

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
 Data File : PQ064083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2023 16:45
 Operator : YP\AJ
 Sample : PB157154BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 20:03:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.460	2.777	84745224	79663994	19.882	21.662
2)	SA Decachlor...	8.693	7.574	67580501	100.7E6	20.932	21.501
Target Compounds							
3)	L1 AR-1016-1	4.575	3.786	65215041	60253628	473.225	478.287
4)	L1 AR-1016-2	4.594	3.802	98589032	86058225	466.778	474.987
5)	L1 AR-1016-3	4.652	3.963	60328838	45417362	452.992	466.059
6)	L1 AR-1016-4	4.745	4.012	48743771	39450186	463.616	467.603
7)	L1 AR-1016-5	5.035	4.208	49500586	46843912	467.233	468.388
8)	L2 AR-1221-1	3.659	2.980	6664385	6286736	123.160	121.997
9)	L2 AR-1221-2	3.743	3.058	7782371	8082237	213.042	231.800
10)	L2 AR-1221-3	3.813	3.126	35070344	35950586	295.313	325.925
11)	L3 AR-1232-1	3.813	3.126	35070344	35950586	374.953	415.186
12)	L3 AR-1232-2	4.313	3.802	50850960	86058225	968.276	1081.928
13)	L3 AR-1232-3	4.594	3.963	98589032	45417362	1096.132	1097.057
14)	L3 AR-1232-4	4.745	4.049	48743771	42978558	1114.775	1183.441
15)	L3 AR-1232-5	4.843	4.208	39925001	46843912	1193.920	1114.870
16)	L4 AR-1242-1	4.575	3.786	65215041	60253628	578.742	585.744
17)	L4 AR-1242-2	4.594	3.802	98589032	86058225	583.022	583.162
18)	L4 AR-1242-3	4.652	3.963	60328838	45417362	571.590	570.890
19)	L4 AR-1242-4	4.745	4.049	48743771	42978558	574.486	566.359
20)	L4 AR-1242-5	5.467	4.546	6627745	37381807	74.956	371.611 #
21)	L5 AR-1248-1	4.575	3.786	65215041	60253628	783.310	772.739
22)	L5 AR-1248-2	4.843	4.012	39925001	39450186	328.949	332.794
23)	L5 AR-1248-3	5.035	4.049	49500586	42978558	341.871	381.479
24)	L5 AR-1248-4	5.431	4.208	7745781	46843912	49.981	340.292 #
25)	L5 AR-1248-5	5.467	4.584	6627745	5829845	43.345	43.419
26)	L6 AR-1254-1	5.404	4.546	38371619	37381807	244.483	192.329
27)	L6 AR-1254-2	5.624	4.694	43152348	36177950	181.958	207.675
28)	L6 AR-1254-3	5.978	5.078	22668955	19089476	91.429	71.317
29)	L6 AR-1254-4	6.263	5.304	14830207	7686066	81.834	43.813 #
30)	L6 AR-1254-5	6.679	5.711	133.4E6	134.3E6	668.616	526.690
31)	L7 AR-1260-1	6.144	5.207	95049462	90097296	464.275	455.510
32)	L7 AR-1260-2	6.406	5.398	113.7E6	109.1E6	470.853	456.966
33)	L7 AR-1260-3	6.761	5.539	71401071	101.7E6	443.619	450.332
34)	L7 AR-1260-4	6.981	6.004	84284820	75369291	456.851	438.037
35)	L7 AR-1260-5	7.293	6.251	157.5E6	174.3E6	443.151	436.851
36)	L8 AR-1262-1	6.761	5.806	71401071	39595364	273.216	361.670 #
37)	L8 AR-1262-2	7.293	6.004	157.5E6	75369291	370.272	305.116
38)	L8 AR-1262-3	7.573	6.530	99640496	35225492	347.754	173.875 #
39)	L8 AR-1262-4	7.643	6.588	56254719	130.9E6	245.164	351.392 #
40)	L8 AR-1262-5	8.153	7.086	35802145	49993402	251.337	276.499
41)	L9 AR-1268-1	7.573	6.530	99640496	35225492	201.494	61.393 #

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 Acq On : 14 Nov 2023 16:45
 Operator : YP\AJ
 Sample : PB157154BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

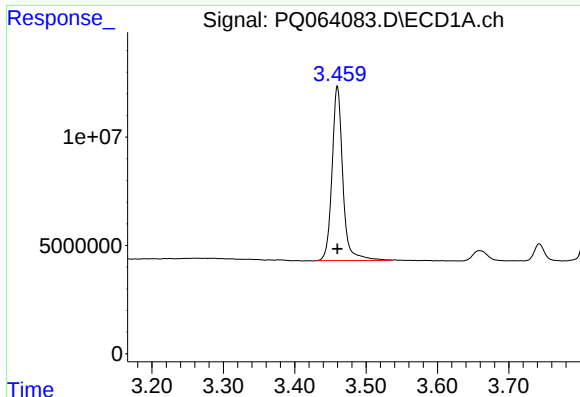
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 20:03:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
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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	7.643	6.588	56254719	130.9E6	125.619	252.239 #
43) L9	AR-1268-3	7.827	6.793	3110472	3310107	7.973	7.139
44) L9	AR-1268-4	8.153	7.086	35802145	49993402	229.011	255.950
45) L9	AR-1268-5	8.453	7.355	11804689	20699915	10.469	13.525 #

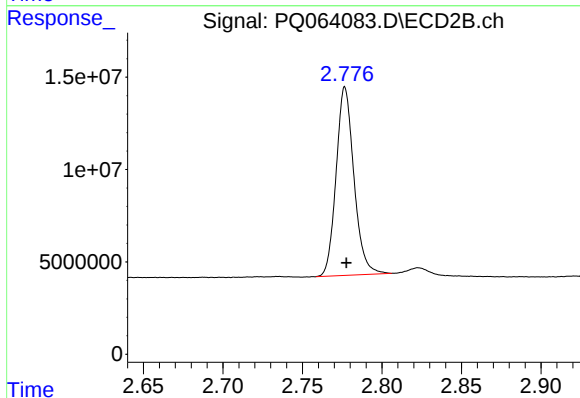
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

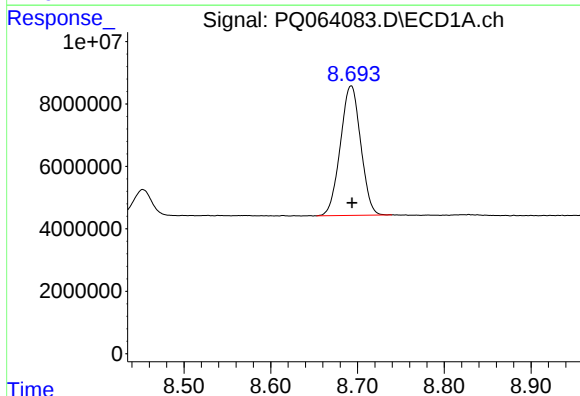
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 84745224
Conc: 19.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



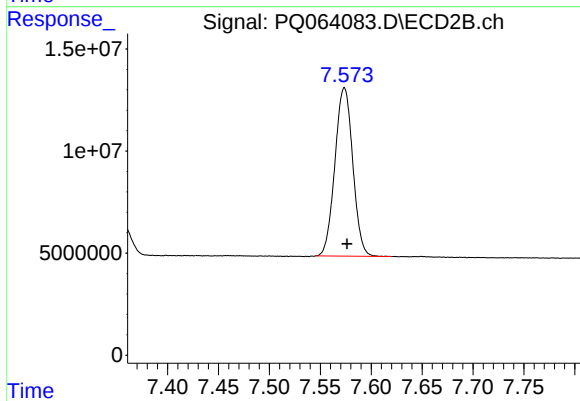
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 79663994
Conc: 21.66 ng/ml



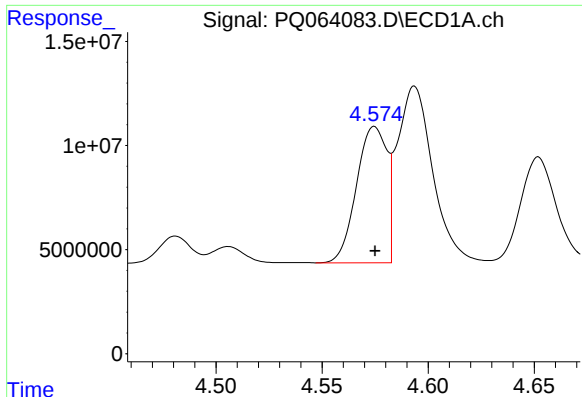
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: -0.001 min
Response: 67580501
Conc: 20.93 ng/ml



#2 Decachlorobiphenyl

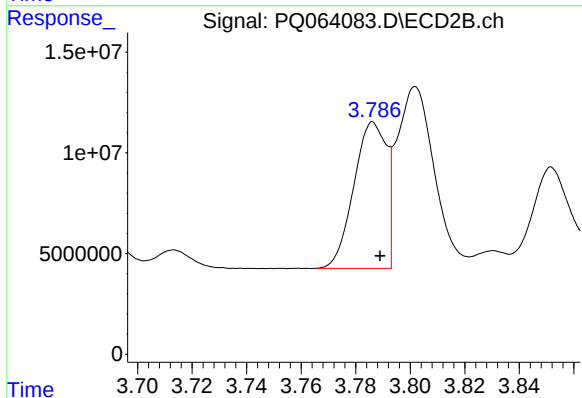
R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 100743156
Conc: 21.50 ng/ml



#3 AR-1016-1

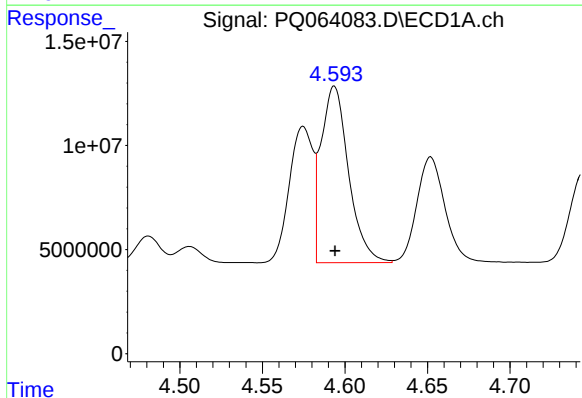
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 65215041
Conc: 473.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



