

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081123\
 Data File : PQ063018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 14:46
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:14:50 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...	3.455	2.784	261.9E6	180.4E6	48.732	43.732
2)	SA Decachlor...	8.695	7.595	210.6E6	209.6E6	54.393	48.465
Target Compounds							
3)	L1 AR-1016-1	4.568	3.796	96433237	71281434	495.613	447.281
4)	L1 AR-1016-2	4.587	3.811	139.6E6	96207033	503.030	450.254
5)	L1 AR-1016-3	4.645	3.973	86407052	55124356	505.294	461.072
6)	L1 AR-1016-4	4.738	4.022	71814677	45187705	510.304	465.726
7)	L1 AR-1016-5	5.028	4.219	71478718	57810183	519.492	459.396
8)	L2 AR-1221-1	3.653	2.987	11607810	8903151	170.587	162.253
9)	L2 AR-1221-2	3.736	3.065	13664685	9896780	286.404	262.383
10)	L2 AR-1221-3	3.807	3.134	53853014	37877982	348.949	314.800
11)	L3 AR-1232-1	3.807	3.134	53853014	37877982	416.816	388.750
12)	L3 AR-1232-2	4.306	3.811	74027722	96207033	1061.419	989.043
13)	L3 AR-1232-3	4.587	3.973	139.6E6	55124356	1142.295	1038.178
14)	L3 AR-1232-4	4.738	4.059	71814677	50277833	1190.187	1095.421
15)	L3 AR-1232-5	4.836	4.219	55660734	57810183	1275.263	1066.162
16)	L4 AR-1242-1	4.568	3.796	96433237	71281434	571.363	493.577
17)	L4 AR-1242-2	4.587	3.811	139.6E6	96207033	578.779	506.411
18)	L4 AR-1242-3	4.645	3.973	86407052	55124356	589.884	510.746
19)	L4 AR-1242-4	4.738	4.059	71814677	50277833	580.376	504.650
20)	L4 AR-1242-5	5.462	4.559	18674811	57746568	141.307	427.103 #
21)	L5 AR-1248-1	4.568	3.796	96433237	71281434	724.244	638.103
22)	L5 AR-1248-2	4.836	4.022	55660734	45187705	318.511	286.150
23)	L5 AR-1248-3	5.028	4.059	71478718	50277833	338.005	329.691
24)	L5 AR-1248-4	5.425	4.219	25287824	57810183	106.135	304.006 #
25)	L5 AR-1248-5	5.462	4.596	18674811	17208021	80.362	88.972
26)	L6 AR-1254-1	5.397	4.559	64389417	57746568	294.009	215.222 #
27)	L6 AR-1254-2	5.618	4.705	56971636	43178713	168.234	183.963
28)	L6 AR-1254-3	5.973	5.092	29323313	19804007	81.791	52.368 #
29)	L6 AR-1254-4	6.258	5.320	25288199	8331461	93.335	34.103 #
30)	L6 AR-1254-5	6.674	5.727	185.5E6	170.0E6	671.170	492.589 #
31)	L7 AR-1260-1	6.139	5.221	143.0E6	123.5E6	559.347	494.897
32)	L7 AR-1260-2	6.401	5.411	169.3E6	149.2E6	557.781	484.428
33)	L7 AR-1260-3	6.758	5.555	118.0E6	141.9E6	559.706	458.013
34)	L7 AR-1260-4	6.976	6.021	131.4E6	116.9E6	548.125	476.848
35)	L7 AR-1260-5	7.289	6.267	269.6E6	256.8E6	574.617	469.816
36)	L8 AR-1262-1	6.758	5.822	118.0E6	60122925	365.347	421.074
37)	L8 AR-1262-2	7.289	6.021	269.6E6	116.9E6	496.765	374.179
38)	L8 AR-1262-3	7.569	6.548	162.9E6	64115274	450.902	254.336 #
39)	L8 AR-1262-4	7.638	6.606	101.5E6	193.6E6	361.971	414.079
40)	L8 AR-1262-5	8.150	7.105	67989417	71538875	361.729	325.575
41)	L9 AR-1268-1	7.569	6.548	162.9E6	64115274	251.846	85.913 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

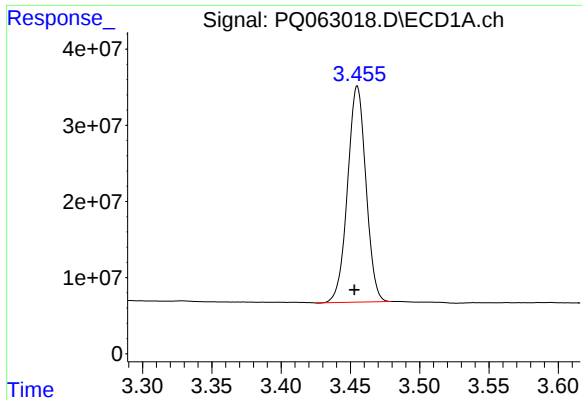
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:14:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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 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	7.638	6.606	101.5E6	193.6E6	169.185	281.933 #
43) L9	AR-1268-3	7.824	6.814	3473187	5551879	7.054	9.459 #
44) L9	AR-1268-4	8.150	7.105	67989417	71538875	316.912	280.944
45) L9	AR-1268-5	8.452	7.375	18911220	22198504	12.271	12.531

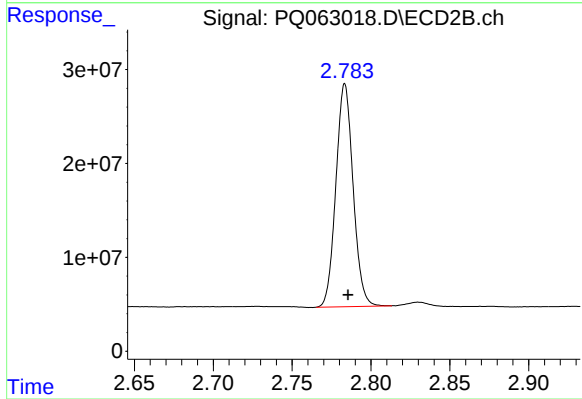
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

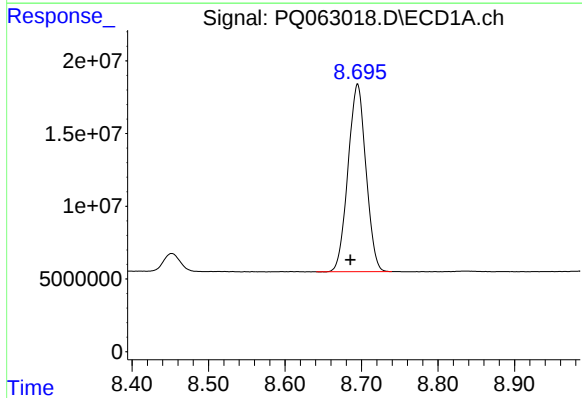
R.T.: 3.455 min
Delta R.T.: 0.002 min
Response: 261858144
Conc: 48.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



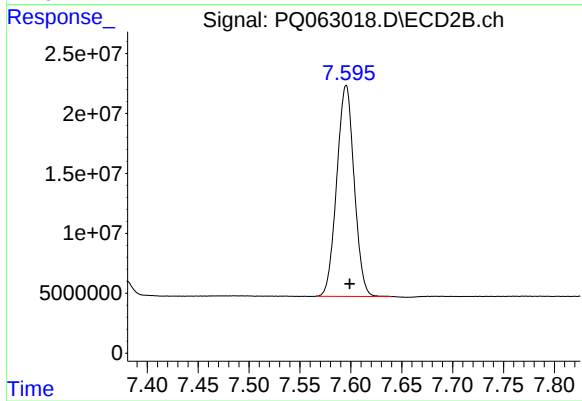
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.002 min
Response: 180364691
Conc: 43.73 ng/ml



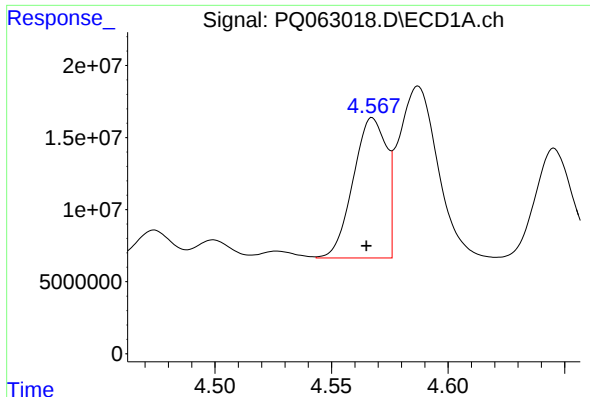
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.009 min
Response: 210598278
Conc: 54.39 ng/ml



#2 Decachlorobiphenyl

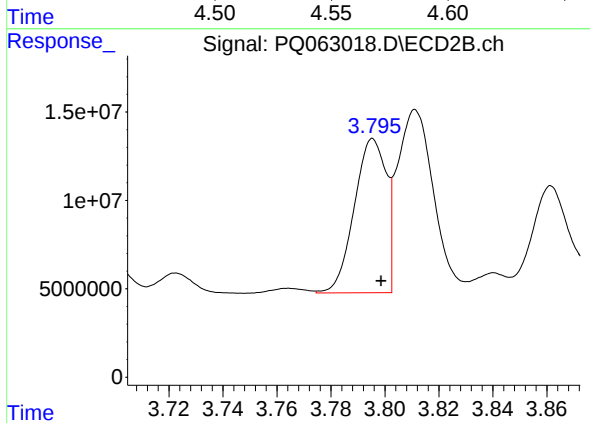
R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 209629693
Conc: 48.47 ng/ml



#3 AR-1016-1

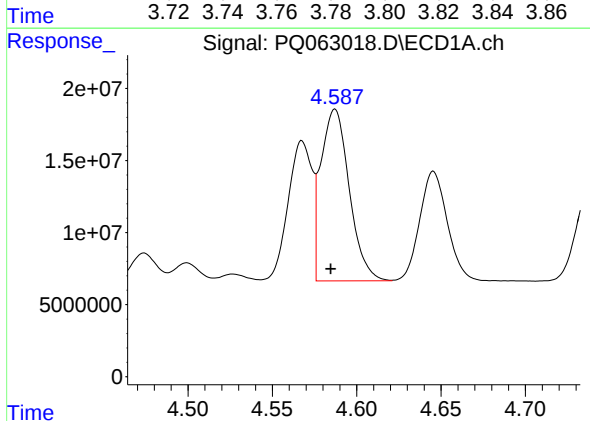
R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 96433237
Conc: 495.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



