

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021721\
 Data File : PQ052335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2021 21:32
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 22:17:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.229	4.246	561.4E6	200.2E6	22.858	23.868
2)	SA Decachlor...	11.420	9.590	915.1E6	354.4E6	44.650	45.951
Target Compounds							
3)	L1 AR-1016-1	6.552	5.505	9152836	3591885	11.391	11.661
4)	L1 AR-1016-2	6.579	5.526	10875361	2817415	9.212	6.571 #
5)	L1 AR-1016-3	6.644	5.719	5540275	1884184	7.763	8.601
6)	L1 AR-1016-4	6.750	5.769	4441859	80975050	7.378	483.541 #
7)	L1 AR-1016-5	7.066	6.000	119.9E6	40238498	213.186	188.422
9)	L2 AR-1221-2	5.585	4.600	8094288	2677179	46.018	42.309
10)	L2 AR-1221-3	5.665	4.696	2594276	999718	4.406	4.636
11)	L3 AR-1232-1	5.665	4.696	2594276	999718	5.279	5.528
12)	L3 AR-1232-2	6.259	5.526	6359189	2817415	24.708	14.270 #
13)	L3 AR-1232-3	6.579	5.719	10875361	1884184	20.673	19.154
14)	L3 AR-1232-4	6.750	5.813	4441859	22382676	16.944	270.416 #
15)	L3 AR-1232-5	6.846	6.000	204.1E6	40238498	1104.703	452.279 #
16)	L4 AR-1242-1	6.552	5.505	9152836	3591885	13.318	13.635
17)	L4 AR-1242-2	6.579	5.526	10875361	2817415	10.772	7.668 #
18)	L4 AR-1242-3	6.644	5.719	5540275	1884184	9.123	9.883
19)	L4 AR-1242-4	6.750	5.813	4441859	22382676	8.735	126.735 #
20)	L4 AR-1242-5	7.535	6.379	120.2E6	219.6E6	213.093	876.026 #
21)	L5 AR-1248-1	6.552	5.505	9152836	3591885	16.712	17.467
22)	L5 AR-1248-2	6.846	5.769	204.1E6	80975050	265.516	299.593
23)	L5 AR-1248-3	7.066	5.813	119.9E6	22382676	135.855	80.268 #
24)	L5 AR-1248-4	7.493	6.000	190.7E6	40238498	183.436	120.928 #
25)	L5 AR-1248-5	7.535	6.422	120.2E6	25382176	117.358	70.989 #
26)	L6 AR-1254-1	7.464	6.379	387.5E6	219.6E6	390.087	411.843
27)	L6 AR-1254-2	7.692	6.537	583.5E6	186.2E6	377.485	407.852
28)	L6 AR-1254-3	8.075	6.959	636.7E6	308.4E6	376.720	410.067
29)	L6 AR-1254-4	8.369	7.197	465.7E6	210.4E6	371.308	417.033
30)	L6 AR-1254-5	8.798	7.626	491.6E6	270.8E6	365.811	398.144
31)	L7 AR-1260-1	8.241	7.097	231.8E6	141.1E6	231.906	344.449 #
32)	L7 AR-1260-2	8.503	7.291	270.3E6	128.5E6	220.026	241.950
33)	L7 AR-1260-3	8.861	7.446	58974522	117.6E6	64.488	246.052 #
34)	L7 AR-1260-4	9.107	7.931	186.8E6	12119097	173.390	29.920 #
35)	L7 AR-1260-5	9.458	8.175	78668489	30606276	34.672	28.426
36)	L8 AR-1262-1	8.861	7.626	58974522	270.8E6	37.457	784.210 #
37)	L8 AR-1262-2	9.458	8.175	78668489	30606276	26.259	22.822
38)	L8 AR-1262-3	9.818	8.461	52899671	497229	26.574	0.951 #
39)	L8 AR-1262-4	9.870	8.525	12533104	27666059	8.236	28.313 #
40)	L8 AR-1262-5	10.612	9.029	2301271	1432168	2.115	3.160 #
41)	L9 AR-1268-1	9.818	8.461	52899671	497229	15.049	0.309 #
42)	L9 AR-1268-2	9.870	8.525	12533104	27666059	3.816	18.559 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021721\
 Data File : PQ052335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2021 21:32
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