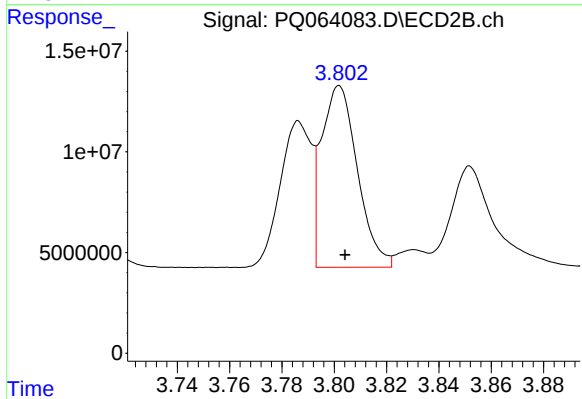
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 60253628
Conc: 478.29 ng/ml



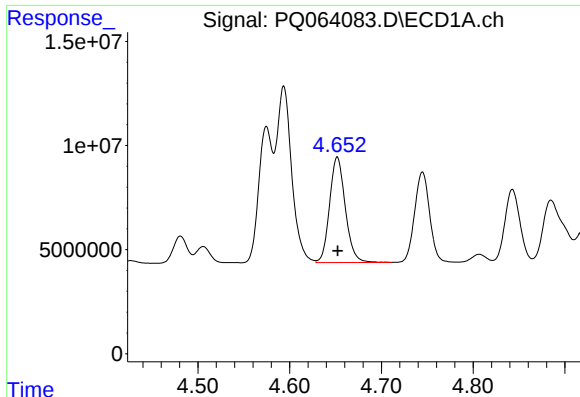
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 98589032
Conc: 466.78 ng/ml



#4 AR-1016-2

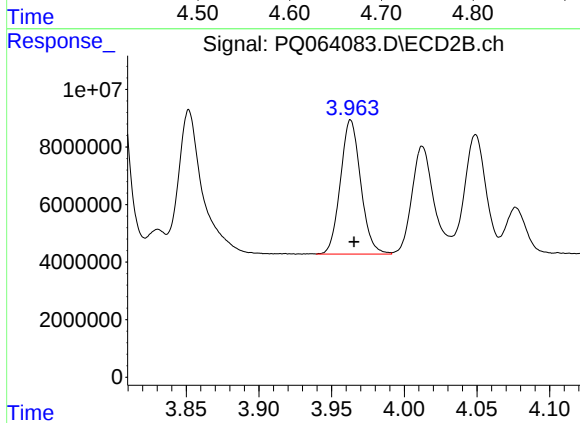
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 86058225
Conc: 474.99 ng/ml



#5 AR-1016-3

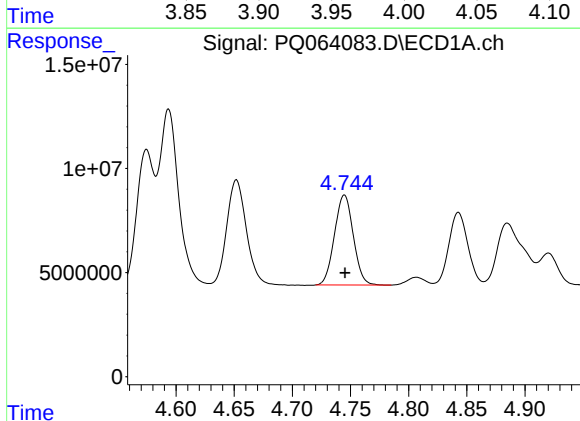
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 60328838
Conc: 452.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



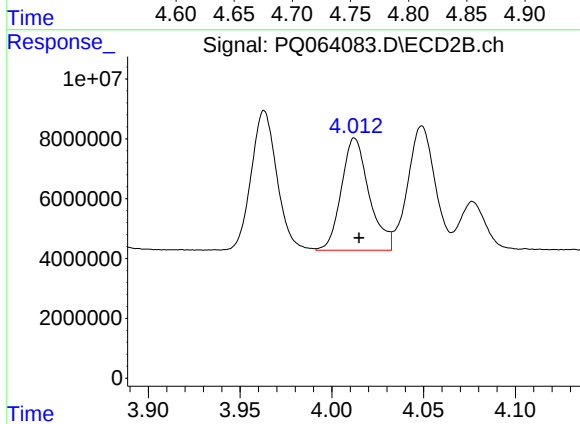
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 45417362
Conc: 466.06 ng/ml



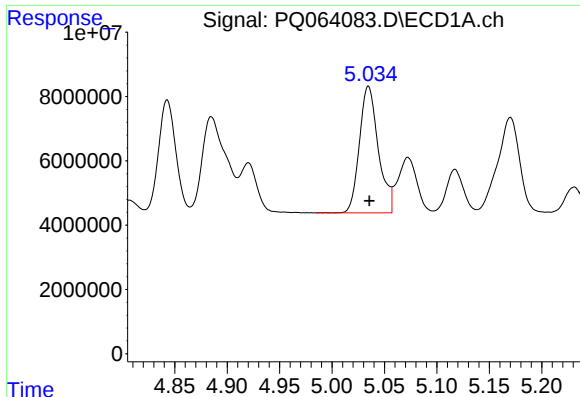
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 48743771
Conc: 463.62 ng/ml



#6 AR-1016-4

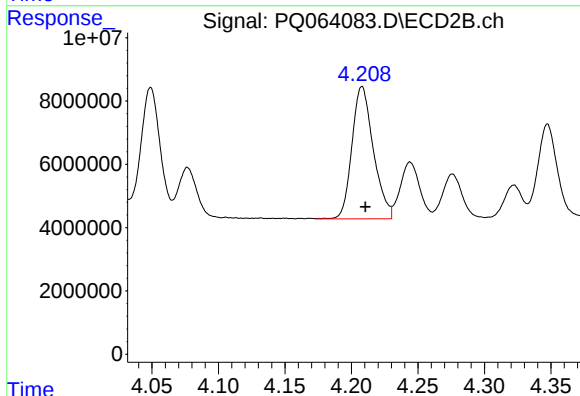
R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 39450186
Conc: 467.60 ng/ml



#7 AR-1016-5

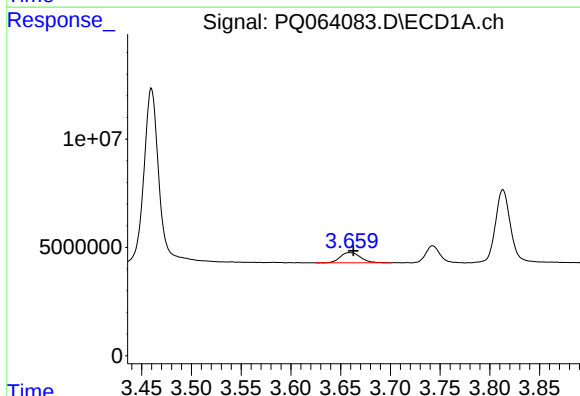
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 49500586
Conc: 467.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



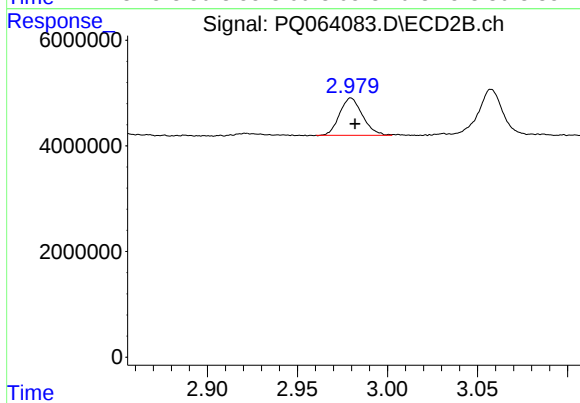
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 46843912
Conc: 468.39 ng/ml



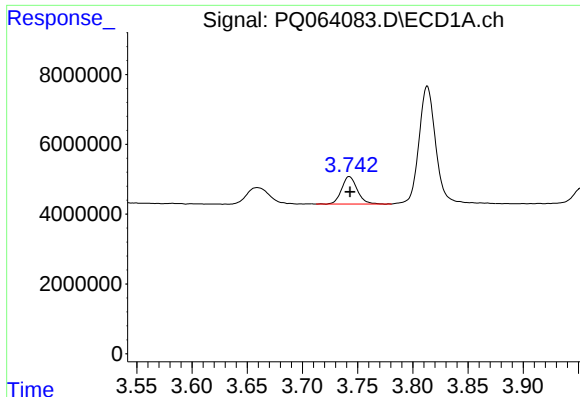
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 6664385
Conc: 123.16 ng/ml



#8 AR-1221-1

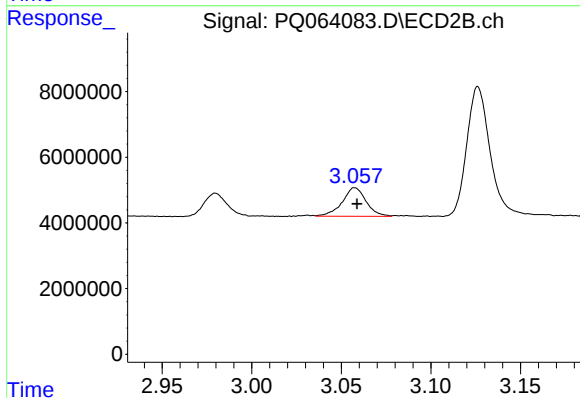
R.T.: 2.980 min
Delta R.T.: -0.002 min
Response: 6286736
Conc: 122.00 ng/ml



#9 AR-1221-2

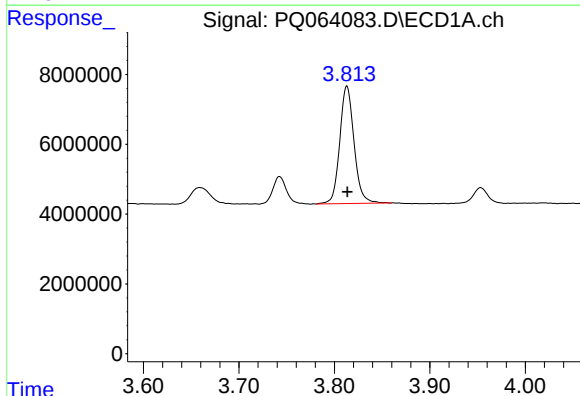
R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 7782371
Conc: 213.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