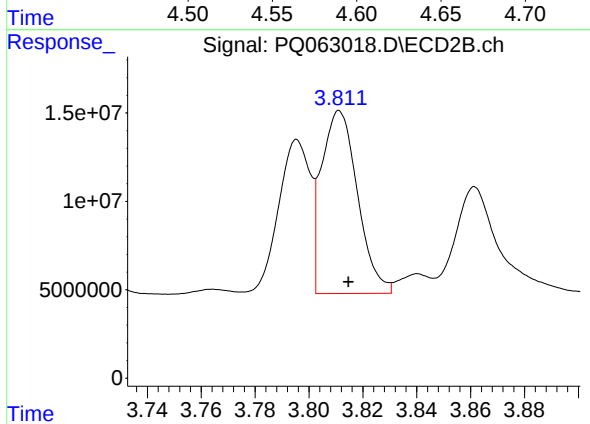
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 71281434
Conc: 447.28 ng/ml



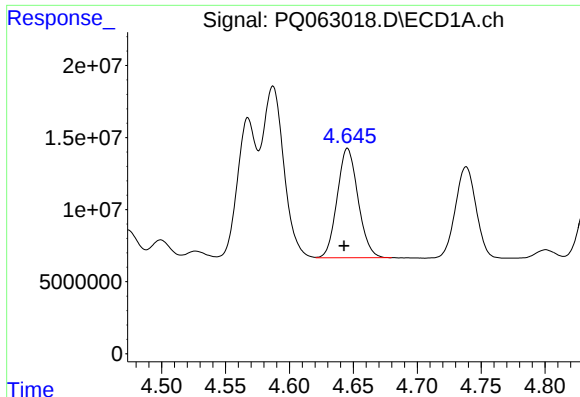
#4 AR-1016-2

R.T.: 4.587 min
Delta R.T.: 0.003 min
Response: 139578997
Conc: 503.03 ng/ml



#4 AR-1016-2

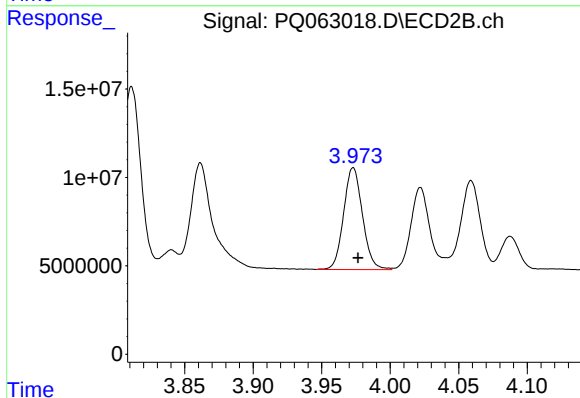
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 96207033
Conc: 450.25 ng/ml



#5 AR-1016-3

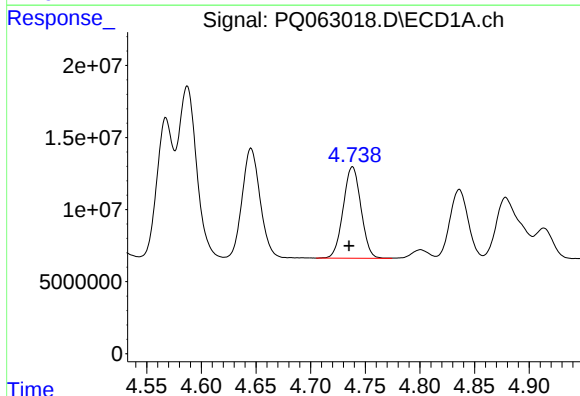
R.T.: 4.645 min
Delta R.T.: 0.003 min
Response: 86407052
Conc: 505.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



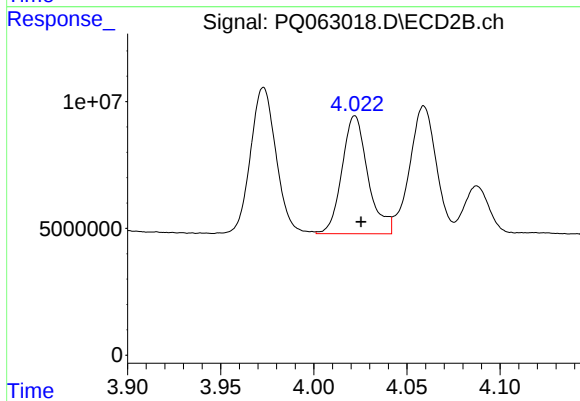
#5 AR-1016-3

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 55124356
Conc: 461.07 ng/ml



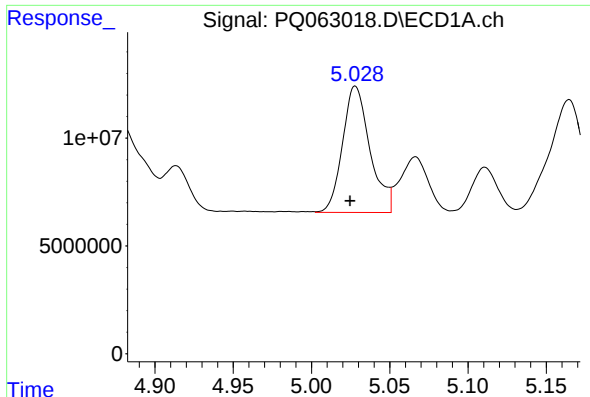
#6 AR-1016-4

R.T.: 4.738 min
Delta R.T.: 0.003 min
Response: 71814677
Conc: 510.30 ng/ml



#6 AR-1016-4

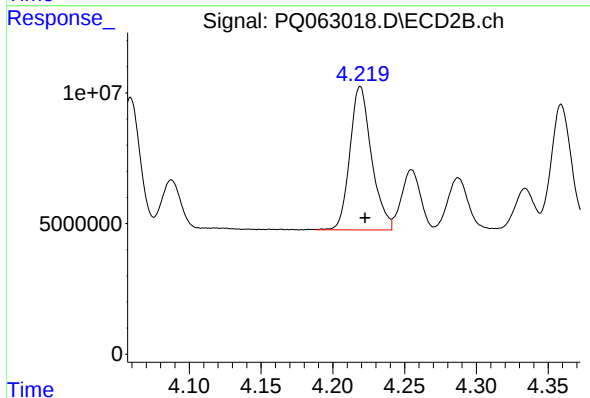
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 45187705
Conc: 465.73 ng/ml



#7 AR-1016-5

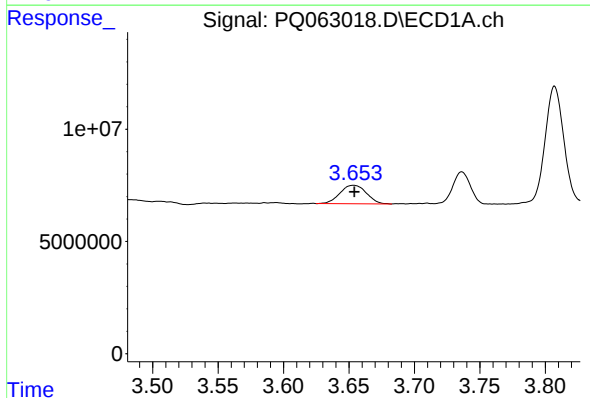
R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 71478718
Conc: 519.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



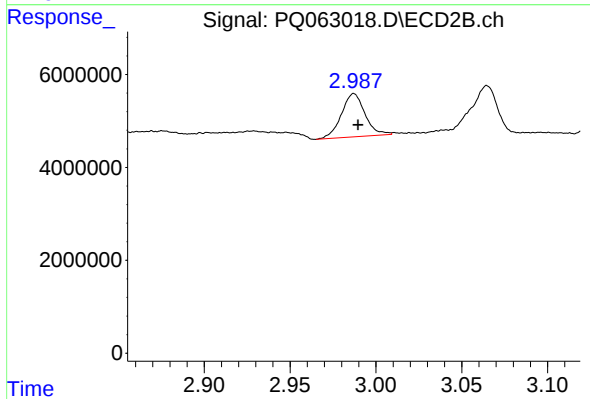
#7 AR-1016-5

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 57810183
Conc: 459.40 ng/ml



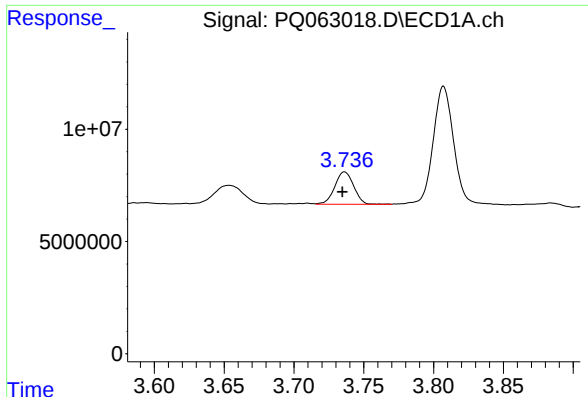
#8 AR-1221-1

R.T.: 3.653 min
Delta R.T.: 0.000 min
Response: 11607810
Conc: 170.59 ng/ml



#8 AR-1221-1

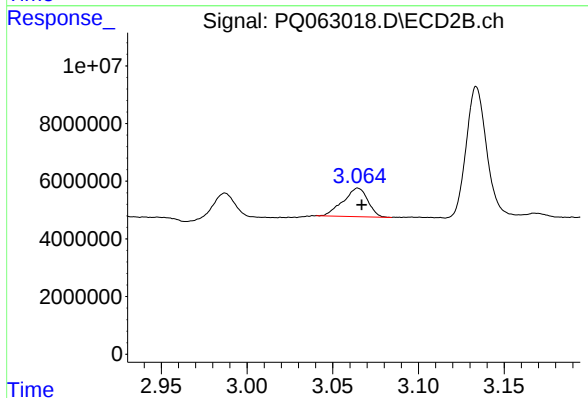
R.T.: 2.987 min
Delta R.T.: -0.002 min
Response: 8903151
Conc: 162.25 ng/ml



#9 AR-1221-2

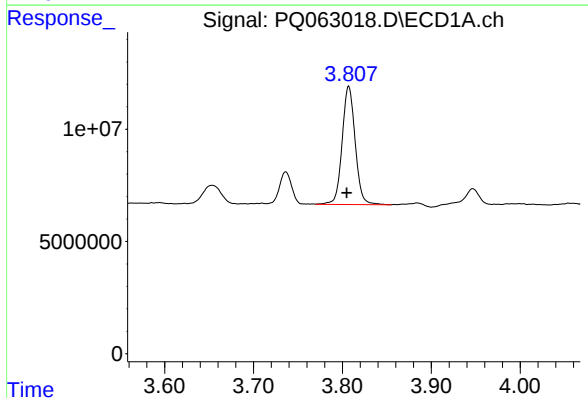
R.T.: 3.736 min
Delta R.T.: 0.002 min
Response: 13664685
Conc: 286.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