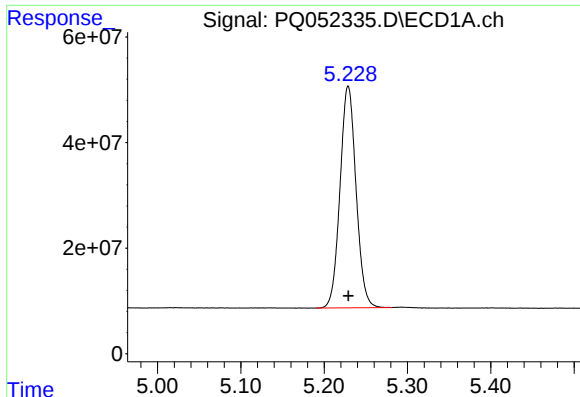
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 22:17:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.137	8.784f	3021357	2059749	1.086	1.643 #
44) L9	AR-1268-4	10.612	9.029	2301271	1432168	1.887	2.740 #
45) L9	AR-1268-5	11.055	9.329	7026960	2306384	0.719	0.574

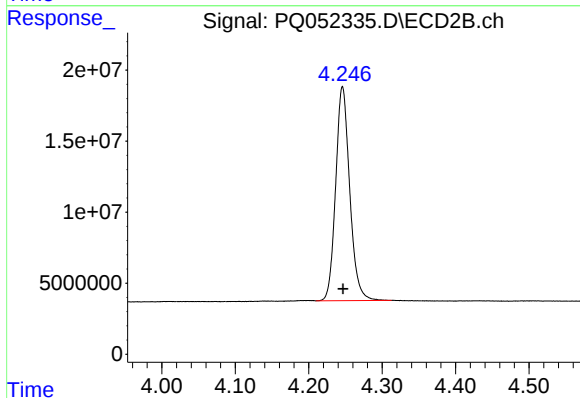
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

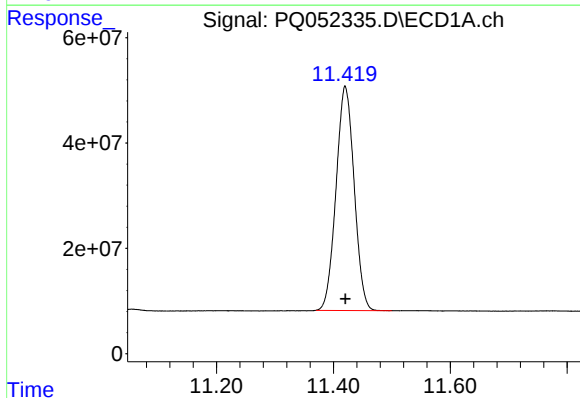
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 561356476
Conc: 22.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



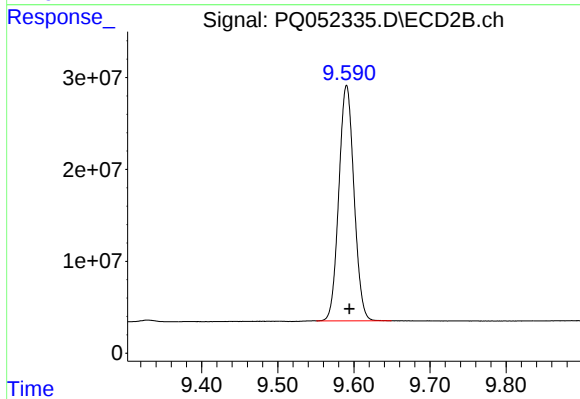
#1 Tetrachloro-m-xylene

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 200217442
Conc: 23.87 ng/ml



