

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081123\
 Data File : PQ063033.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 18:55
 Operator : YP\AJ
 Sample : 03973-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:22:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.454	2.784	122.4E6	86020892	22.782	20.857
2)	SA Decachlor...	8.687	7.594	87060241	84282610	22.486	19.486
Target Compounds							
3)	L1 AR-1016-1	4.566	3.796	117.4E6	84897122	603.448	532.718
4)	L1 AR-1016-2	4.585	3.812	169.4E6	115.5E6	610.393	540.779
5)	L1 AR-1016-3	4.643	3.974	103.8E6	66620910	607.106	557.232
6)	L1 AR-1016-4	4.736	4.023	89032583	54369979	632.651	560.363
7)	L1 AR-1016-5	5.026	4.220	84329761	68096267	612.890	541.135
8)	L2 AR-1221-1	3.651	2.988	11471498	8205368	168.584	149.536
9)	L2 AR-1221-2	3.735	3.065	13891670	10138408	291.161	268.789
10)	L2 AR-1221-3	3.805	3.135	60023740	45040241	388.933	374.324
11)	L3 AR-1232-1	3.805	3.135	60023740	45040241	464.577	462.257
12)	L3 AR-1232-2	4.305	3.812	94997994	115.5E6	1362.094	1187.894
13)	L3 AR-1232-3	4.585	3.974	169.4E6	66620910	1386.099	1254.697
14)	L3 AR-1232-4	4.736	4.060	89032583	60456381	1475.540	1317.185
15)	L3 AR-1232-5	4.834	4.220	67071632	68096267	1536.702	1255.863
16)	L4 AR-1242-1	4.566	3.796	117.4E6	84897122	695.680	587.857
17)	L4 AR-1242-2	4.585	3.812	169.4E6	115.5E6	702.310	608.227
18)	L4 AR-1242-3	4.643	3.974	103.8E6	66620910	708.740	617.265
19)	L4 AR-1242-4	4.736	4.060	89032583	60456381	719.524	606.815
20)	L4 AR-1242-5	5.458	4.559	12947433	54781738	97.970	405.175 #
21)	L5 AR-1248-1	4.566	3.796	117.4E6	84897122	881.825	759.990
22)	L5 AR-1248-2	4.834	4.023	67071632	54369979	383.808	344.297
23)	L5 AR-1248-3	5.026	4.060	84329761	60456381	398.774	396.436
24)	L5 AR-1248-4	5.422	4.220	14013118	68096267	58.814	358.097 #
25)	L5 AR-1248-5	5.458	4.597	12947433	9914723	55.716	51.263
26)	L6 AR-1254-1	5.395	4.559	64660595	54781738	295.247	204.172 #
27)	L6 AR-1254-2	5.614	4.706	74215478	55820251	219.154	237.822
28)	L6 AR-1254-3	5.970	5.092	40378638	32258679	112.627	85.302
29)	L6 AR-1254-4	6.254	5.320	31445453	13766038	116.061	56.348 #
30)	L6 AR-1254-5	6.671	5.727	228.5E6	216.0E6	826.469	625.975
31)	L7 AR-1260-1	6.136	5.222	158.7E6	148.2E6	620.620	593.724
32)	L7 AR-1260-2	6.397	5.412	190.7E6	174.7E6	628.281	567.149
33)	L7 AR-1260-3	6.753	5.555	118.0E6	163.4E6	559.909	527.457
34)	L7 AR-1260-4	6.971	6.021	139.1E6	120.1E6	580.518	489.845
35)	L7 AR-1260-5	7.284	6.267	273.3E6	267.1E6	582.579	488.665
36)	L8 AR-1262-1	6.753	5.822	118.0E6	62833384	365.480	440.057
37)	L8 AR-1262-2	7.284	6.021	273.3E6	120.1E6	503.649	384.378
38)	L8 AR-1262-3	7.564	6.549	173.8E6	59126539	481.068	234.546 #
39)	L8 AR-1262-4	7.634	6.605	46245009	208.6E6	164.990	446.271 #
40)	L8 AR-1262-5	8.144	7.104	66819667	68578614	355.506	312.103
41)	L9 AR-1268-1	7.564	6.549	173.8E6	59126539	268.695	79.228 #

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 Acq On : 11 Aug 2023 18:55
 Operator : YP\AJ
 Sample : 03973-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

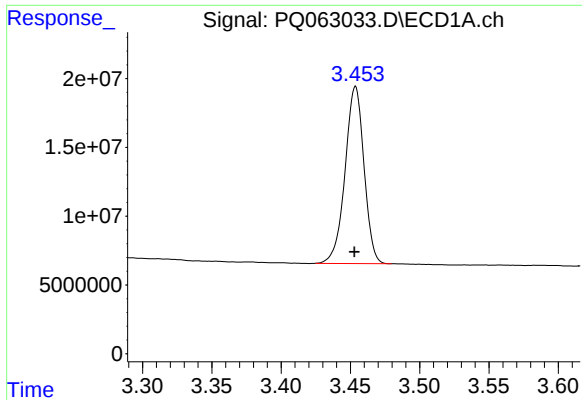
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:22:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 Response via : Initial Calibration
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.634	6.605	46245009	208.6E6	77.116	303.851 #
43) L9	AR-1268-3	7.818	6.814	10837092	6731955	22.011	11.470 #
44) L9	AR-1268-4	8.144	7.104	66819667	68578614	311.459	269.319
45) L9	AR-1268-5	8.446	7.374	25125420	25640757	16.303	14.474

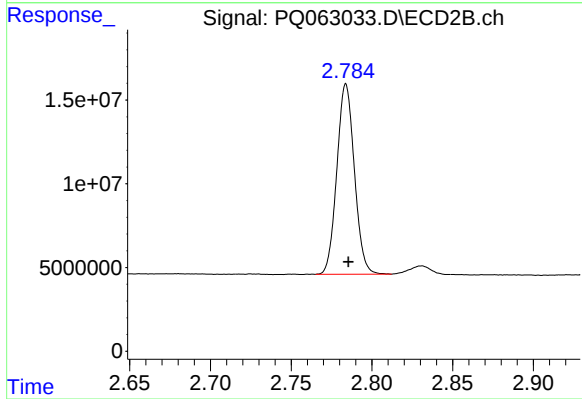
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

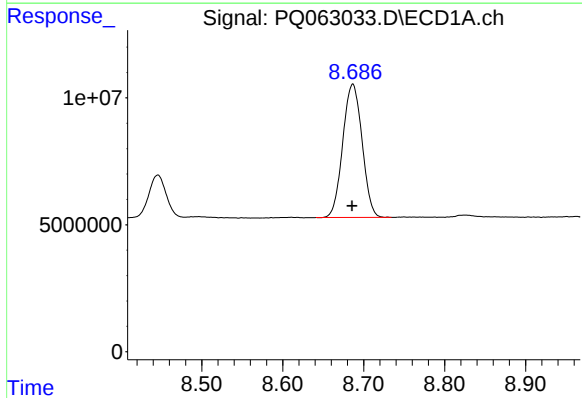
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 122419680
Conc: 22.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



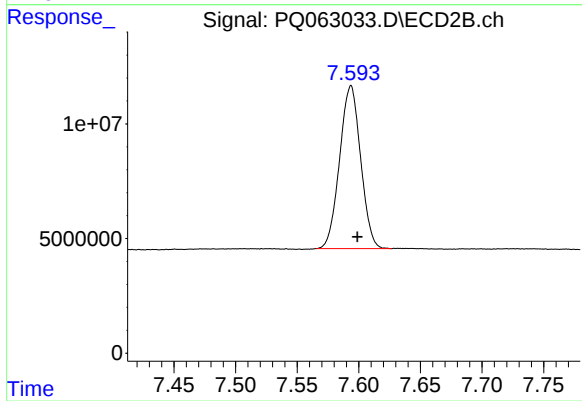
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 86020892
Conc: 20.86 ng/ml



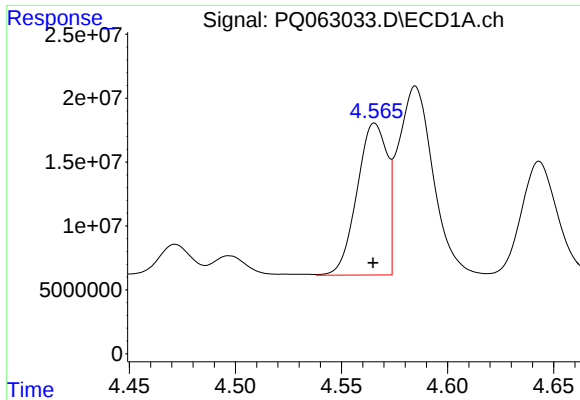
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 87060241
Conc: 22.49 ng/ml



#2 Decachlorobiphenyl

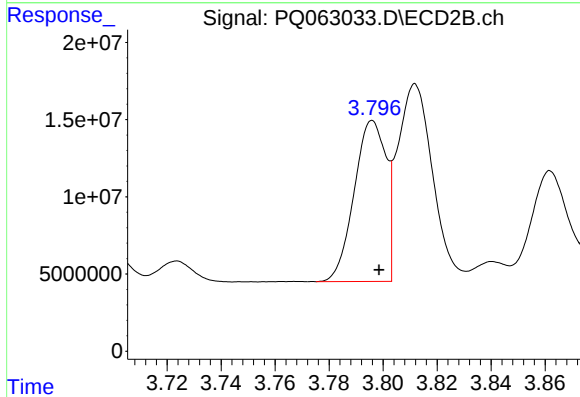
R.T.: 7.594 min
Delta R.T.: -0.005 min
Response: 84282610
Conc: 19.49 ng/ml



#3 AR-1016-1

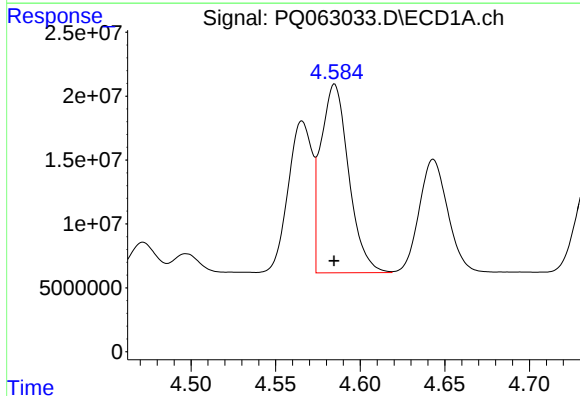
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 117415245
Conc: 603.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