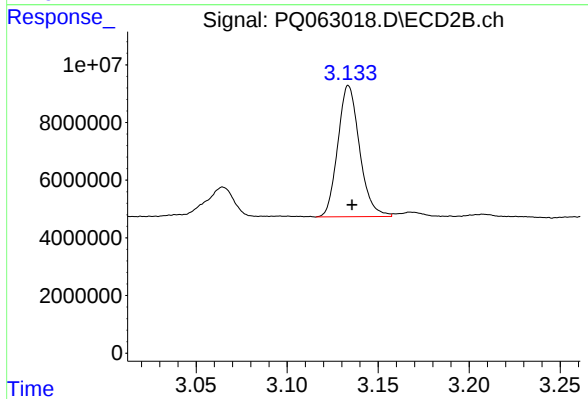
#9 AR-1221-2

R.T.: 3.065 min
Delta R.T.: -0.002 min
Response: 9896780
Conc: 262.38 ng/ml



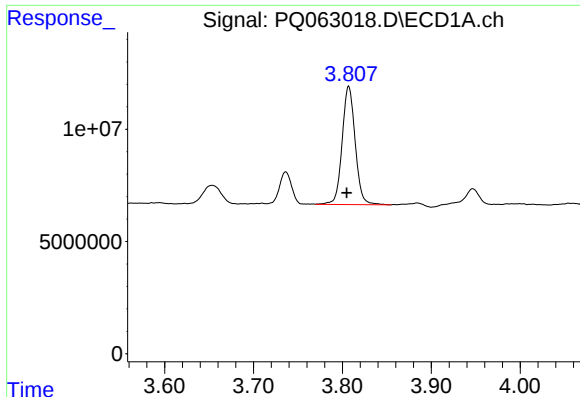
#10 AR-1221-3

R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 53853014
Conc: 348.95 ng/ml



#10 AR-1221-3

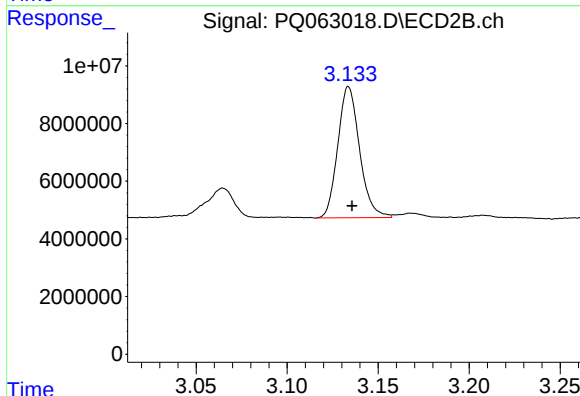
R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 37877982
Conc: 314.80 ng/ml



#11 AR-1232-1

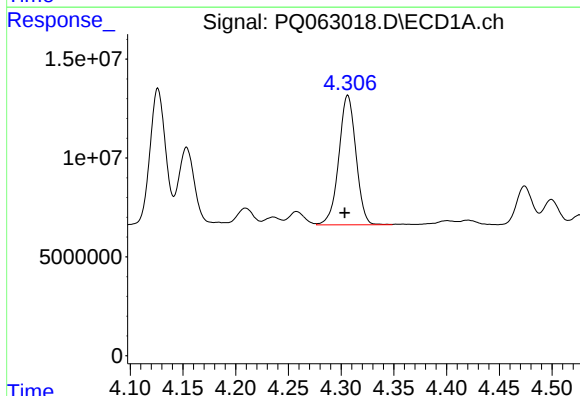
R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 53853014
Conc: 416.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



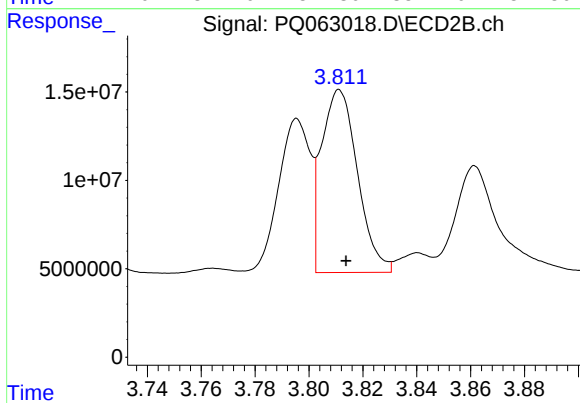
#11 AR-1232-1

R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 37877982
Conc: 388.75 ng/ml



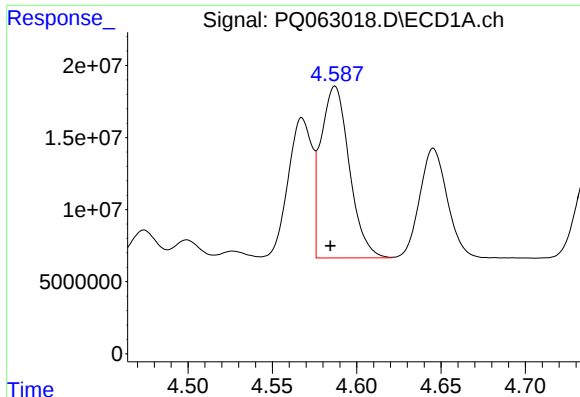
#12 AR-1232-2

R.T.: 4.306 min
Delta R.T.: 0.003 min
Response: 74027722
Conc: 1061.42 ng/ml



#12 AR-1232-2

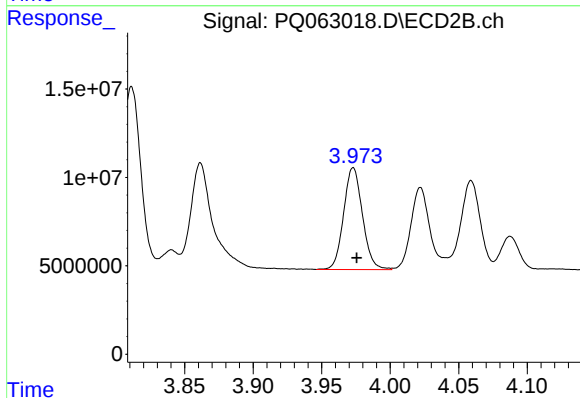
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 96207033
Conc: 989.04 ng/ml



#13 AR-1232-3

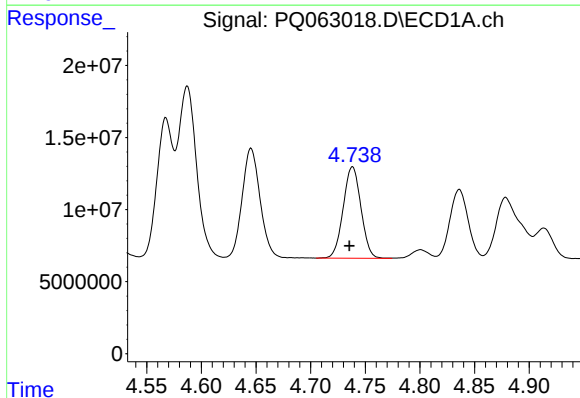
R.T.: 4.587 min
Delta R.T.: 0.003 min
Response: 139578997
Conc: 1142.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



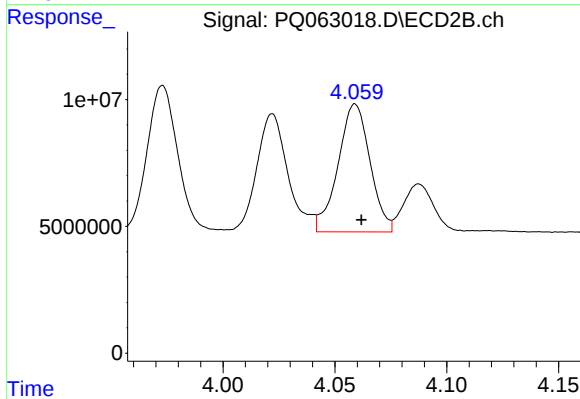
#13 AR-1232-3

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 55124356
Conc: 1038.18 ng/ml



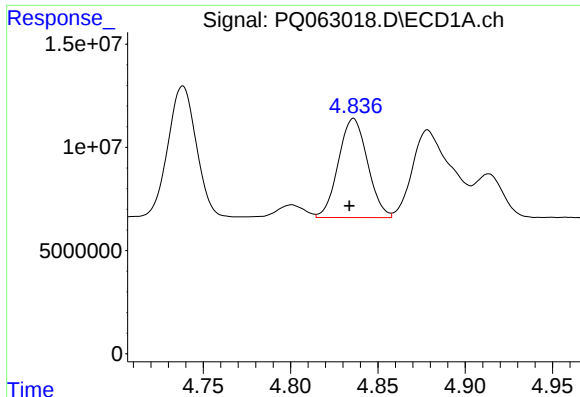
#14 AR-1232-4

R.T.: 4.738 min
Delta R.T.: 0.003 min
Response: 71814677
Conc: 1190.19 ng/ml



#14 AR-1232-4

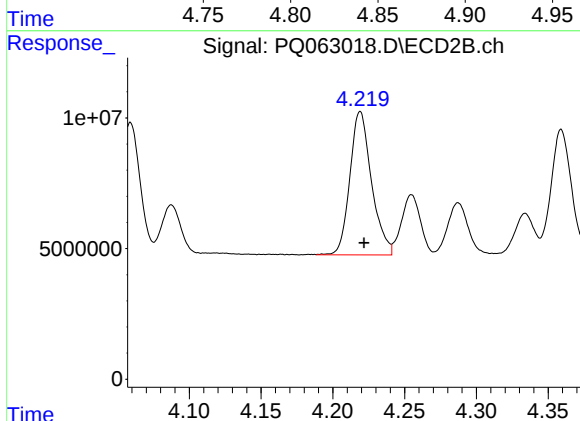
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 50277833
Conc: 1095.42 ng/ml



#15 AR-1232-5

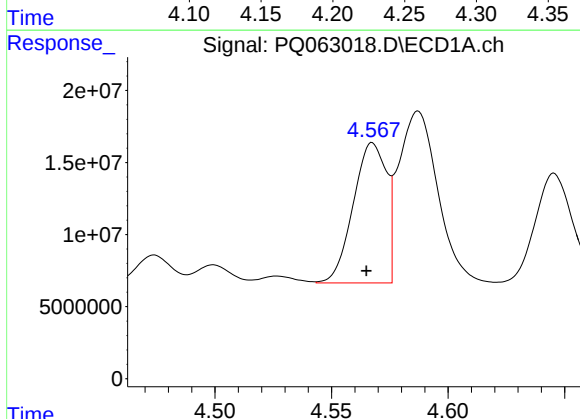
R.T.: 4.836 min
Delta R.T.: 0.002 min
Response: 55660734
Conc: 1275.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