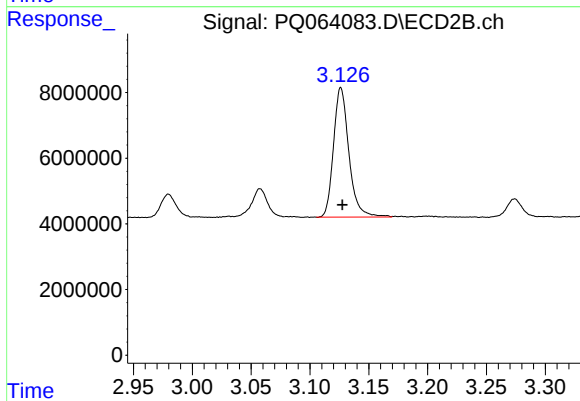
#9 AR-1221-2

R.T.: 3.058 min
Delta R.T.: -0.001 min
Response: 8082237
Conc: 231.80 ng/ml



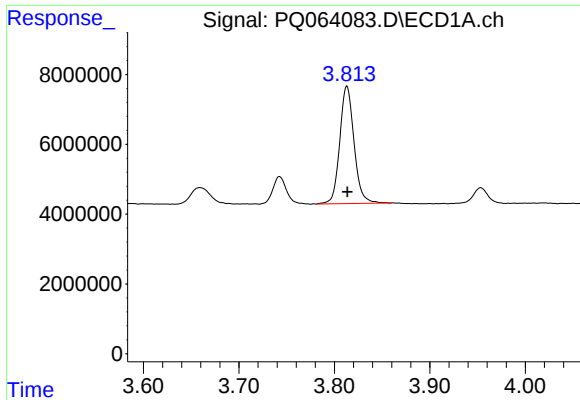
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 35070344
Conc: 295.31 ng/ml



#10 AR-1221-3

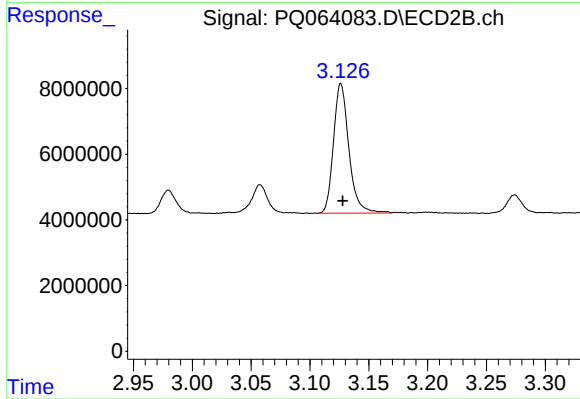
R.T.: 3.126 min
Delta R.T.: -0.001 min
Response: 35950586
Conc: 325.93 ng/ml



#11 AR-1232-1

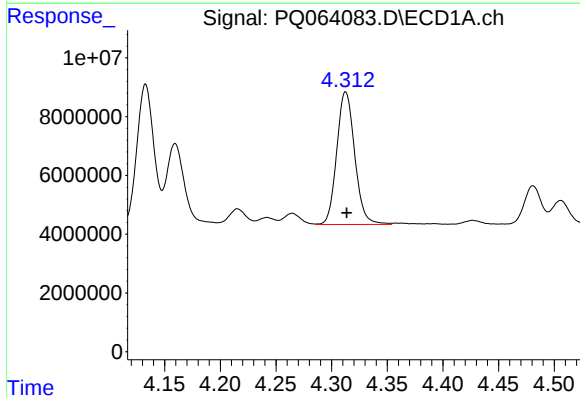
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 35070344
Conc: 374.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



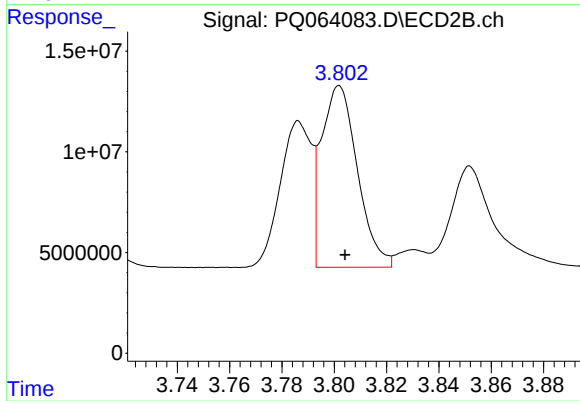
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 35950586
Conc: 415.19 ng/ml



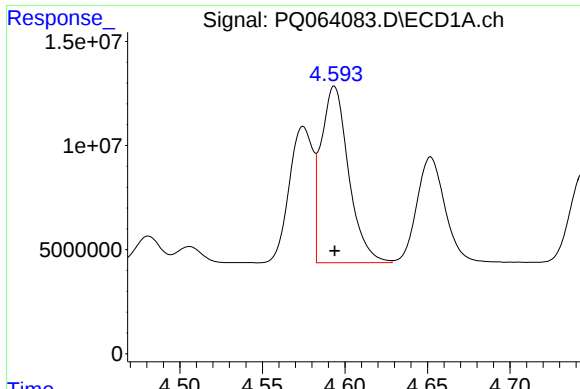
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 50850960
Conc: 968.28 ng/ml



#12 AR-1232-2

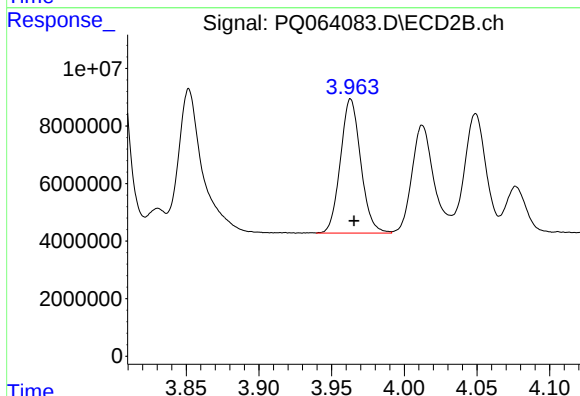
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 86058225
Conc: 1081.93 ng/ml



#13 AR-1232-3

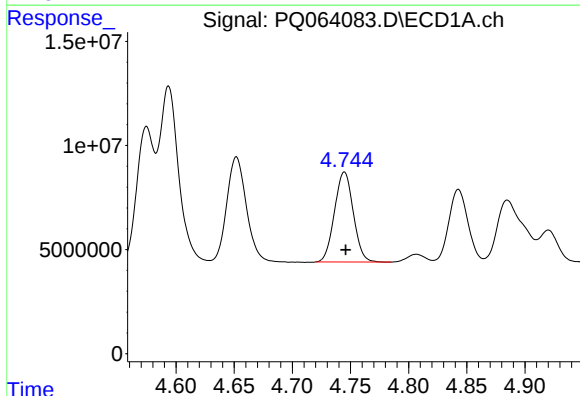
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 98589032
Conc: 1096.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



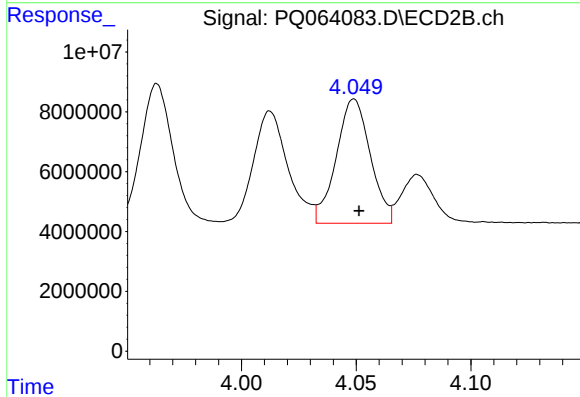
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 45417362
Conc: 1097.06 ng/ml



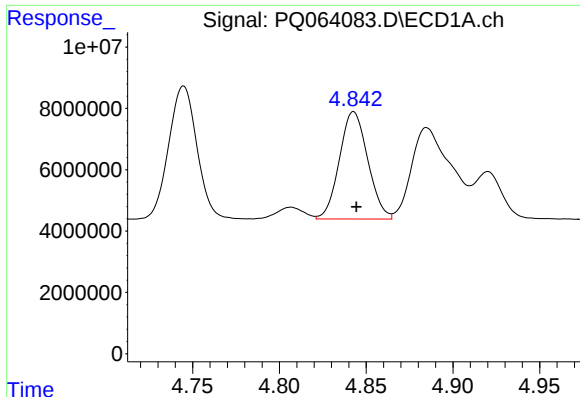
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 48743771
Conc: 1114.78 ng/ml



#14 AR-1232-4

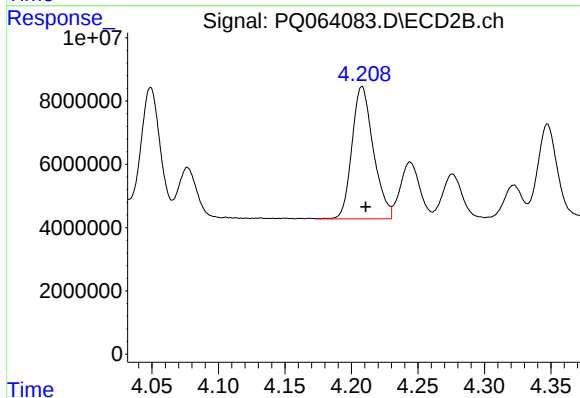
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 42978558
Conc: 1183.44 ng/ml



#15 AR-1232-5

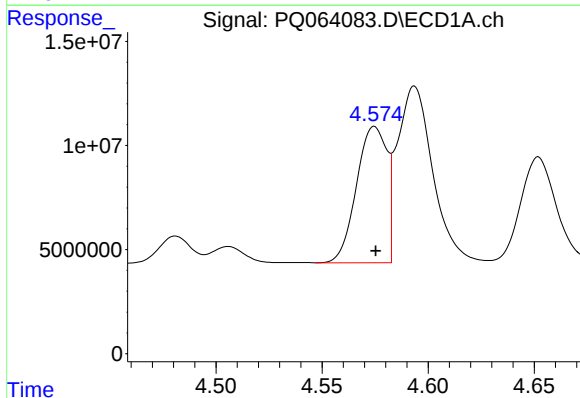
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 39925001
Conc: 1193.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



