

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121523\
 Data File : PQ064554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 13:18
 Operator : YP\AJ
 Sample : PB157808BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 13:40:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.458	2.773	88582042	97399999	21.352	23.199
2)	SA Decachlor...	8.696	7.569	67936375	89767820	23.175	22.241
Target Compounds							
3)	L1 AR-1016-1	4.574	3.783	64944066	67040071	509.737	551.589
4)	L1 AR-1016-2	4.593	3.798	96276465	99987828	501.596	545.472
5)	L1 AR-1016-3	4.652	3.959	60694445	53384621	511.525	548.623
6)	L1 AR-1016-4	4.745	4.009	48578809	46209143	523.018	553.318
7)	L1 AR-1016-5	5.035	4.204	49450445	53992702	507.566	533.318
8)	L2 AR-1221-1	3.659	2.976	6932914	7343373	136.546	129.680
9)	L2 AR-1221-2	3.742	3.054	7853463	9445708	214.349	224.231
10)	L2 AR-1221-3	3.812	3.122	34484688	42348404	304.942	332.545
11)	L3 AR-1232-1	3.812	3.122	34484688	42348404	399.568	439.646
12)	L3 AR-1232-2	4.313	3.798	50693378	99987828	1039.171	1196.148
13)	L3 AR-1232-3	4.593	3.959	96276465	53384621	1127.854	1199.053
14)	L3 AR-1232-4	4.745	4.045	48578809	50273721	1179.166	1315.993
15)	L3 AR-1232-5	4.843	4.204	39985924	53992702	1307.773	1268.681
16)	L4 AR-1242-1	4.574	3.783	64944066	67040071	626.635	646.061
17)	L4 AR-1242-2	4.593	3.798	96276465	99987828	620.584	647.208
18)	L4 AR-1242-3	4.652	3.959	60694445	53384621	626.629	650.951
19)	L4 AR-1242-4	4.745	4.045	48578809	50273721	639.016	644.312
20)	L4 AR-1242-5	5.467	4.543	7341547	41967145	88.436	435.190 #
21)	L5 AR-1248-1	4.574	3.783	64944066	67040071	833.943	828.568
22)	L5 AR-1248-2	4.843	4.009	39985924	46209143	358.300	376.950
23)	L5 AR-1248-3	5.035	4.045	49450445	50273721	371.572	430.831
24)	L5 AR-1248-4	5.432	4.204	7919904	53992702	55.336	385.157 #
25)	L5 AR-1248-5	5.467	4.580	7341547	6473628	52.358	48.648
26)	L6 AR-1254-1	5.404	4.543	38423282	41967145	250.857	200.431
27)	L6 AR-1254-2	5.624	4.690	44016475	40519153	188.500	219.044
28)	L6 AR-1254-3	5.979	5.074	20956175	20242140	85.259	71.550
29)	L6 AR-1254-4	6.264	5.301	26629918	8593451	153.265	46.289 #
30)	L6 AR-1254-5	6.680	5.708	135.3E6	149.5E6	700.985	575.661
31)	L7 AR-1260-1	6.146	5.204	91275405	98014595	487.396	506.822
32)	L7 AR-1260-2	6.407	5.394	111.0E6	119.4E6	511.944	513.121
33)	L7 AR-1260-3	6.763	5.537	71328298	113.4E6	437.617	521.528
34)	L7 AR-1260-4	6.982	6.000	92794509	89724423	540.923	487.108
35)	L7 AR-1260-5	7.294	6.247	179.8E6	219.1E6	532.090	505.322
36)	L8 AR-1262-1	6.763	5.801	71328298	45422434	289.935	398.778 #
37)	L8 AR-1262-2	7.294	6.000	179.8E6	89724423	448.423	352.223
38)	L8 AR-1262-3	7.575	6.525	99367155	51720429	367.384	229.672 #
39)	L8 AR-1262-4	7.643	6.584	57476934	195.9E6	272.349	452.604 #
40)	L8 AR-1262-5	8.155	7.082	37830895	73638813	277.564	280.518
41)	L9 AR-1268-1	7.575	6.525	99367155	51720429	207.756	78.568 #

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 Operator : YP\AJ
 Sample : PB157808BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

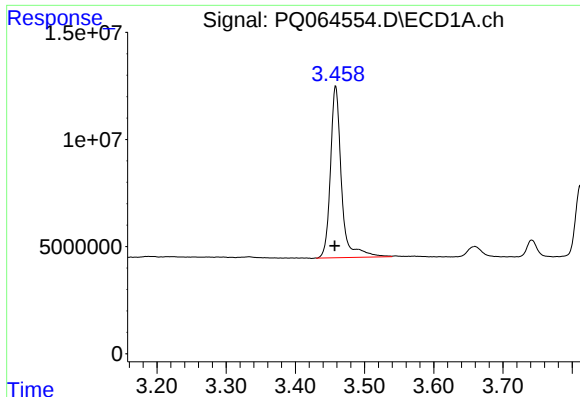
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 13:40:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.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	6.584	57476934	195.9E6	132.172	315.515 #
43) L9	AR-1268-3	7.827	6.790	5987069	6027043	15.842	9.416 #
44) L9	AR-1268-4	8.155	7.082	37830895	73638813	247.155	244.699
45) L9	AR-1268-5	8.456	7.351	12820540	21479927	11.788	11.370

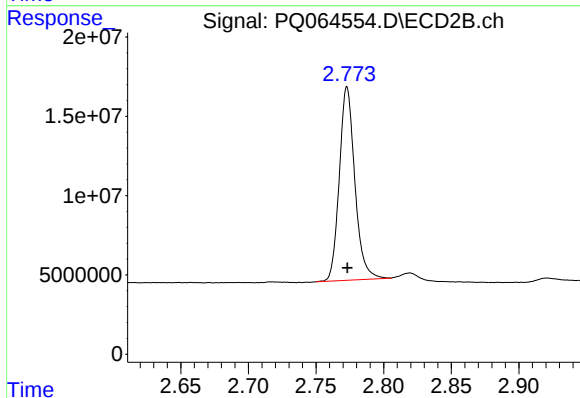
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

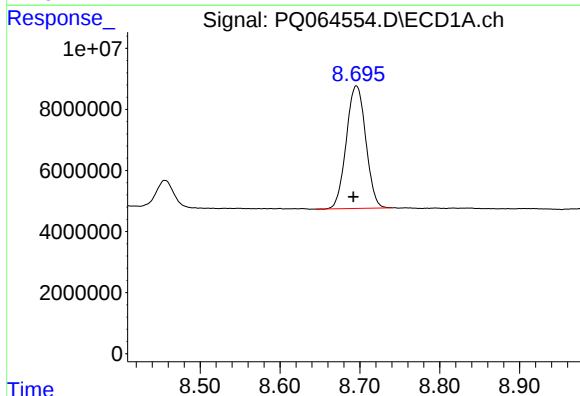
R.T.: 3.458 min
Delta R.T.: 0.001 min
Response: 88582042
Conc: 21.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



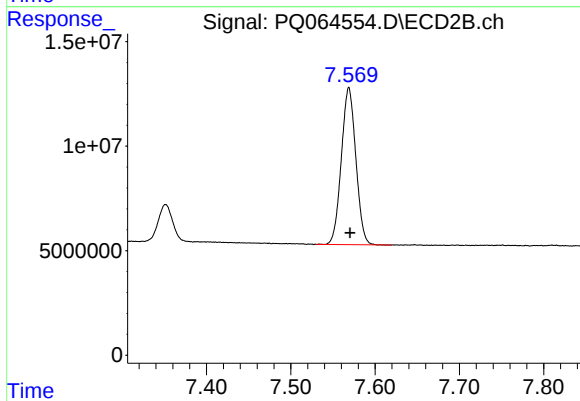
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 97399999
Conc: 23.20 ng/ml



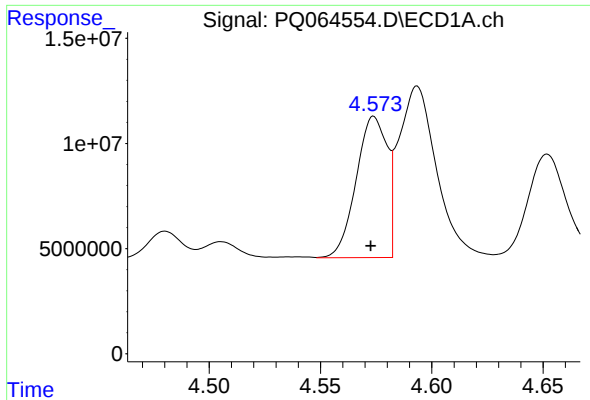
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: 0.004 min
Response: 67936375
Conc: 23.18 ng/ml



#2 Decachlorobiphenyl

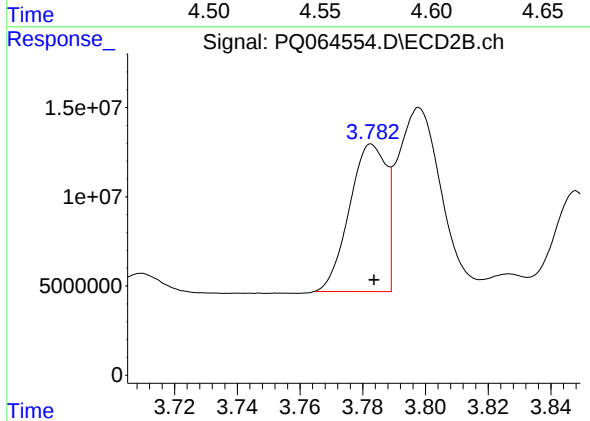
R.T.: 7.569 min
Delta R.T.: -0.001 min
Response: 89767820
Conc: 22.24 ng/ml



#3 AR-1016-1

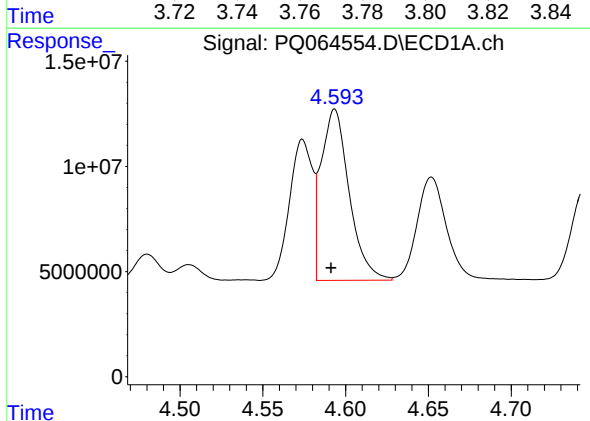
R.T.: 4.574 min
Delta R.T.: 0.001 min
Response: 64944066
Conc: 509.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



