

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101420\
 Data File : PQ050424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2020 16:12
 Operator : DD\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 04:19:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 13:34:07 2020
 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...	5.203	4.267	786.5E6	242.3E6	57.803	57.980
2)	SA Decachlor...	11.392	9.621	464.2E6	341.5E6	45.238	44.618
Target Compounds							
3)	L1 AR-1016-1	6.537	5.528	9051564	2718842	17.369	14.209
4)	L1 AR-1016-2	6.563	5.548	10483557	2200398	14.160	8.421 #
5)	L1 AR-1016-3	6.625	5.744	4538768	1623442	10.064	11.548
6)	L1 AR-1016-4	6.733	5.793	5123170	63713698	13.575	578.163 #
7)	L1 AR-1016-5	7.049	6.024	100.9E6	38441602	278.292	259.660
9)	L2 AR-1221-2	5.562	4.624	11435818	3279401	118.430	111.928
12)	L3 AR-1232-2	6.241	5.548	3176826	2200398	22.766	21.299
13)	L3 AR-1232-3	6.563	5.744	10483557	1623442	35.872	29.746
14)	L3 AR-1232-4	6.733	5.837	5123170	18857336	34.176	397.655 #
15)	L3 AR-1232-5	6.830	6.024	171.3E6	38441602	1561.583	720.524 #
16)	L4 AR-1242-1	6.537	5.528	9051564	2718842	23.930	19.913
17)	L4 AR-1242-2	6.563	5.548	10483557	2200398	19.618	11.817 #
18)	L4 AR-1242-3	6.625	5.744	4538768	1623442	13.861	16.204
19)	L4 AR-1242-4	6.733	5.837	5123170	18857336	18.754	198.064 #
20)	L4 AR-1242-5	7.522	6.403	92443059	171.1E6	307.337	1233.393 #
21)	L5 AR-1248-1	6.537	5.528	9051564	2718842	24.472	21.117
22)	L5 AR-1248-2	6.830	5.793	171.3E6	63713698	336.527	357.410
23)	L5 AR-1248-3	7.049	5.837	100.9E6	18857336	182.281	102.369 #
24)	L5 AR-1248-4	7.481	6.024	155.9E6	38441602	244.372	170.693 #
25)	L5 AR-1248-5	7.522	6.446	92443059	20669066	150.478	86.026 #
26)	L6 AR-1254-1	7.447	6.403	282.4E6	171.1E6	581.024	591.621
27)	L6 AR-1254-2	7.676	6.562	438.4E6	151.1E6	584.394	584.757
28)	L6 AR-1254-3	8.063	6.984	443.9E6	255.3E6	585.243	590.170
29)	L6 AR-1254-4	8.360	7.222	345.0E6	180.9E6	576.090	578.613
30)	L6 AR-1254-5	8.790	7.652	340.0E6	242.9E6	588.112	582.013
31)	L7 AR-1260-1	8.226	7.121	183.5E6	121.4E6	302.165	385.720 #
32)	L7 AR-1260-2	8.492	7.316	203.1E6	110.9E6	284.852	257.209
33)	L7 AR-1260-3	8.852	7.471	46718262	103.7E6	84.927	275.973 #
34)	L7 AR-1260-4	9.099	7.956	134.0E6	11717036	231.253	34.685 #
35)	L7 AR-1260-5	9.448	8.201	63350081	30737735	54.754	32.252 #
36)	L8 AR-1262-1	8.852	7.652	46718262	242.9E6	66.276	1062.837 #
37)	L8 AR-1262-2	9.448	8.201	63350081	30737735	54.490	32.388 #
38)	L8 AR-1262-3	0.000	8.489	0	1113233	N.D.	2.831 #
39)	L8 AR-1262-4	9.859	8.550	11086090	28393406	17.353	41.428 #
40)	L8 AR-1262-5	0.000	9.058	0	1335815	N.D.	3.872 #
41)	L9 AR-1268-1	0.000	8.489	0	1113233	N.D.	0.986 #
42)	L9 AR-1268-2	0.000	8.550	0	28393406	N.D.	28.626 #
43)	L9 AR-1268-3	10.118	8.763	3599944	2030703	3.505	2.410 #
44)	L9 AR-1268-4	0.000	9.058	0	1335815	N.D.	3.531 #

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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
45) L9	AR-1268-5	11.034	9.360	5474130	2643240	1.869	1.013 #

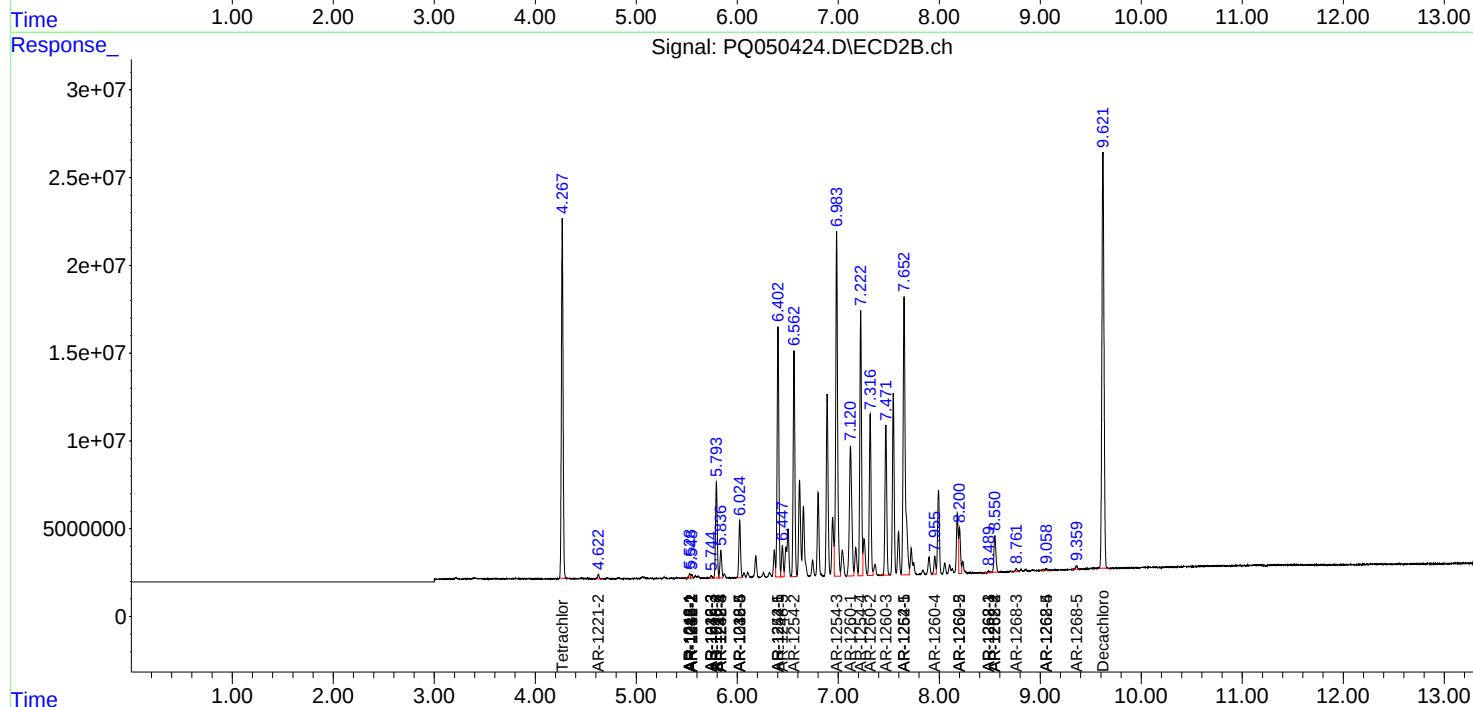
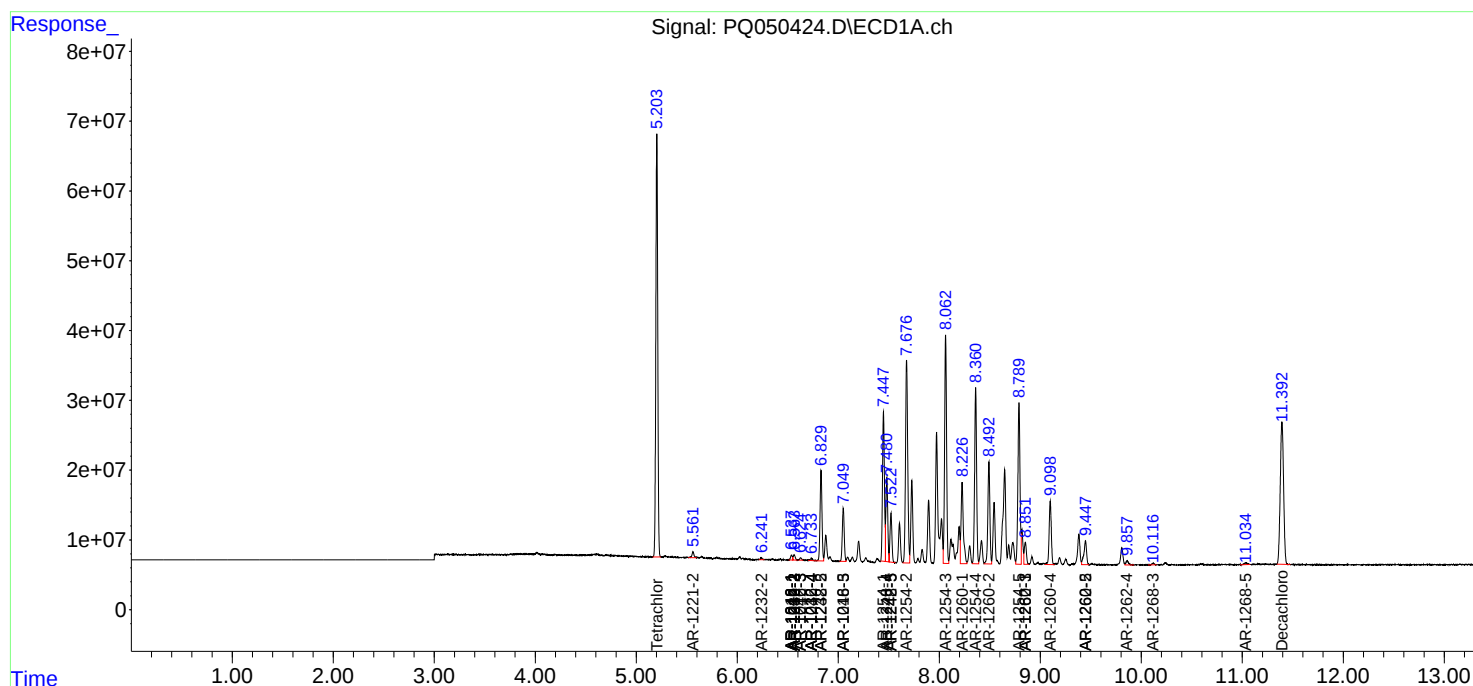
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