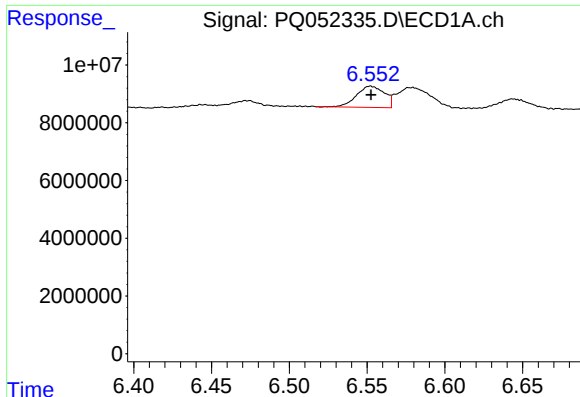
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: 0.000 min
Response: 915102761
Conc: 44.65 ng/ml



#2 Decachlorobiphenyl

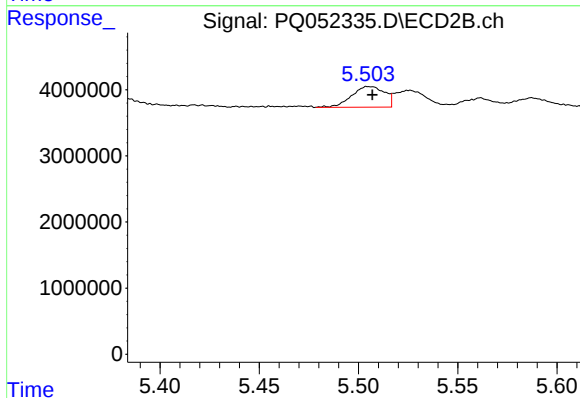
R.T.: 9.590 min
Delta R.T.: -0.004 min
Response: 354415815
Conc: 45.95 ng/ml



#3 AR-1016-1

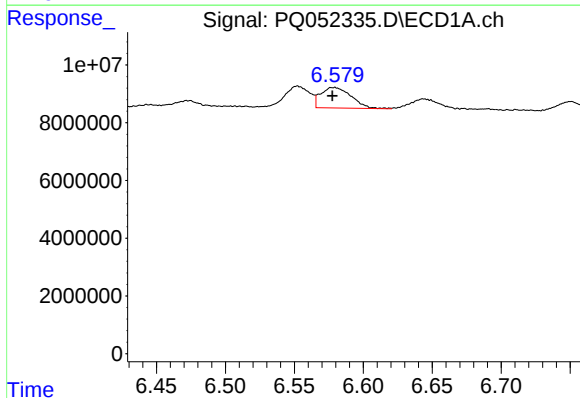
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 9152836
Conc: 11.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



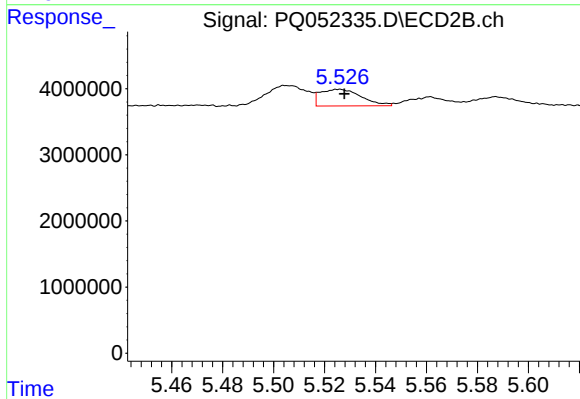
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 3591885
Conc: 11.66 ng/ml