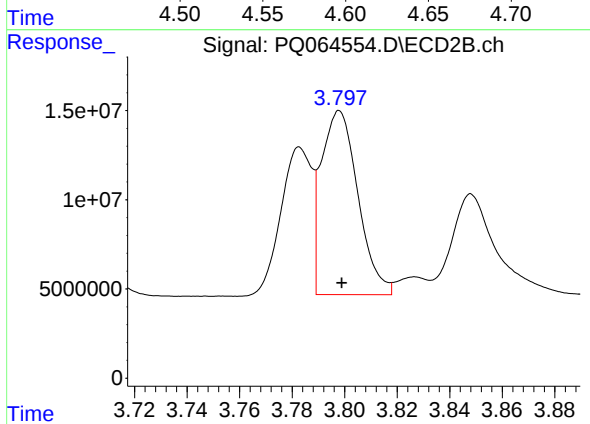
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 67040071
Conc: 551.59 ng/ml



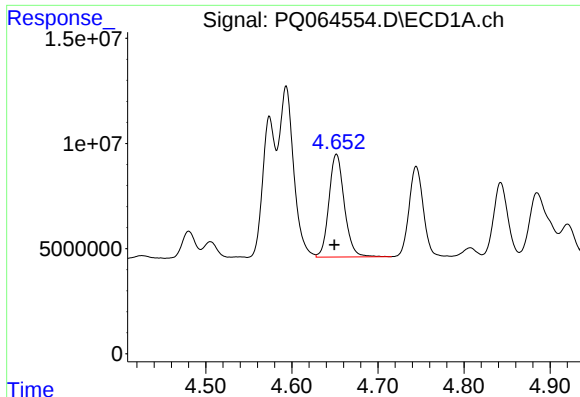
#4 AR-1016-2

R.T.: 4.593 min
Delta R.T.: 0.002 min
Response: 96276465
Conc: 501.60 ng/ml



#4 AR-1016-2

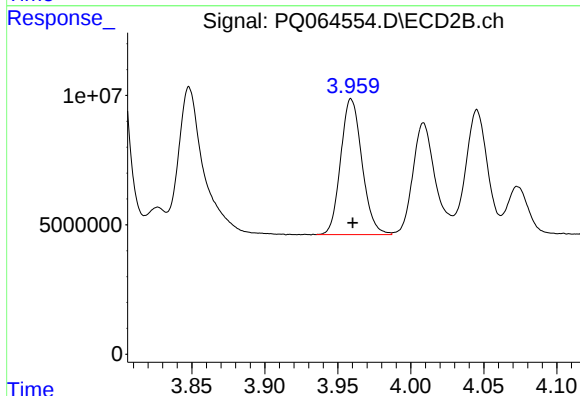
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 99987828
Conc: 545.47 ng/ml



#5 AR-1016-3

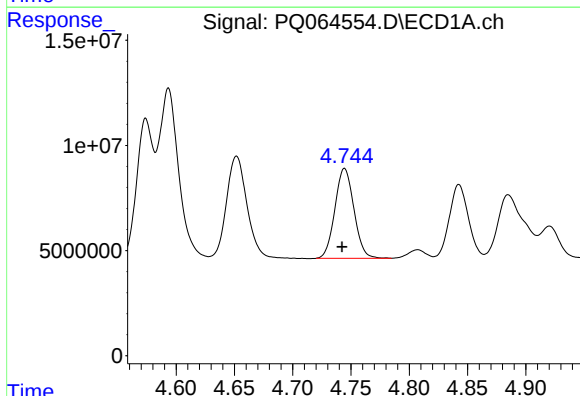
R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 60694445
Conc: 511.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



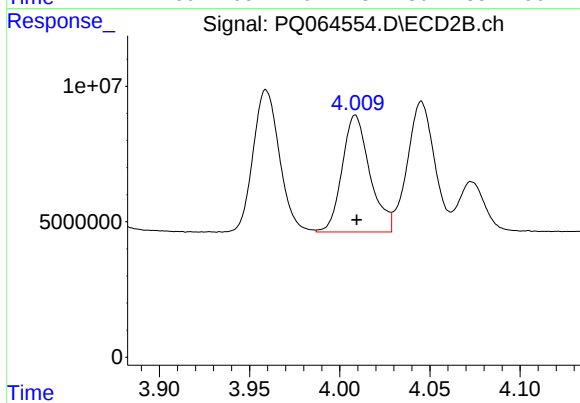
#5 AR-1016-3

R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 53384621
Conc: 548.62 ng/ml



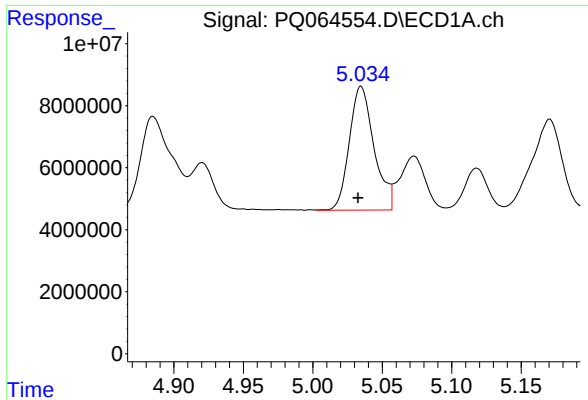
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.002 min
Response: 48578809
Conc: 523.02 ng/ml



#6 AR-1016-4

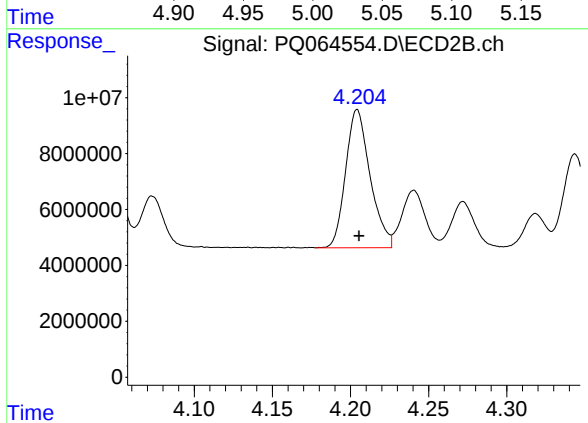
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 46209143
Conc: 553.32 ng/ml



#7 AR-1016-5

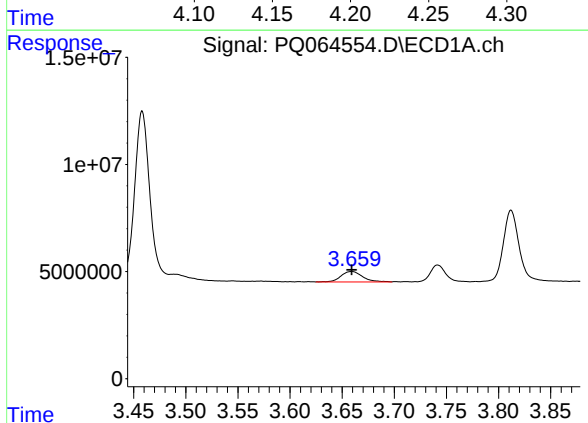
R.T.: 5.035 min
Delta R.T.: 0.002 min
Response: 49450445
Conc: 507.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



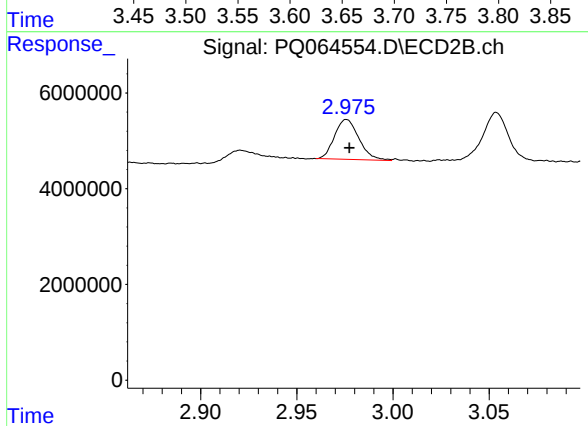
#7 AR-1016-5

R.T.: 4.204 min
Delta R.T.: -0.001 min
Response: 53992702
Conc: 533.32 ng/ml



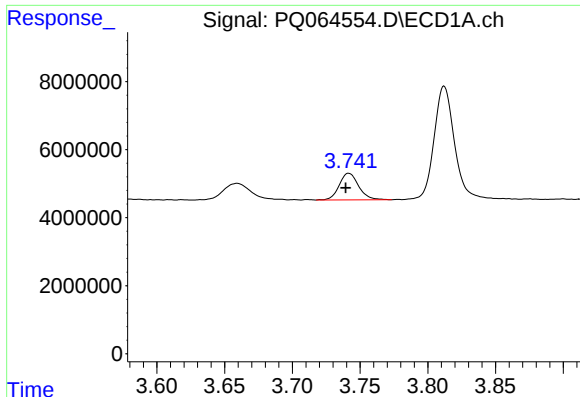
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 6932914
Conc: 136.55 ng/ml



#8 AR-1221-1

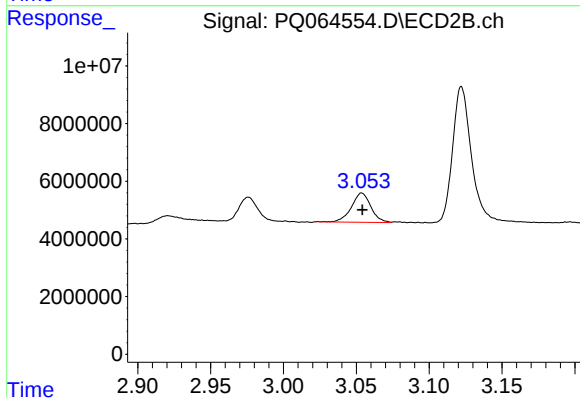
R.T.: 2.976 min
Delta R.T.: -0.001 min
Response: 7343373
Conc: 129.68 ng/ml