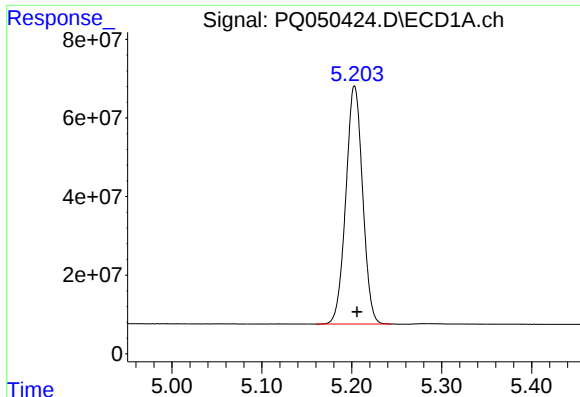
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101420\
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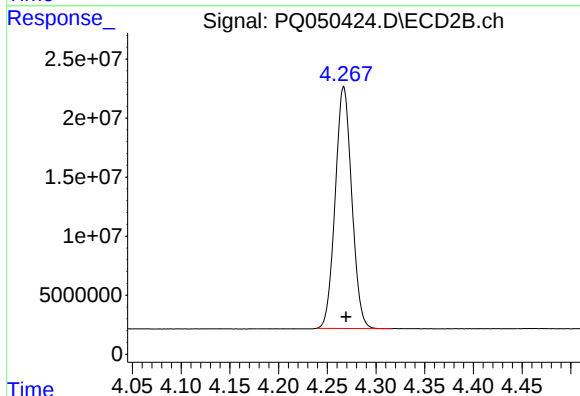




#1 Tetrachloro-m-xylene

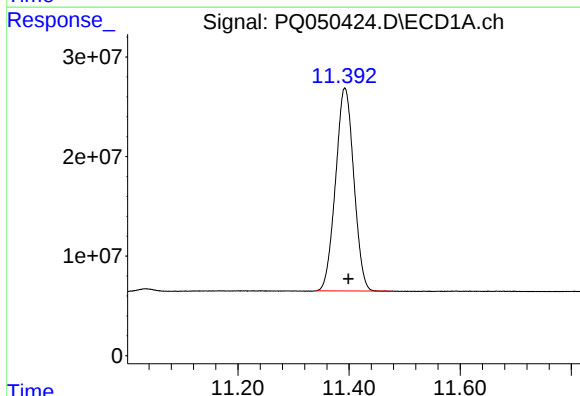
R.T.: 5.203 min
Delta R.T.: -0.003 min
Response: 786452460
Conc: 57.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



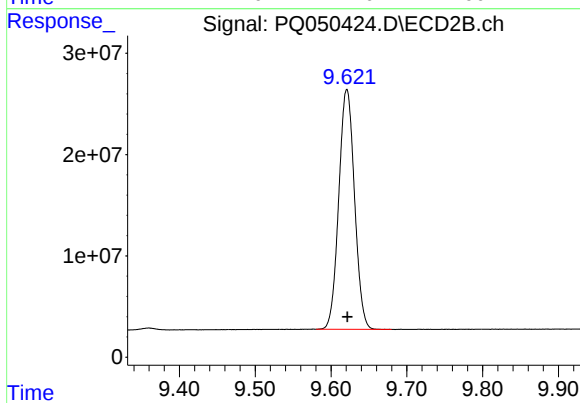
#1 Tetrachloro-m-xylene

R.T.: 4.267 min
Delta R.T.: -0.003 min
Response: 242284798
Conc: 57.98 ng/ml



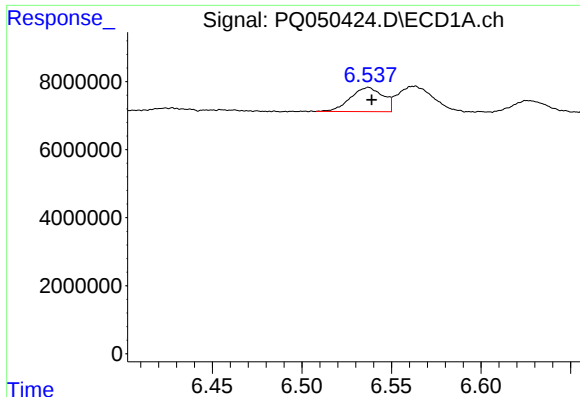
#2 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: -0.006 min
Response: 464188547
Conc: 45.24 ng/ml



#2 Decachlorobiphenyl

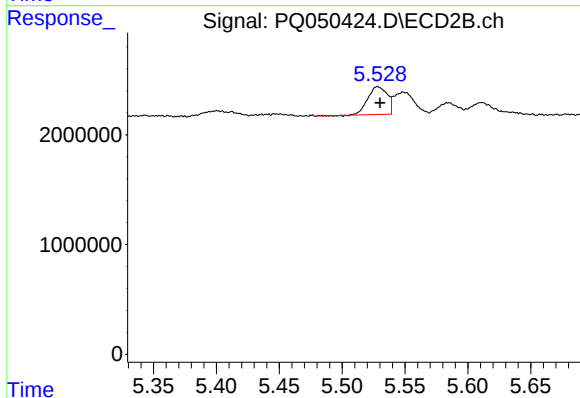
R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 341514566
Conc: 44.62 ng/ml



#3 AR-1016-1

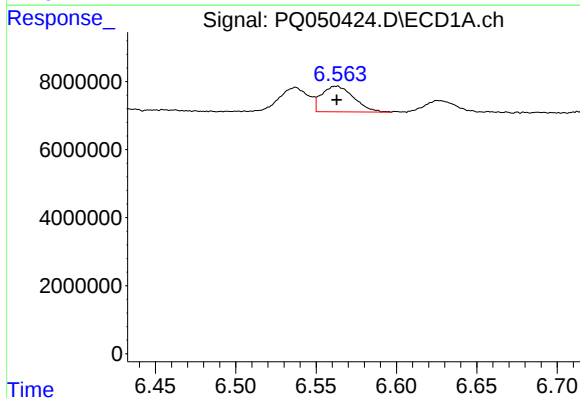
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 9051564
Conc: 17.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



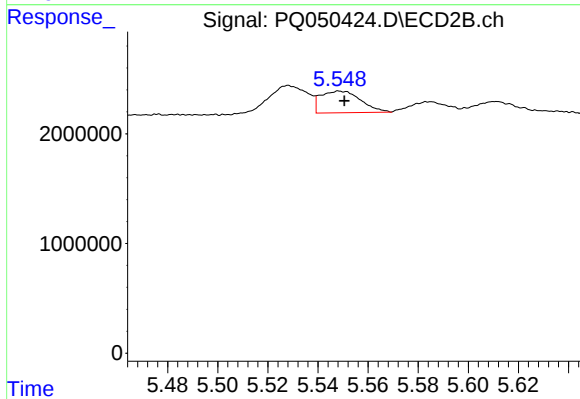
#3 AR-1016-1

R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 2718842
Conc: 14.21 ng/ml



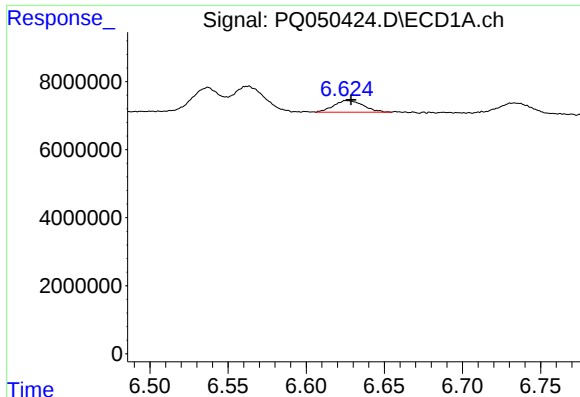
#4 AR-1016-2

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 10483557
Conc: 14.16 ng/ml



#4 AR-1016-2

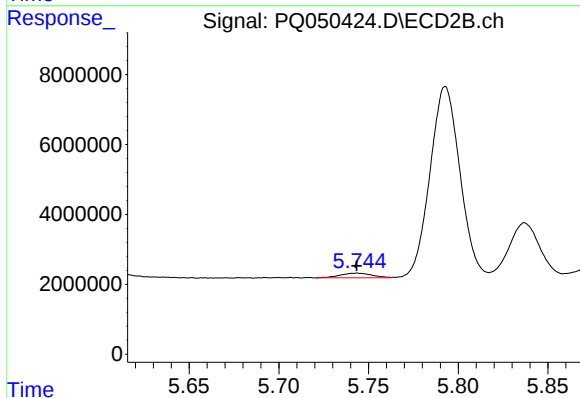
R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 2200398
Conc: 8.42 ng/ml



#5 AR-1016-3

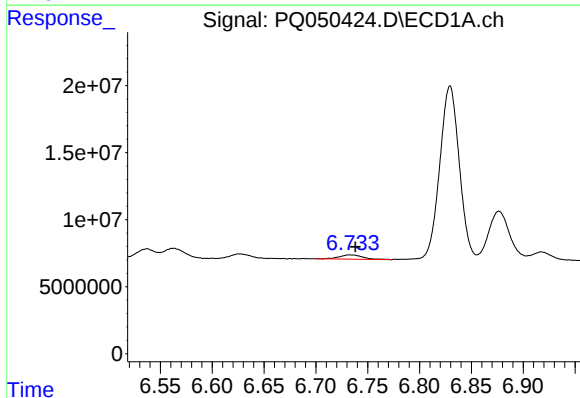
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 4538768
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



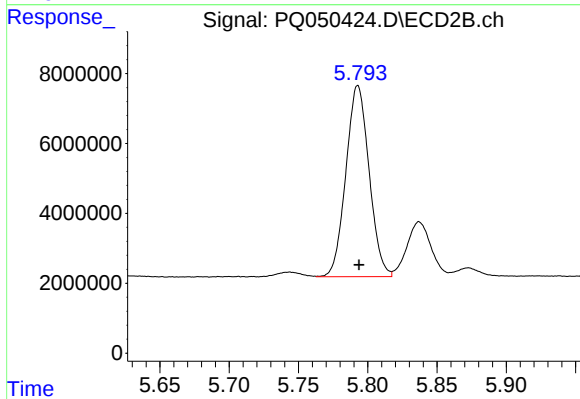
#5 AR-1016-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 1623442
Conc: 11.55 ng/ml