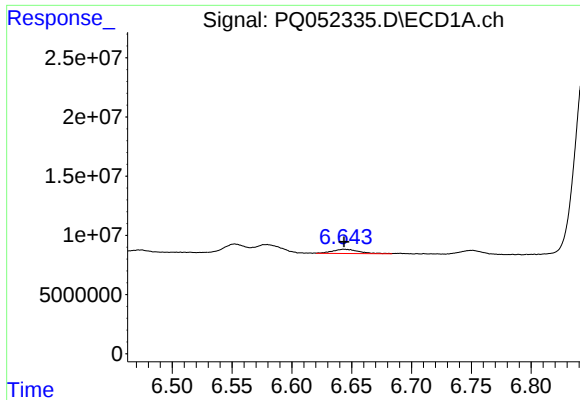
#4 AR-1016-2

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 10875361
Conc: 9.21 ng/ml



#4 AR-1016-2

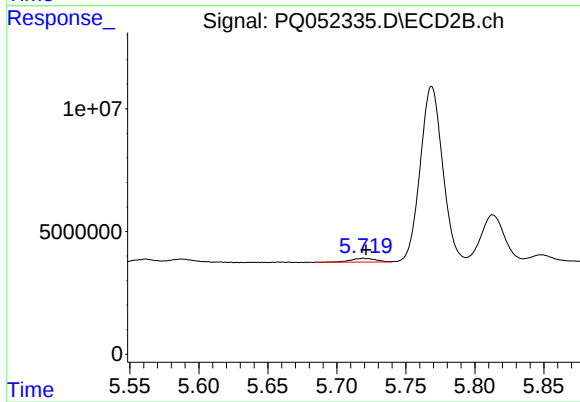
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 2817415
Conc: 6.57 ng/ml



#5 AR-1016-3

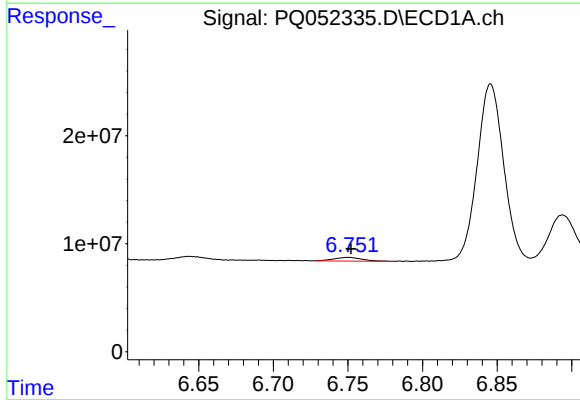
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 5540275
Conc: 7.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