#9 AR-1221-2

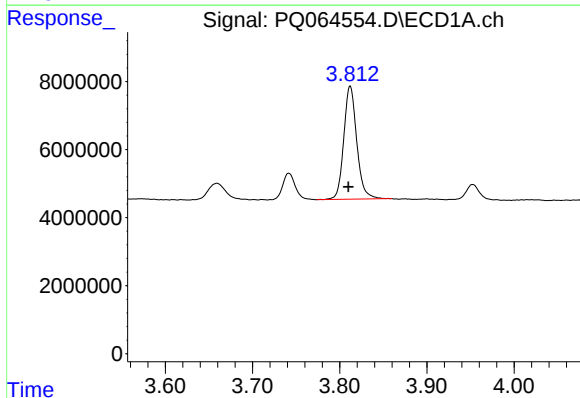
R.T.: 3.742 min
Delta R.T.: 0.002 min
Response: 7853463
Conc: 214.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



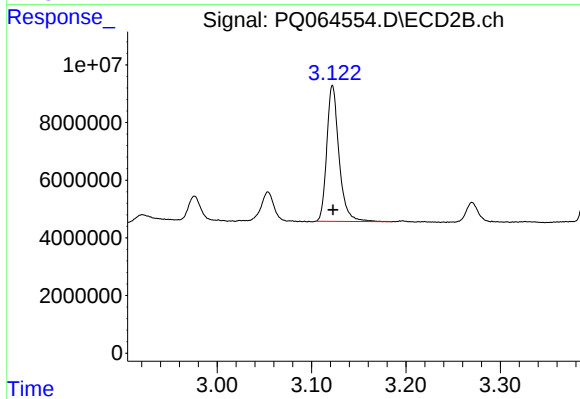
#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: 0.000 min
Response: 9445708
Conc: 224.23 ng/ml



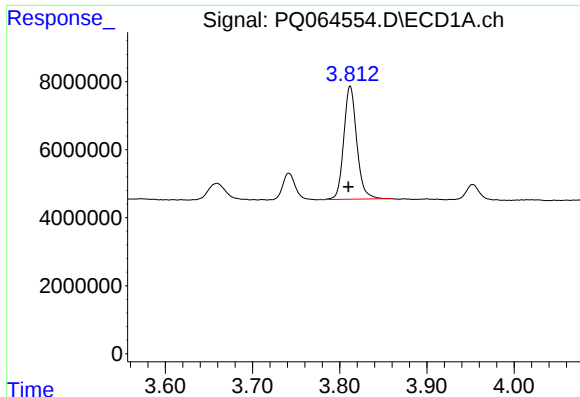
#10 AR-1221-3

R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 34484688
Conc: 304.94 ng/ml



#10 AR-1221-3

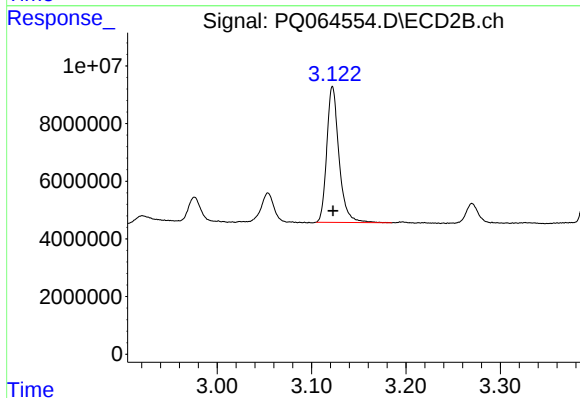
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 42348404
Conc: 332.55 ng/ml



#11 AR-1232-1

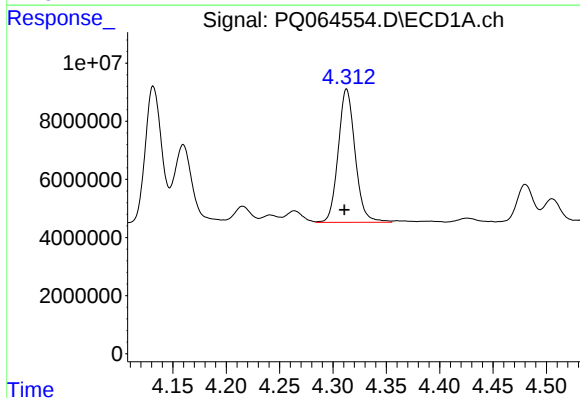
R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 34484688
Conc: 399.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



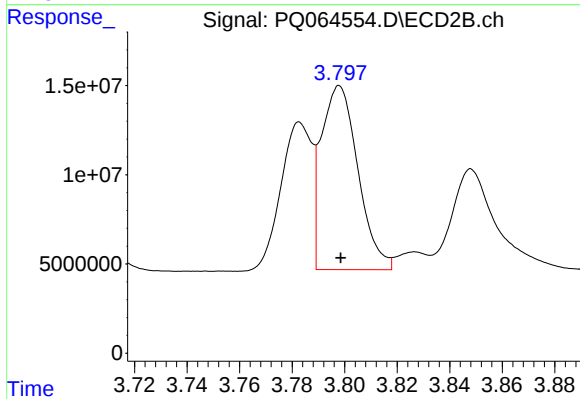
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 42348404
Conc: 439.65 ng/ml



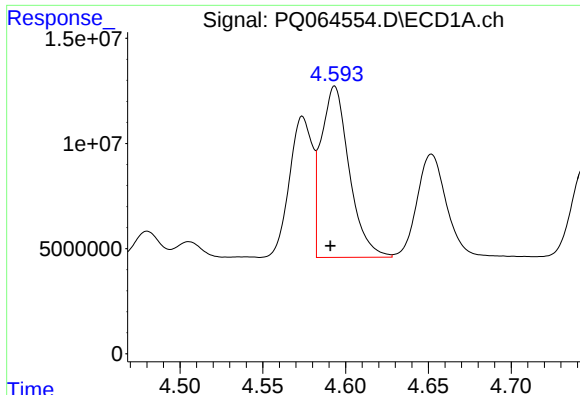
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.002 min
Response: 50693378
Conc: 1039.17 ng/ml



#12 AR-1232-2

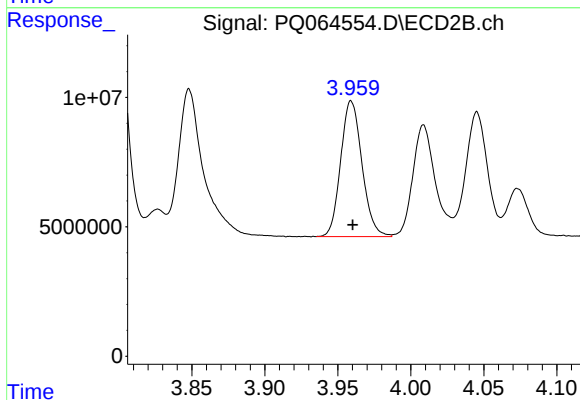
R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 99987828
Conc: 1196.15 ng/ml



#13 AR-1232-3

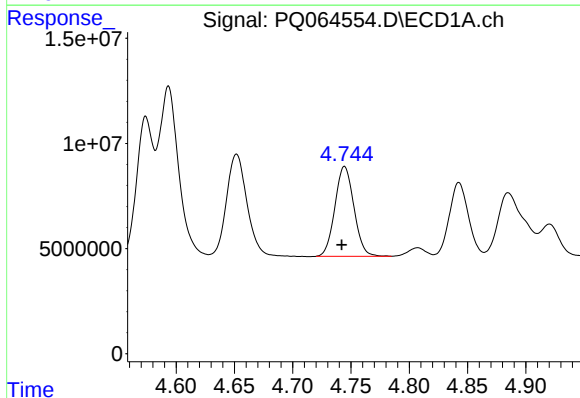
R.T.: 4.593 min
Delta R.T.: 0.003 min
Response: 96276465
Conc: 1127.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



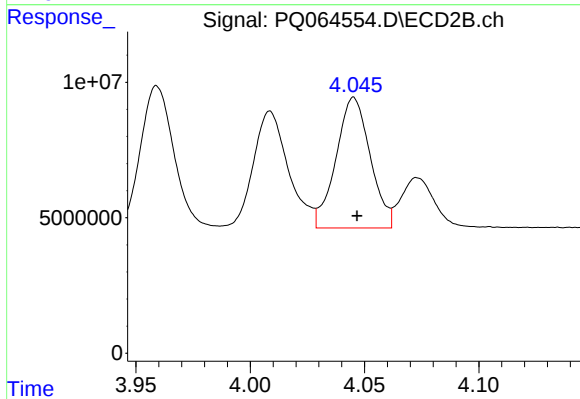
#13 AR-1232-3

R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 53384621
Conc: 1199.05 ng/ml



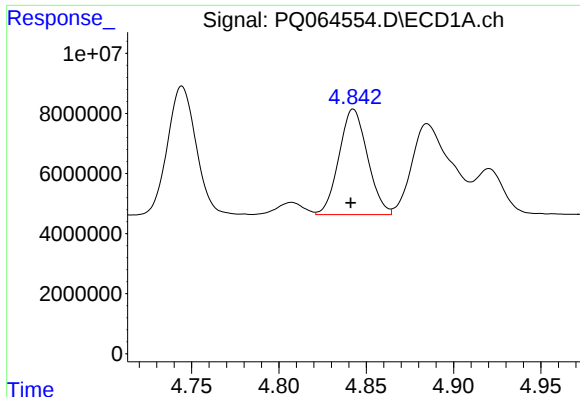
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: 0.002 min
Response: 48578809
Conc: 1179.17 ng/ml



#14 AR-1232-4

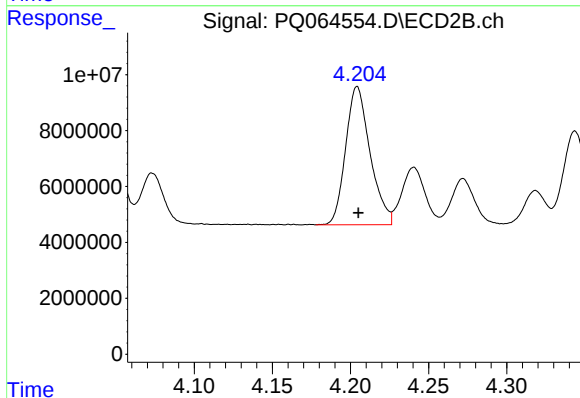
R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 50273721
Conc: 1315.99 ng/ml