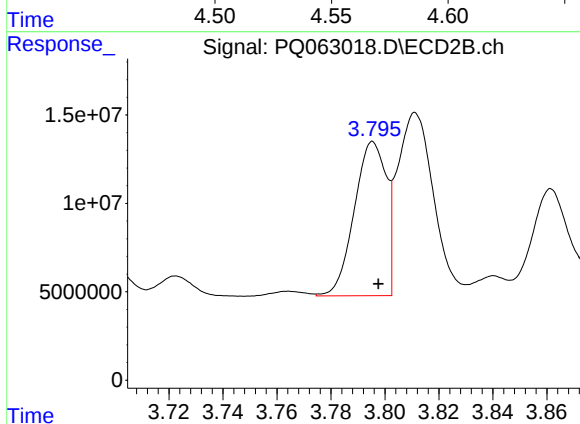
#15 AR-1232-5

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 57810183
Conc: 1066.16 ng/ml



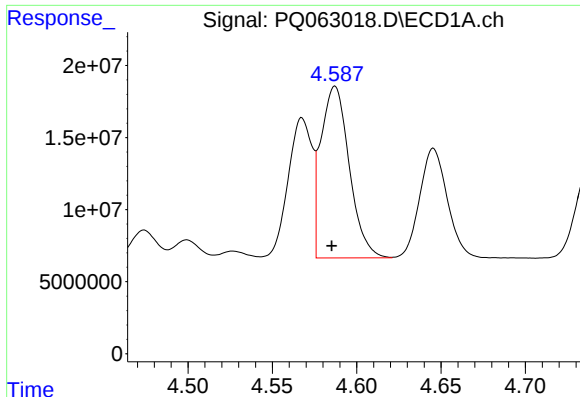
#16 AR-1242-1

R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 96433237
Conc: 571.36 ng/ml



#16 AR-1242-1

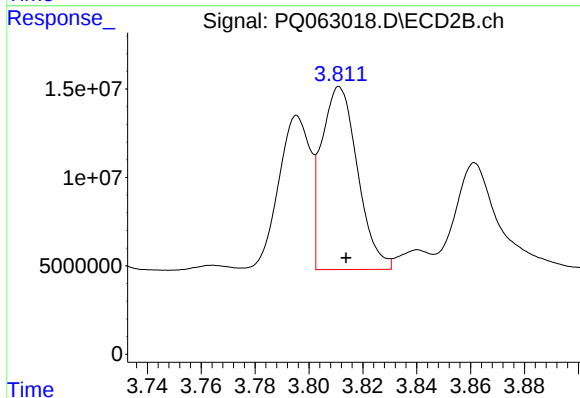
R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 71281434
Conc: 493.58 ng/ml



#17 AR-1242-2

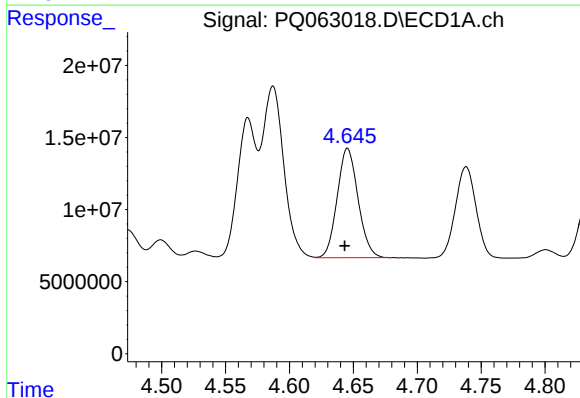
R.T.: 4.587 min
Delta R.T.: 0.002 min
Response: 139578997
Conc: 578.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



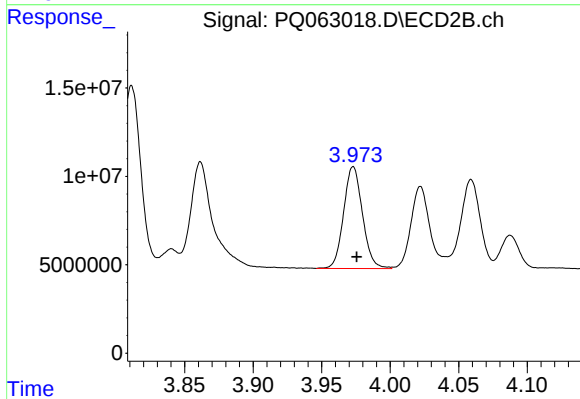
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 96207033
Conc: 506.41 ng/ml



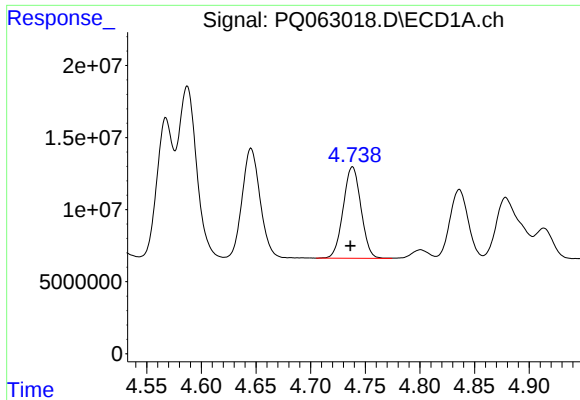
#18 AR-1242-3

R.T.: 4.645 min
Delta R.T.: 0.002 min
Response: 86407052
Conc: 589.88 ng/ml



#18 AR-1242-3

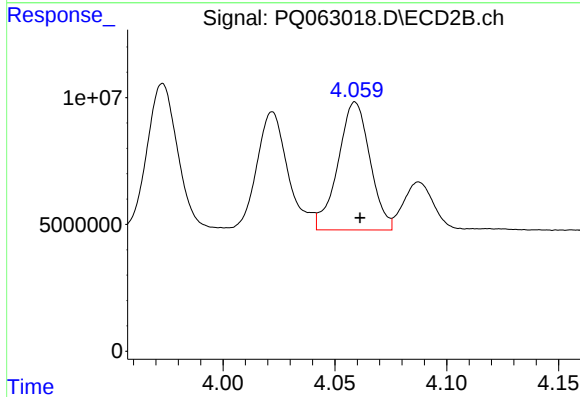
R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 55124356
Conc: 510.75 ng/ml



#19 AR-1242-4

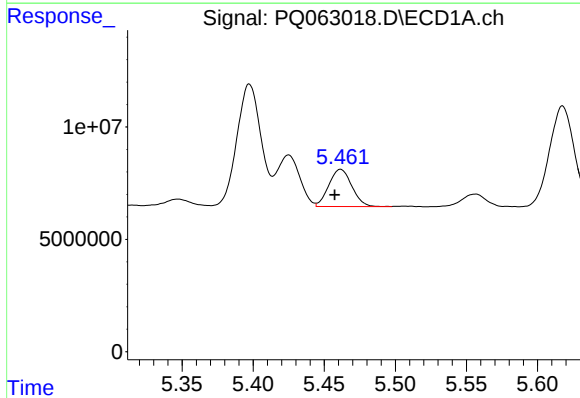
R.T.: 4.738 min
Delta R.T.: 0.002 min
Response: 71814677
Conc: 580.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



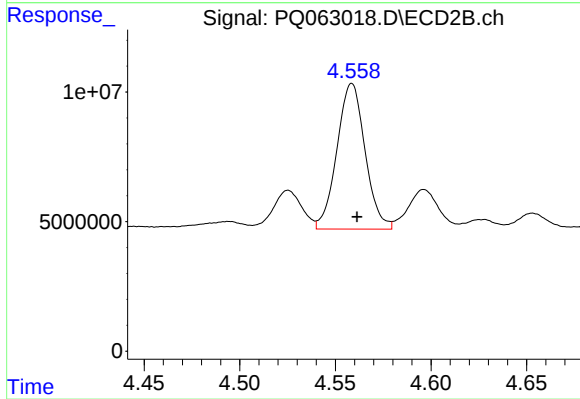
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 50277833
Conc: 504.65 ng/ml



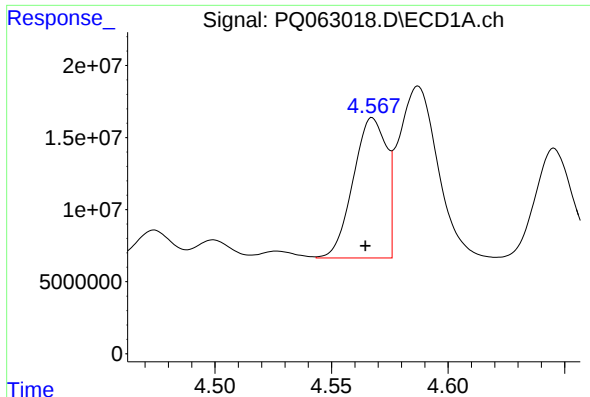
#20 AR-1242-5

R.T.: 5.462 min
Delta R.T.: 0.004 min
Response: 18674811
Conc: 141.31 ng/ml



#20 AR-1242-5

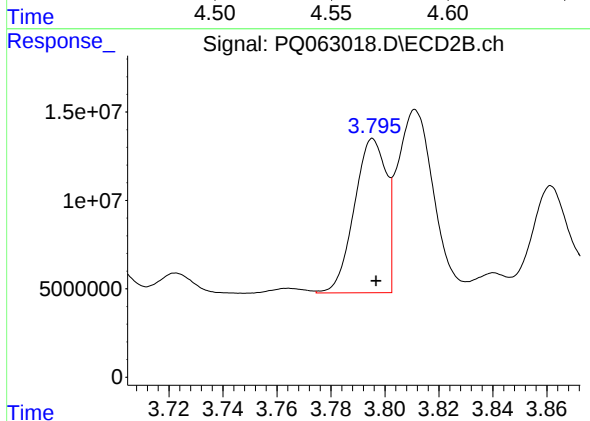
R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 57746568
Conc: 427.10 ng/ml