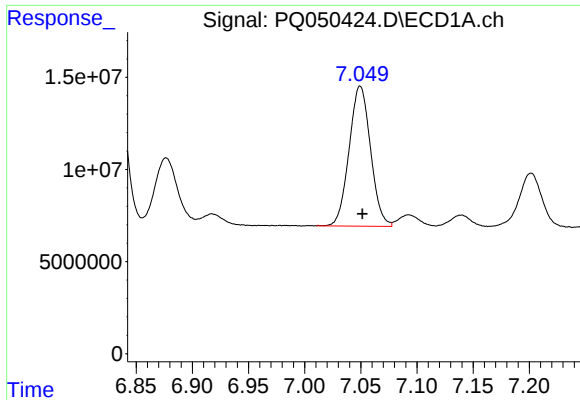
#6 AR-1016-4

R.T.: 6.733 min
Delta R.T.: -0.005 min
Response: 5123170
Conc: 13.57 ng/ml



#6 AR-1016-4

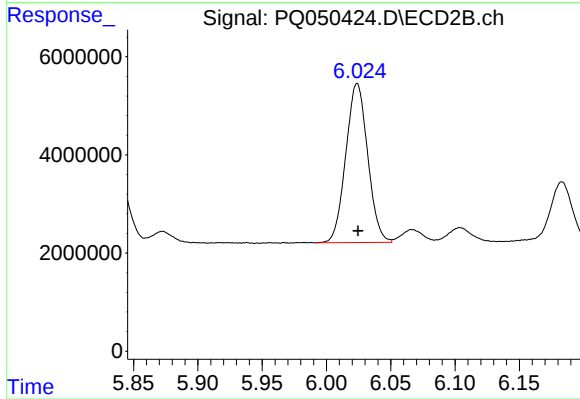
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 63713698
Conc: 578.16 ng/ml



#7 AR-1016-5

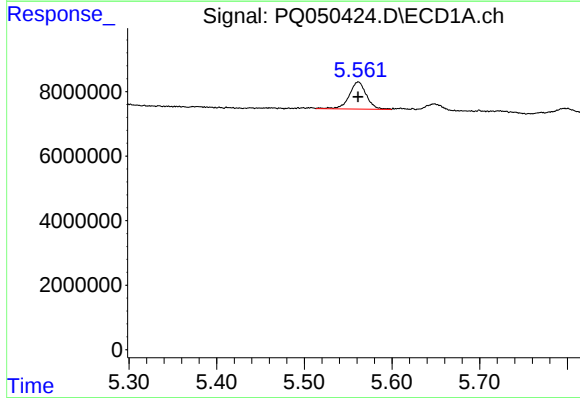
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 100932067
Conc: 278.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



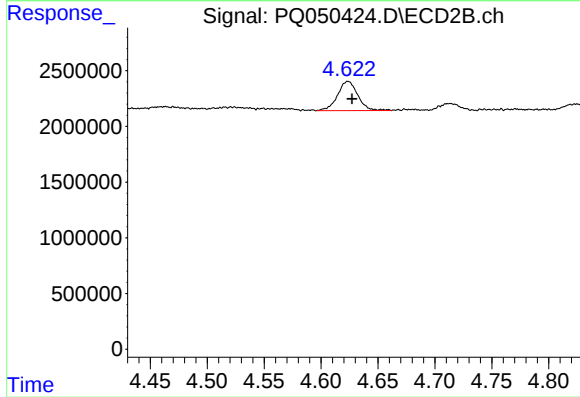
#7 AR-1016-5

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 38441602
Conc: 259.66 ng/ml



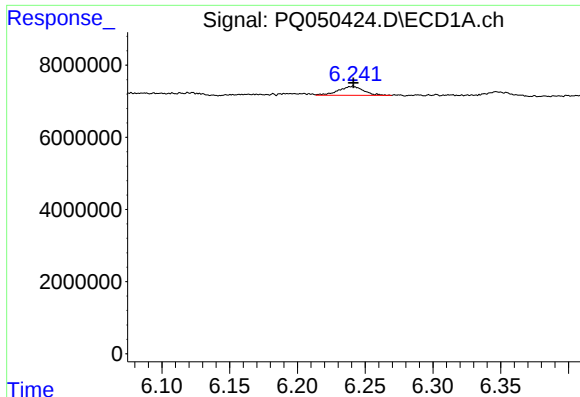
#9 AR-1221-2

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 11435818
Conc: 118.43 ng/ml



#9 AR-1221-2

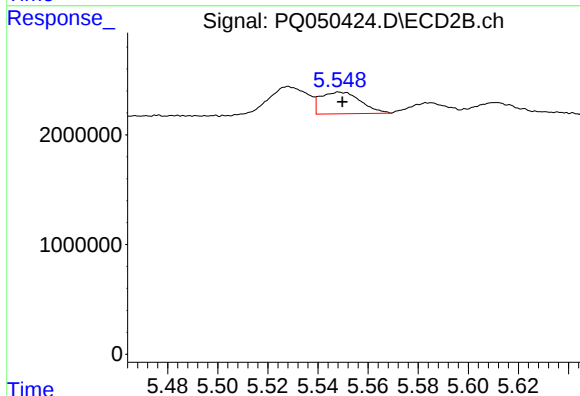
R.T.: 4.624 min
Delta R.T.: -0.004 min
Response: 3279401
Conc: 111.93 ng/ml



#12 AR-1232-2

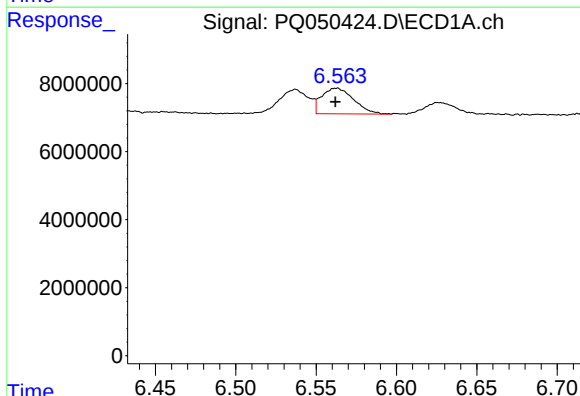
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 3176826
Conc: 22.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



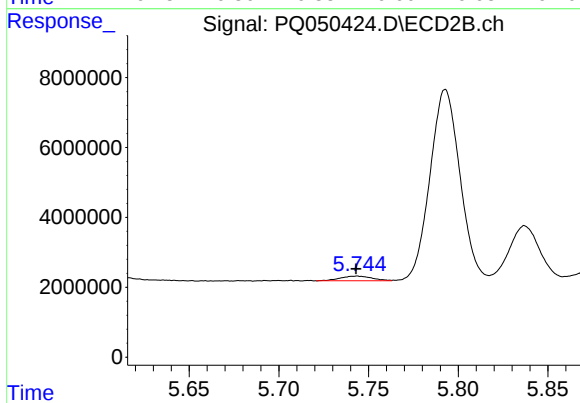
#12 AR-1232-2

R.T.: 5.548 min
Delta R.T.: -0.001 min
Response: 2200398
Conc: 21.30 ng/ml



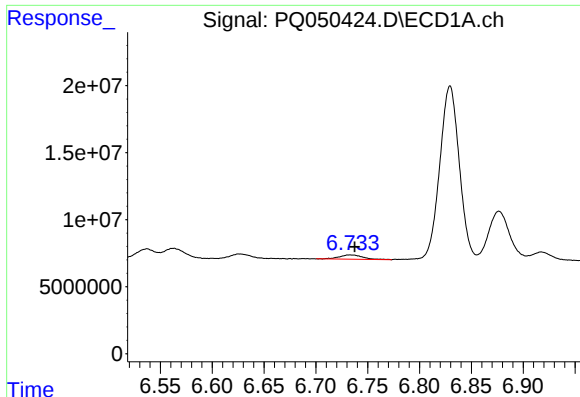
#13 AR-1232-3

R.T.: 6.563 min
Delta R.T.: 0.001 min
Response: 10483557
Conc: 35.87 ng/ml



#13 AR-1232-3

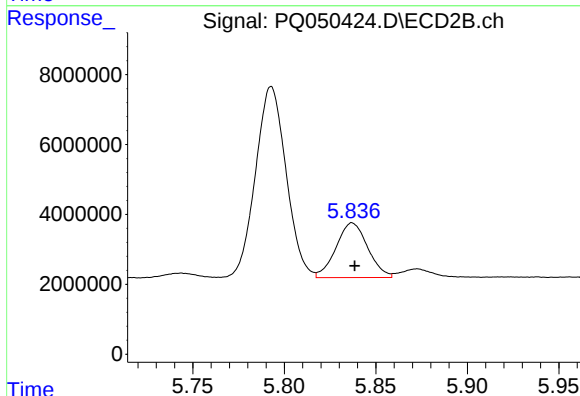
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 1623442
Conc: 29.75 ng/ml



#14 AR-1232-4

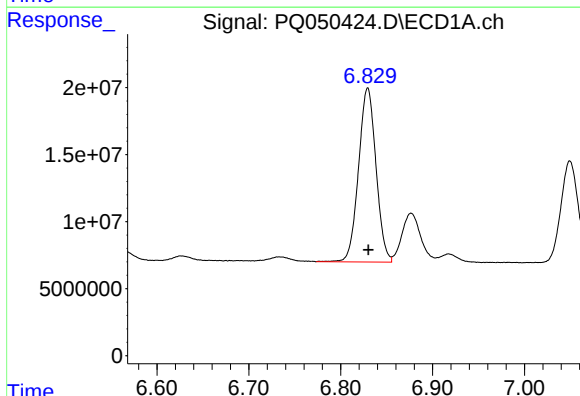
R.T.: 6.733 min
Delta R.T.: -0.004 min
Response: 5123170
Conc: 34.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



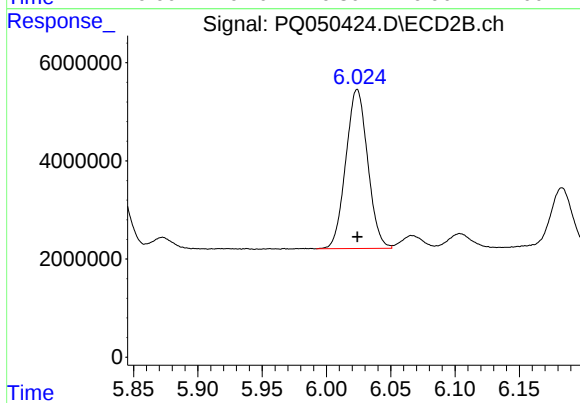
#14 AR-1232-4

R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 18857336
Conc: 397.66 ng/ml