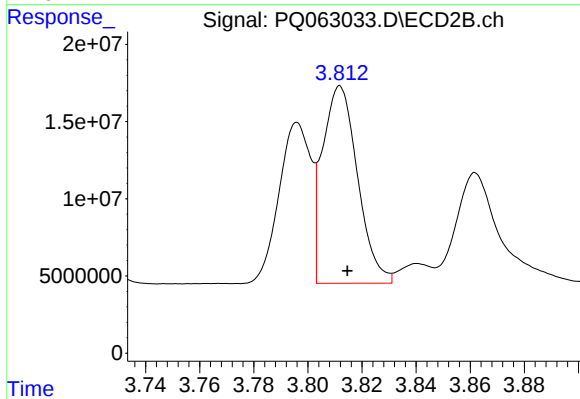
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 84897122
Conc: 532.72 ng/ml



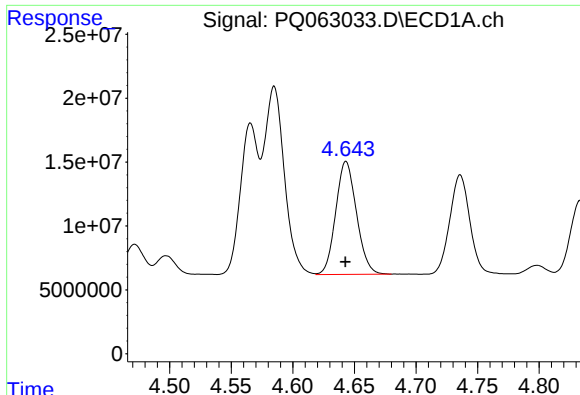
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 169369784
Conc: 610.39 ng/ml



#4 AR-1016-2

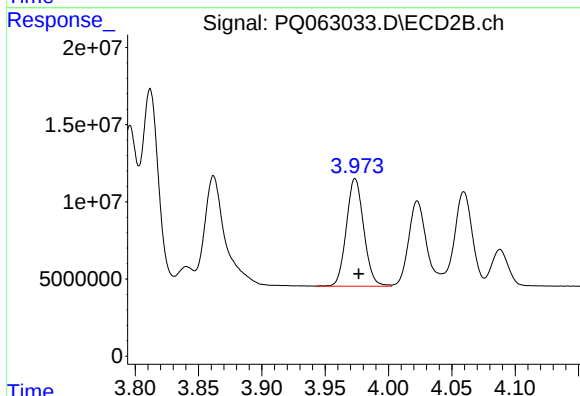
R.T.: 3.812 min
Delta R.T.: -0.003 min
Response: 115549854
Conc: 540.78 ng/ml



#5 AR-1016-3

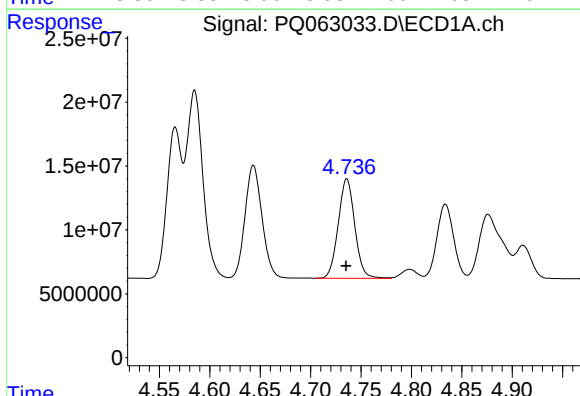
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 103817278
Conc: 607.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



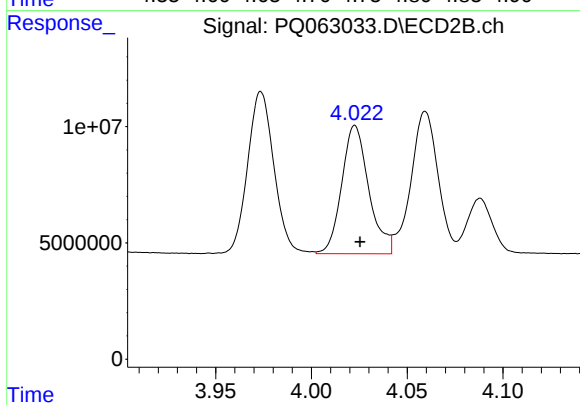
#5 AR-1016-3

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 66620910
Conc: 557.23 ng/ml



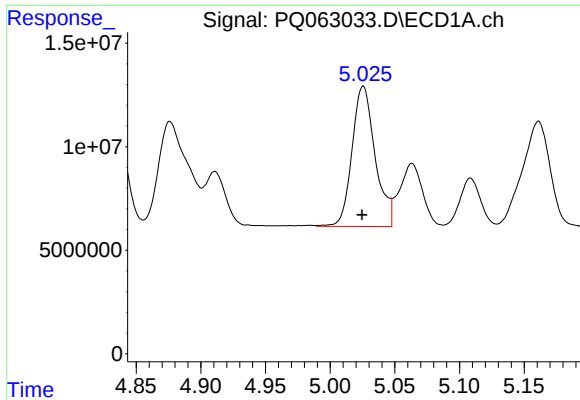
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 89032583
Conc: 632.65 ng/ml



#6 AR-1016-4

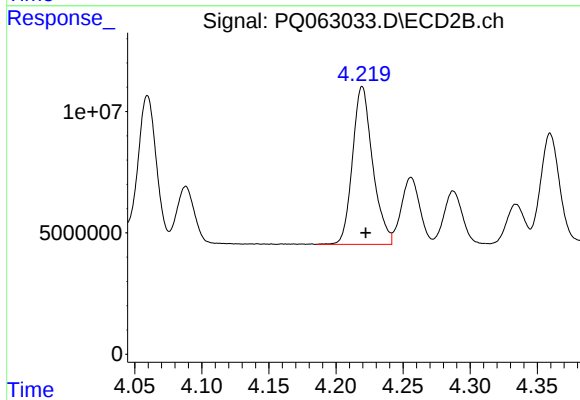
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 54369979
Conc: 560.36 ng/ml



#7 AR-1016-5

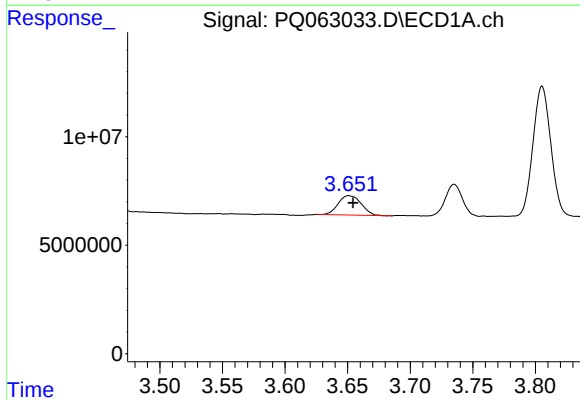
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 84329761
Conc: 612.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



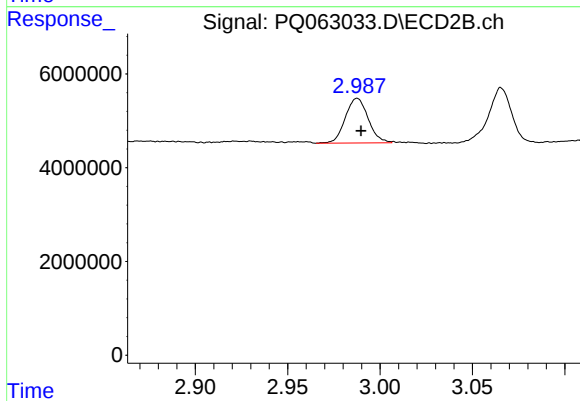
#7 AR-1016-5

R.T.: 4.220 min
Delta R.T.: -0.003 min
Response: 68096267
Conc: 541.14 ng/ml



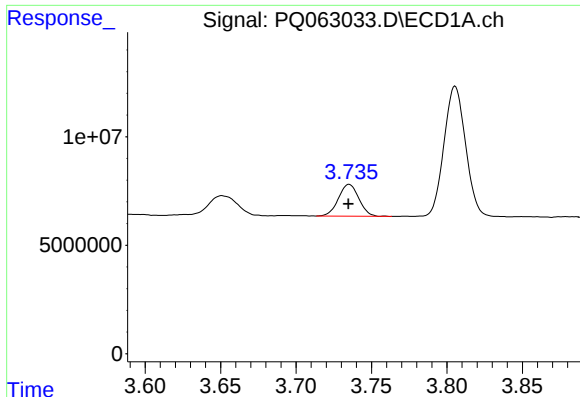
#8 AR-1221-1

R.T.: 3.651 min
Delta R.T.: -0.003 min
Response: 11471498
Conc: 168.58 ng/ml



#8 AR-1221-1

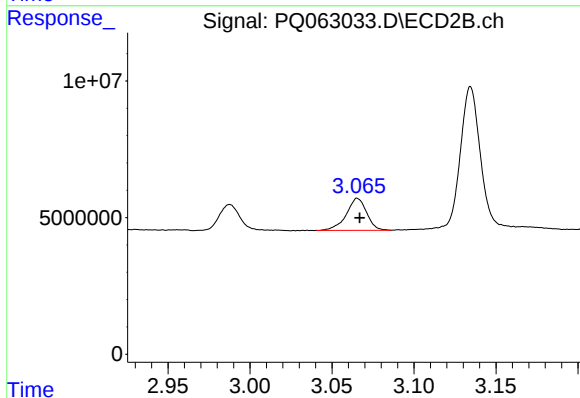
R.T.: 2.988 min
Delta R.T.: -0.002 min
Response: 8205368
Conc: 149.54 ng/ml



#9 AR-1221-2

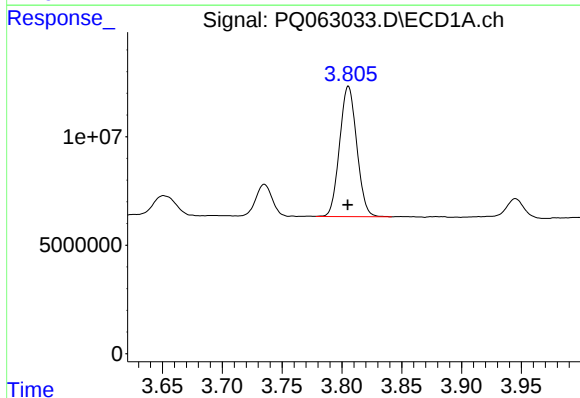
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 13891670
Conc: 291.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