#21 AR-1248-1

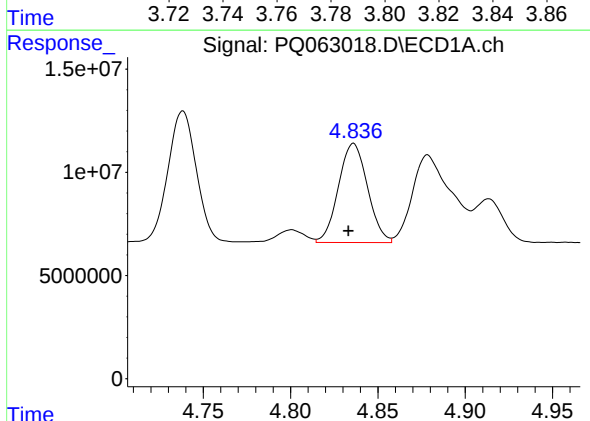
R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 96433237
Conc: 724.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



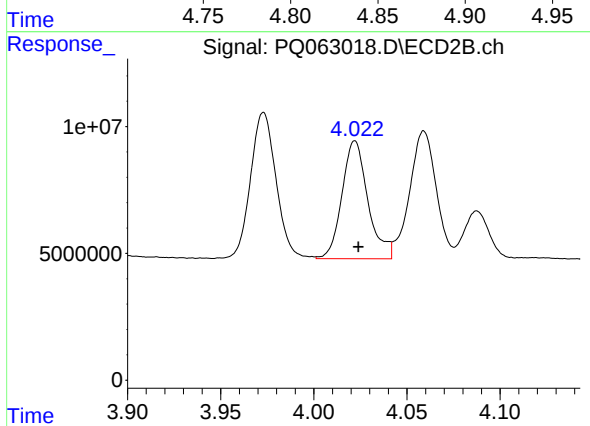
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 71281434
Conc: 638.10 ng/ml



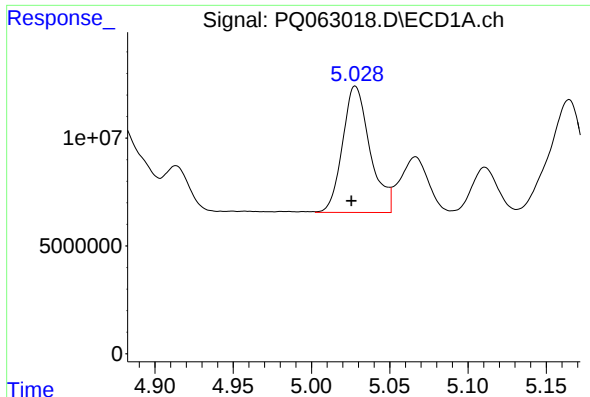
#22 AR-1248-2

R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 55660734
Conc: 318.51 ng/ml



#22 AR-1248-2

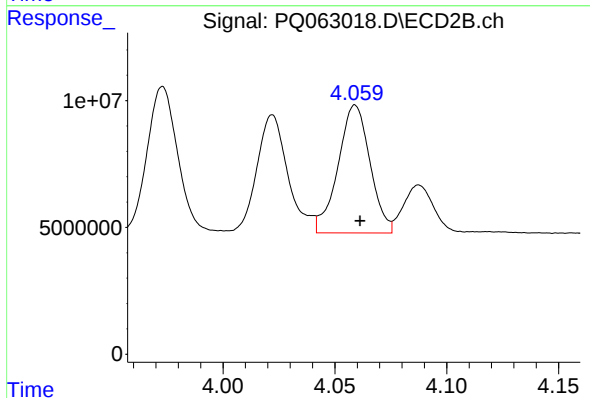
R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 45187705
Conc: 286.15 ng/ml



#23 AR-1248-3

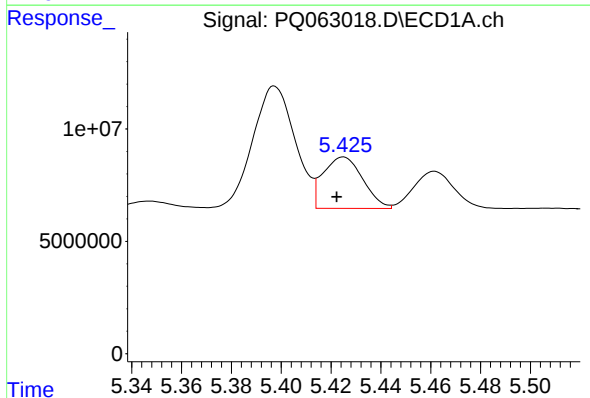
R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 71478718
Conc: 338.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



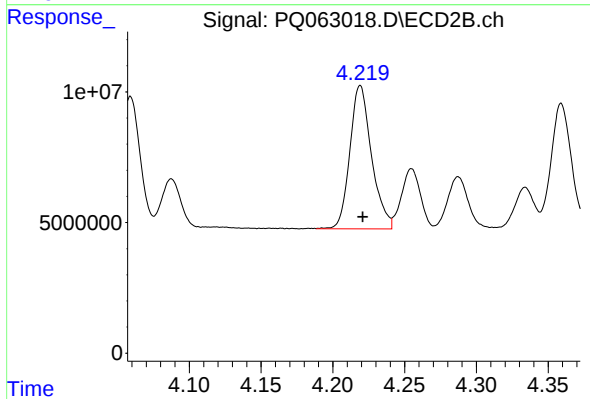
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 50277833
Conc: 329.69 ng/ml



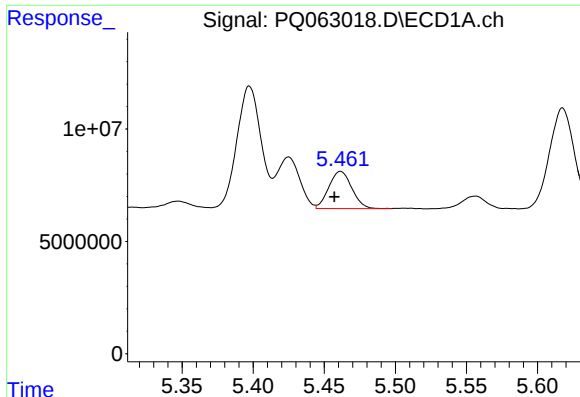
#24 AR-1248-4

R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 25287824
Conc: 106.13 ng/ml



#24 AR-1248-4

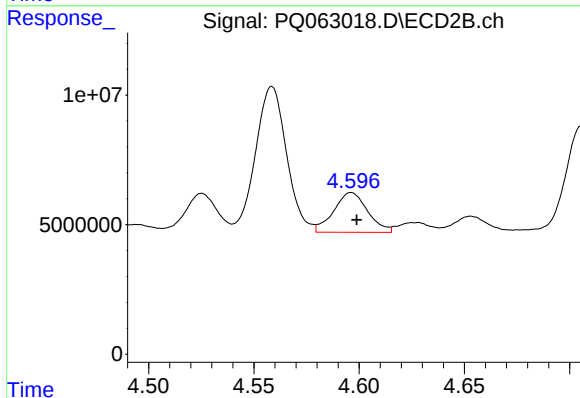
R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 57810183
Conc: 304.01 ng/ml



#25 AR-1248-5

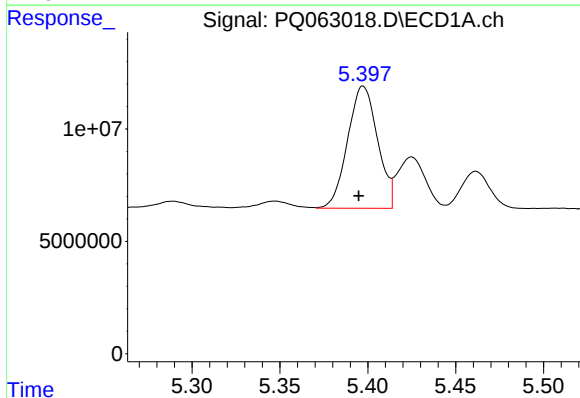
R.T.: 5.462 min
Delta R.T.: 0.004 min
Response: 18674811
Conc: 80.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



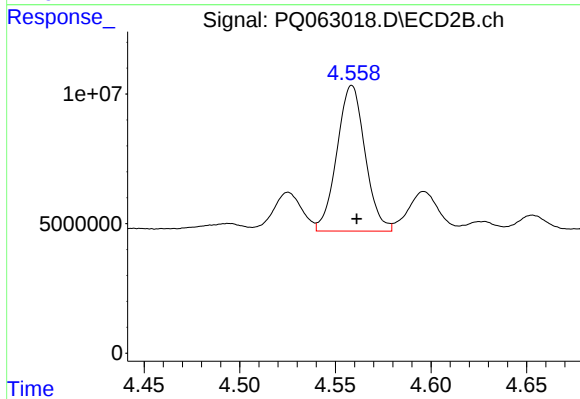
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 17208021
Conc: 88.97 ng/ml



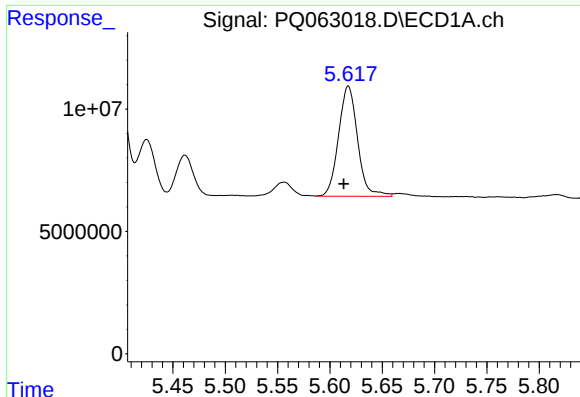
#26 AR-1254-1

R.T.: 5.397 min
Delta R.T.: 0.002 min
Response: 64389417
Conc: 294.01 ng/ml



#26 AR-1254-1

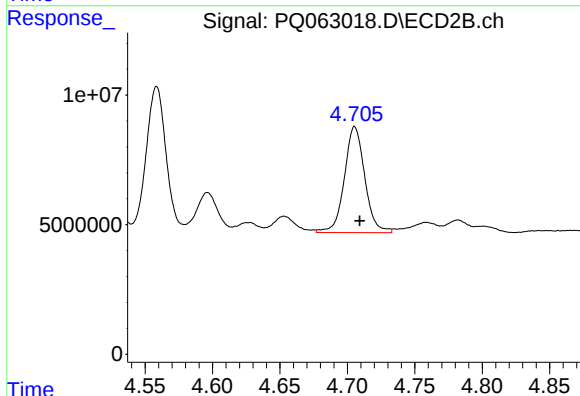
R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 57746568
Conc: 215.22 ng/ml