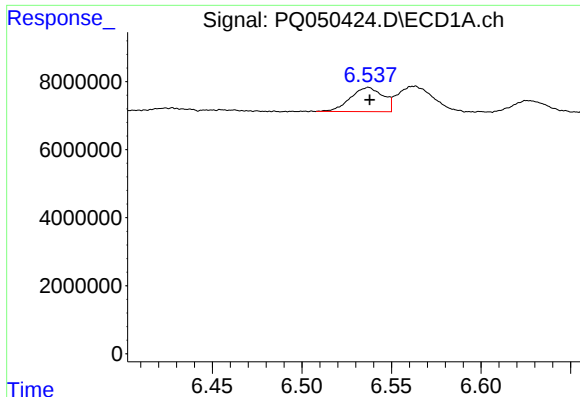
#15 AR-1232-5

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 171349777
Conc: 1561.58 ng/ml



#15 AR-1232-5

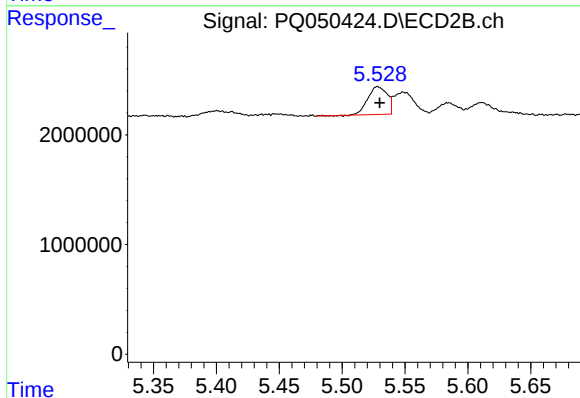
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 38441602
Conc: 720.52 ng/ml



#16 AR-1242-1

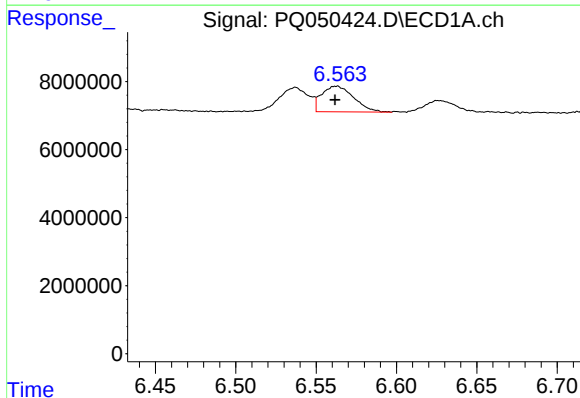
R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 9051564
Conc: 23.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



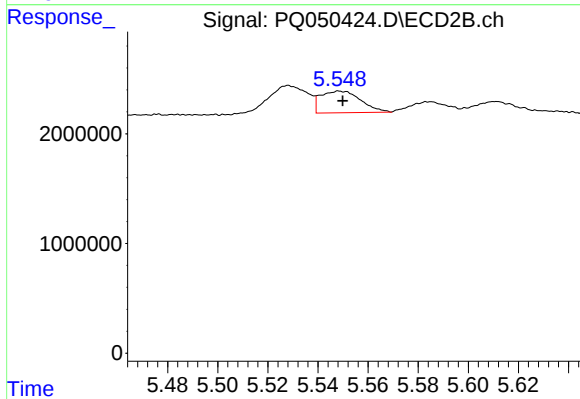
#16 AR-1242-1

R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 2718842
Conc: 19.91 ng/ml



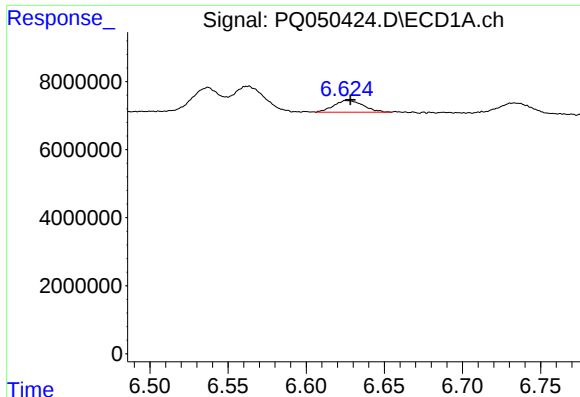
#17 AR-1242-2

R.T.: 6.563 min
Delta R.T.: 0.002 min
Response: 10483557
Conc: 19.62 ng/ml



#17 AR-1242-2

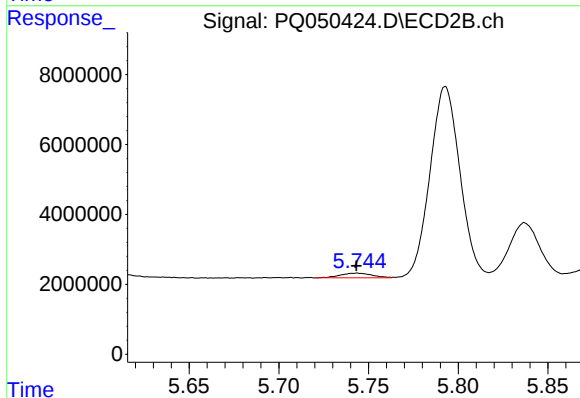
R.T.: 5.548 min
Delta R.T.: -0.001 min
Response: 2200398
Conc: 11.82 ng/ml



#18 AR-1242-3

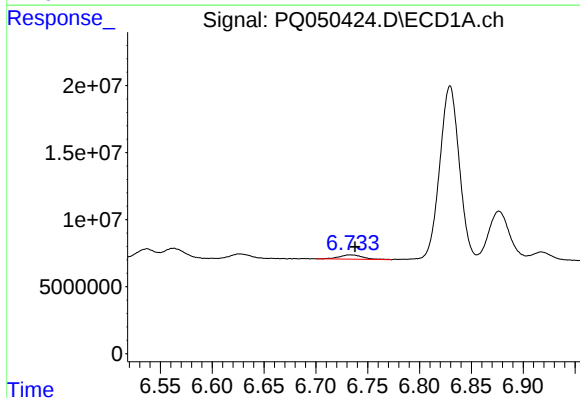
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 4538768
Conc: 13.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



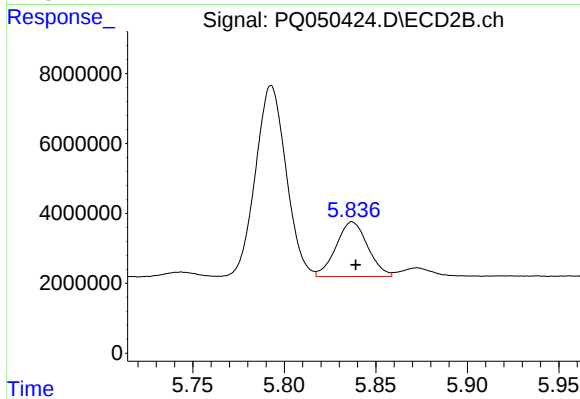
#18 AR-1242-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 1623442
Conc: 16.20 ng/ml



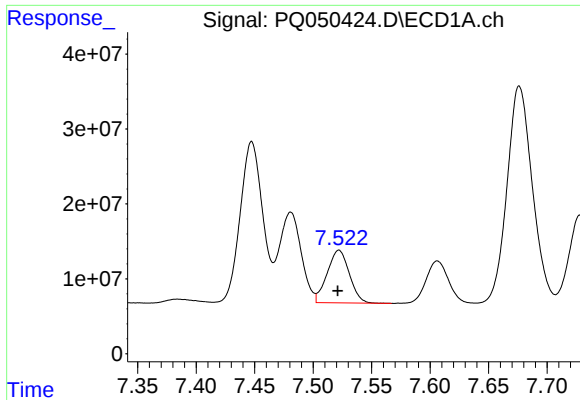
#19 AR-1242-4

R.T.: 6.733 min
Delta R.T.: -0.005 min
Response: 5123170
Conc: 18.75 ng/ml



#19 AR-1242-4

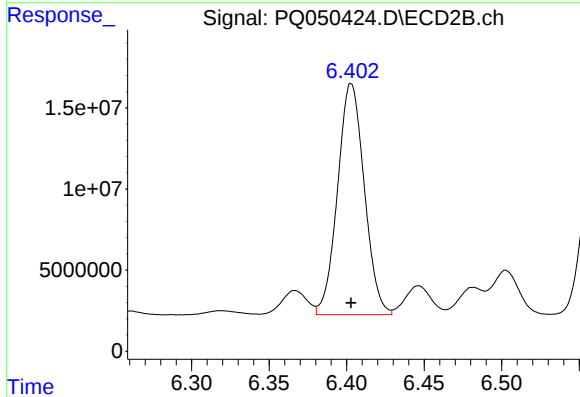
R.T.: 5.837 min
Delta R.T.: -0.002 min
Response: 18857336
Conc: 198.06 ng/ml



#20 AR-1242-5

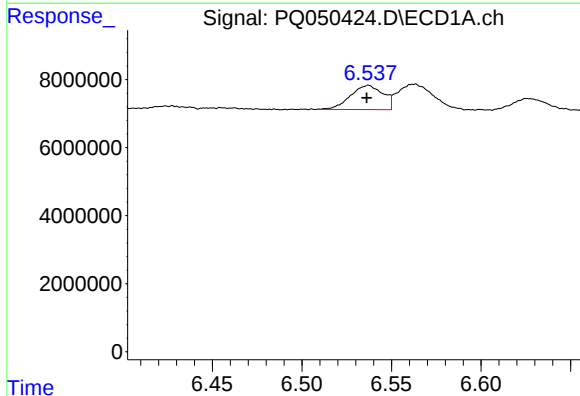
R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 92443059
Conc: 307.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



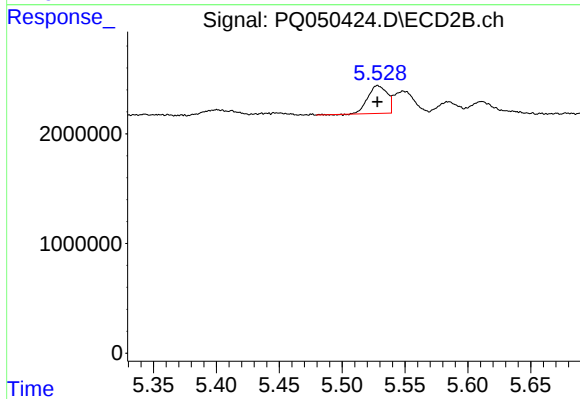
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 171062073
Conc: 1233.39 ng/ml