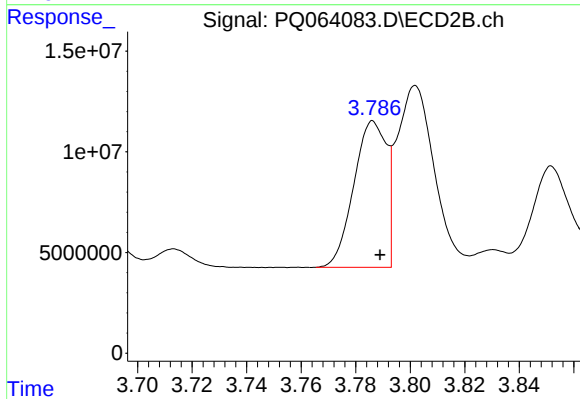
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 46843912
Conc: 1114.87 ng/ml



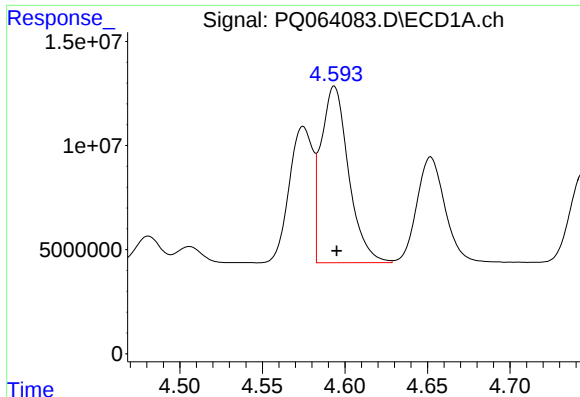
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 65215041
Conc: 578.74 ng/ml



#16 AR-1242-1

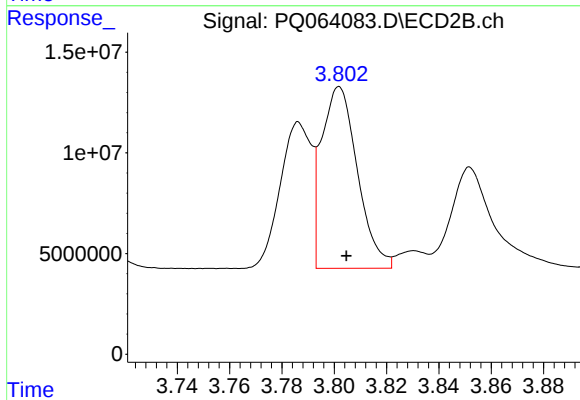
R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 60253628
Conc: 585.74 ng/ml



#17 AR-1242-2

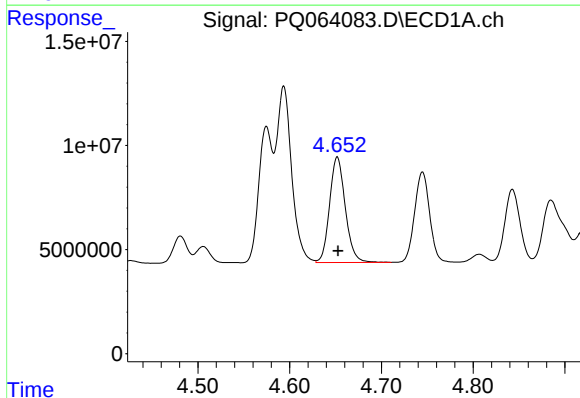
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 98589032
Conc: 583.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



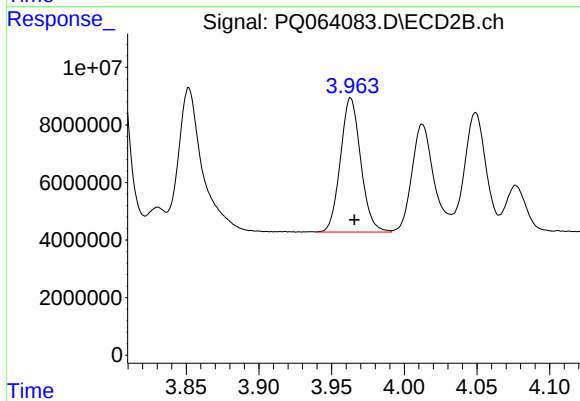
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 86058225
Conc: 583.16 ng/ml



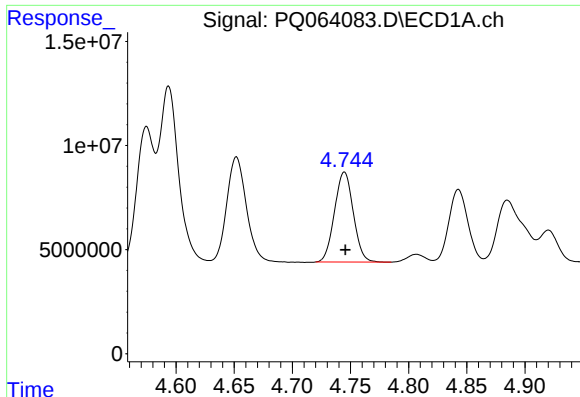
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 60328838
Conc: 571.59 ng/ml



#18 AR-1242-3

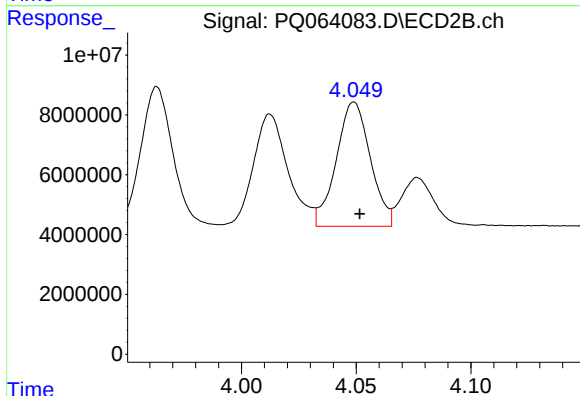
R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 45417362
Conc: 570.89 ng/ml



#19 AR-1242-4

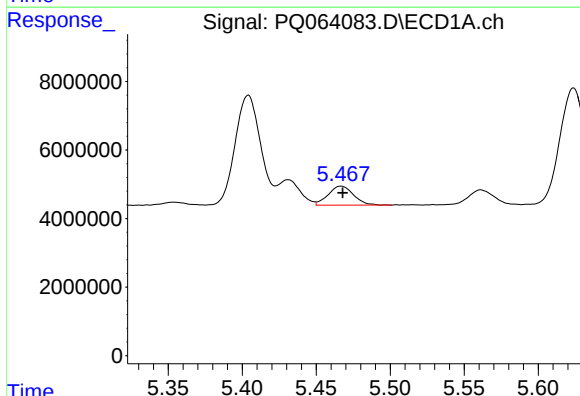
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 48743771
Conc: 574.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



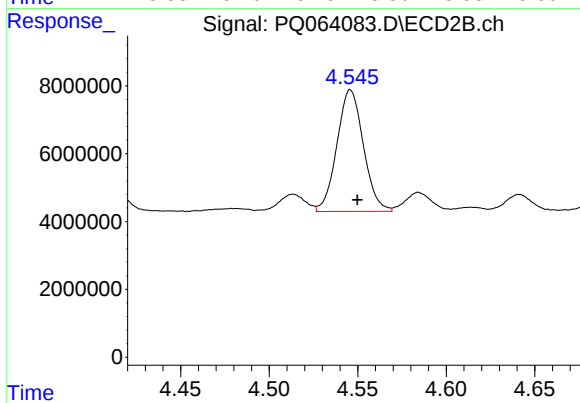
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 42978558
Conc: 566.36 ng/ml



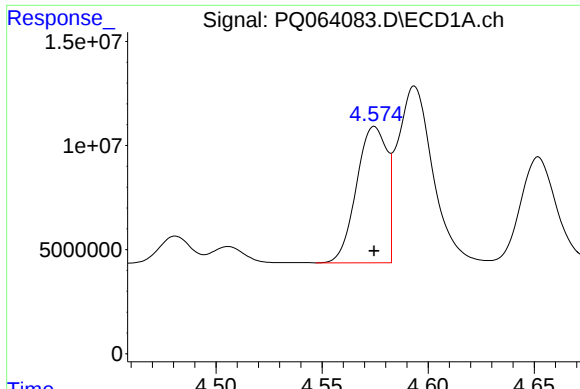
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 6627745
Conc: 74.96 ng/ml



#20 AR-1242-5

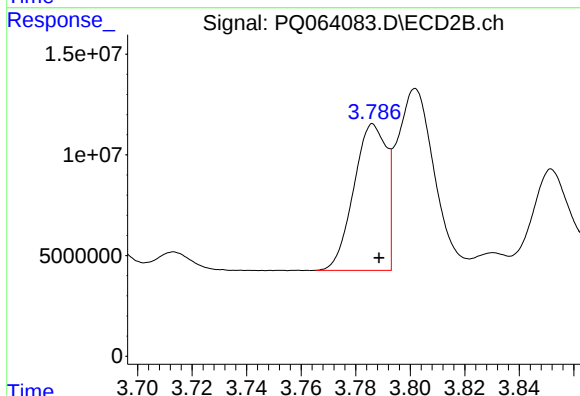
R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 37381807
Conc: 371.61 ng/ml



#21 AR-1248-1

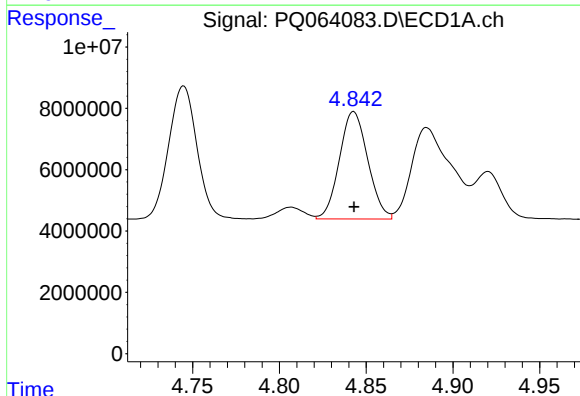
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 65215041
Conc: 783.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