#15 AR-1232-5

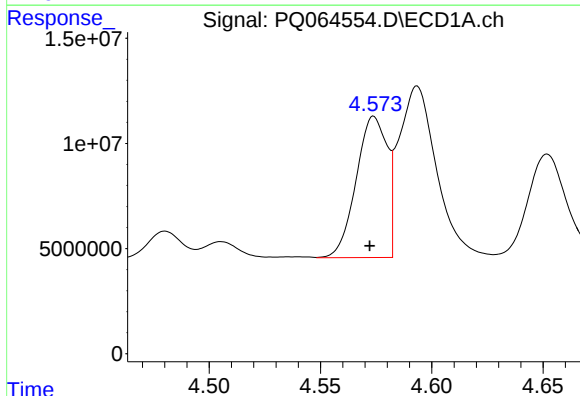
R.T.: 4.843 min
Delta R.T.: 0.002 min
Response: 39985924
Conc: 1307.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



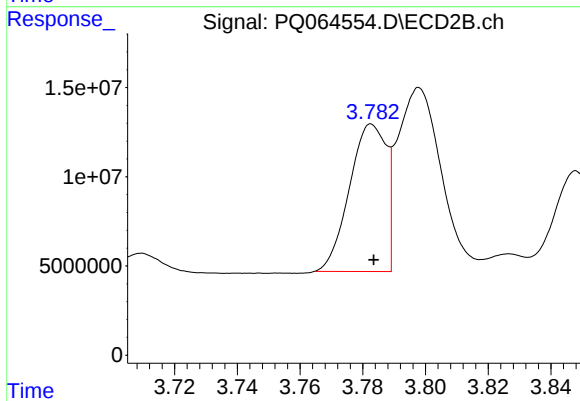
#15 AR-1232-5

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 53992702
Conc: 1268.68 ng/ml



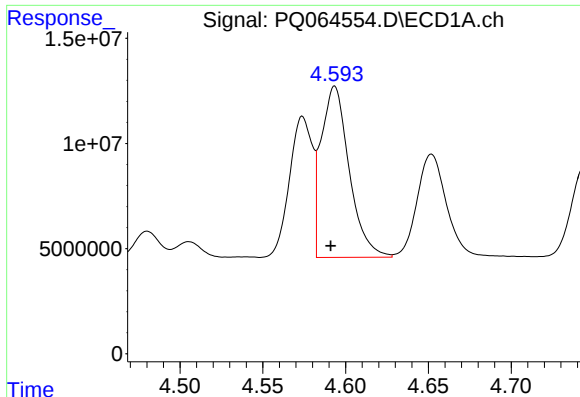
#16 AR-1242-1

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 64944066
Conc: 626.63 ng/ml



#16 AR-1242-1

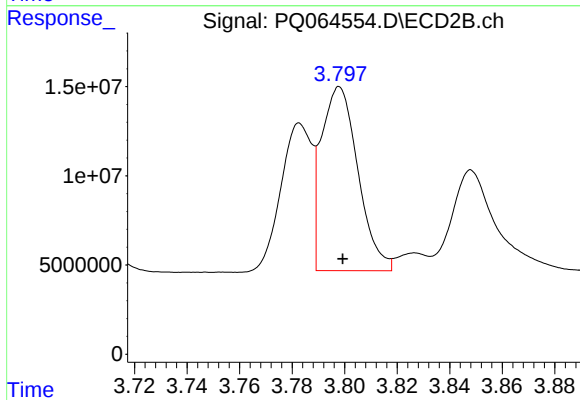
R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 67040071
Conc: 646.06 ng/ml



#17 AR-1242-2

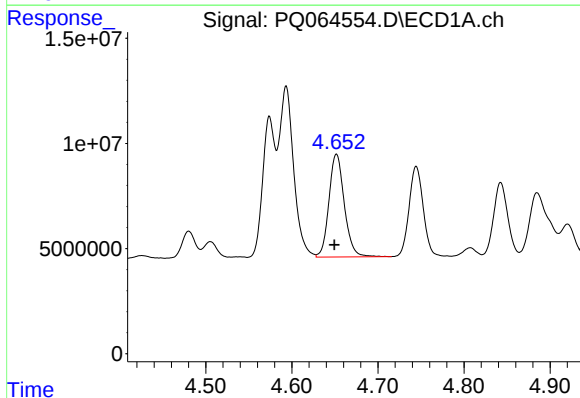
R.T.: 4.593 min
Delta R.T.: 0.002 min
Response: 96276465
Conc: 620.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



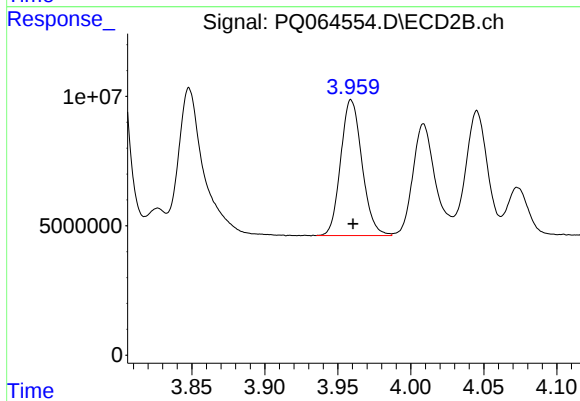
#17 AR-1242-2

R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 99987828
Conc: 647.21 ng/ml



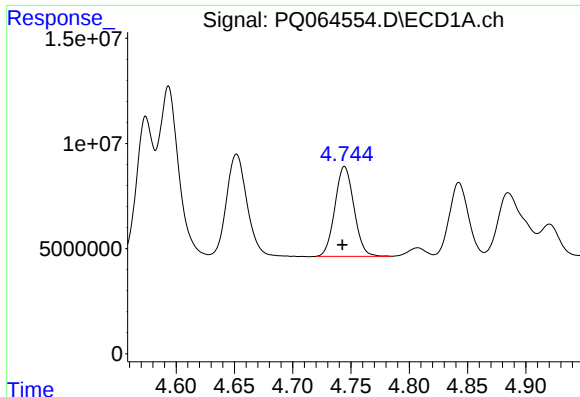
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 60694445
Conc: 626.63 ng/ml



#18 AR-1242-3

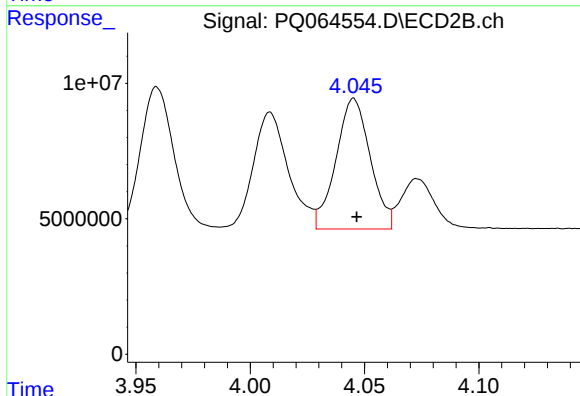
R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 53384621
Conc: 650.95 ng/ml



#19 AR-1242-4

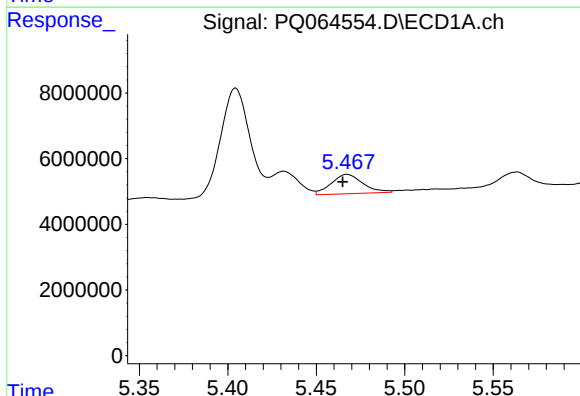
R.T.: 4.745 min
Delta R.T.: 0.002 min
Response: 48578809
Conc: 639.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



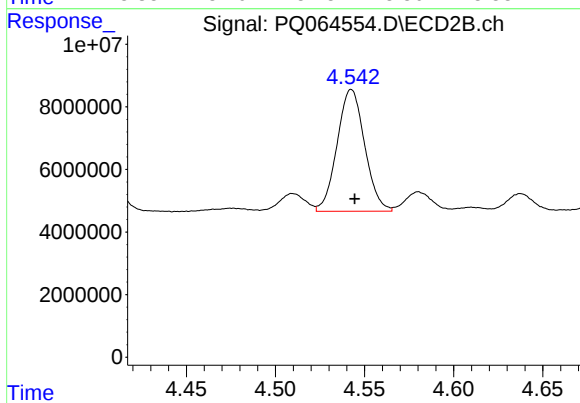
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 50273721
Conc: 644.31 ng/ml



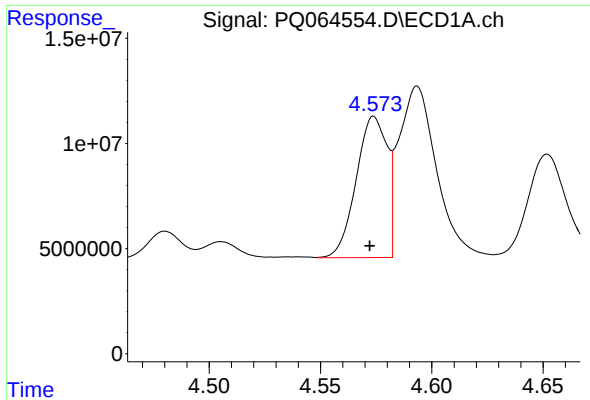
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.002 min
Response: 7341547
Conc: 88.44 ng/ml



#20 AR-1242-5

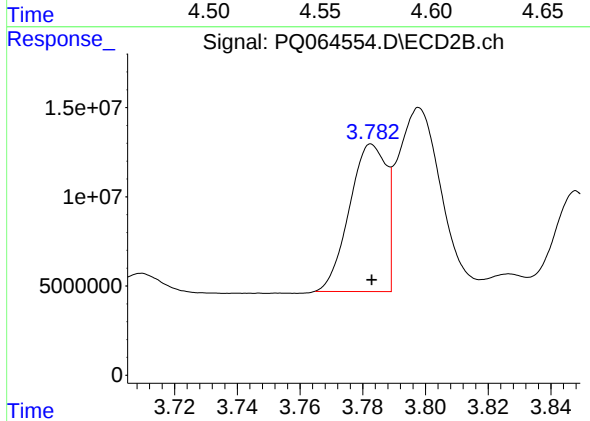
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 41967145
Conc: 435.19 ng/ml