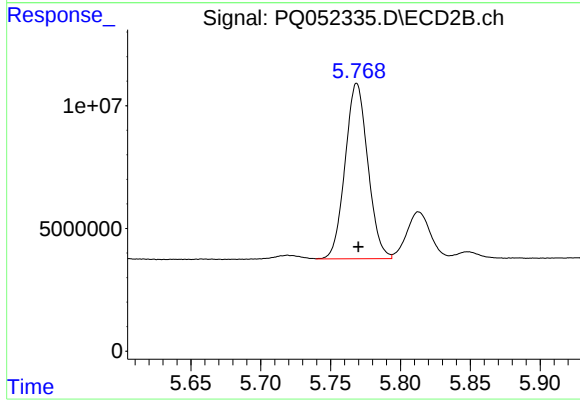
#5 AR-1016-3

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 1884184
Conc: 8.60 ng/ml



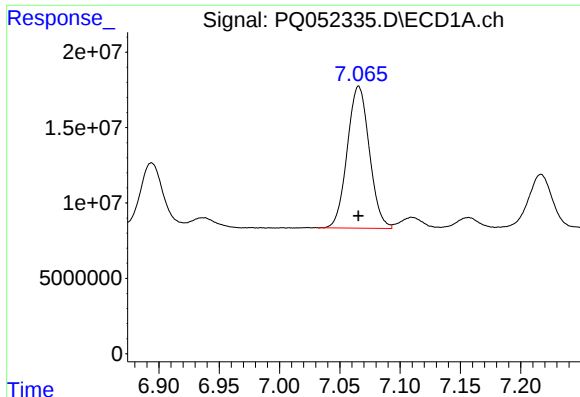
#6 AR-1016-4

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 4441859
Conc: 7.38 ng/ml



#6 AR-1016-4

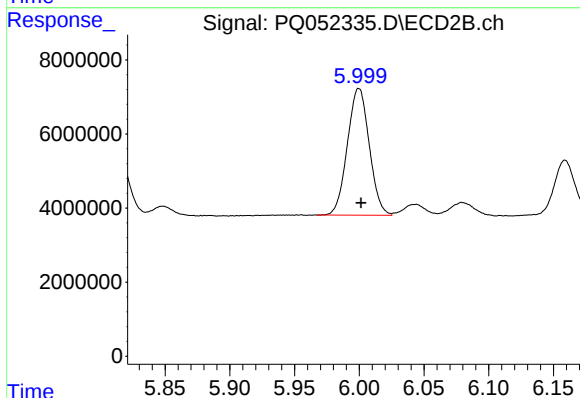
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 80975050
Conc: 483.54 ng/ml



#7 AR-1016-5

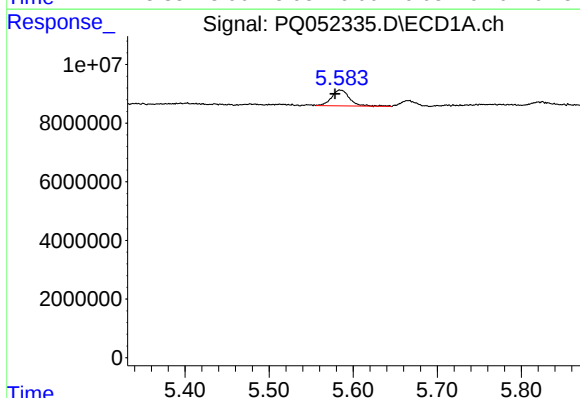
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 119948578
Conc: 213.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