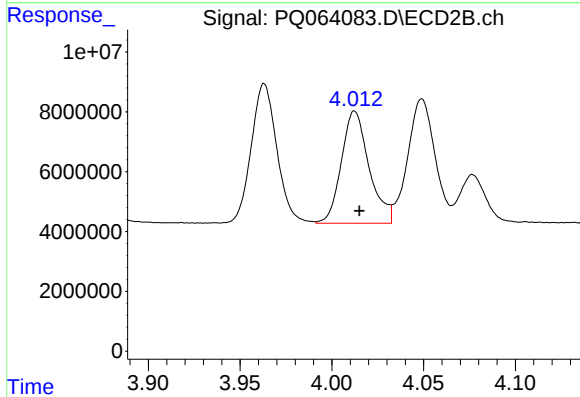
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 60253628
Conc: 772.74 ng/ml



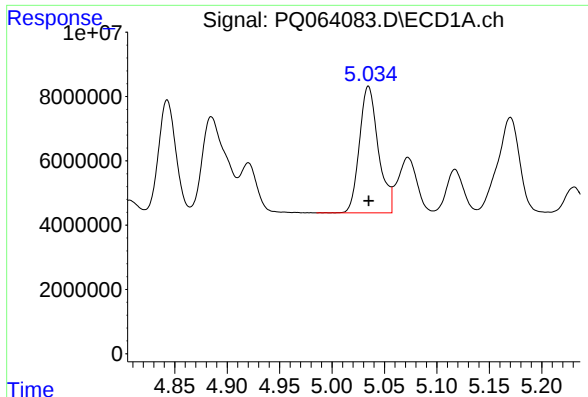
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 39925001
Conc: 328.95 ng/ml



#22 AR-1248-2

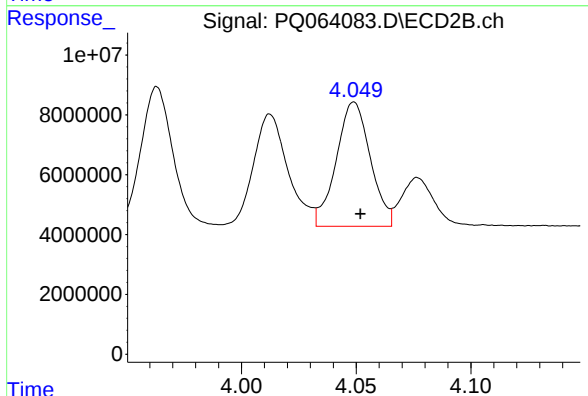
R.T.: 4.012 min
Delta R.T.: -0.003 min
Response: 39450186
Conc: 332.79 ng/ml



#23 AR-1248-3

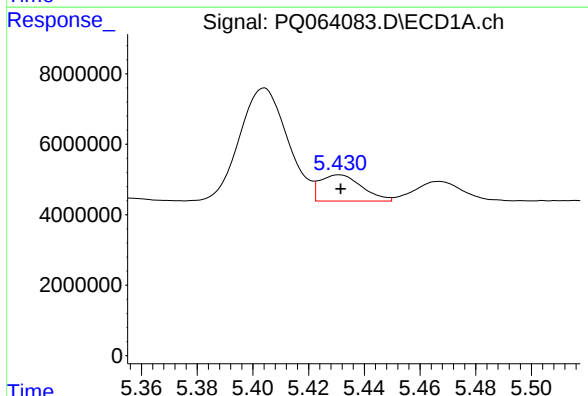
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 49500586
Conc: 341.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



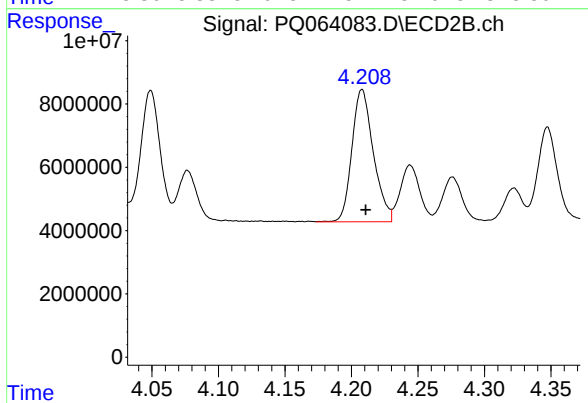
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 42978558
Conc: 381.48 ng/ml



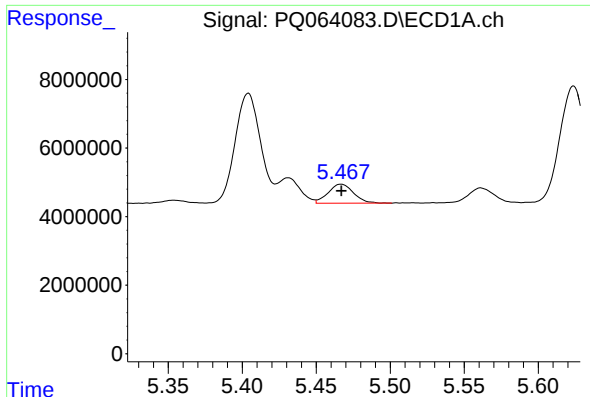
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 7745781
Conc: 49.98 ng/ml



#24 AR-1248-4

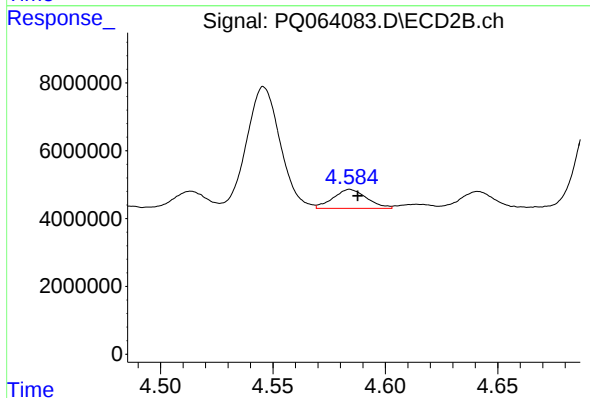
R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 46843912
Conc: 340.29 ng/ml



#25 AR-1248-5

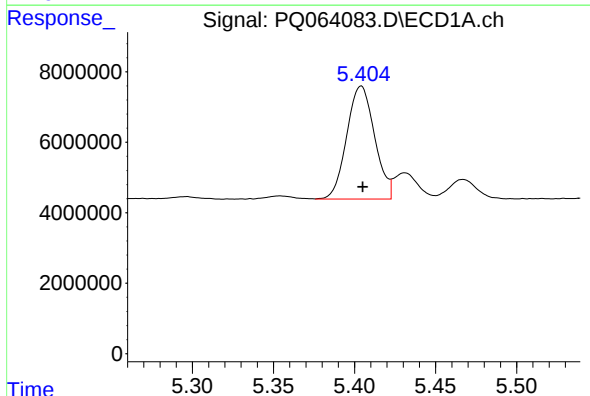
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 6627745
Conc: 43.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



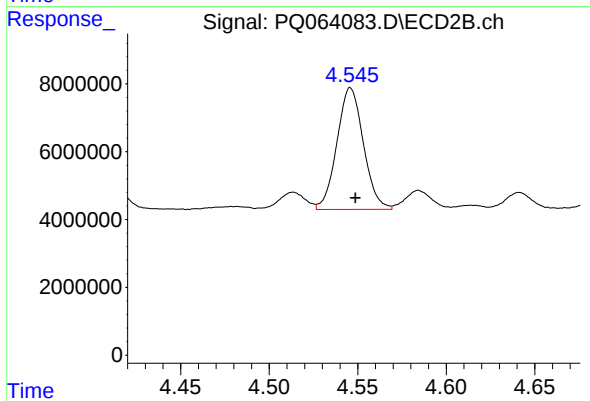
#25 AR-1248-5

R.T.: 4.584 min
Delta R.T.: -0.004 min
Response: 5829845
Conc: 43.42 ng/ml



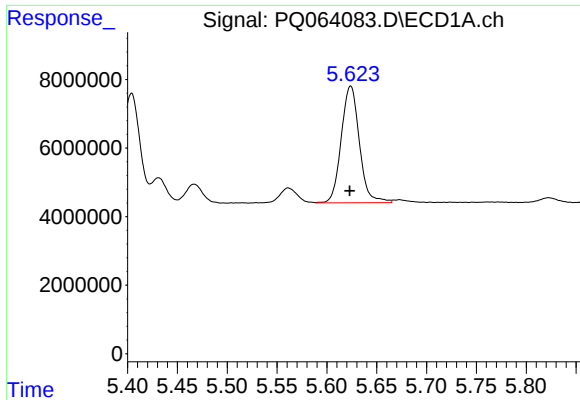
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 38371619
Conc: 244.48 ng/ml



#26 AR-1254-1

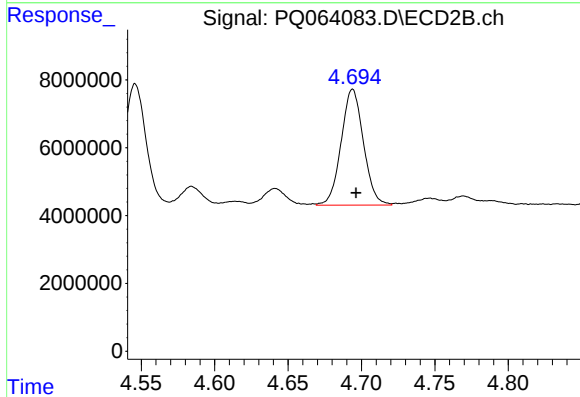
R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 37381807
Conc: 192.33 ng/ml



#27 AR-1254-2

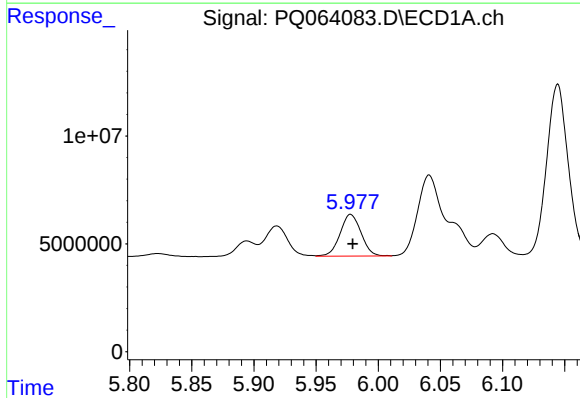
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 43152348
Conc: 181.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