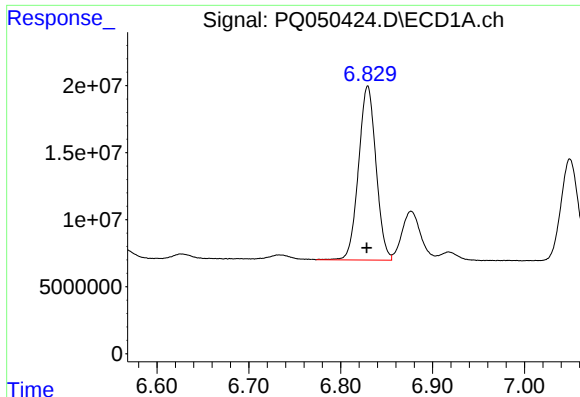
#21 AR-1248-1

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 9051564
Conc: 24.47 ng/ml



#21 AR-1248-1

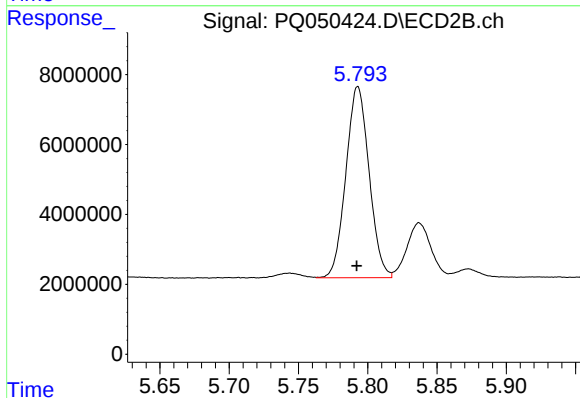
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 2718842
Conc: 21.12 ng/ml



#22 AR-1248-2

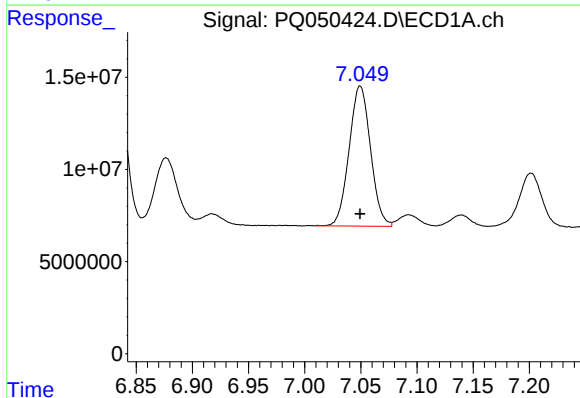
R.T.: 6.830 min
Delta R.T.: 0.001 min
Response: 171349777
Conc: 336.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



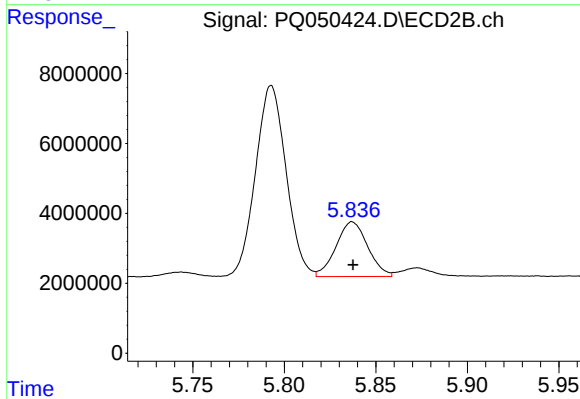
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 63713698
Conc: 357.41 ng/ml



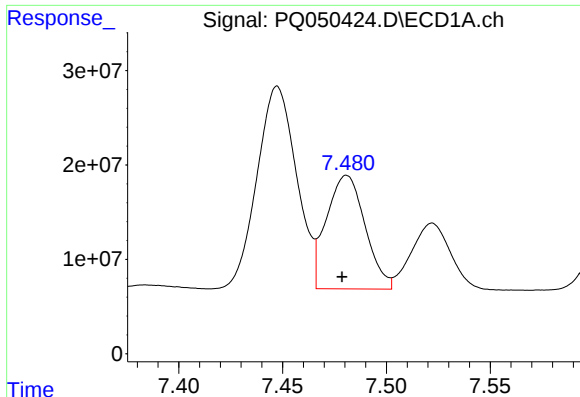
#23 AR-1248-3

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 100932067
Conc: 182.28 ng/ml



#23 AR-1248-3

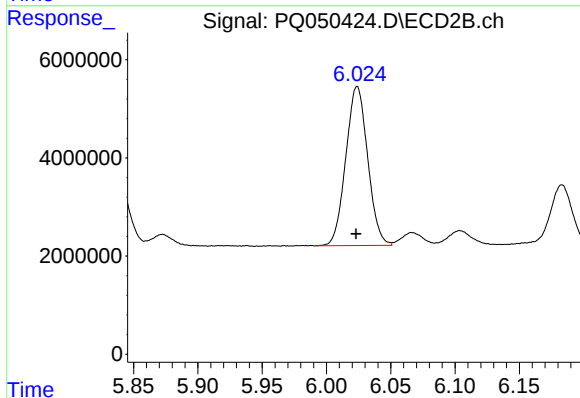
R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 18857336
Conc: 102.37 ng/ml



#24 AR-1248-4

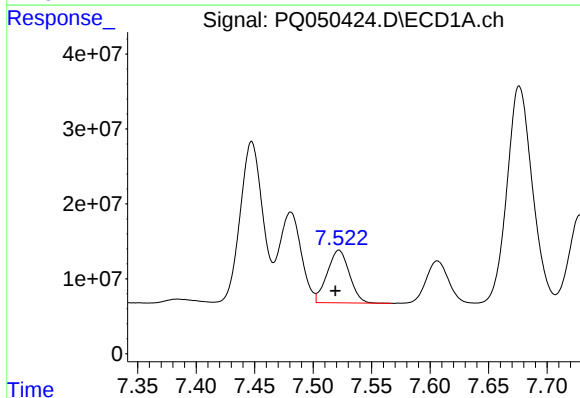
R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 155914307
Conc: 244.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



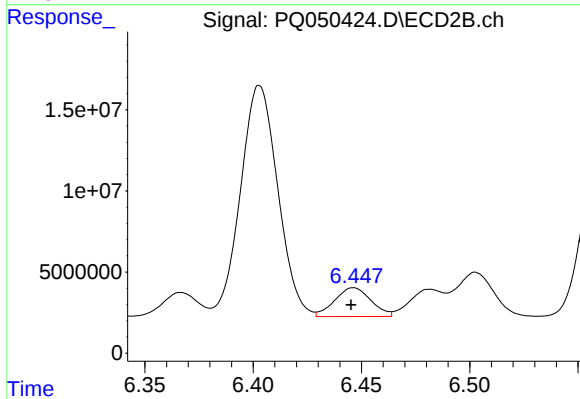
#24 AR-1248-4

R.T.: 6.024 min
Delta R.T.: 0.001 min
Response: 38441602
Conc: 170.69 ng/ml



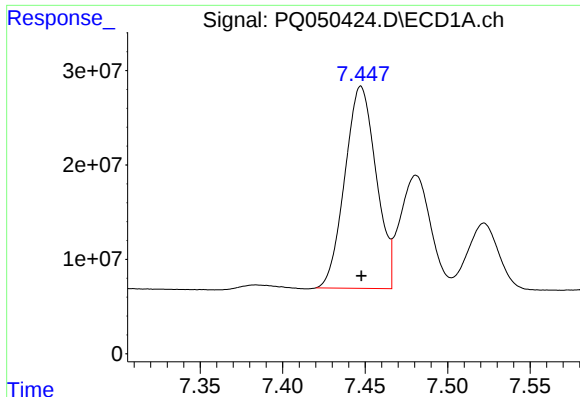
#25 AR-1248-5

R.T.: 7.522 min
Delta R.T.: 0.003 min
Response: 92443059
Conc: 150.48 ng/ml



#25 AR-1248-5

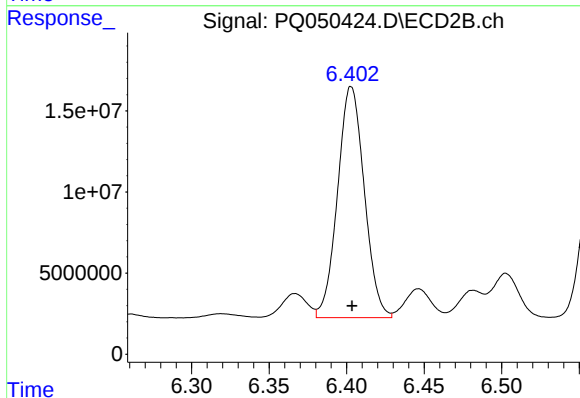
R.T.: 6.446 min
Delta R.T.: 0.001 min
Response: 20669066
Conc: 86.03 ng/ml



#26 AR-1254-1

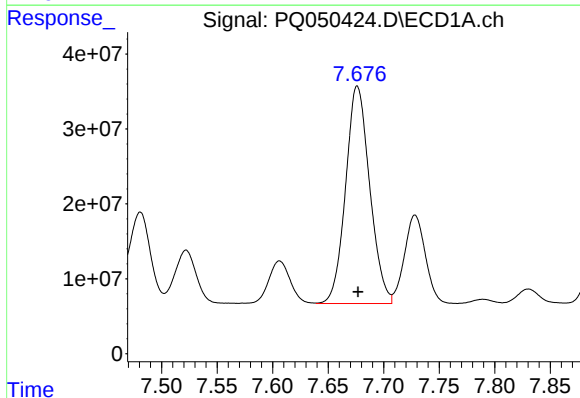
R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 282434963
Conc: 581.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



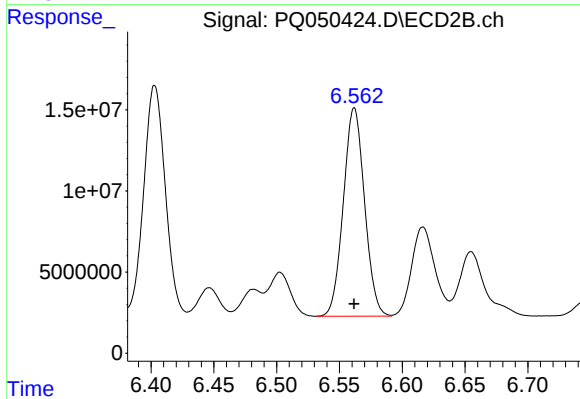
#26 AR-1254-1

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 171062073
Conc: 591.62 ng/ml