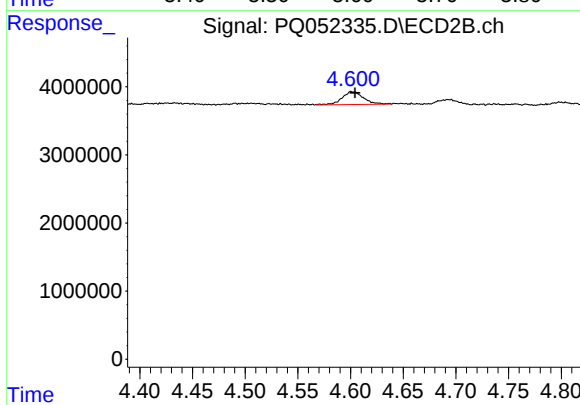
#7 AR-1016-5

R.T.: 6.000 min
Delta R.T.: -0.002 min
Response: 40238498
Conc: 188.42 ng/ml



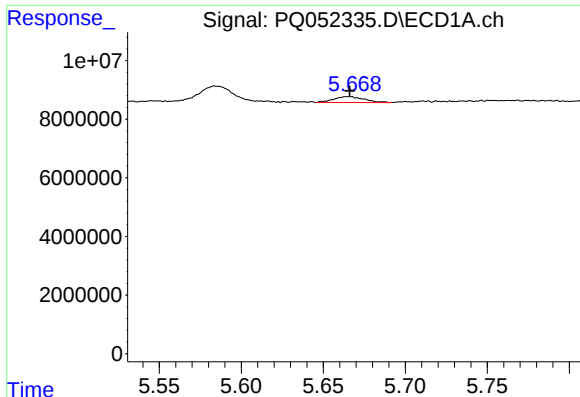
#9 AR-1221-2

R.T.: 5.585 min
Delta R.T.: 0.006 min
Response: 8094288
Conc: 46.02 ng/ml



#9 AR-1221-2

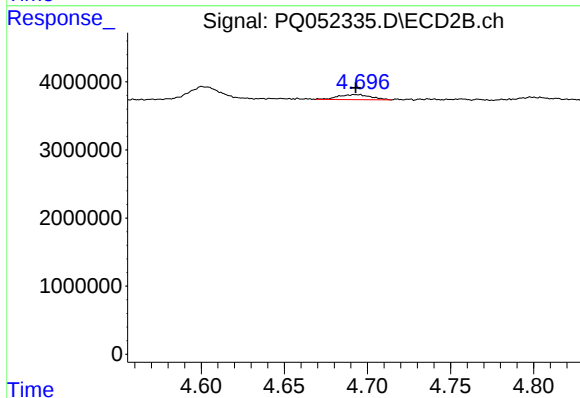
R.T.: 4.600 min
Delta R.T.: -0.004 min
Response: 2677179
Conc: 42.31 ng/ml



#10 AR-1221-3

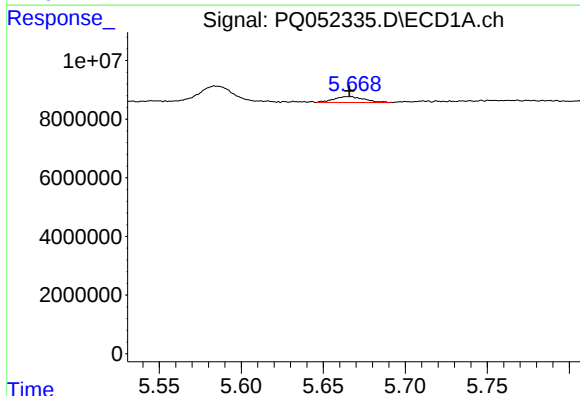
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 2594276
Conc: 4.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



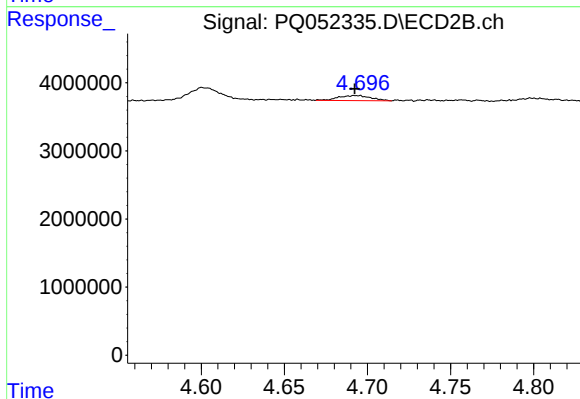
#10 AR-1221-3

R.T.: 4.696 min
Delta R.T.: 0.003 min
Response: 999718
Conc: 4.64 ng/ml



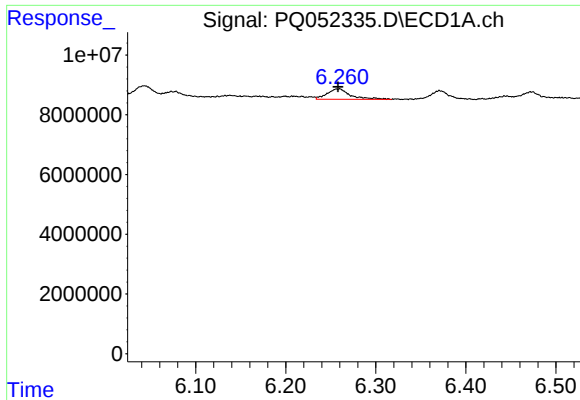
#11 AR-1232-1

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 2594276
Conc: 5.28 ng/ml



#11 AR-1232-1

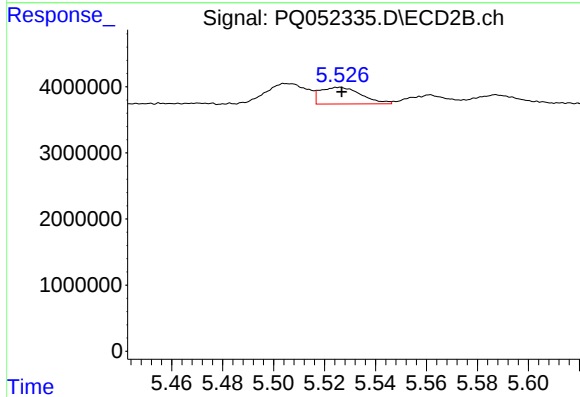
R.T.: 4.696 min
Delta R.T.: 0.003 min
Response: 999718
Conc: 5.53 ng/ml