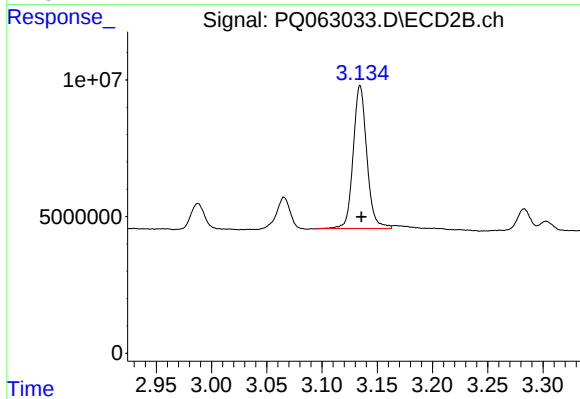
#9 AR-1221-2

R.T.: 3.065 min
Delta R.T.: -0.001 min
Response: 10138408
Conc: 268.79 ng/ml



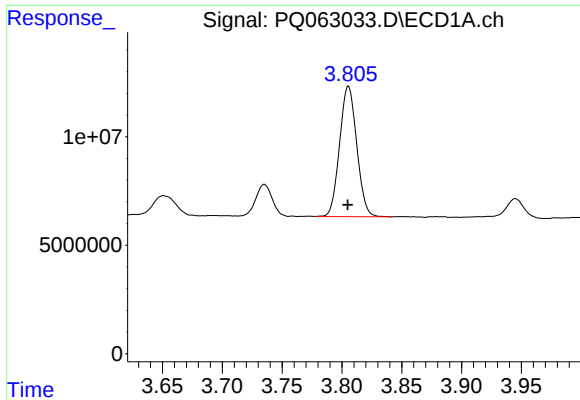
#10 AR-1221-3

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 60023740
Conc: 388.93 ng/ml



#10 AR-1221-3

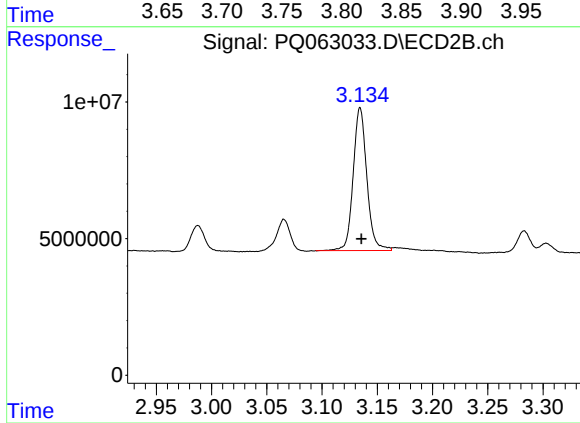
R.T.: 3.135 min
Delta R.T.: -0.001 min
Response: 45040241
Conc: 374.32 ng/ml



#11 AR-1232-1

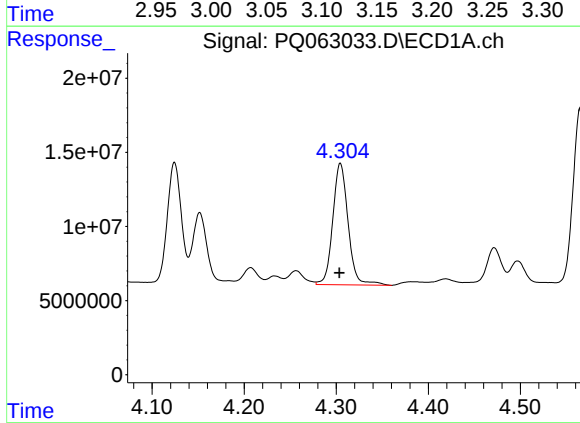
R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 60023740
Conc: 464.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



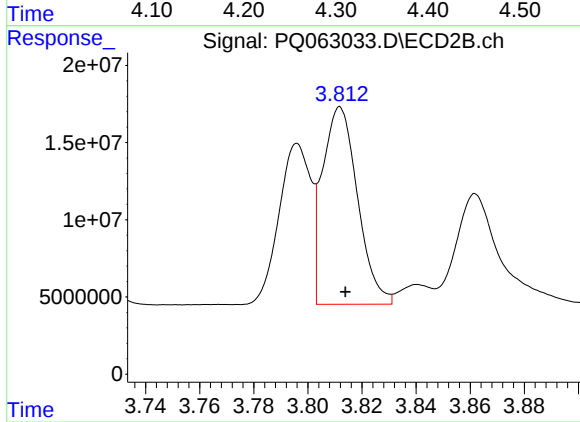
#11 AR-1232-1

R.T.: 3.135 min
Delta R.T.: -0.001 min
Response: 45040241
Conc: 462.26 ng/ml



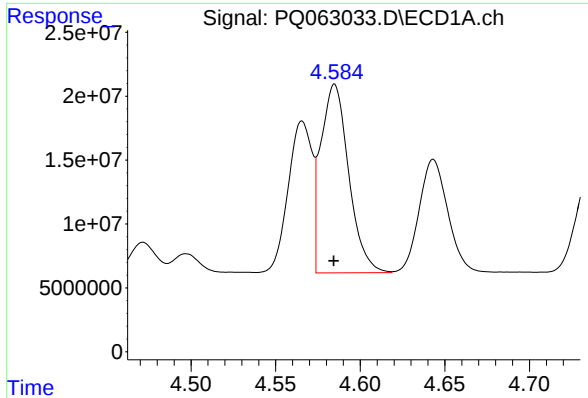
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 94997994
Conc: 1362.09 ng/ml



#12 AR-1232-2

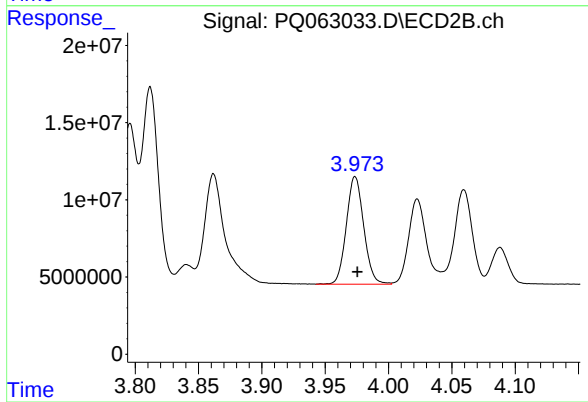
R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 115549854
Conc: 1187.89 ng/ml



#13 AR-1232-3

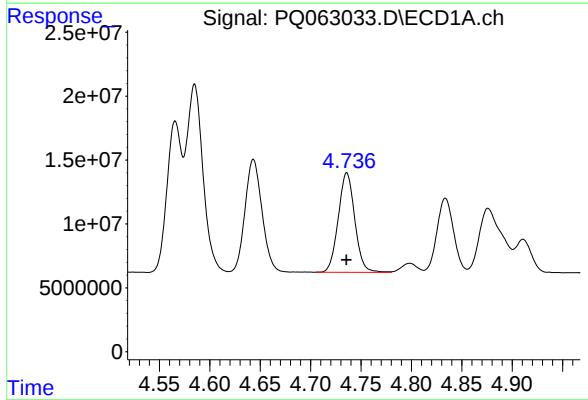
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 169369784
Conc: 1386.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



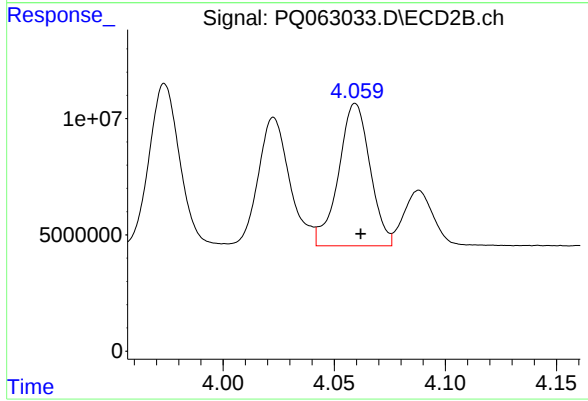
#13 AR-1232-3

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 66620910
Conc: 1254.70 ng/ml



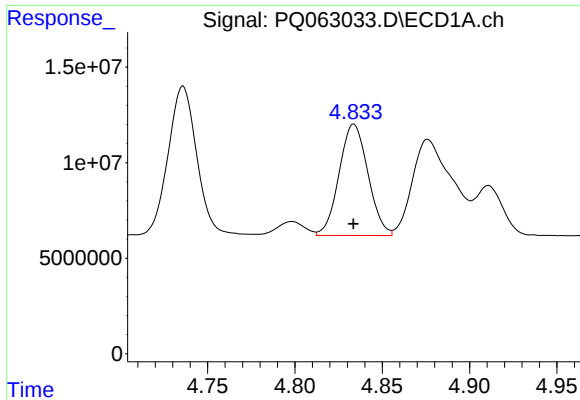
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 89032583
Conc: 1475.54 ng/ml



#14 AR-1232-4

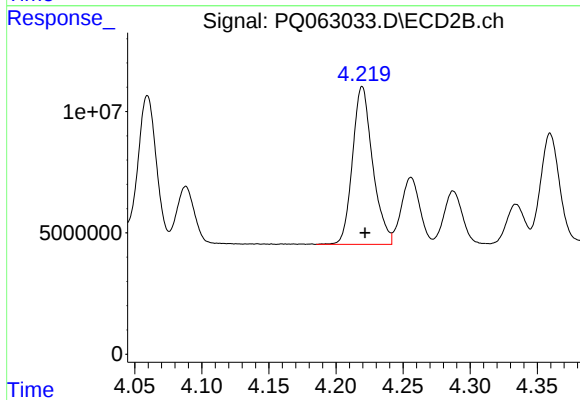
R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 60456381
Conc: 1317.18 ng/ml