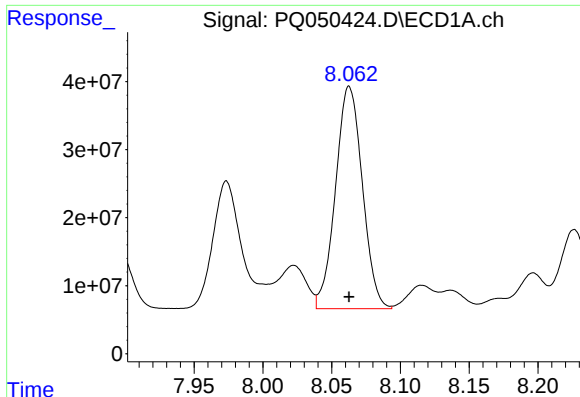
#27 AR-1254-2

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 438366660
Conc: 584.39 ng/ml



#27 AR-1254-2

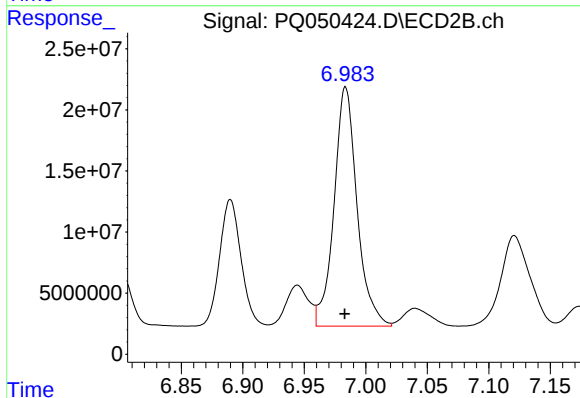
R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 151073941
Conc: 584.76 ng/ml



#28 AR-1254-3

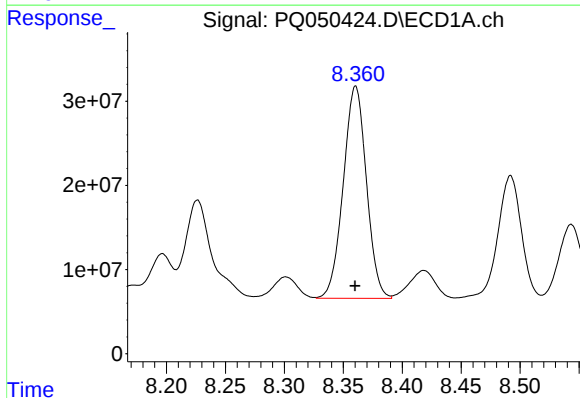
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 443921239
Conc: 585.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



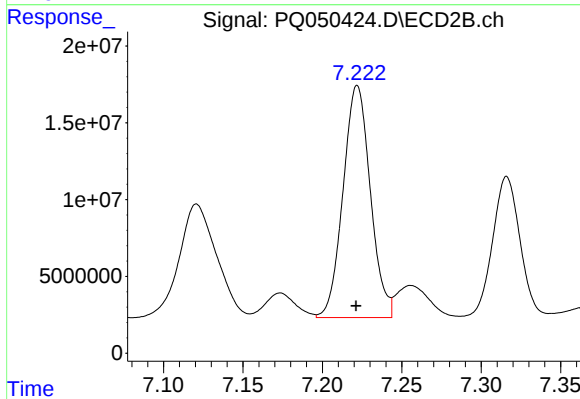
#28 AR-1254-3

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 255310514
Conc: 590.17 ng/ml



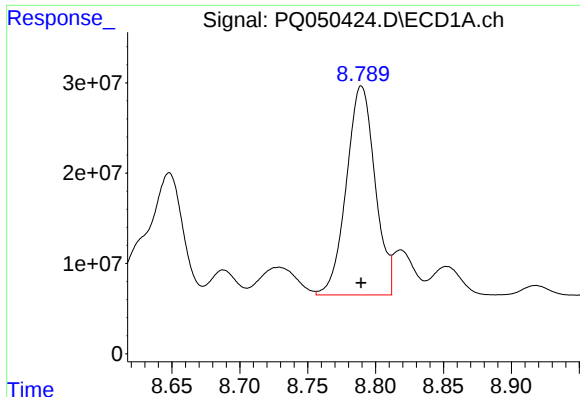
#29 AR-1254-4

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 345022621
Conc: 576.09 ng/ml



#29 AR-1254-4

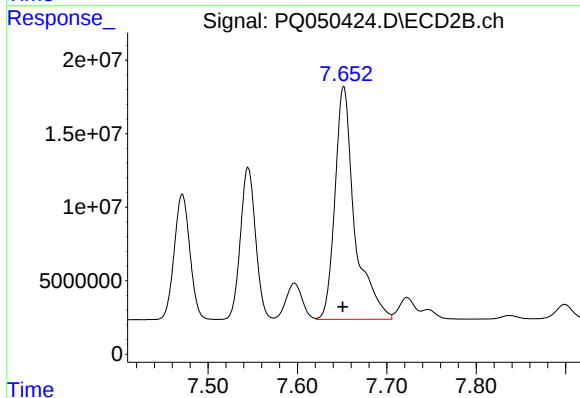
R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 180856719
Conc: 578.61 ng/ml



#30 AR-1254-5

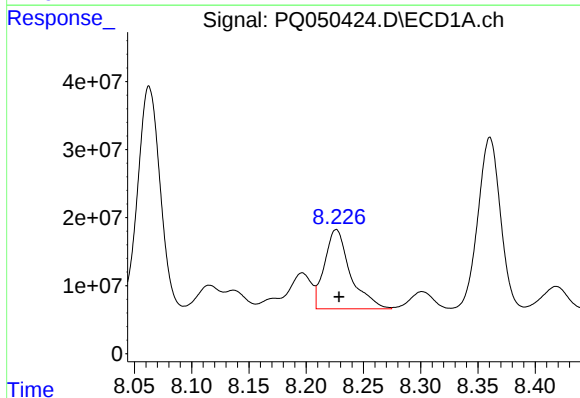
R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 34000543
Conc: 588.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



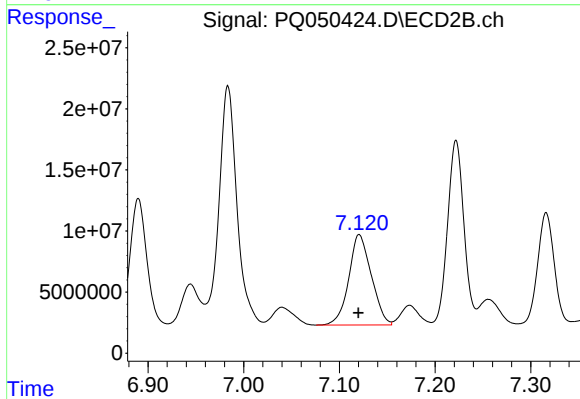
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: 0.001 min
Response: 242912448
Conc: 582.01 ng/ml



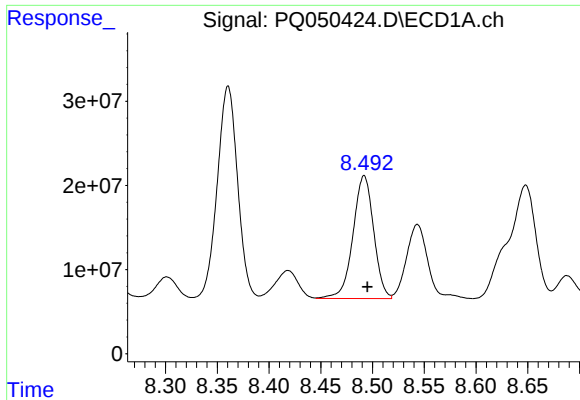
#31 AR-1260-1

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 183498853
Conc: 302.17 ng/ml



#31 AR-1260-1

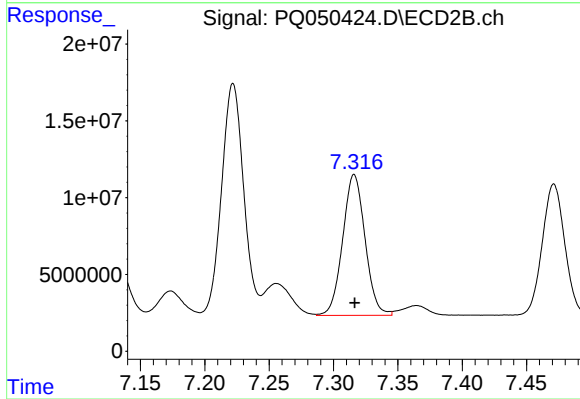
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 121440413
Conc: 385.72 ng/ml



#32 AR-1260-2

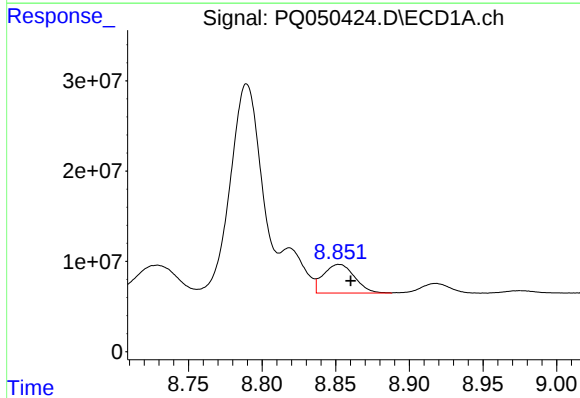
R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 203103841
Conc: 284.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



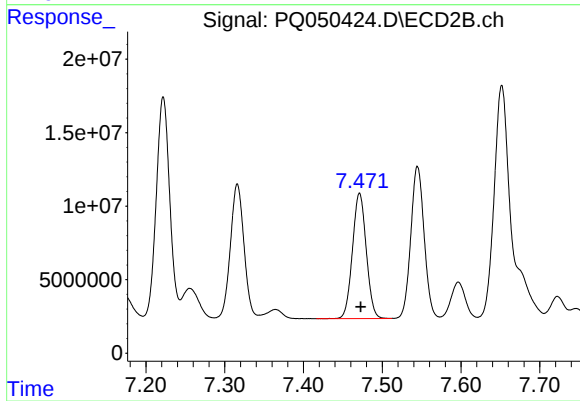
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 110925563
Conc: 257.21 ng/ml