#27 AR-1254-2

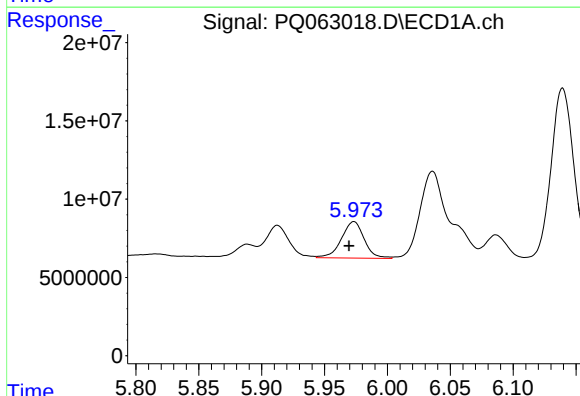
R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 56971636
Conc: 168.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



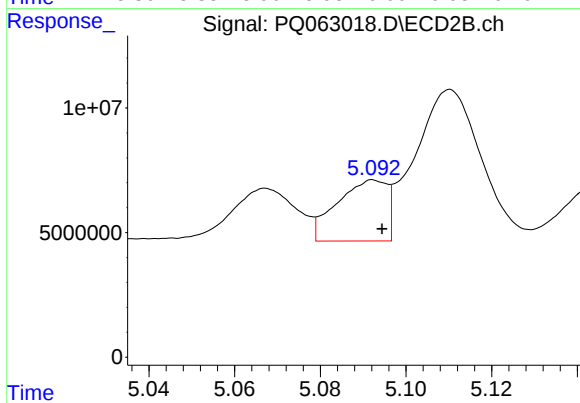
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 43178713
Conc: 183.96 ng/ml



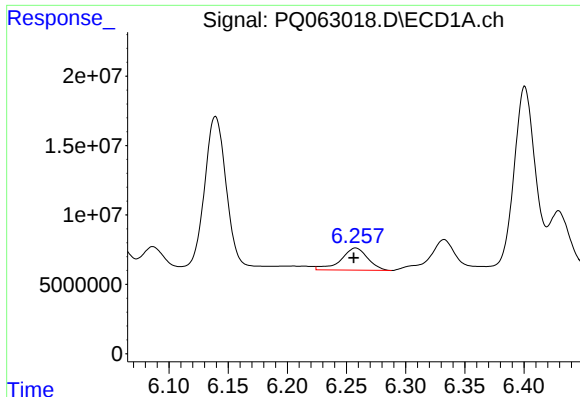
#28 AR-1254-3

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 29323313
Conc: 81.79 ng/ml



#28 AR-1254-3

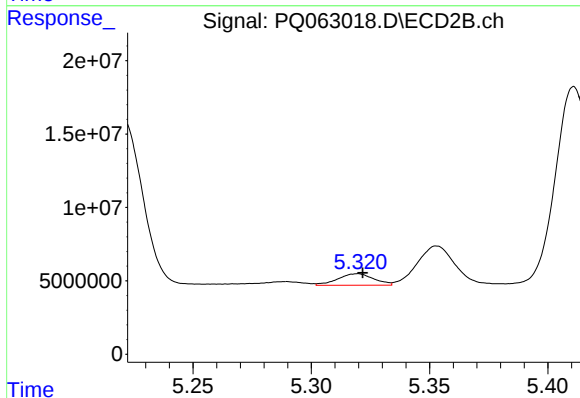
R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 19804007
Conc: 52.37 ng/ml



#29 AR-1254-4

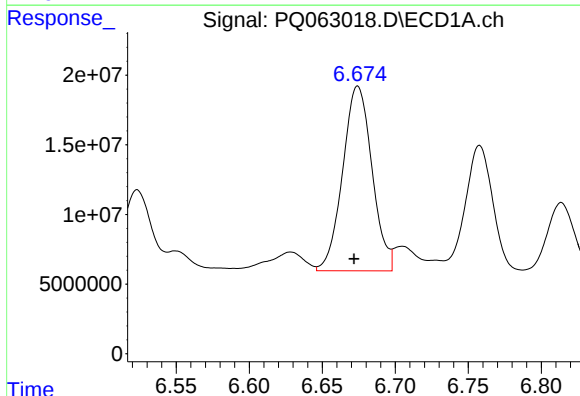
R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 25288199
Conc: 93.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



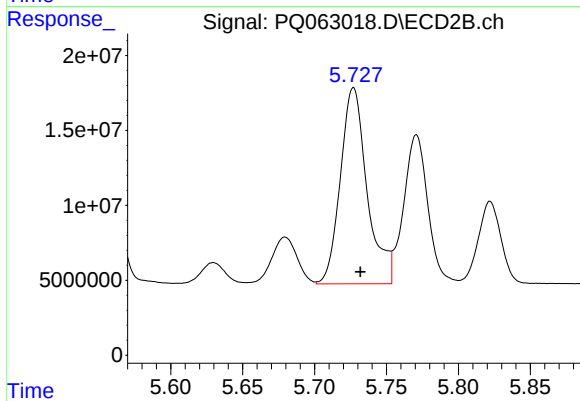
#29 AR-1254-4

R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 8331461
Conc: 34.10 ng/ml



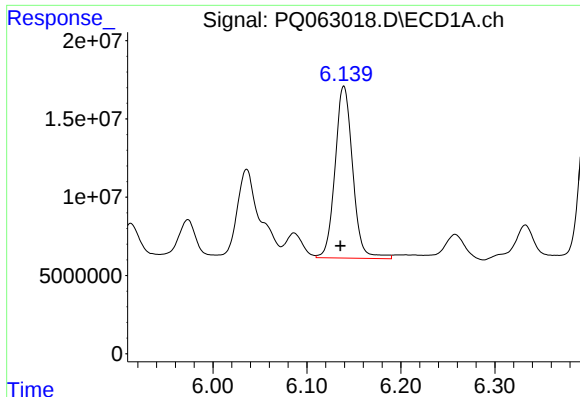
#30 AR-1254-5

R.T.: 6.674 min
Delta R.T.: 0.003 min
Response: 185532696
Conc: 671.17 ng/ml



#30 AR-1254-5

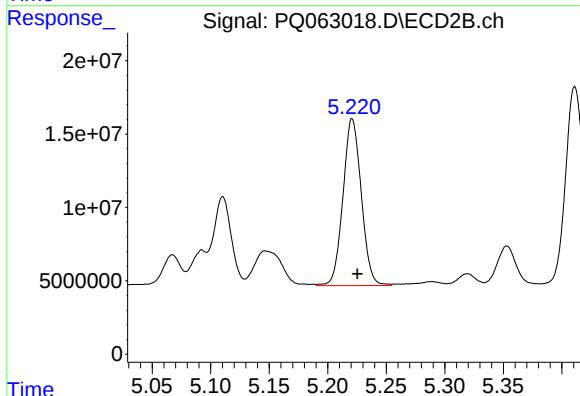
R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 170009442
Conc: 492.59 ng/ml



#31 AR-1260-1

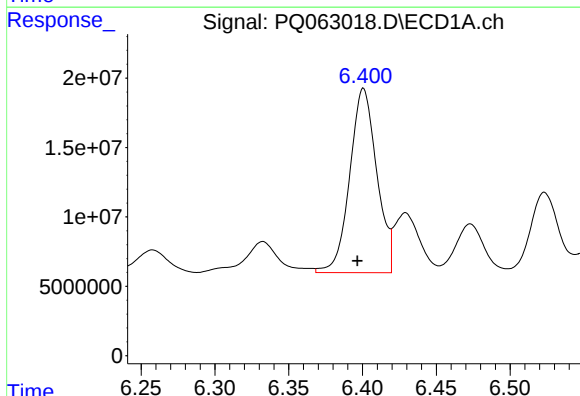
R.T.: 6.139 min
Delta R.T.: 0.004 min
Response: 142989848
Conc: 559.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



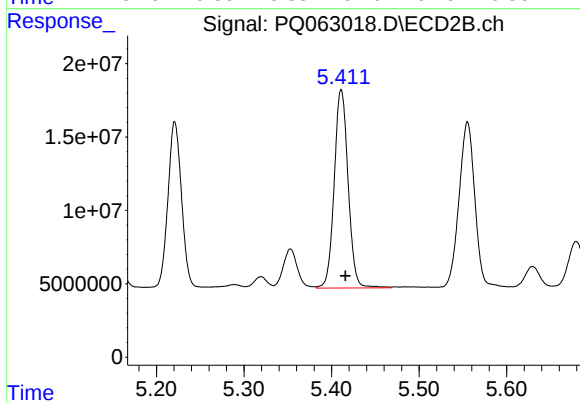
#31 AR-1260-1

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 123515059
Conc: 494.90 ng/ml



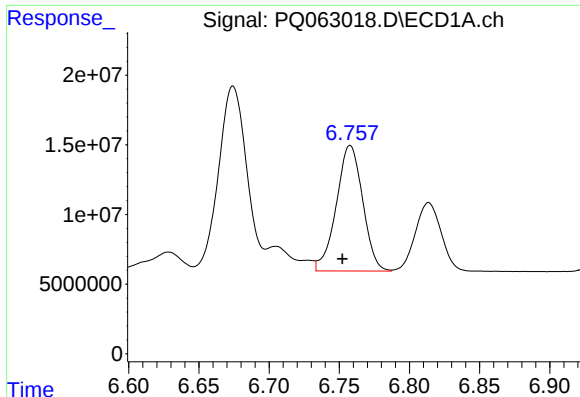
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: 0.004 min
Response: 169293456
Conc: 557.78 ng/ml



#32 AR-1260-2

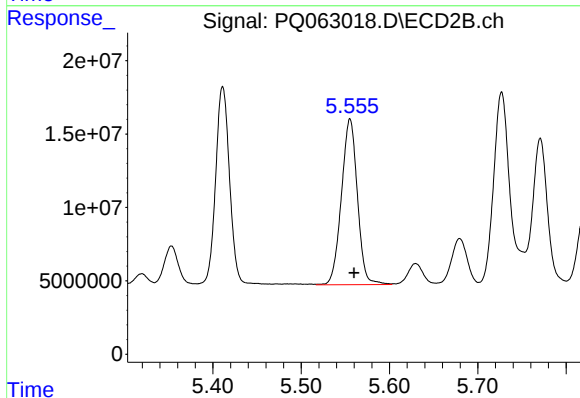
R.T.: 5.411 min
Delta R.T.: -0.005 min
Response: 149192155
Conc: 484.43 ng/ml