#15 AR-1232-5

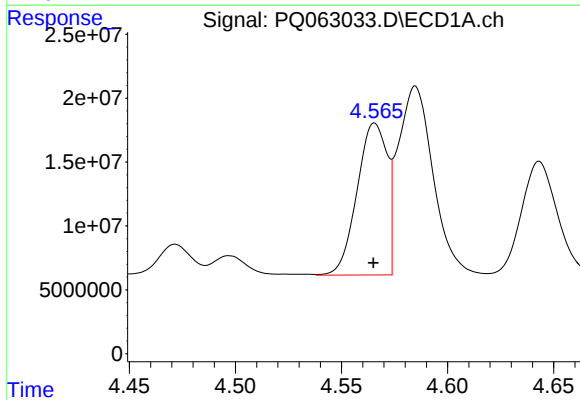
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 67071632
Conc: 1536.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



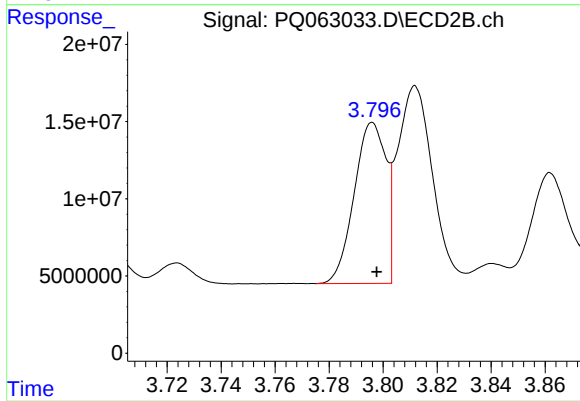
#15 AR-1232-5

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 68096267
Conc: 1255.86 ng/ml



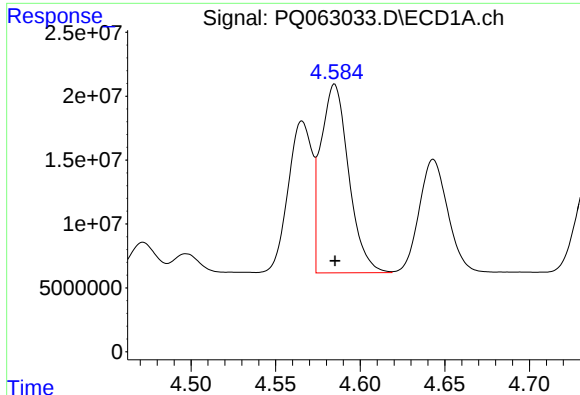
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 117415245
Conc: 695.68 ng/ml



#16 AR-1242-1

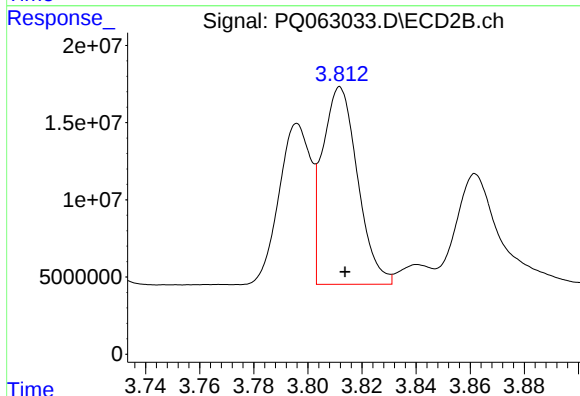
R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 84897122
Conc: 587.86 ng/ml



#17 AR-1242-2

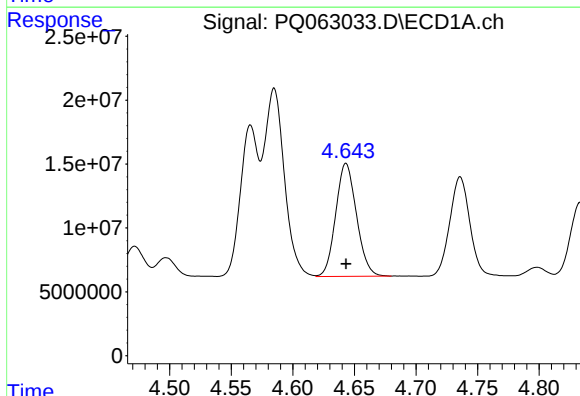
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 169369784
Conc: 702.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



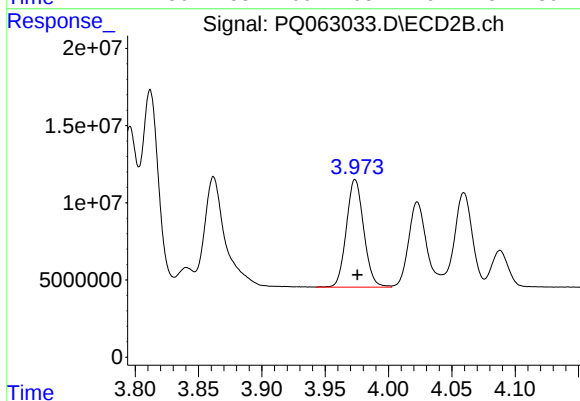
#17 AR-1242-2

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 115549854
Conc: 608.23 ng/ml



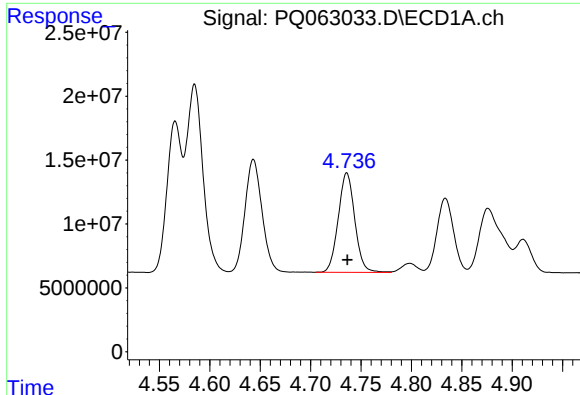
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 103817278
Conc: 708.74 ng/ml



#18 AR-1242-3

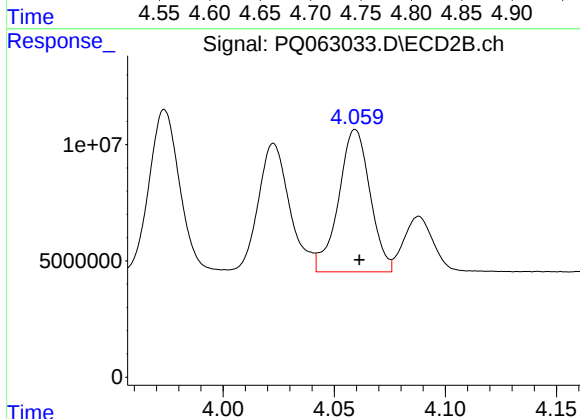
R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 66620910
Conc: 617.27 ng/ml



#19 AR-1242-4

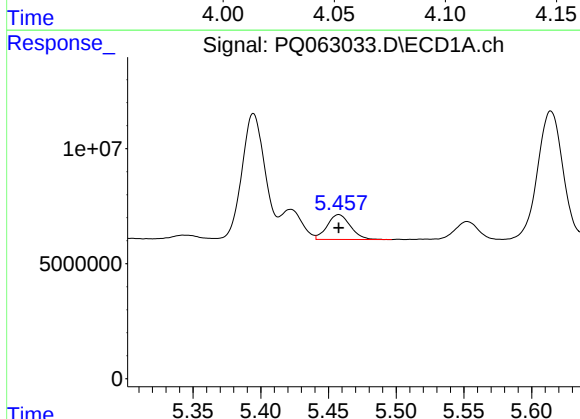
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 89032583
Conc: 719.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



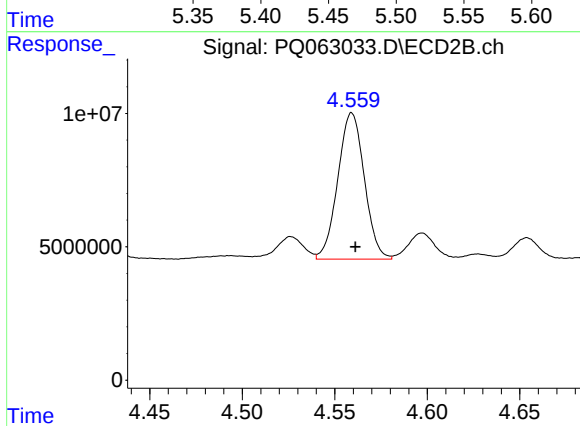
#19 AR-1242-4

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 60456381
Conc: 606.81 ng/ml



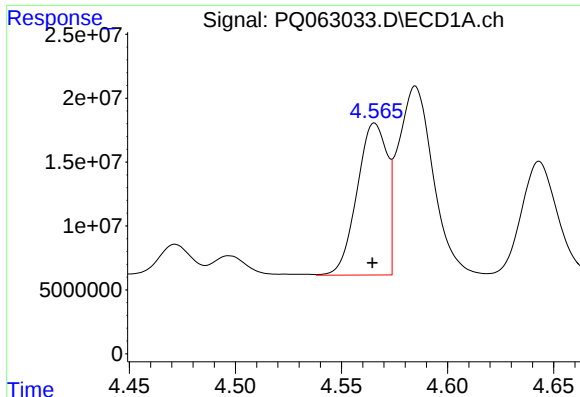
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 12947433
Conc: 97.97 ng/ml



#20 AR-1242-5

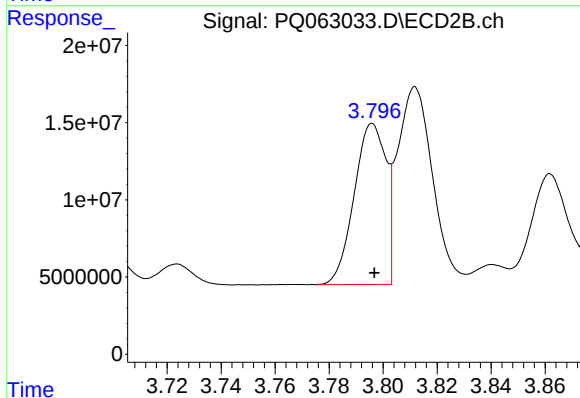
R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 54781738
Conc: 405.17 ng/ml