#21 AR-1248-1

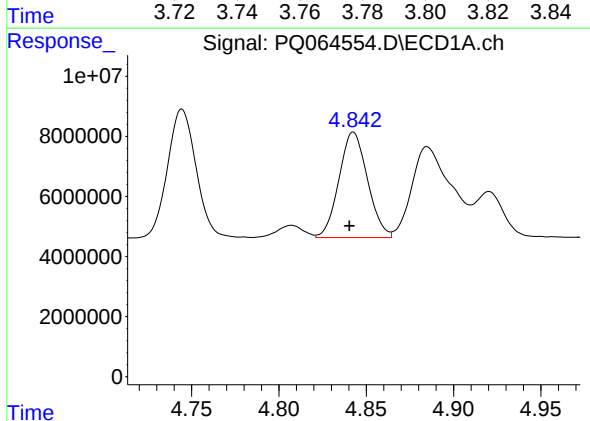
R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 64944066
Conc: 833.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



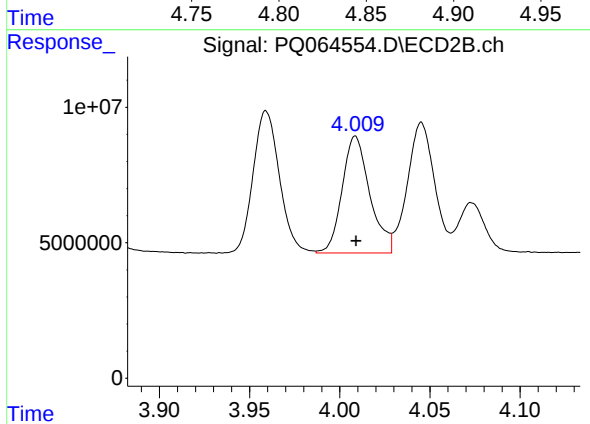
#21 AR-1248-1

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 67040071
Conc: 828.57 ng/ml



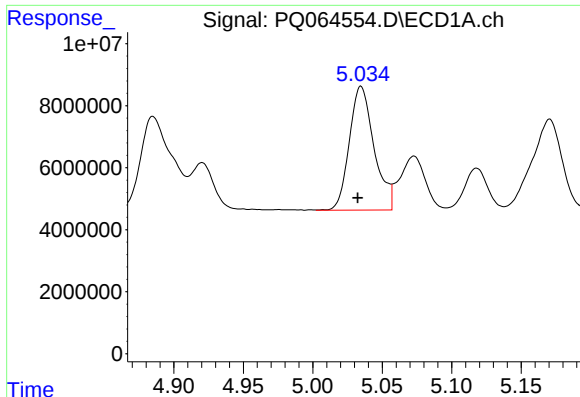
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.002 min
Response: 39985924
Conc: 358.30 ng/ml



#22 AR-1248-2

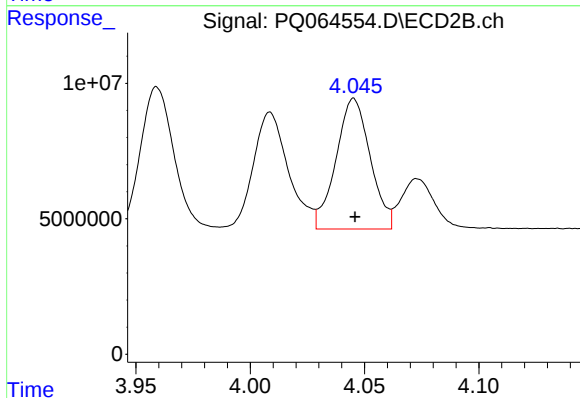
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 46209143
Conc: 376.95 ng/ml



#23 AR-1248-3

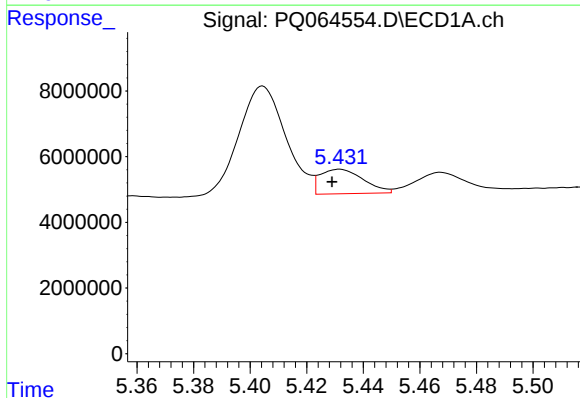
R.T.: 5.035 min
Delta R.T.: 0.002 min
Response: 49450445
Conc: 371.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



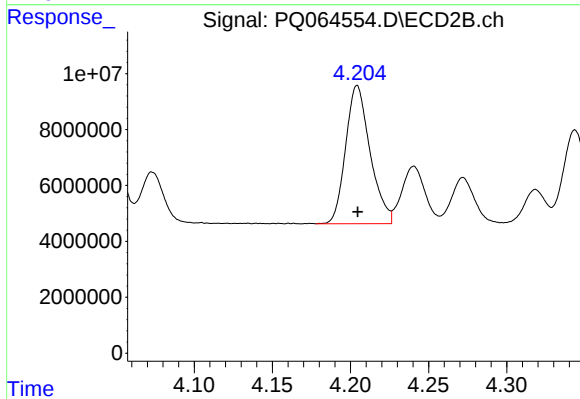
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 50273721
Conc: 430.83 ng/ml



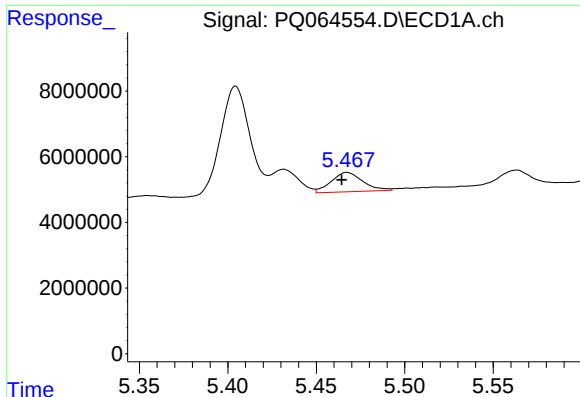
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.003 min
Response: 7919904
Conc: 55.34 ng/ml



#24 AR-1248-4

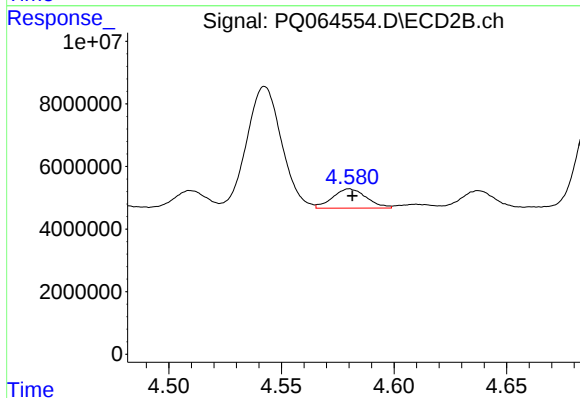
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 53992702
Conc: 385.16 ng/ml



#25 AR-1248-5

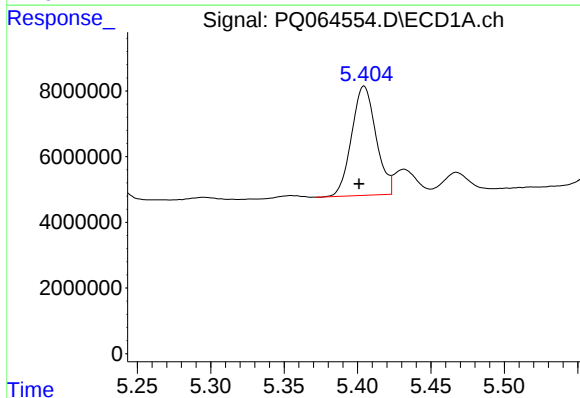
R.T.: 5.467 min
Delta R.T.: 0.003 min
Response: 7341547
Conc: 52.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



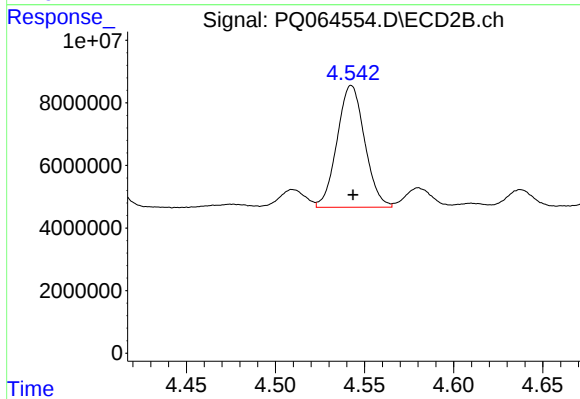
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 6473628
Conc: 48.65 ng/ml



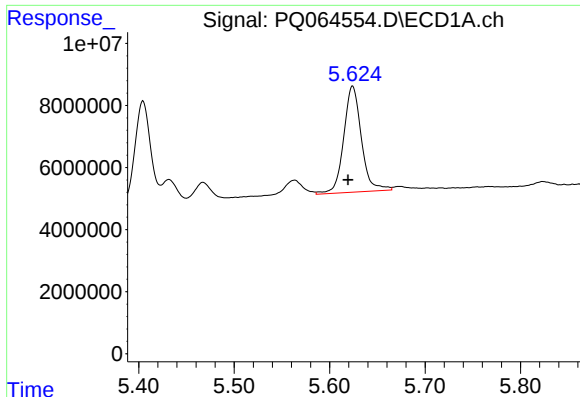
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.003 min
Response: 38423282
Conc: 250.86 ng/ml



#26 AR-1254-1

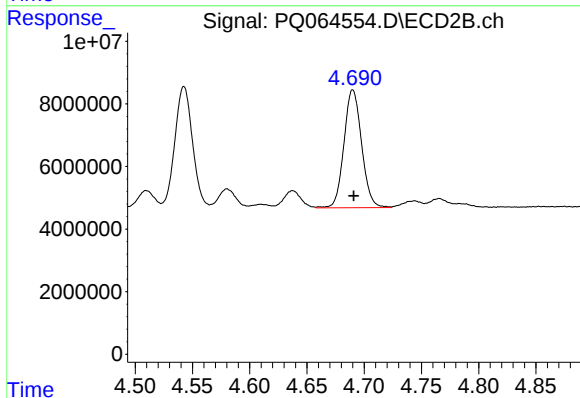
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 41967145
Conc: 200.43 ng/ml