#33 AR-1260-3

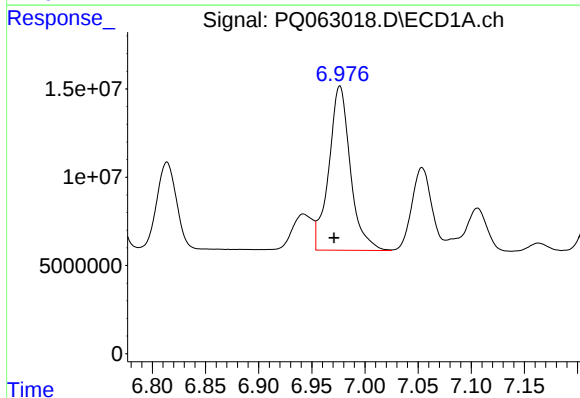
R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 117987378
Conc: 559.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



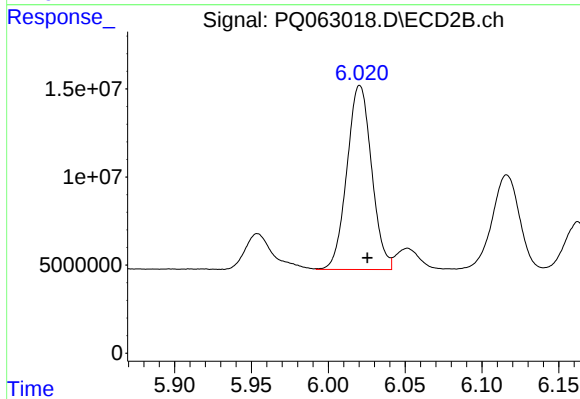
#33 AR-1260-3

R.T.: 5.555 min
Delta R.T.: -0.005 min
Response: 141924378
Conc: 458.01 ng/ml



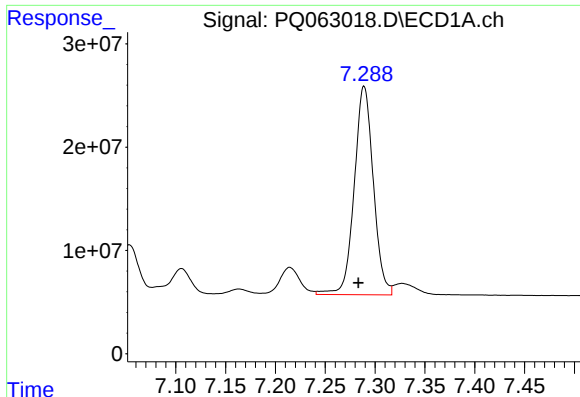
#34 AR-1260-4

R.T.: 6.976 min
Delta R.T.: 0.006 min
Response: 131361137
Conc: 548.13 ng/ml



#34 AR-1260-4

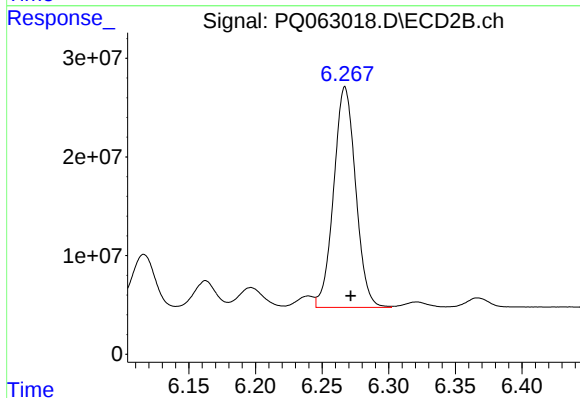
R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 116929933
Conc: 476.85 ng/ml



#35 AR-1260-5

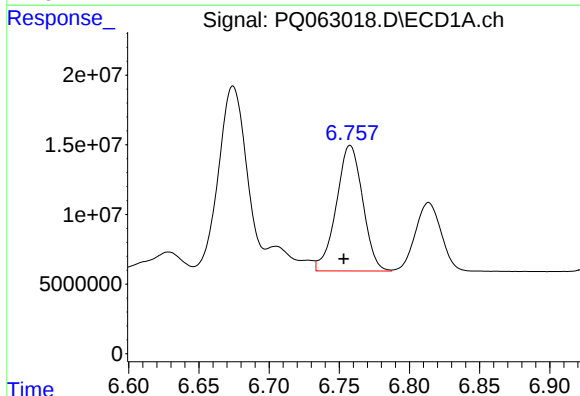
R.T.: 7.289 min
Delta R.T.: 0.006 min
Response: 269583182
Conc: 574.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



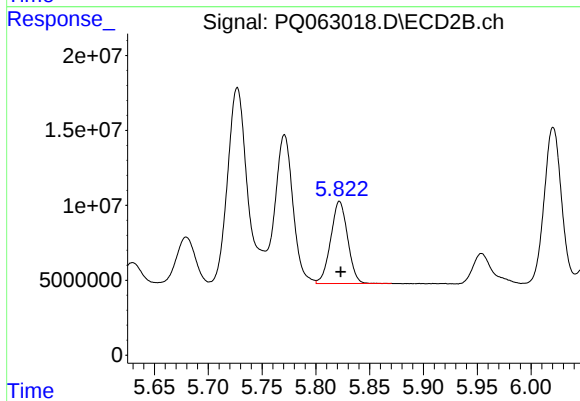
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 256764917
Conc: 469.82 ng/ml



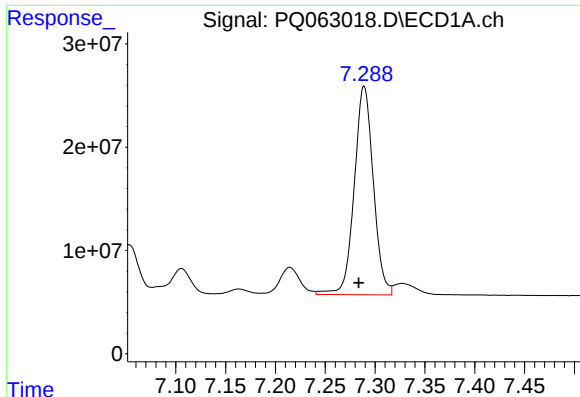
#36 AR-1262-1

R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 117987378
Conc: 365.35 ng/ml



#36 AR-1262-1

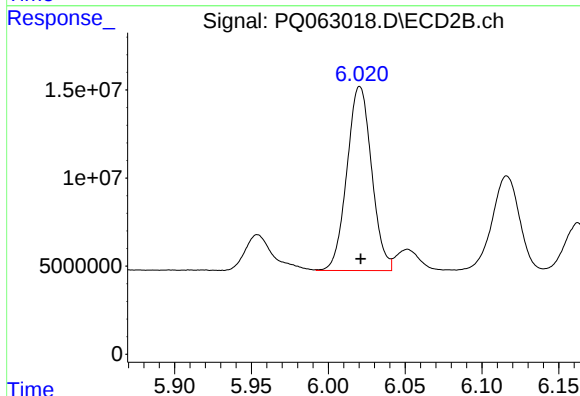
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 60122925
Conc: 421.07 ng/ml



#37 AR-1262-2

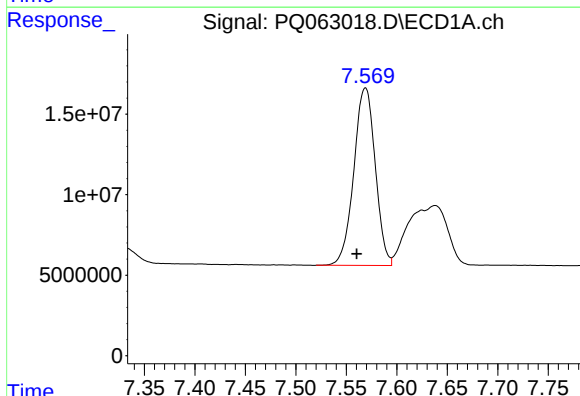
R.T.: 7.289 min
Delta R.T.: 0.005 min
Response: 269583182
Conc: 496.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



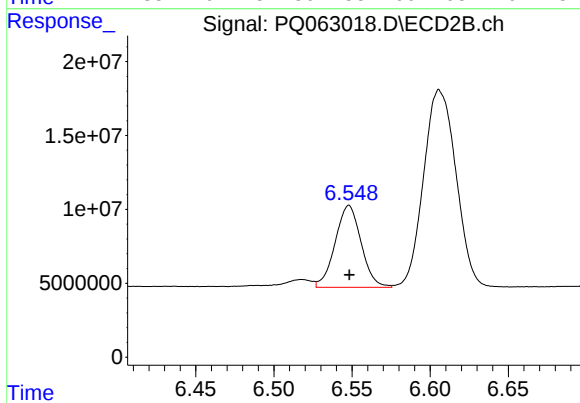
#37 AR-1262-2

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 116929933
Conc: 374.18 ng/ml



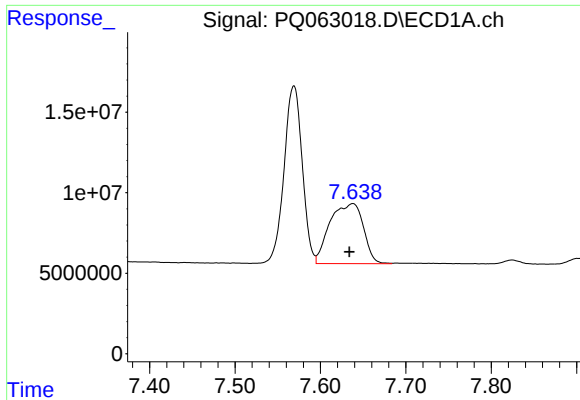
#38 AR-1262-3

R.T.: 7.569 min
Delta R.T.: 0.009 min
Response: 162872386
Conc: 450.90 ng/ml



#38 AR-1262-3

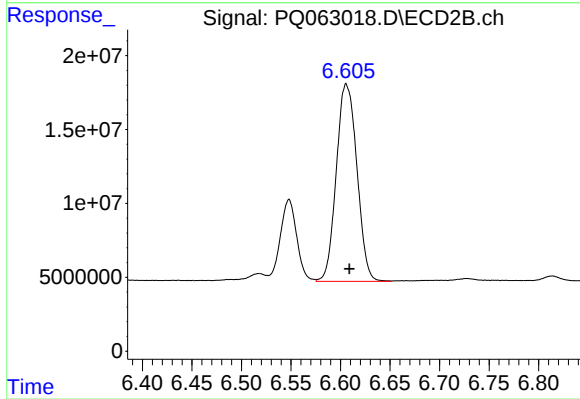
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 64115274
Conc: 254.34 ng/ml