#21 AR-1248-1

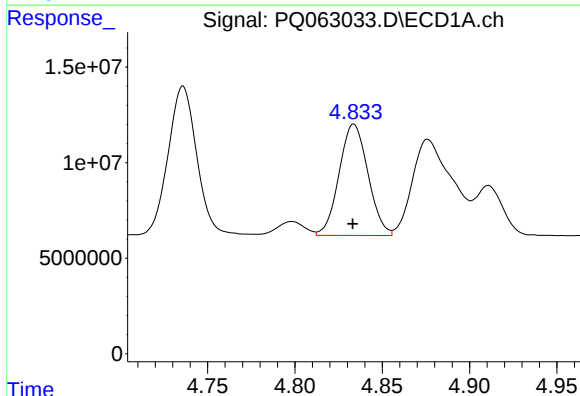
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 117415245
Conc: 881.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



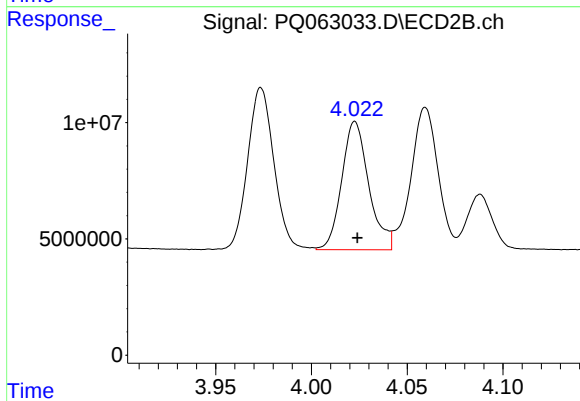
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 84897122
Conc: 759.99 ng/ml



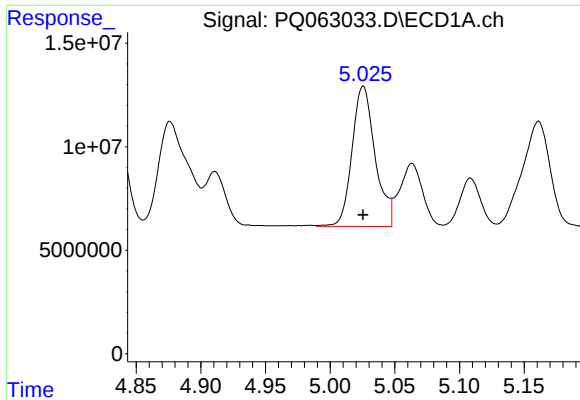
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 67071632
Conc: 383.81 ng/ml



#22 AR-1248-2

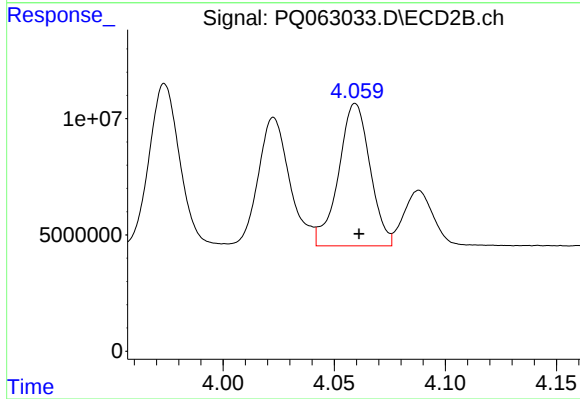
R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 54369979
Conc: 344.30 ng/ml



#23 AR-1248-3

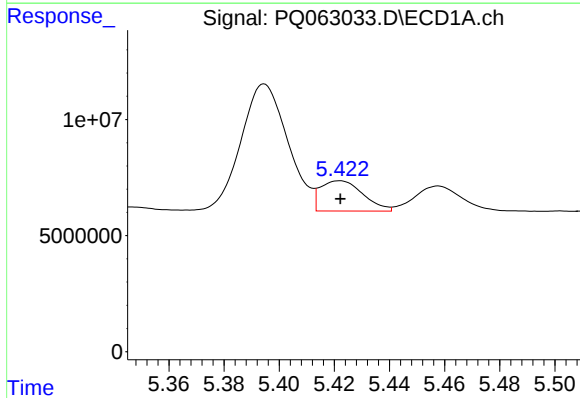
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 84329761
Conc: 398.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



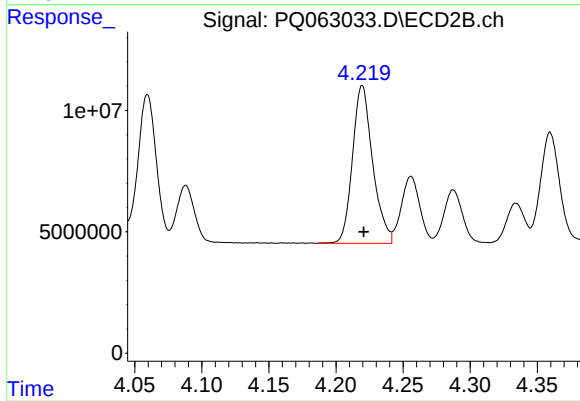
#23 AR-1248-3

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 60456381
Conc: 396.44 ng/ml



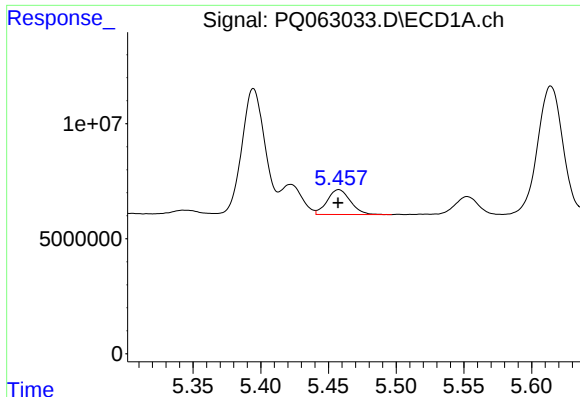
#24 AR-1248-4

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 14013118
Conc: 58.81 ng/ml



#24 AR-1248-4

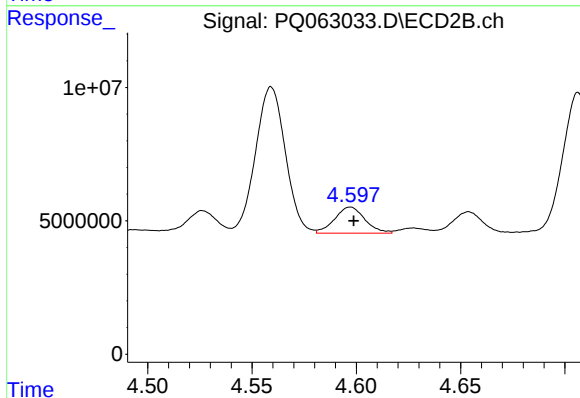
R.T.: 4.220 min
Delta R.T.: -0.001 min
Response: 68096267
Conc: 358.10 ng/ml



#25 AR-1248-5

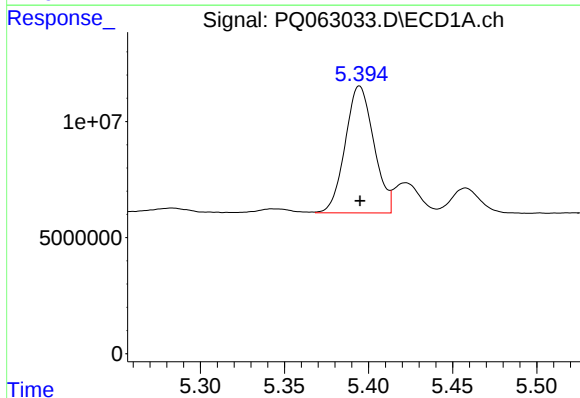
R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 12947433
Conc: 55.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



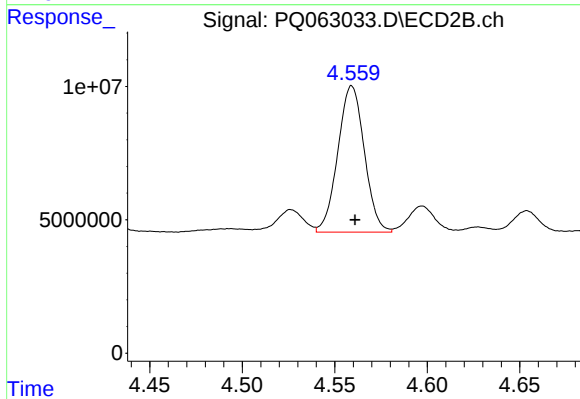
#25 AR-1248-5

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 9914723
Conc: 51.26 ng/ml



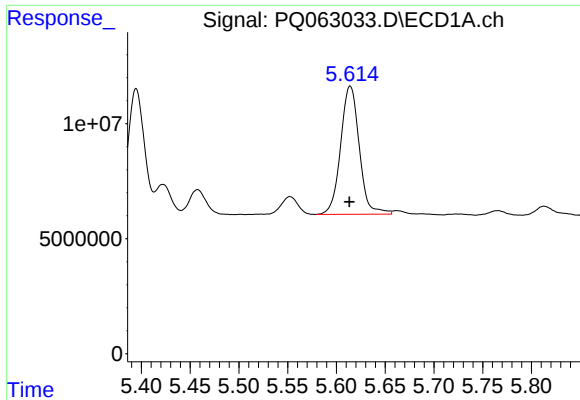
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 64660595
Conc: 295.25 ng/ml



#26 AR-1254-1

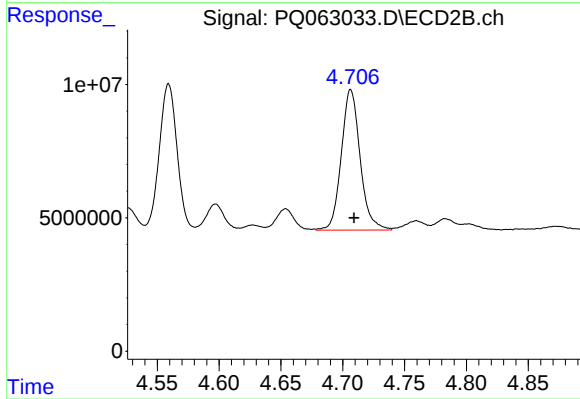
R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 54781738
Conc: 204.17 ng/ml