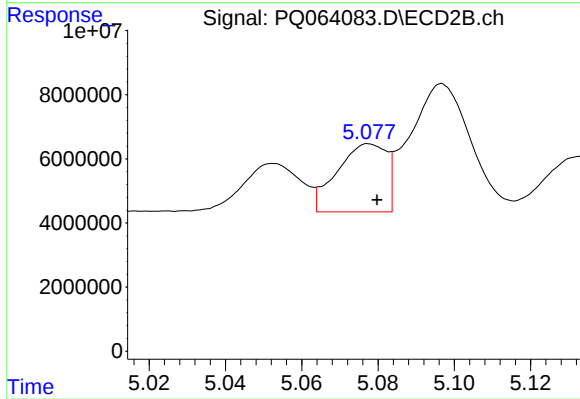
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 36177950
Conc: 207.68 ng/ml



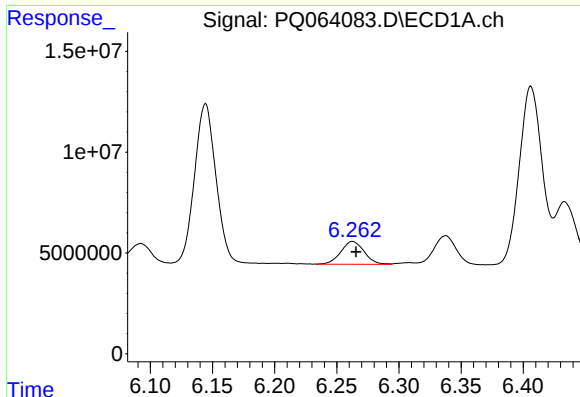
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 22668955
Conc: 91.43 ng/ml



#28 AR-1254-3

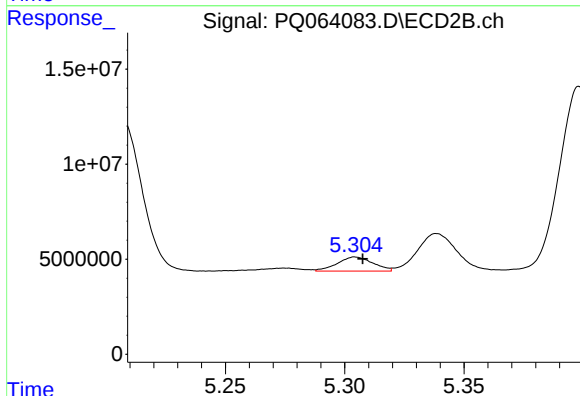
R.T.: 5.078 min
Delta R.T.: -0.002 min
Response: 19089476
Conc: 71.32 ng/ml



#29 AR-1254-4

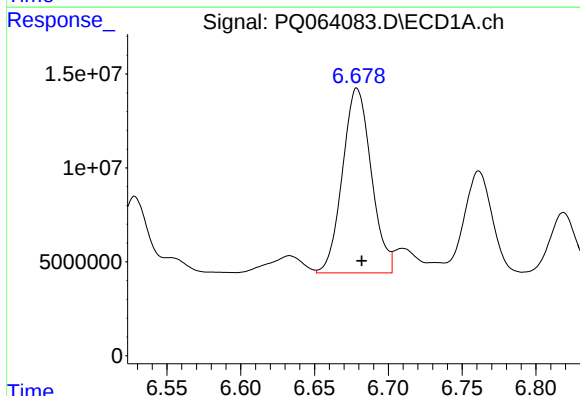
R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 14830207
Conc: 81.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



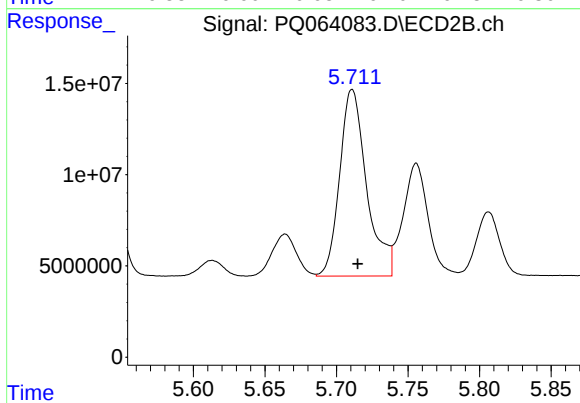
#29 AR-1254-4

R.T.: 5.304 min
Delta R.T.: -0.003 min
Response: 7686066
Conc: 43.81 ng/ml



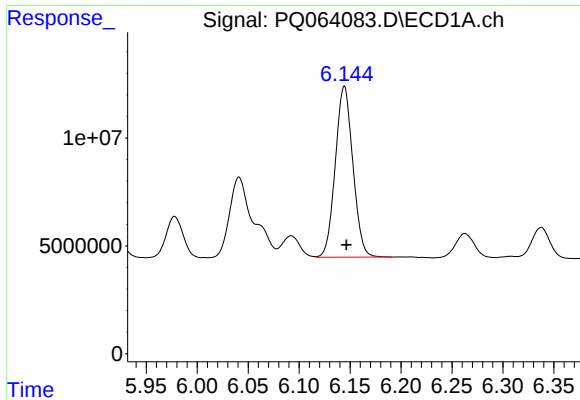
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 133362192
Conc: 668.62 ng/ml



#30 AR-1254-5

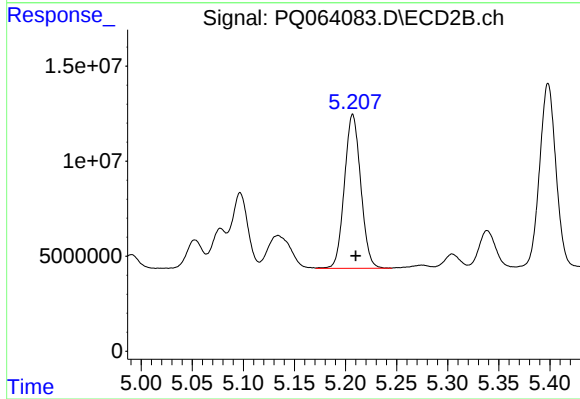
R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 134274599
Conc: 526.69 ng/ml



#31 AR-1260-1

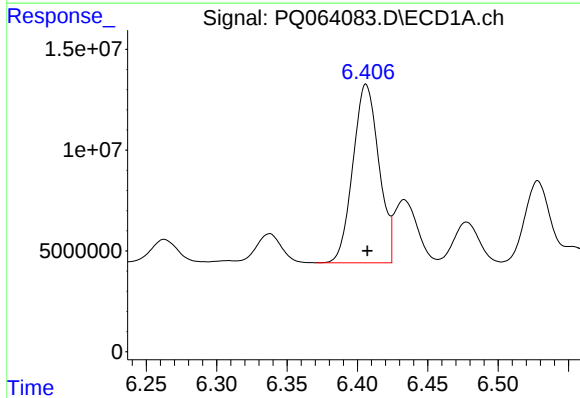
R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 95049462
Conc: 464.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



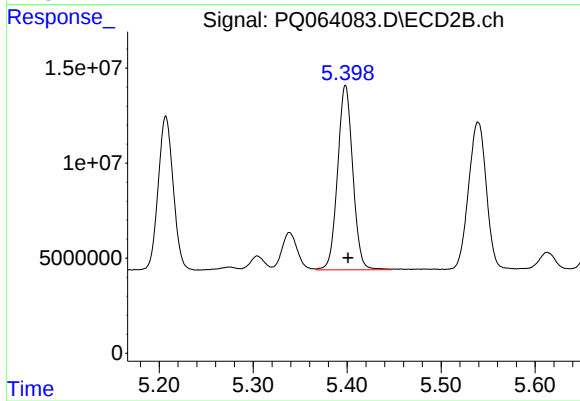
#31 AR-1260-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 90097296
Conc: 455.51 ng/ml



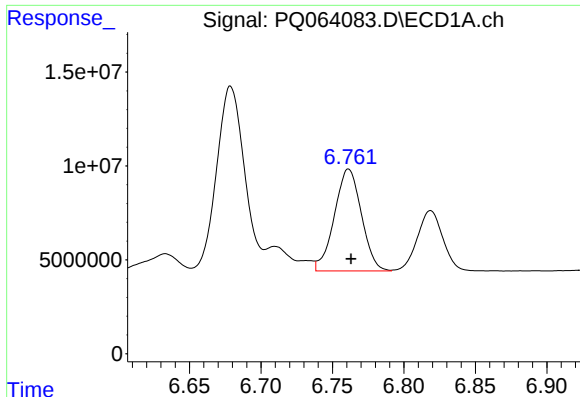
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 113740636
Conc: 470.85 ng/ml



#32 AR-1260-2

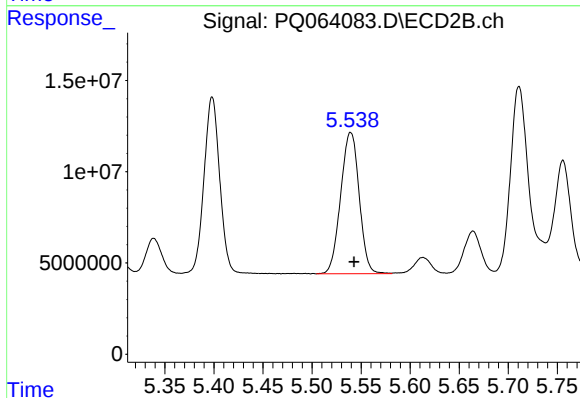
R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 109093040
Conc: 456.97 ng/ml



#33 AR-1260-3

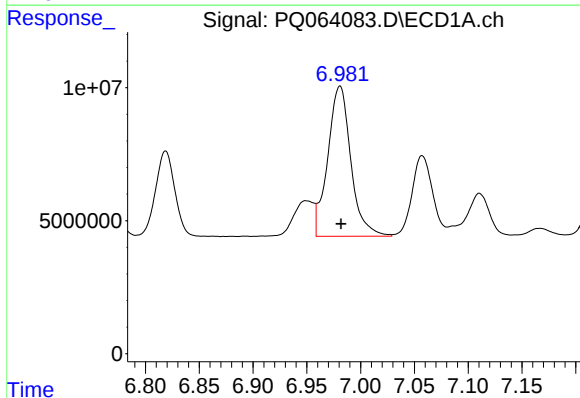
R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 71401071
Conc: 443.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