#39 AR-1262-4

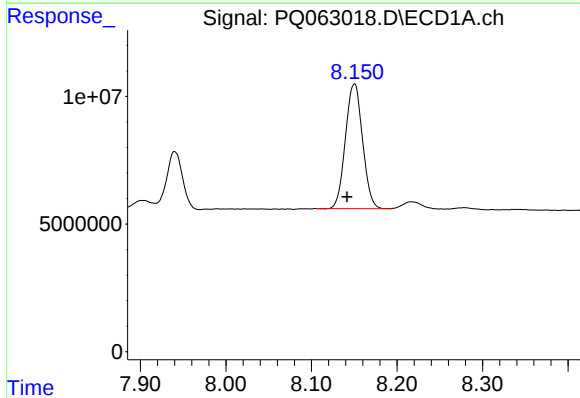
R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 101456430
Conc: 361.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



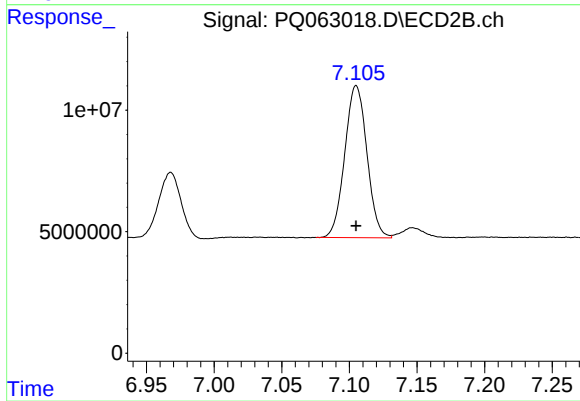
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 193585585
Conc: 414.08 ng/ml



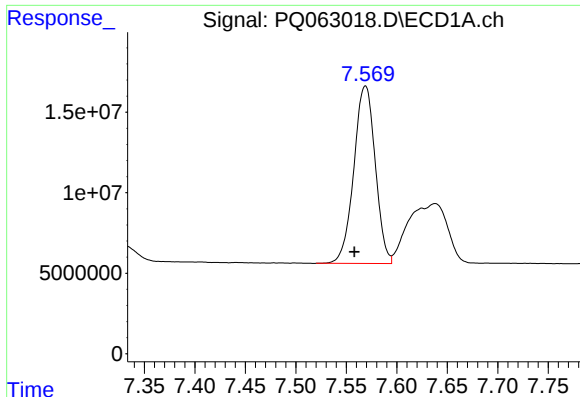
#40 AR-1262-5

R.T.: 8.150 min
Delta R.T.: 0.009 min
Response: 67989417
Conc: 361.73 ng/ml



#40 AR-1262-5

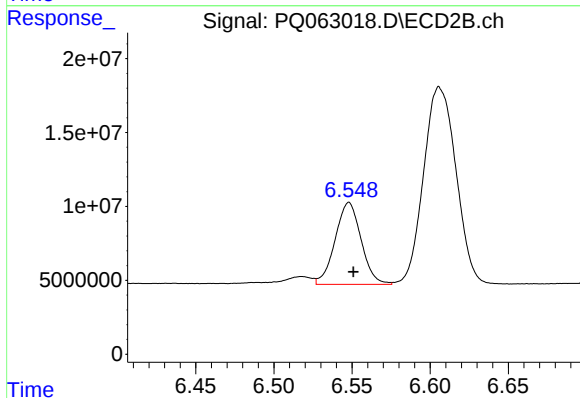
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 71538875
Conc: 325.57 ng/ml



#41 AR-1268-1

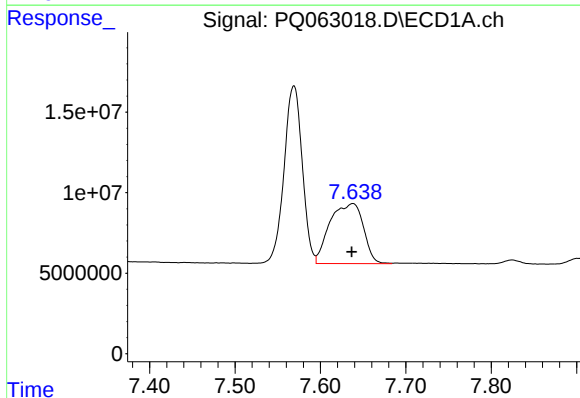
R.T.: 7.569 min
Delta R.T.: 0.011 min
Response: 162872386
Conc: 251.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



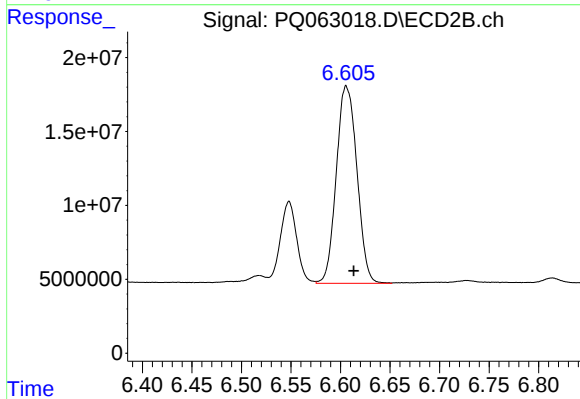
#41 AR-1268-1

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 64115274
Conc: 85.91 ng/ml



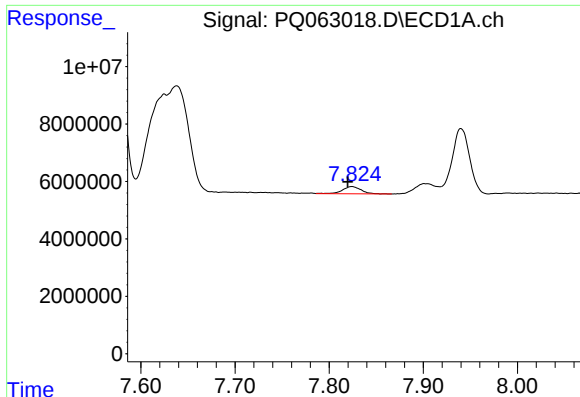
#42 AR-1268-2

R.T.: 7.638 min
Delta R.T.: 0.001 min
Response: 101456430
Conc: 169.18 ng/ml



#42 AR-1268-2

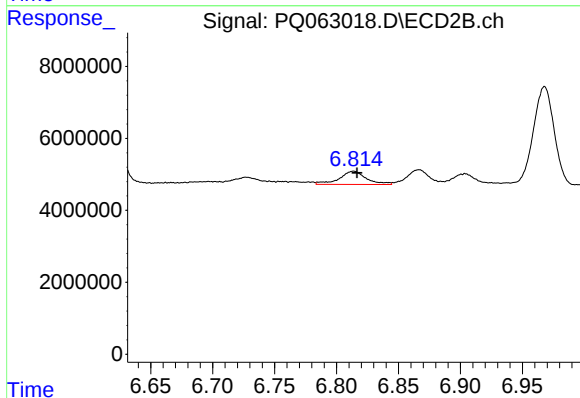
R.T.: 6.606 min
Delta R.T.: -0.008 min
Response: 193585585
Conc: 281.93 ng/ml



#43 AR-1268-3

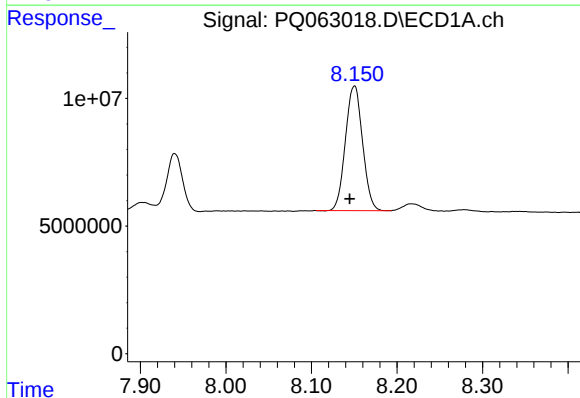
R.T.: 7.824 min
Delta R.T.: 0.005 min
Response: 3473187
Conc: 7.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



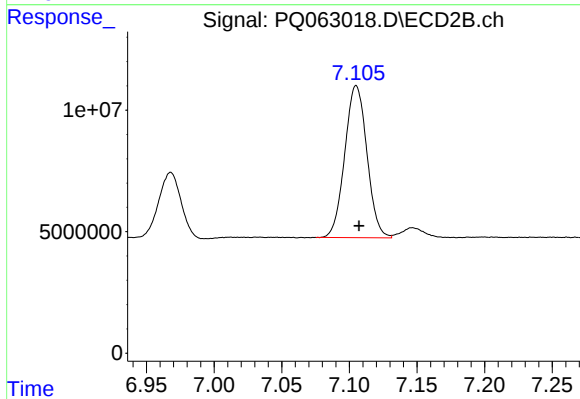
#43 AR-1268-3

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 5551879
Conc: 9.46 ng/ml



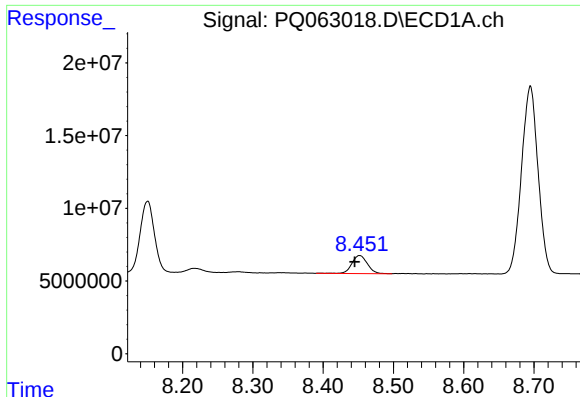
#44 AR-1268-4

R.T.: 8.150 min
Delta R.T.: 0.006 min
Response: 67989417
Conc: 316.91 ng/ml



#44 AR-1268-4

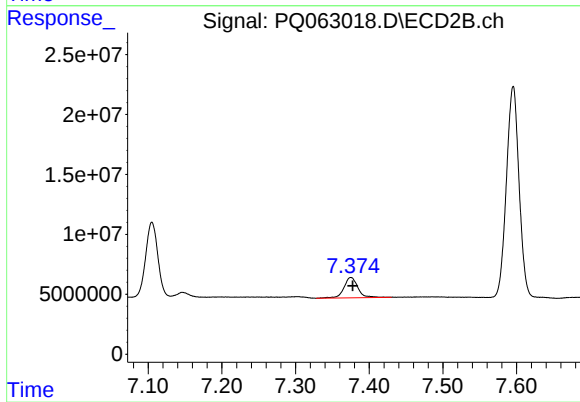
R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 71538875
Conc: 280.94 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.007 min
Response: 18911220
Conc: 12.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 22198504
Conc: 12.53 ng/ml