#27 AR-1254-2

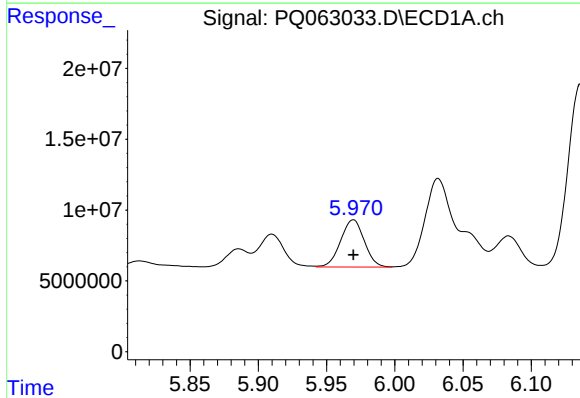
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 74215478
Conc: 219.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



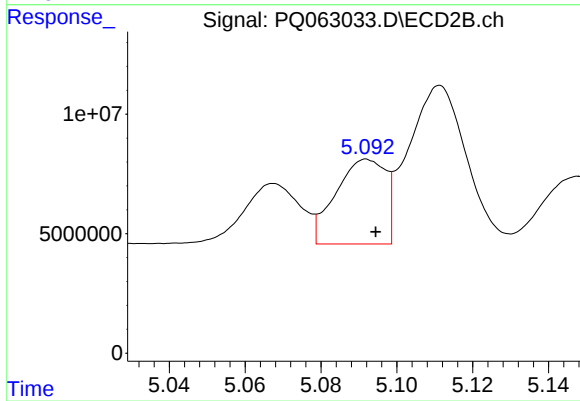
#27 AR-1254-2

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 55820251
Conc: 237.82 ng/ml



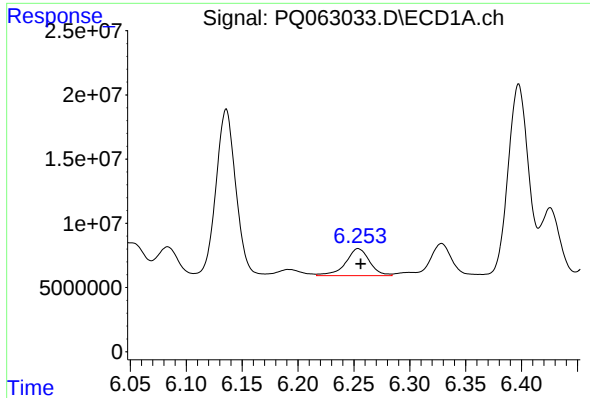
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 40378638
Conc: 112.63 ng/ml



#28 AR-1254-3

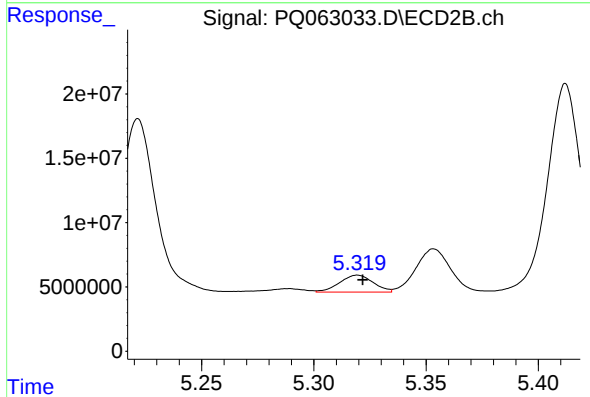
R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 32258679
Conc: 85.30 ng/ml



#29 AR-1254-4

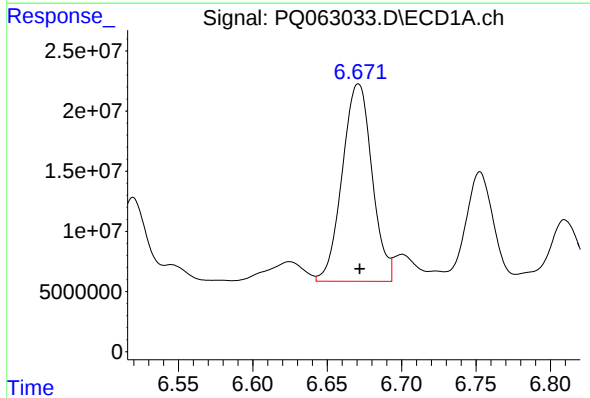
R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 31445453
Conc: 116.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



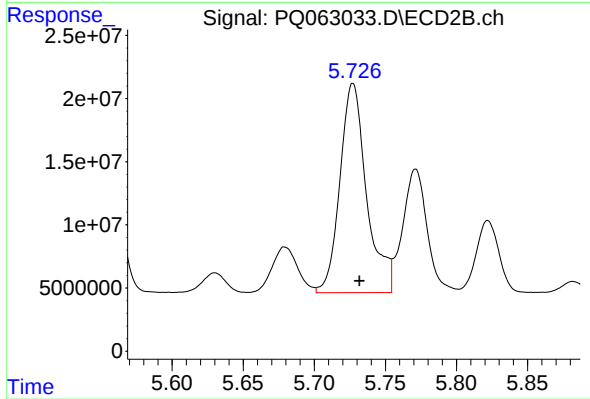
#29 AR-1254-4

R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 13766038
Conc: 56.35 ng/ml



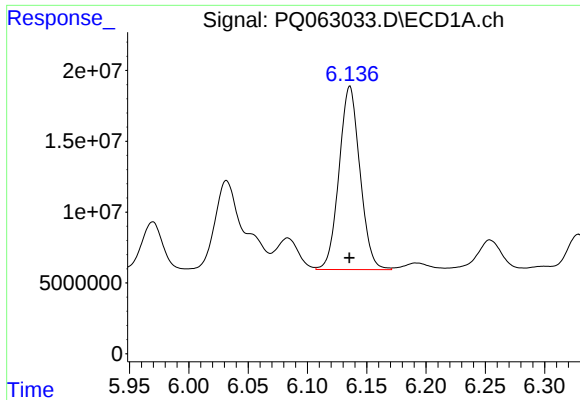
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 228462269
Conc: 826.47 ng/ml



#30 AR-1254-5

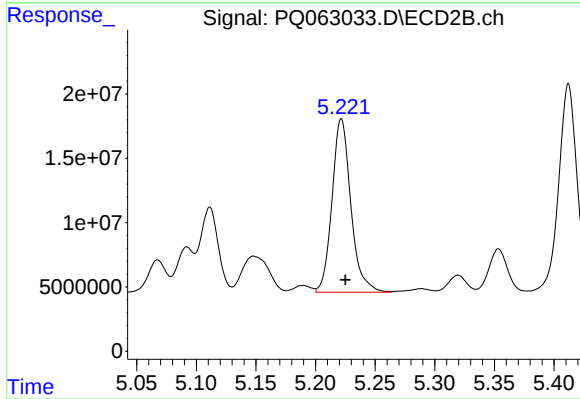
R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 216045505
Conc: 625.97 ng/ml



#31 AR-1260-1

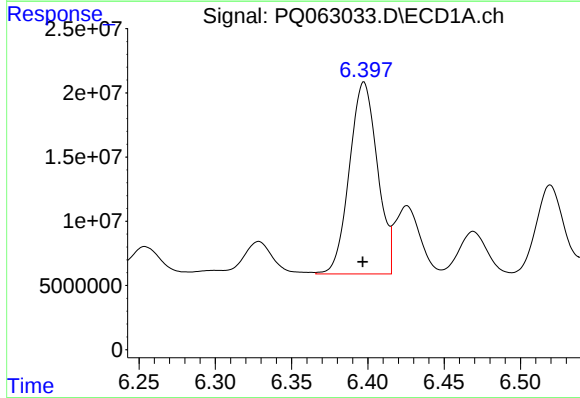
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 158653562
Conc: 620.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



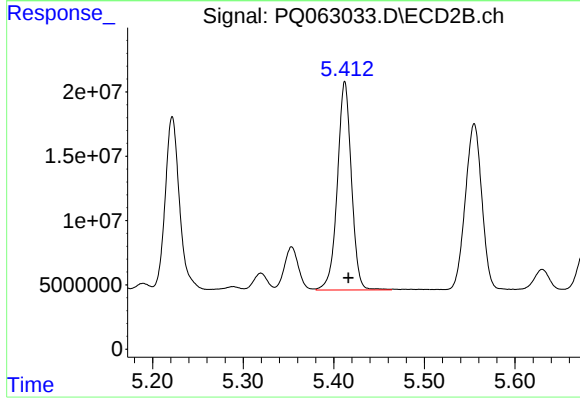
#31 AR-1260-1

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 148180116
Conc: 593.72 ng/ml



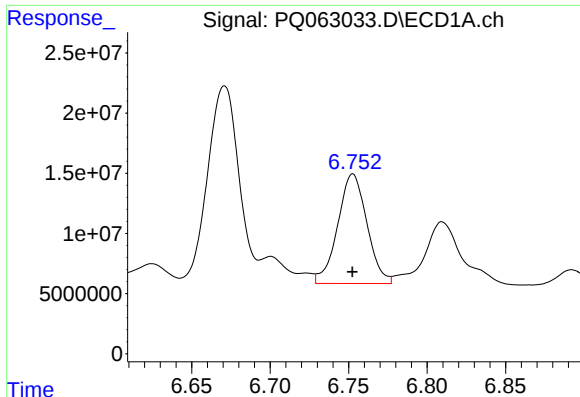
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 190690972
Conc: 628.28 ng/ml



#32 AR-1260-2

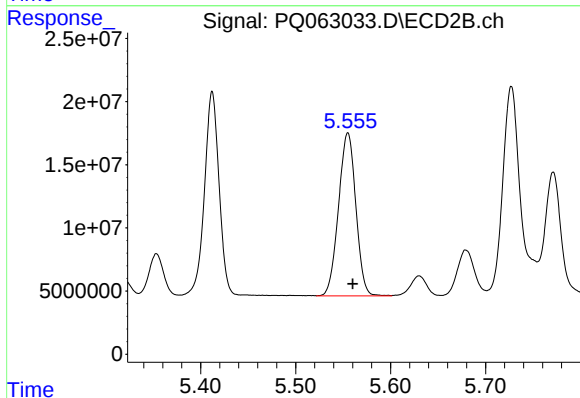
R.T.: 5.412 min
Delta R.T.: -0.004 min
Response: 174668224
Conc: 567.15 ng/ml