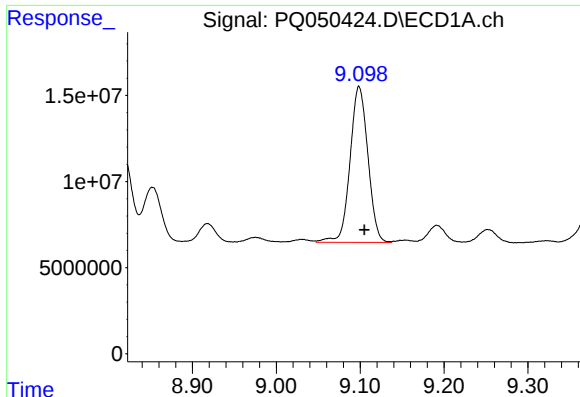
#33 AR-1260-3

R.T.: 8.852 min
Delta R.T.: -0.008 min
Response: 46718262
Conc: 84.93 ng/ml



#33 AR-1260-3

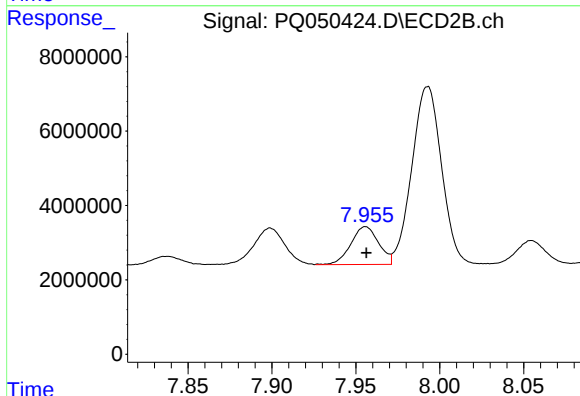
R.T.: 7.471 min
Delta R.T.: -0.001 min
Response: 103697460
Conc: 275.97 ng/ml



#34 AR-1260-4

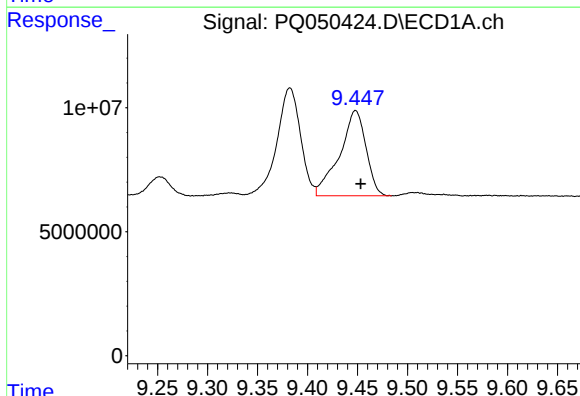
R.T.: 9.099 min
Delta R.T.: -0.006 min
Response: 133971794
Conc: 231.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



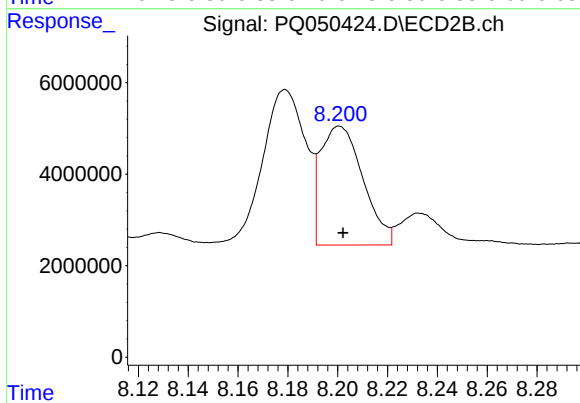
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 11717036
Conc: 34.68 ng/ml



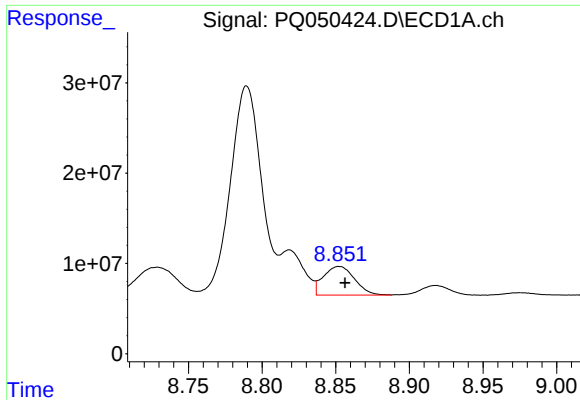
#35 AR-1260-5

R.T.: 9.448 min
Delta R.T.: -0.005 min
Response: 63350081
Conc: 54.75 ng/ml



#35 AR-1260-5

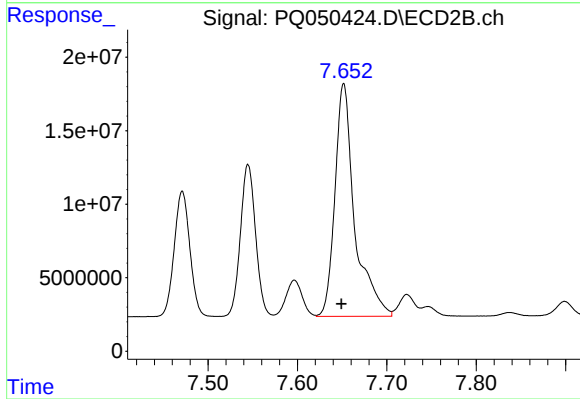
R.T.: 8.201 min
Delta R.T.: -0.001 min
Response: 30737735
Conc: 32.25 ng/ml



#36 AR-1262-1

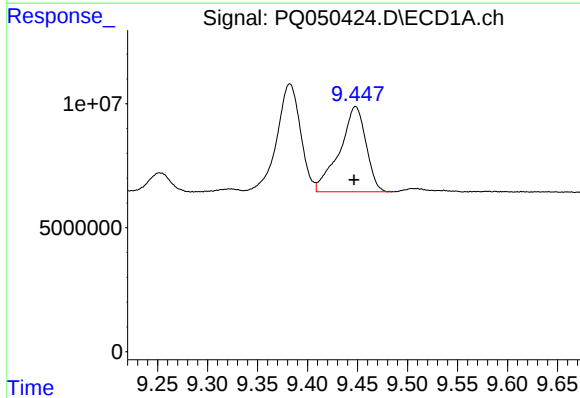
R.T.: 8.852 min
Delta R.T.: -0.004 min
Response: 46718262
Conc: 66.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



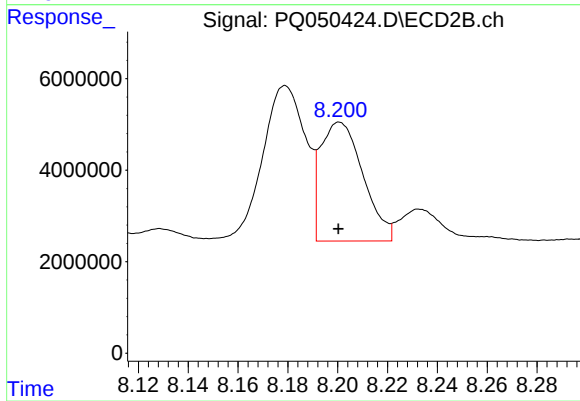
#36 AR-1262-1

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 242912448
Conc: 1062.84 ng/ml



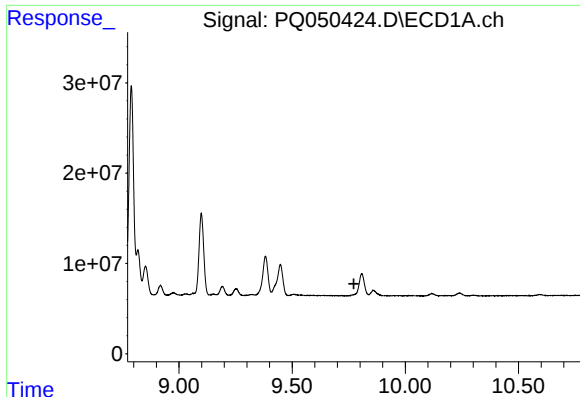
#37 AR-1262-2

R.T.: 9.448 min
Delta R.T.: 0.001 min
Response: 63350081
Conc: 54.49 ng/ml



#37 AR-1262-2

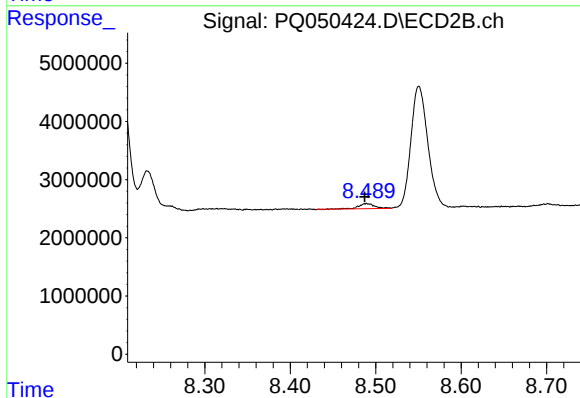
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 30737735
Conc: 32.39 ng/ml



#38 AR-1262-3

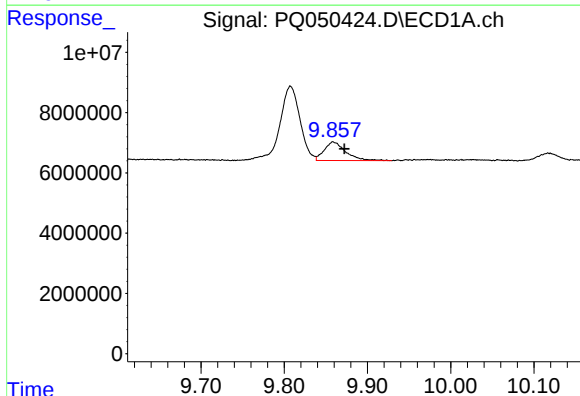
R.T.: 0.000 min
Exp R.T.: 9.773 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