#27 AR-1254-2

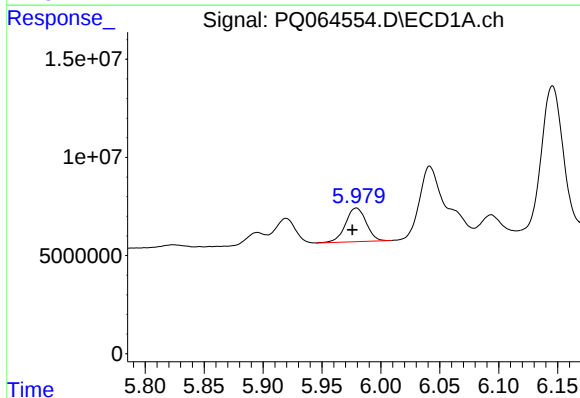
R.T.: 5.624 min
Delta R.T.: 0.005 min
Response: 44016475
Conc: 188.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



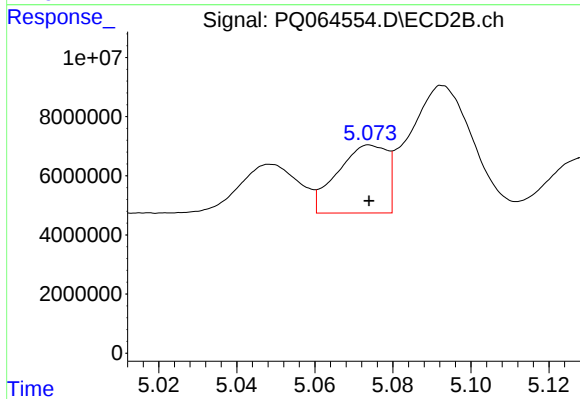
#27 AR-1254-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 40519153
Conc: 219.04 ng/ml



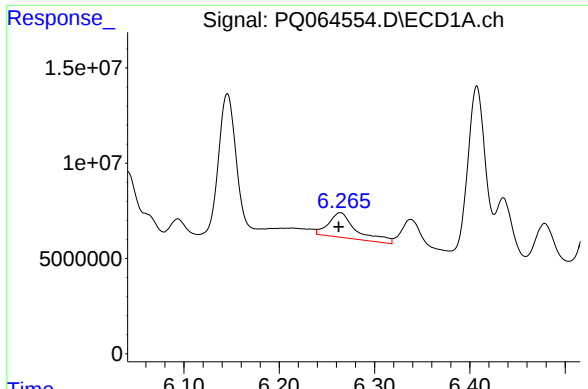
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.003 min
Response: 20956175
Conc: 85.26 ng/ml



#28 AR-1254-3

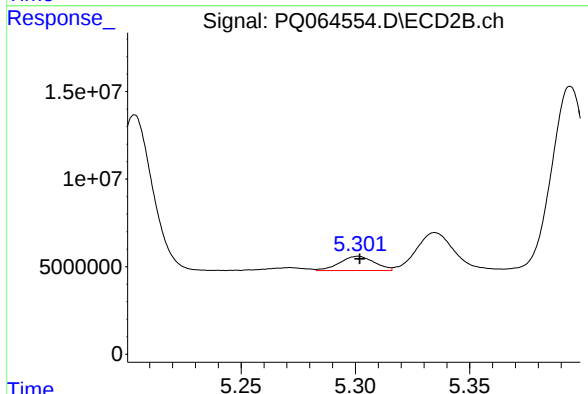
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 20242140
Conc: 71.55 ng/ml



#29 AR-1254-4

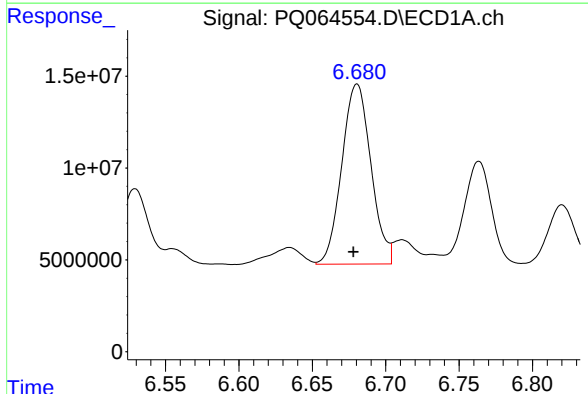
R.T.: 6.264 min
Delta R.T.: 0.002 min
Response: 26629918
Conc: 153.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



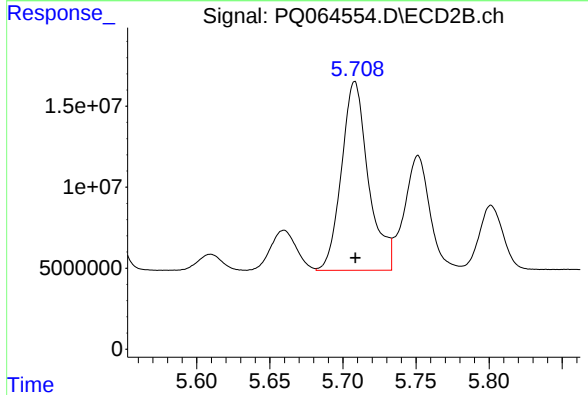
#29 AR-1254-4

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 8593451
Conc: 46.29 ng/ml



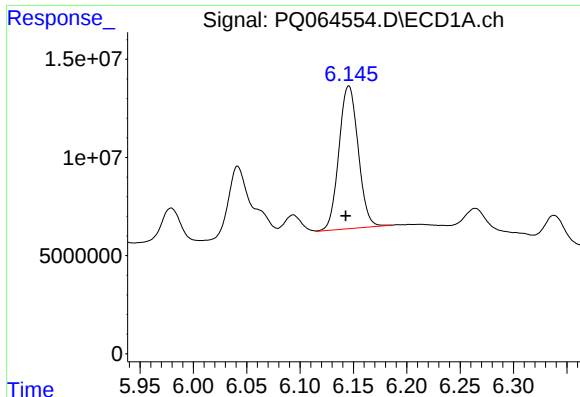
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 135291750
Conc: 700.99 ng/ml



#30 AR-1254-5

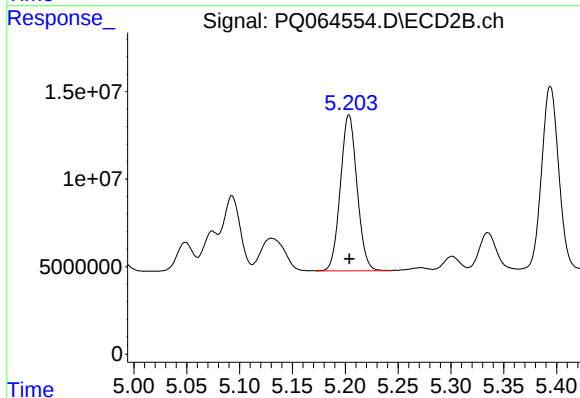
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 149470805
Conc: 575.66 ng/ml



#31 AR-1260-1

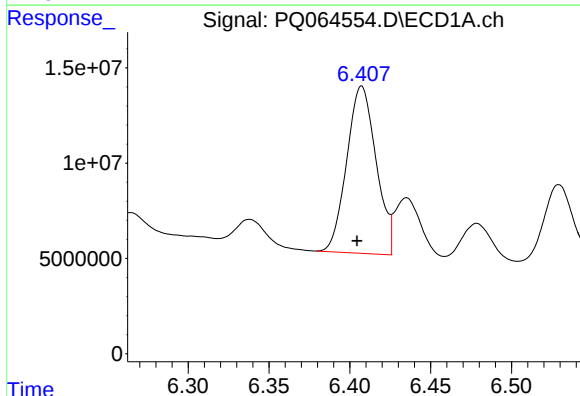
R.T.: 6.146 min
Delta R.T.: 0.003 min
Response: 91275405
Conc: 487.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



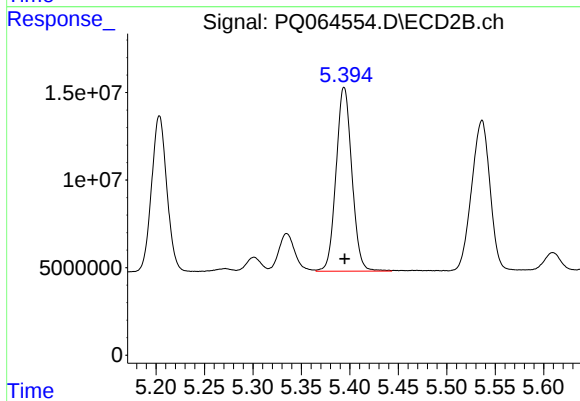
#31 AR-1260-1

R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 98014595
Conc: 506.82 ng/ml



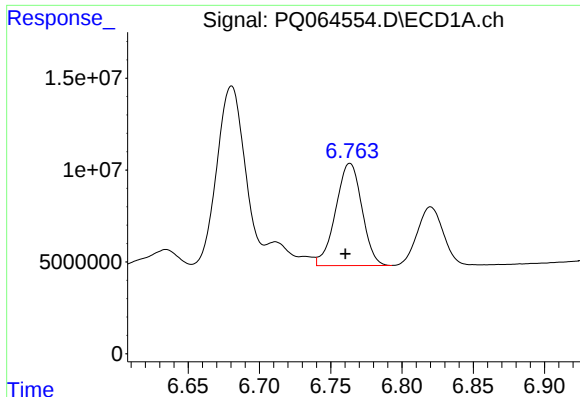
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: 0.003 min
Response: 110988809
Conc: 511.94 ng/ml



#32 AR-1260-2

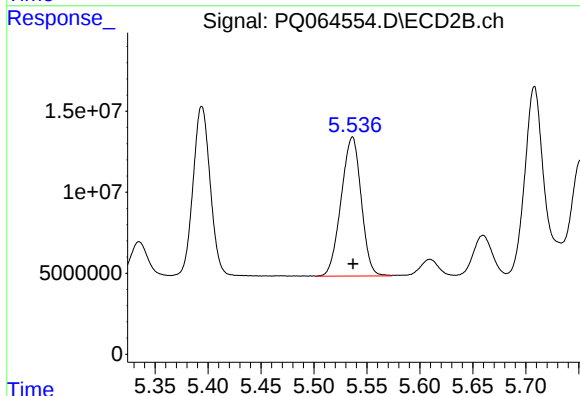
R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 119416970
Conc: 513.12 ng/ml