#33 AR-1260-3

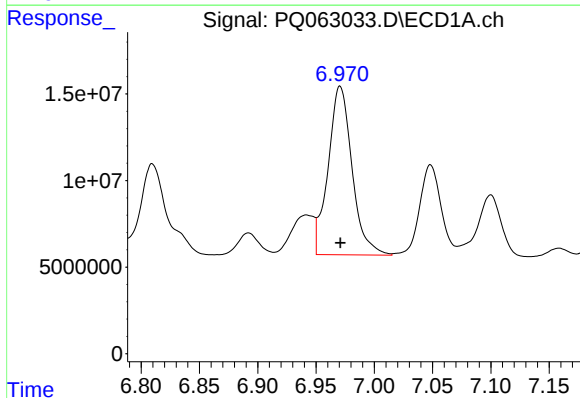
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 118030171
Conc: 559.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



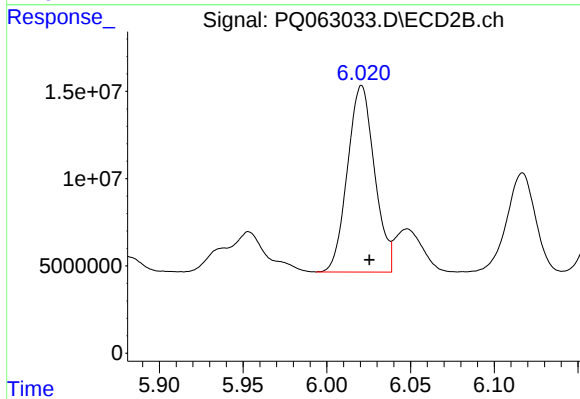
#33 AR-1260-3

R.T.: 5.555 min
Delta R.T.: -0.005 min
Response: 163443006
Conc: 527.46 ng/ml



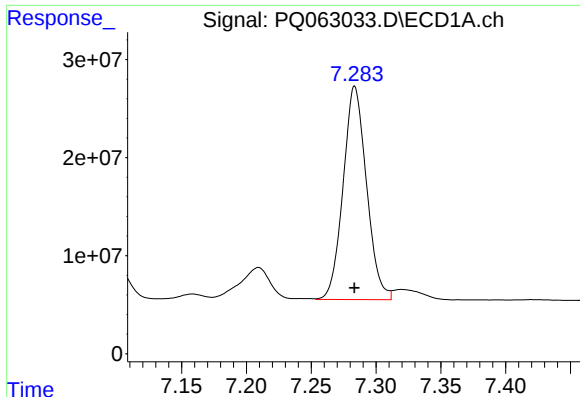
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 139124155
Conc: 580.52 ng/ml



#34 AR-1260-4

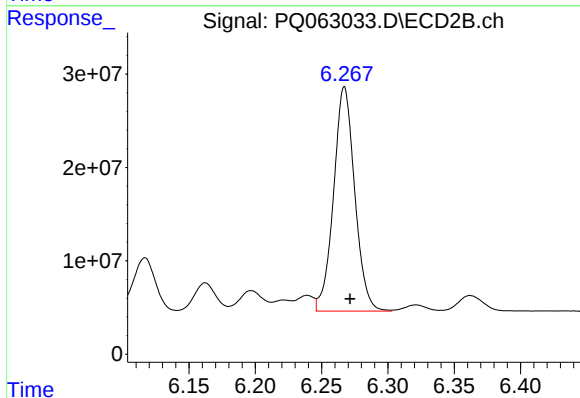
R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 120116916
Conc: 489.84 ng/ml



#35 AR-1260-5

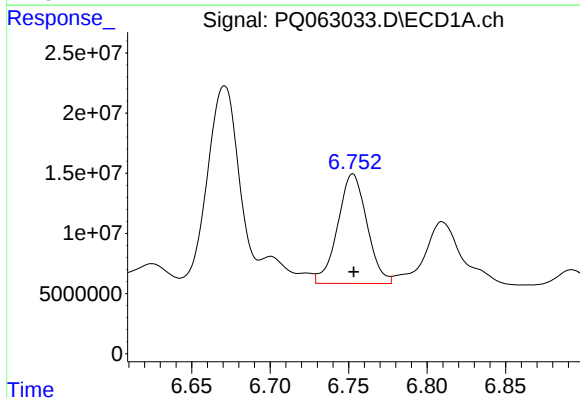
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 273318863
Conc: 582.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



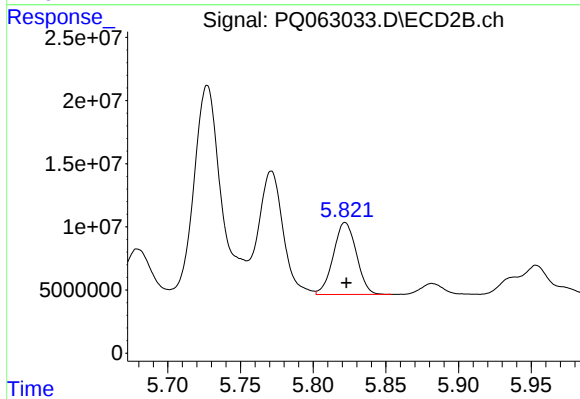
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 267066010
Conc: 488.66 ng/ml



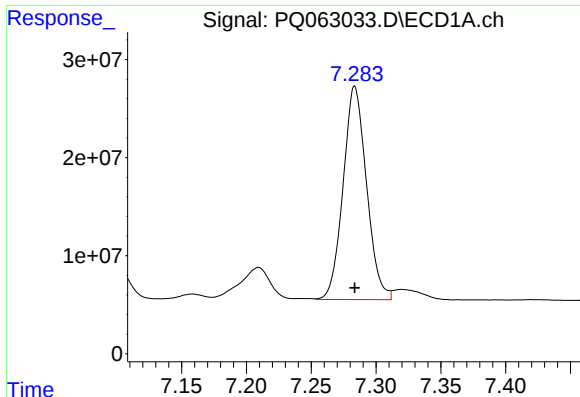
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 118030171
Conc: 365.48 ng/ml



#36 AR-1262-1

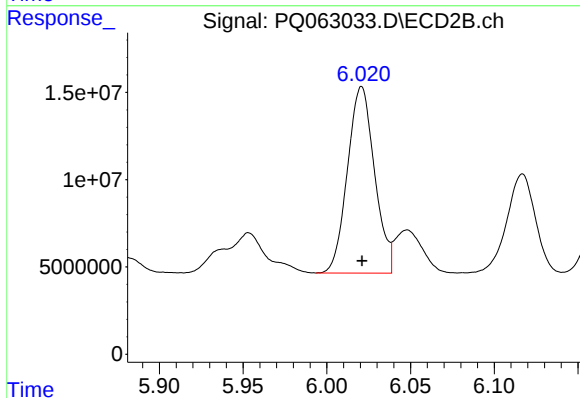
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 62833384
Conc: 440.06 ng/ml



#37 AR-1262-2

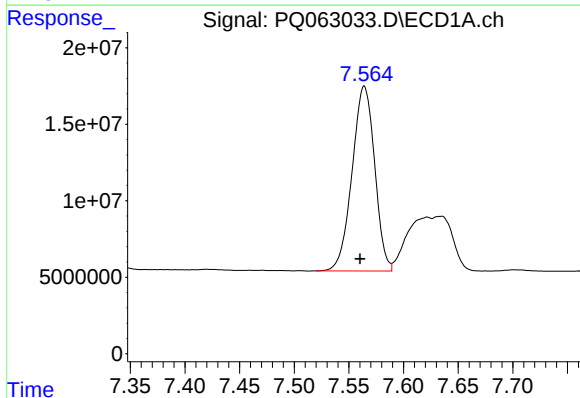
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 273318863
Conc: 503.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



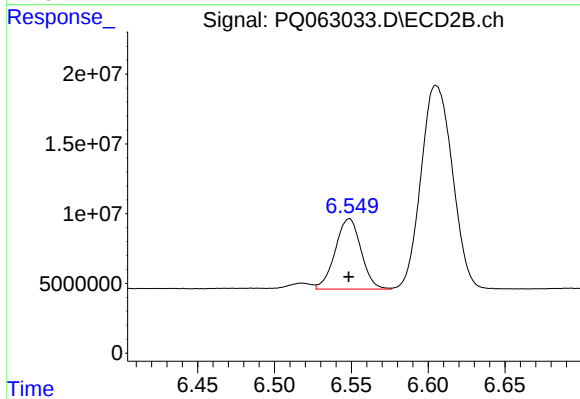
#37 AR-1262-2

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 120116916
Conc: 384.38 ng/ml



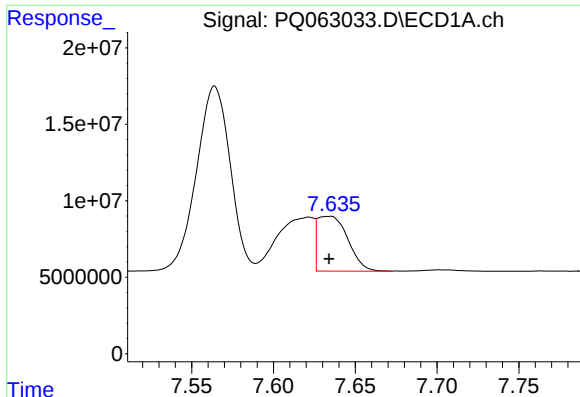
#38 AR-1262-3

R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 173768907
Conc: 481.07 ng/ml



#38 AR-1262-3

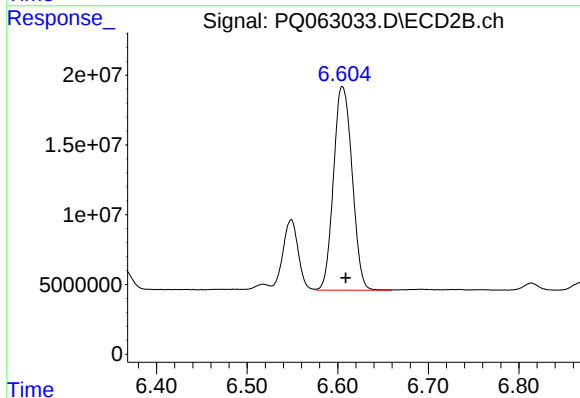
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 59126539
Conc: 234.55 ng/ml