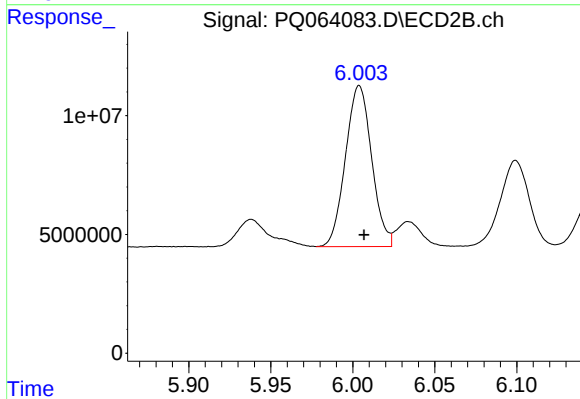
#33 AR-1260-3

R.T.: 5.539 min
Delta R.T.: -0.004 min
Response: 101719174
Conc: 450.33 ng/ml



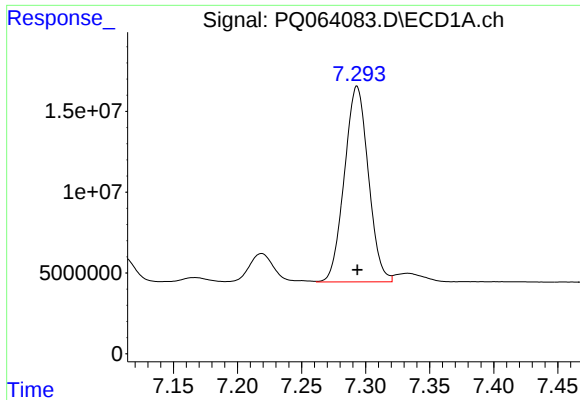
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 84284820
Conc: 456.85 ng/ml



#34 AR-1260-4

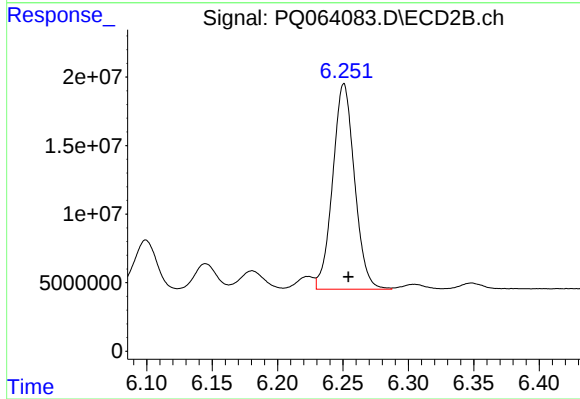
R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 75369291
Conc: 438.04 ng/ml



#35 AR-1260-5

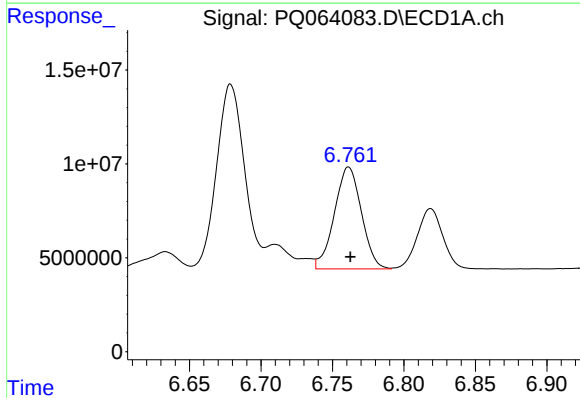
R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 157491670
Conc: 443.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



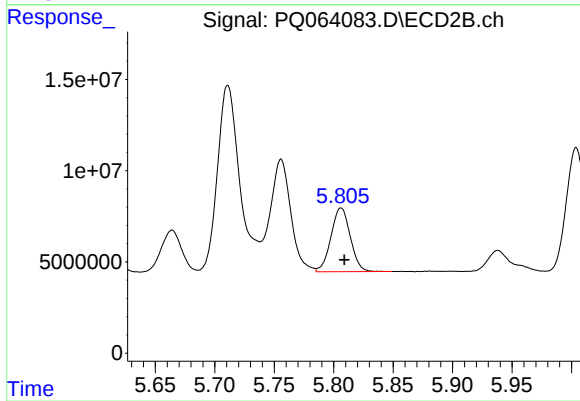
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 174333442
Conc: 436.85 ng/ml



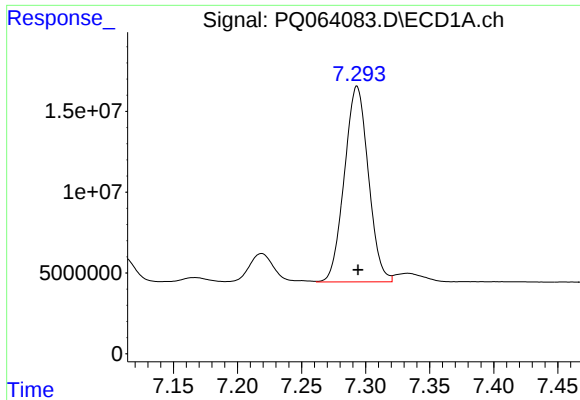
#36 AR-1262-1

R.T.: 6.761 min
Delta R.T.: -0.001 min
Response: 71401071
Conc: 273.22 ng/ml



#36 AR-1262-1

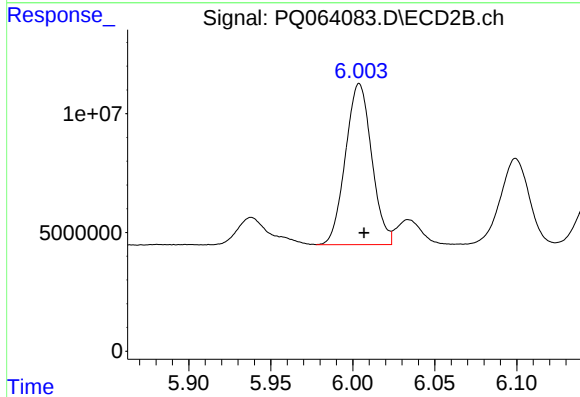
R.T.: 5.806 min
Delta R.T.: -0.003 min
Response: 39595364
Conc: 361.67 ng/ml



#37 AR-1262-2

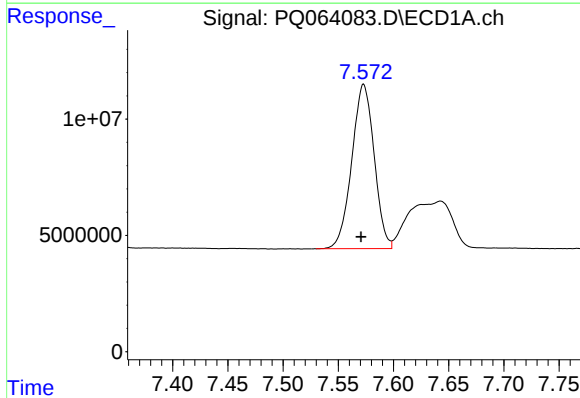
R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 157491670
Conc: 370.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



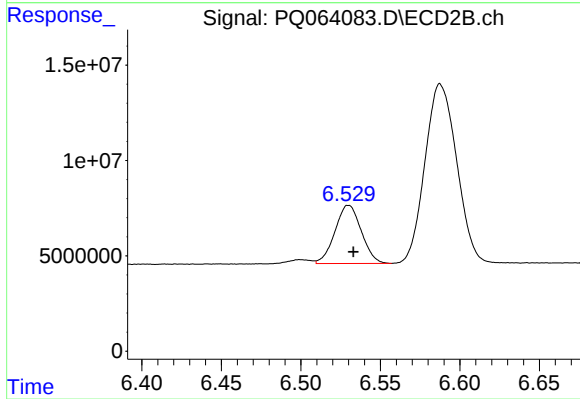
#37 AR-1262-2

R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 75369291
Conc: 305.12 ng/ml



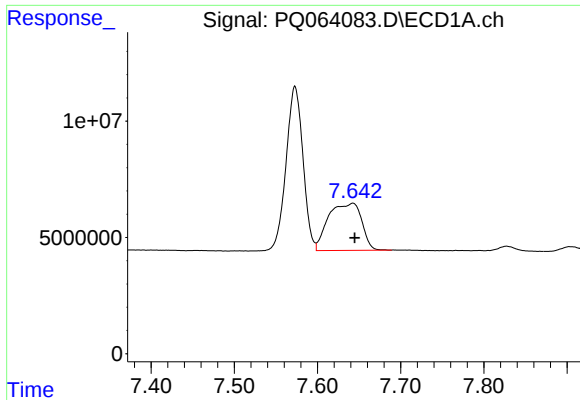
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.002 min
Response: 99640496
Conc: 347.75 ng/ml



#38 AR-1262-3

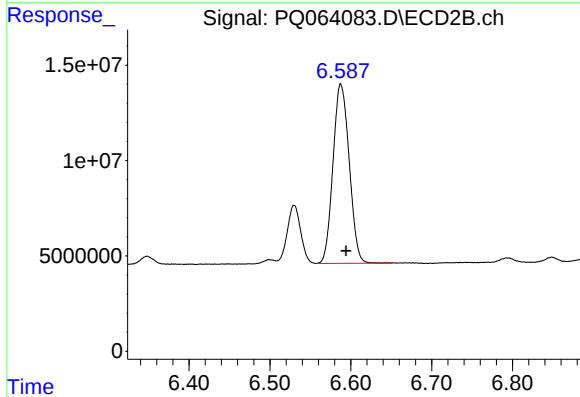
R.T.: 6.530 min
Delta R.T.: -0.003 min
Response: 35225492
Conc: 173.87 ng/ml