#33 AR-1260-3

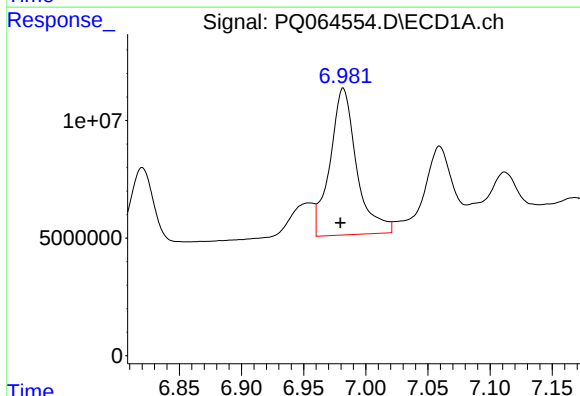
R.T.: 6.763 min
Delta R.T.: 0.003 min
Response: 71328298
Conc: 437.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



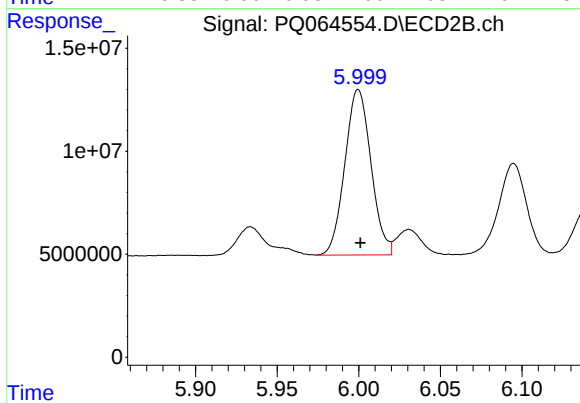
#33 AR-1260-3

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 113363604
Conc: 521.53 ng/ml



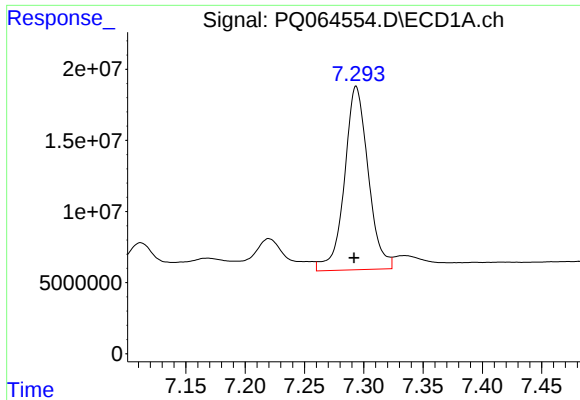
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 92794509
Conc: 540.92 ng/ml



#34 AR-1260-4

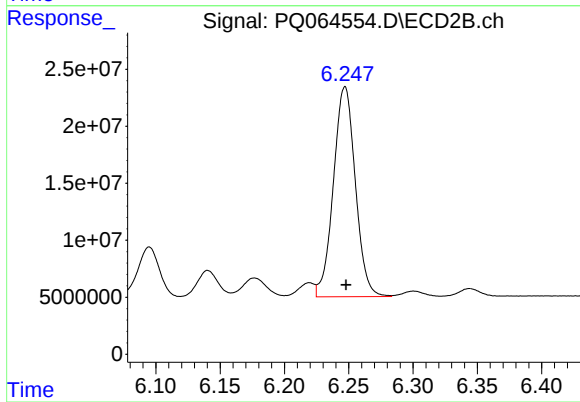
R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 89724423
Conc: 487.11 ng/ml



#35 AR-1260-5

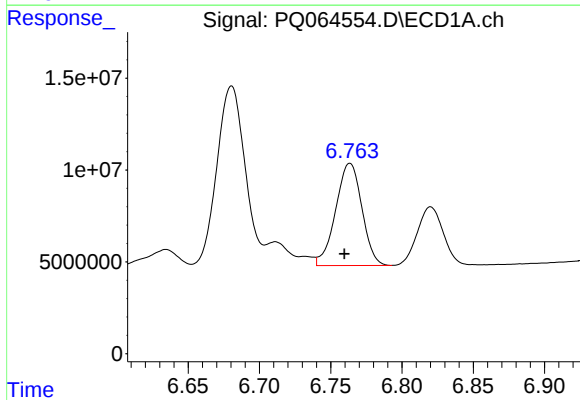
R.T.: 7.294 min
Delta R.T.: 0.002 min
Response: 179772179
Conc: 532.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



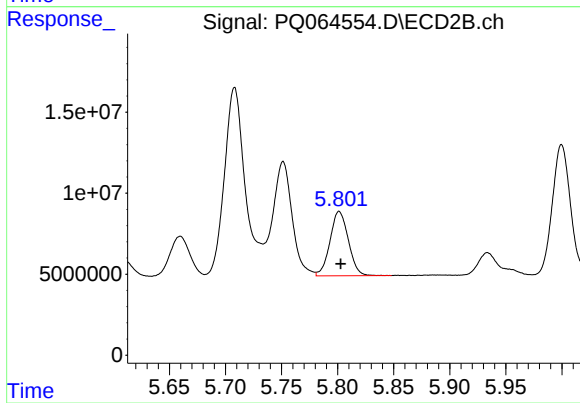
#35 AR-1260-5

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 219120649
Conc: 505.32 ng/ml



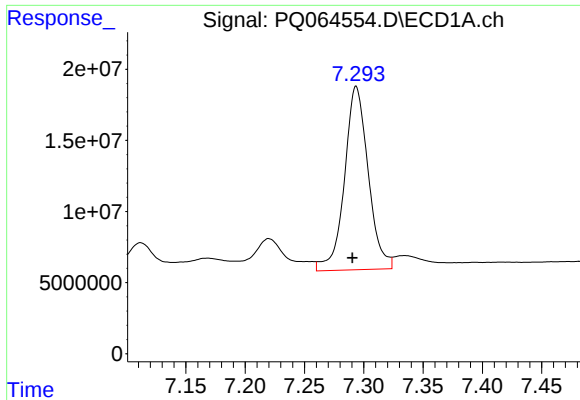
#36 AR-1262-1

R.T.: 6.763 min
Delta R.T.: 0.004 min
Response: 71328298
Conc: 289.94 ng/ml



#36 AR-1262-1

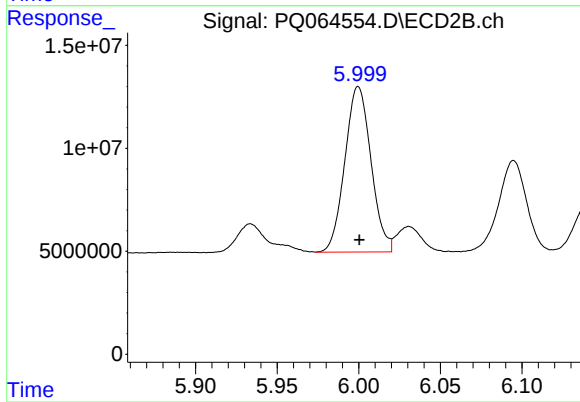
R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 45422434
Conc: 398.78 ng/ml



#37 AR-1262-2

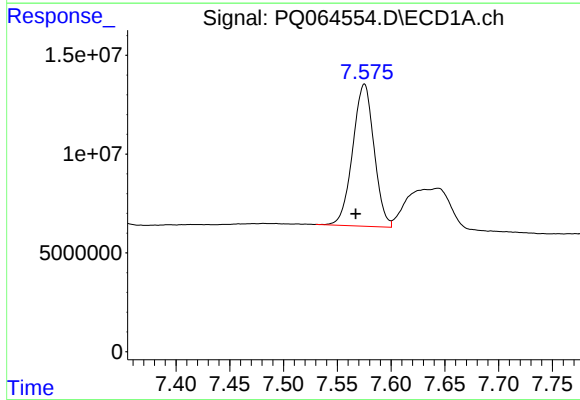
R.T.: 7.294 min
Delta R.T.: 0.003 min
Response: 179772179
Conc: 448.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



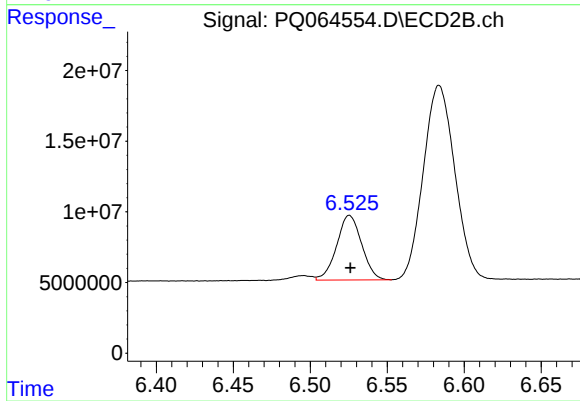
#37 AR-1262-2

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 89724423
Conc: 352.22 ng/ml



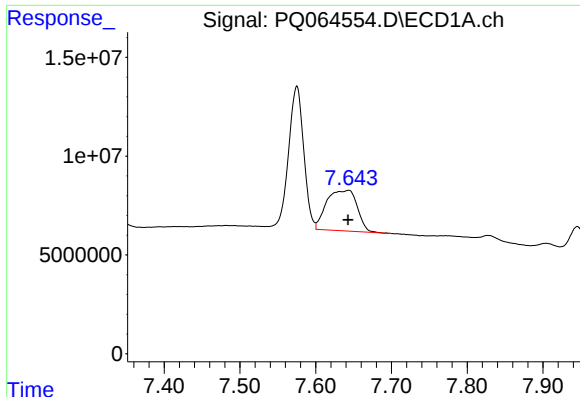
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.008 min
Response: 99367155
Conc: 367.38 ng/ml



#38 AR-1262-3

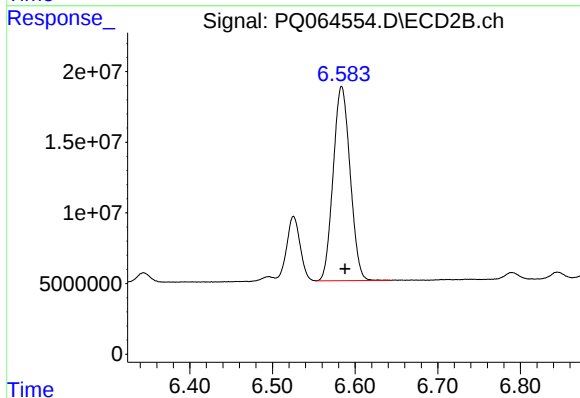
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 51720429
Conc: 229.67 ng/ml