#39 AR-1262-4

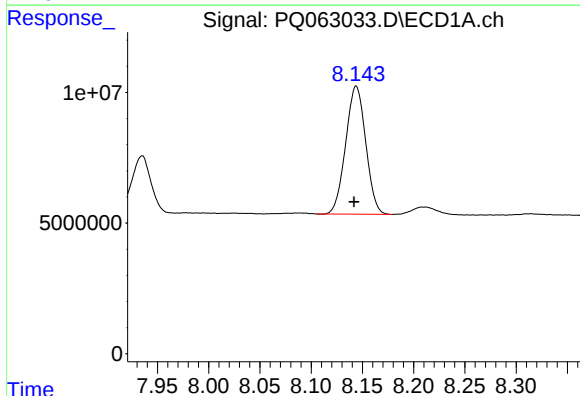
R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 46245009
Conc: 164.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



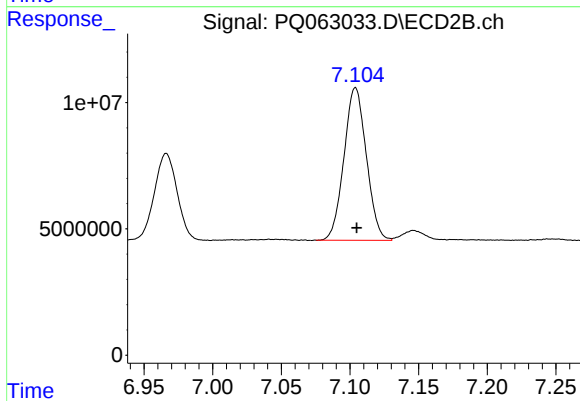
#39 AR-1262-4

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 208635436
Conc: 446.27 ng/ml



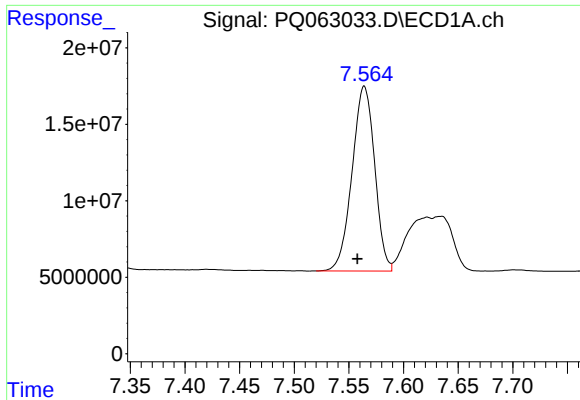
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 66819667
Conc: 355.51 ng/ml



#40 AR-1262-5

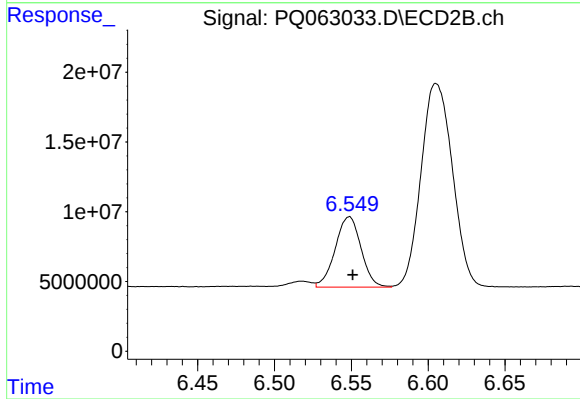
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 68578614
Conc: 312.10 ng/ml



#41 AR-1268-1

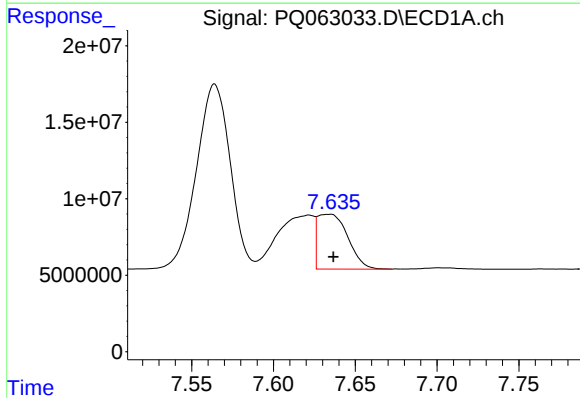
R.T.: 7.564 min
Delta R.T.: 0.006 min
Response: 173768907
Conc: 268.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



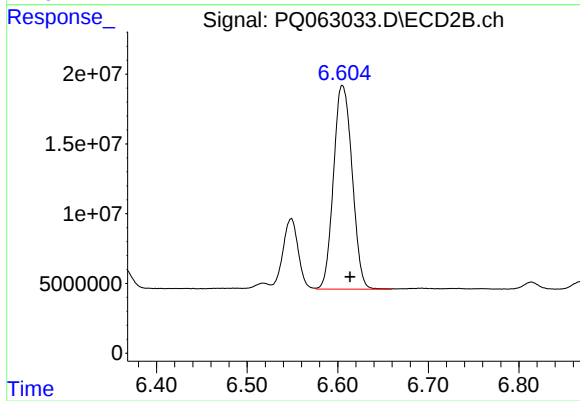
#41 AR-1268-1

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 59126539
Conc: 79.23 ng/ml



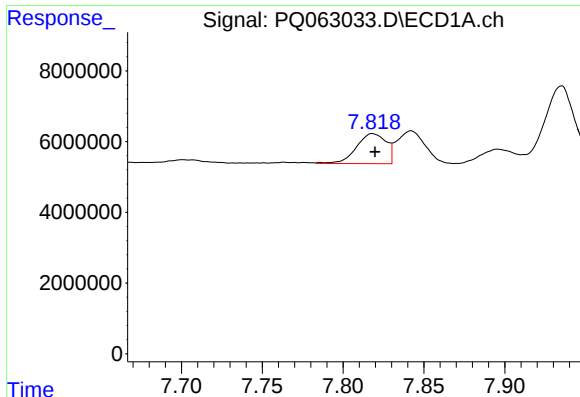
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 46245009
Conc: 77.12 ng/ml



#42 AR-1268-2

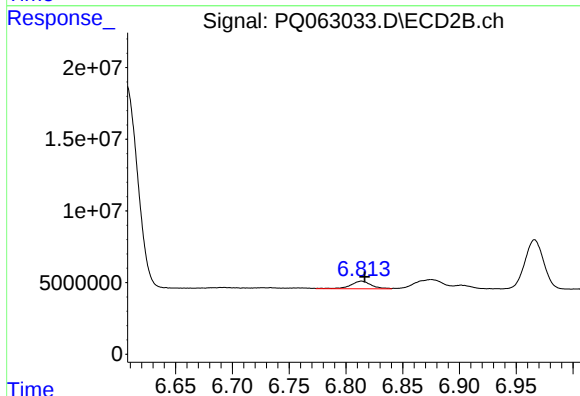
R.T.: 6.605 min
Delta R.T.: -0.008 min
Response: 208635436
Conc: 303.85 ng/ml



#43 AR-1268-3

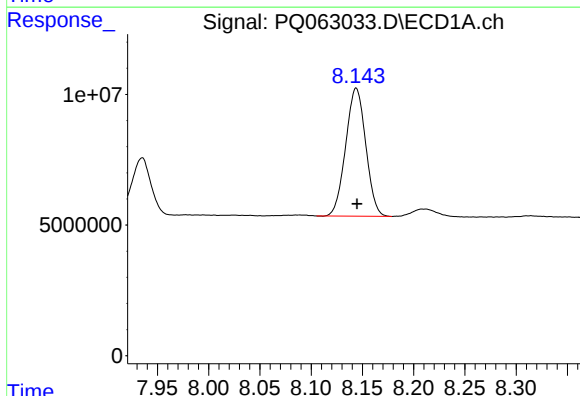
R.T.: 7.818 min
Delta R.T.: -0.002 min
Response: 10837092
Conc: 22.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



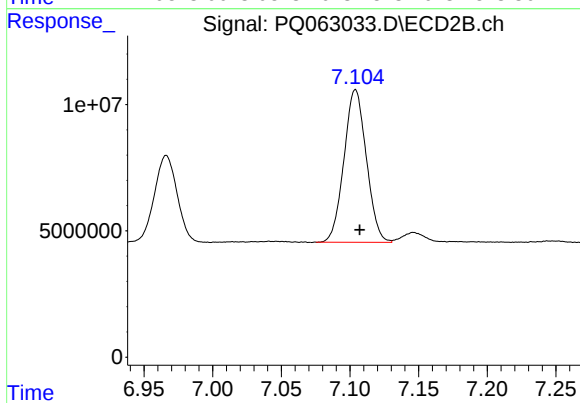
#43 AR-1268-3

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 6731955
Conc: 11.47 ng/ml



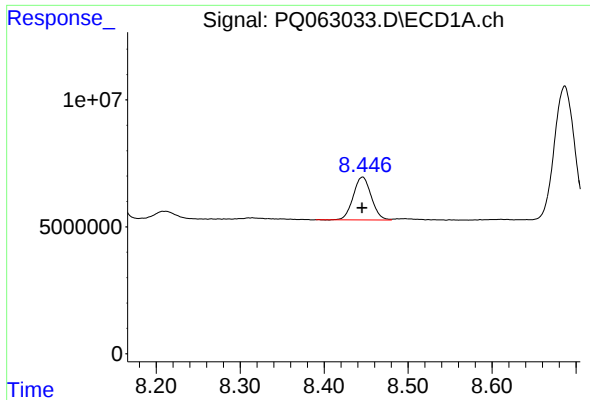
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 66819667
Conc: 311.46 ng/ml



#44 AR-1268-4

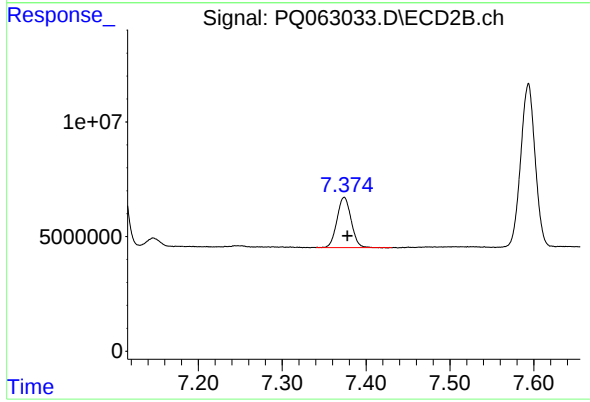
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 68578614
Conc: 269.32 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 25125420
Conc: 16.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.374 min
Delta R.T.: -0.004 min
Response: 25640757
Conc: 14.47 ng/ml