#39 AR-1262-4

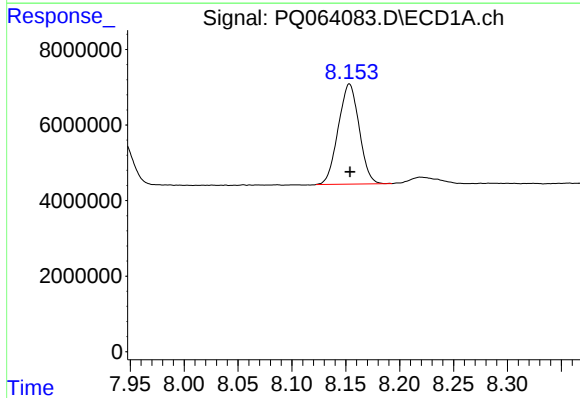
R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 56254719
Conc: 245.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



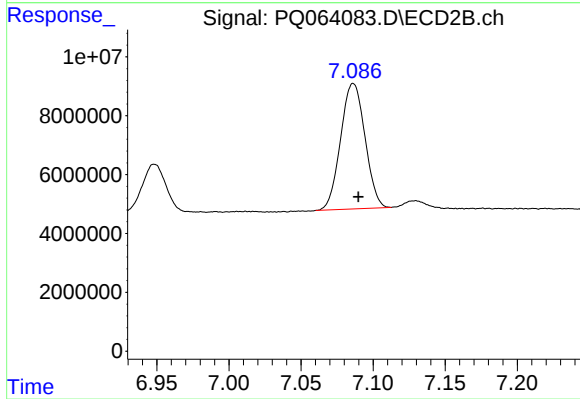
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.007 min
Response: 130941101
Conc: 351.39 ng/ml



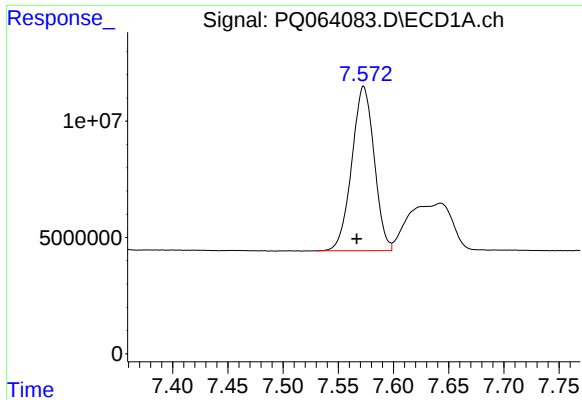
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 35802145
Conc: 251.34 ng/ml



#40 AR-1262-5

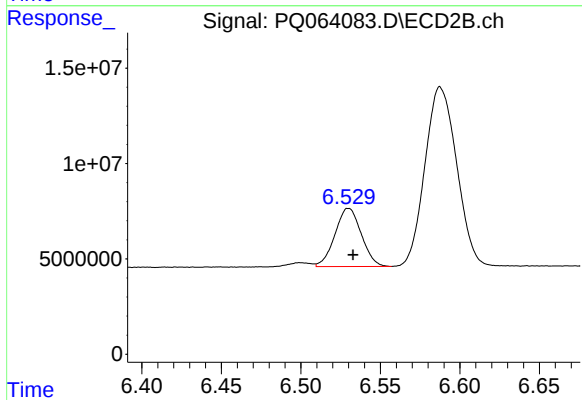
R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 49993402
Conc: 276.50 ng/ml



#41 AR-1268-1

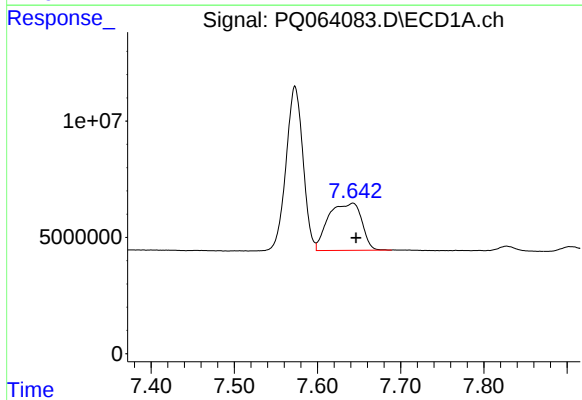
R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 99640496
Conc: 201.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



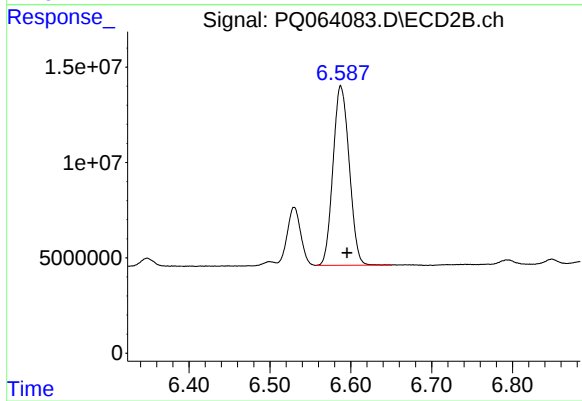
#41 AR-1268-1

R.T.: 6.530 min
Delta R.T.: -0.003 min
Response: 35225492
Conc: 61.39 ng/ml



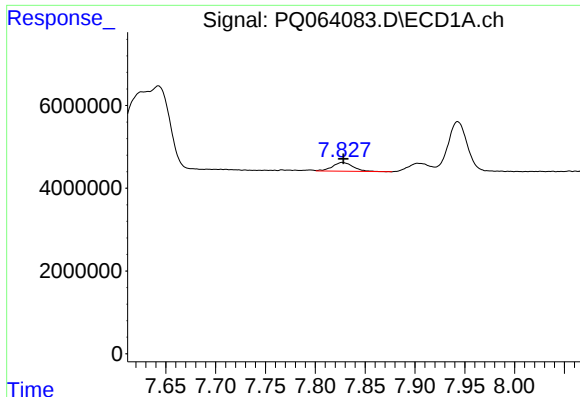
#42 AR-1268-2

R.T.: 7.643 min
Delta R.T.: -0.004 min
Response: 56254719
Conc: 125.62 ng/ml



#42 AR-1268-2

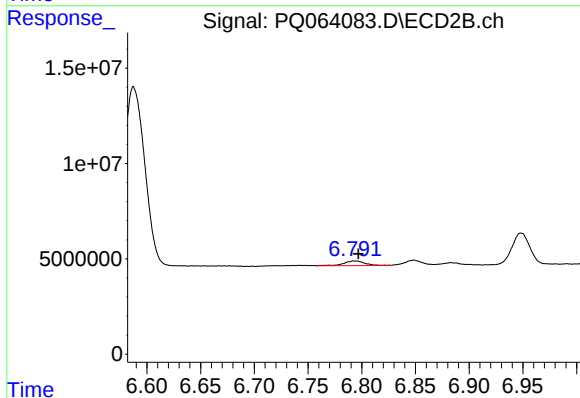
R.T.: 6.588 min
Delta R.T.: -0.008 min
Response: 130941101
Conc: 252.24 ng/ml



#43 AR-1268-3

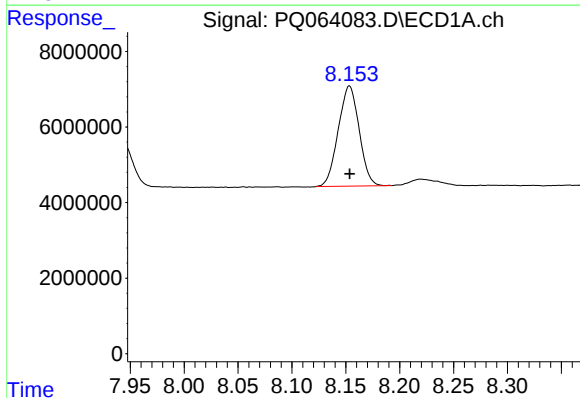
R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 3110472
Conc: 7.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



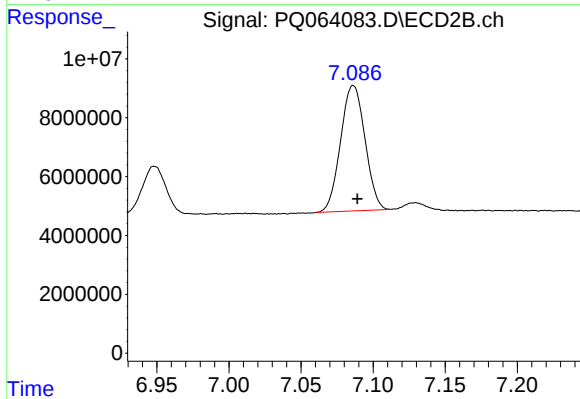
#43 AR-1268-3

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 3310107
Conc: 7.14 ng/ml



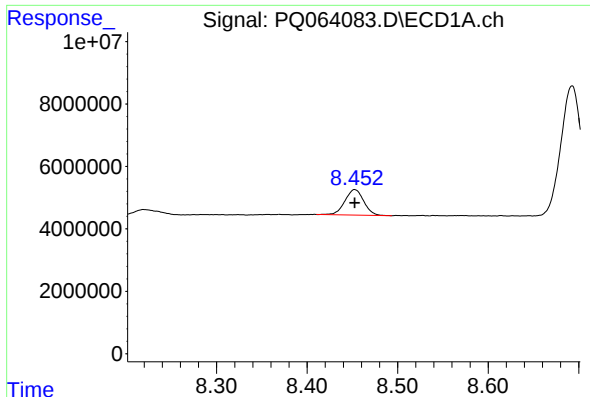
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 35802145
Conc: 229.01 ng/ml



#44 AR-1268-4

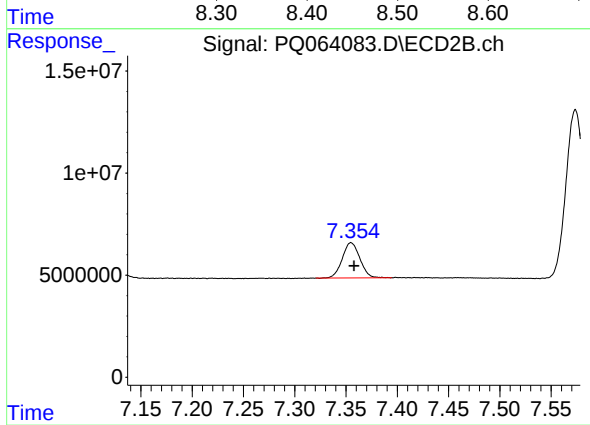
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 49993402
Conc: 255.95 ng/ml



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 11804689
Conc: 10.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 20699915
Conc: 13.53 ng/ml