#39 AR-1262-4

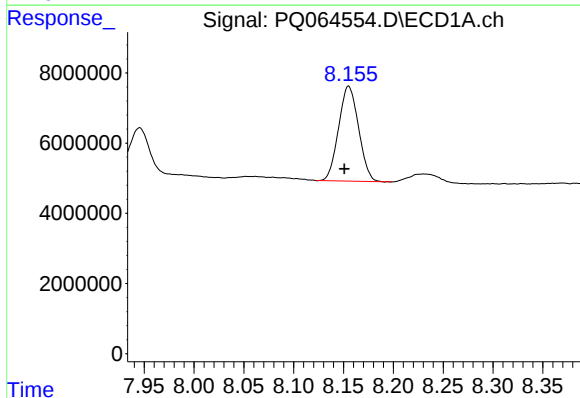
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 57476934
Conc: 272.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



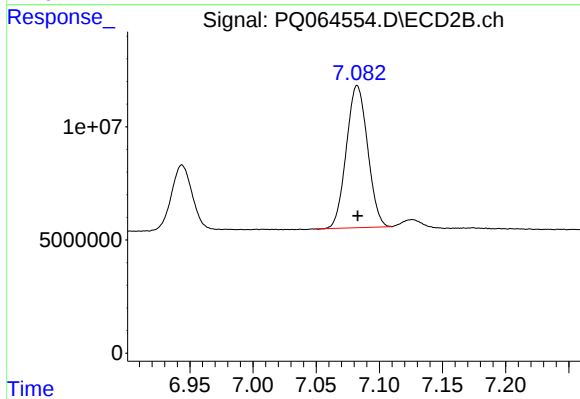
#39 AR-1262-4

R.T.: 6.584 min
Delta R.T.: -0.004 min
Response: 195880469
Conc: 452.60 ng/ml



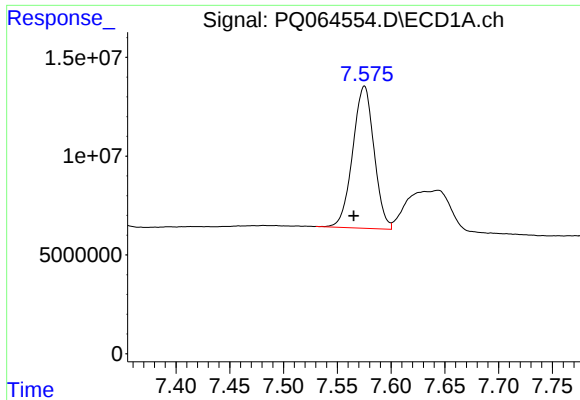
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: 0.004 min
Response: 37830895
Conc: 277.56 ng/ml



#40 AR-1262-5

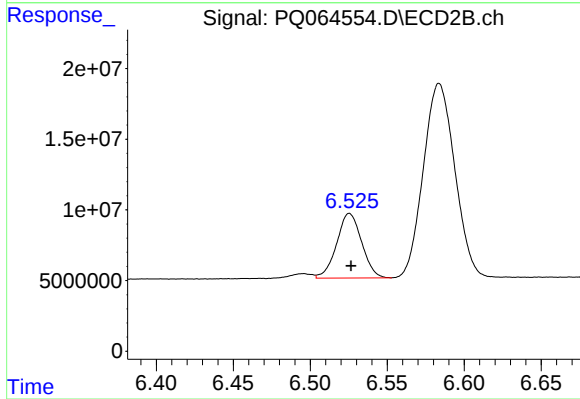
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 73638813
Conc: 280.52 ng/ml



#41 AR-1268-1

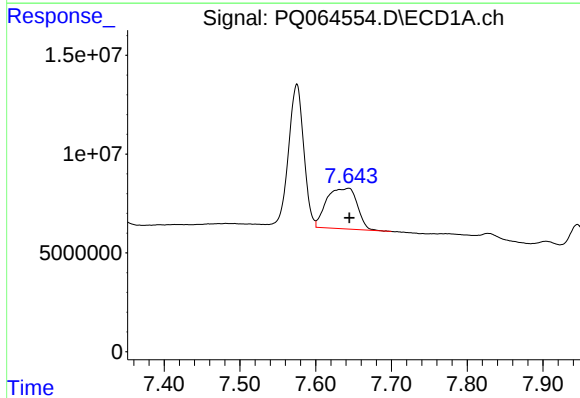
R.T.: 7.575 min
Delta R.T.: 0.010 min
Response: 99367155
Conc: 207.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



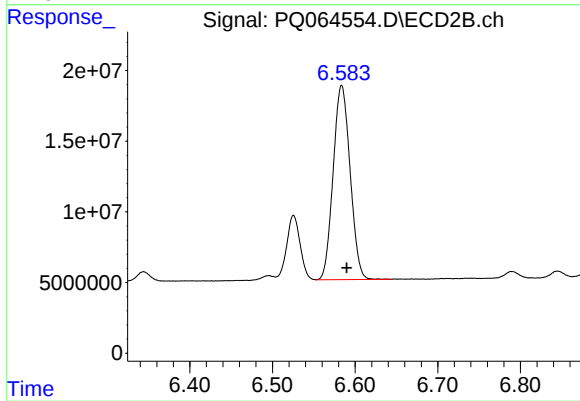
#41 AR-1268-1

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 51720429
Conc: 78.57 ng/ml



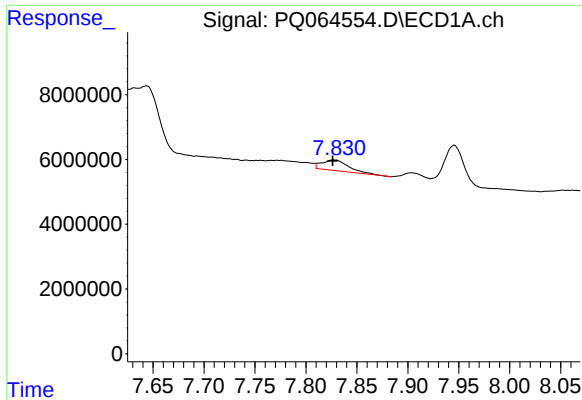
#42 AR-1268-2

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 57476934
Conc: 132.17 ng/ml



#42 AR-1268-2

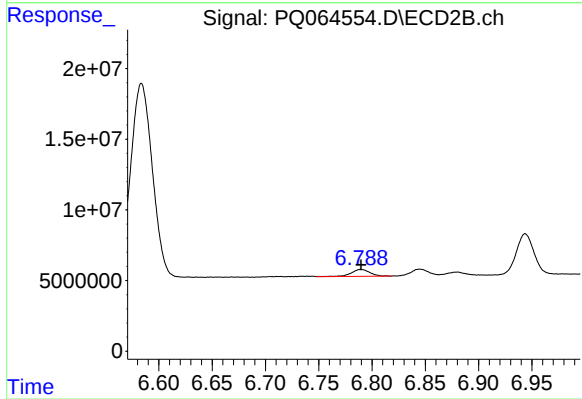
R.T.: 6.584 min
Delta R.T.: -0.006 min
Response: 195880469
Conc: 315.52 ng/ml



#43 AR-1268-3

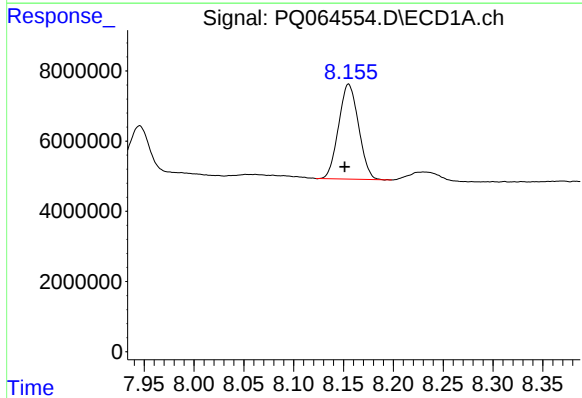
R.T.: 7.827 min
Delta R.T.: 0.001 min
Response: 5987069
Conc: 15.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



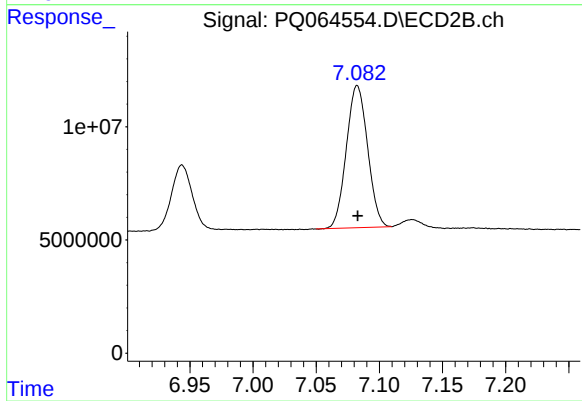
#43 AR-1268-3

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 6027043
Conc: 9.42 ng/ml



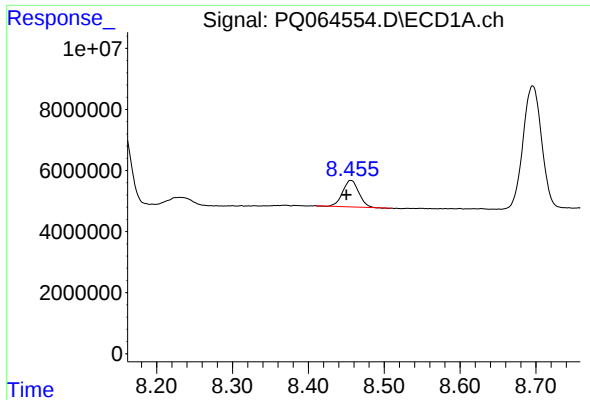
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.004 min
Response: 37830895
Conc: 247.16 ng/ml



#44 AR-1268-4

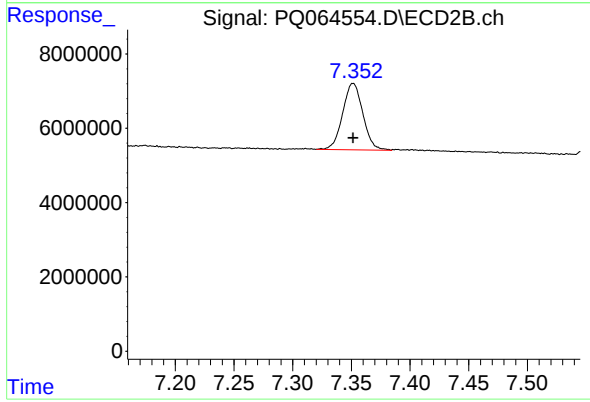
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 73638813
Conc: 244.70 ng/ml



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.006 min
Response: 12820540
Conc: 11.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 21479927
Conc: 11.37 ng/ml