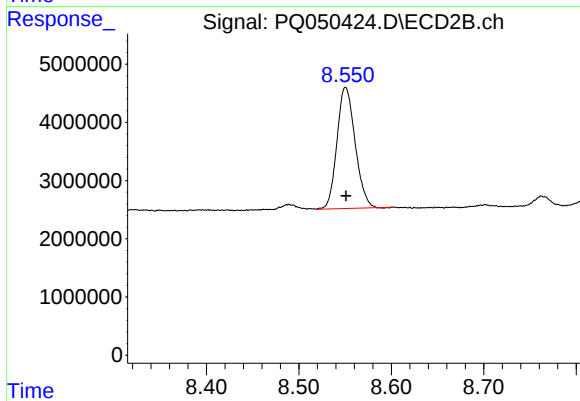
#38 AR-1262-3

R.T.: 8.489 min
Delta R.T.: 0.002 min
Response: 1113233
Conc: 2.83 ng/ml



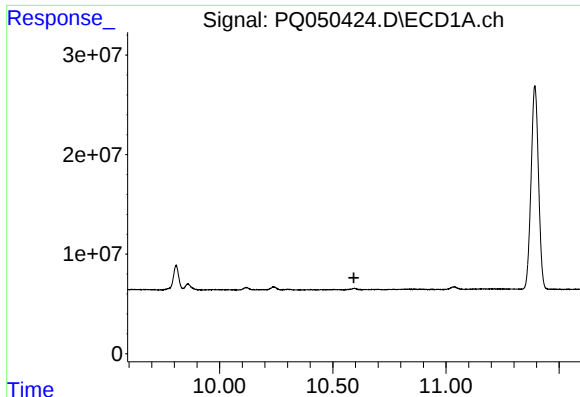
#39 AR-1262-4

R.T.: 9.859 min
Delta R.T.: -0.013 min
Response: 11086090
Conc: 17.35 ng/ml



#39 AR-1262-4

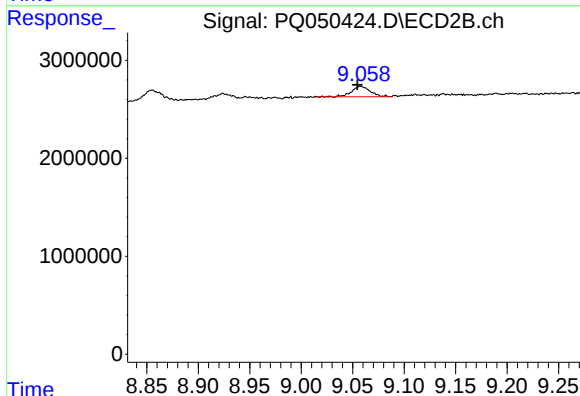
R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 28393406
Conc: 41.43 ng/ml



#40 AR-1262-5

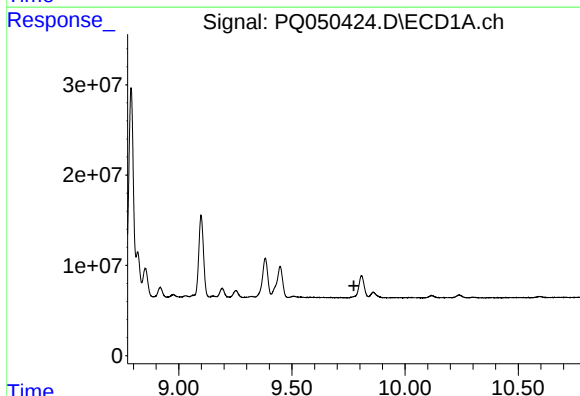
R.T.: 0.000 min
Exp R.T. : 10.593 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



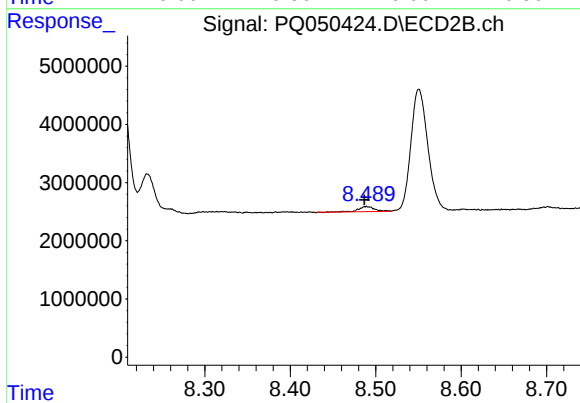
#40 AR-1262-5

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 1335815
Conc: 3.87 ng/ml



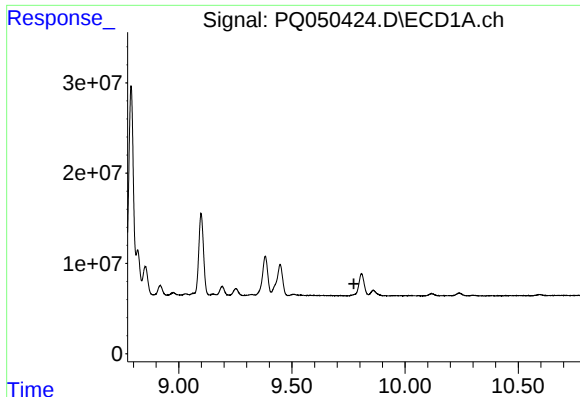
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.774 min
Response: 0
Conc: N.D.



#41 AR-1268-1

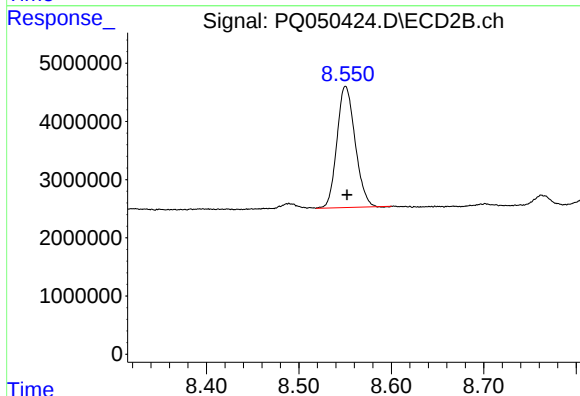
R.T.: 8.489 min
Delta R.T.: 0.003 min
Response: 1113233
Conc: 0.99 ng/ml



#42 AR-1268-2

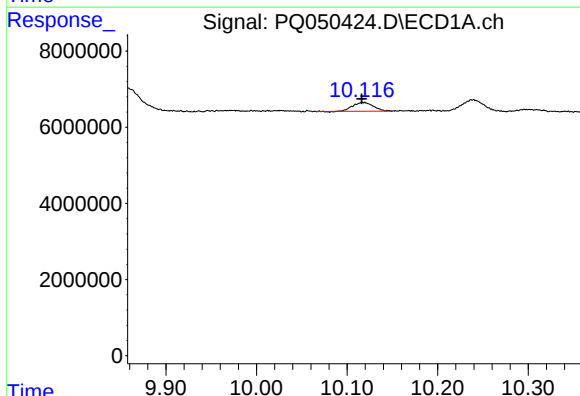
R.T.: 0.000 min
Exp R.T.: 9.774 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



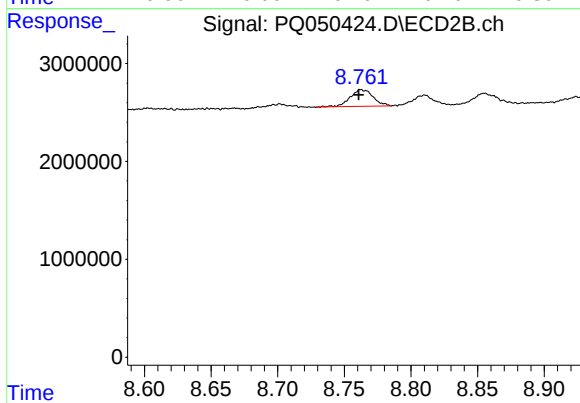
#42 AR-1268-2

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 28393406
Conc: 28.63 ng/ml



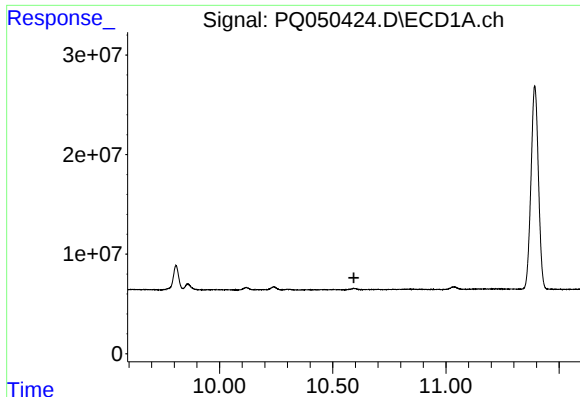
#43 AR-1268-3

R.T.: 10.118 min
Delta R.T.: 0.001 min
Response: 3599944
Conc: 3.50 ng/ml



#43 AR-1268-3

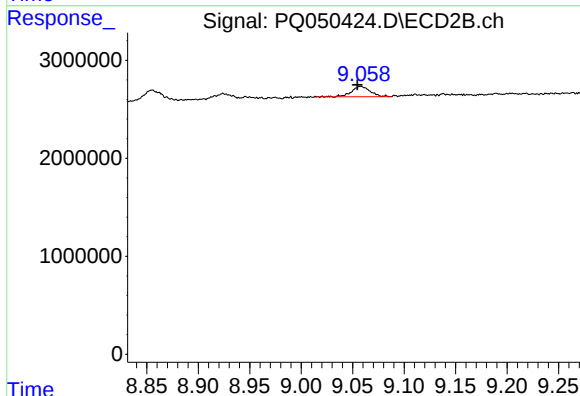
R.T.: 8.763 min
Delta R.T.: 0.002 min
Response: 2030703
Conc: 2.41 ng/ml



#44 AR-1268-4

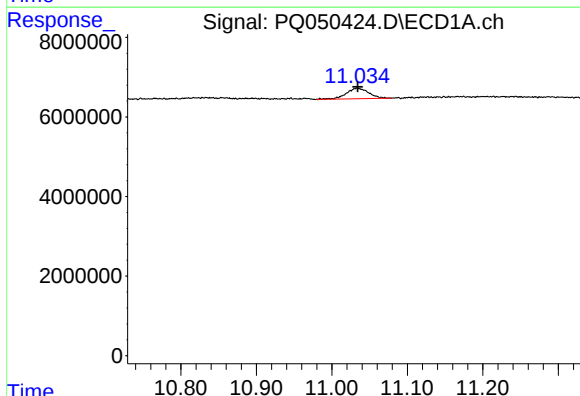
R.T.: 0.000 min
Exp R.T.: 10.594 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



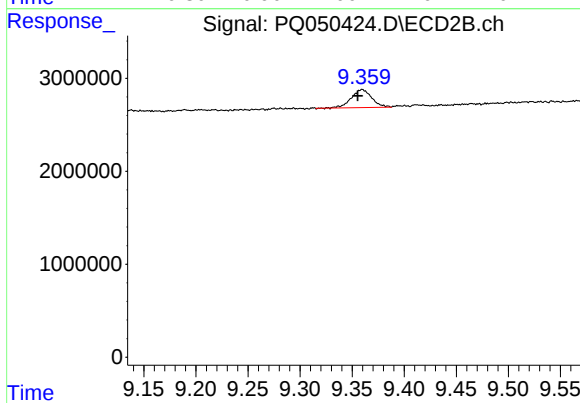
#44 AR-1268-4

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 1335815
Conc: 3.53 ng/ml



#45 AR-1268-5

R.T.: 11.034 min
Delta R.T.: 0.000 min
Response: 5474130
Conc: 1.87 ng/ml



#45 AR-1268-5

R.T.: 9.360 min
Delta R.T.: 0.004 min
Response: 2643240
Conc: 1.01 ng/ml