#12 AR-1232-2

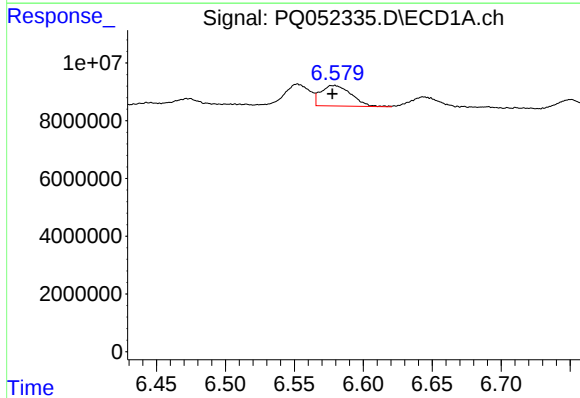
R.T.: 6.259 min
Delta R.T.: 0.001 min
Response: 6359189
Conc: 24.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



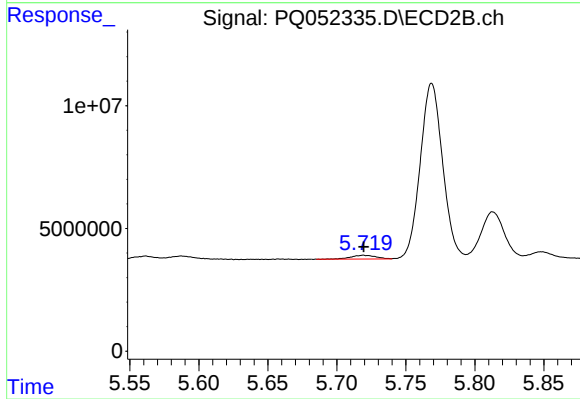
#12 AR-1232-2

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 2817415
Conc: 14.27 ng/ml



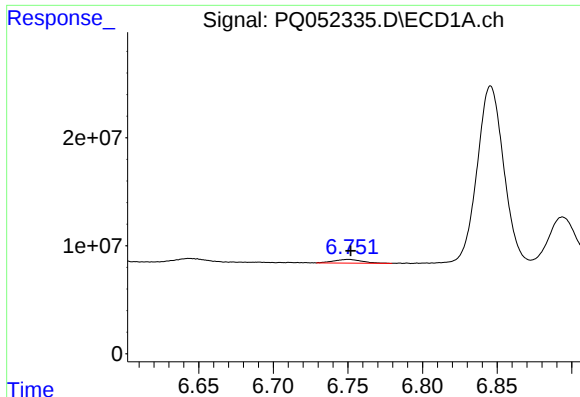
#13 AR-1232-3

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 10875361
Conc: 20.67 ng/ml



#13 AR-1232-3

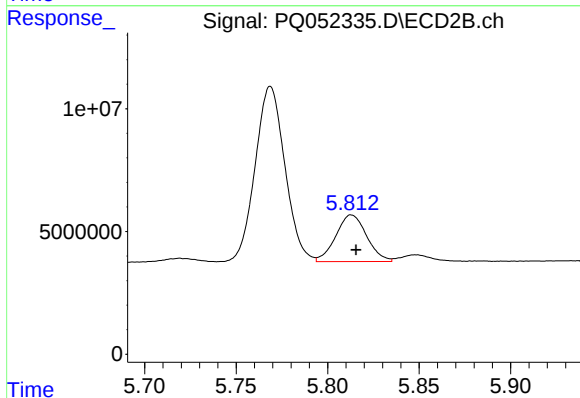
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1884184
Conc: 19.15 ng/ml



#14 AR-1232-4

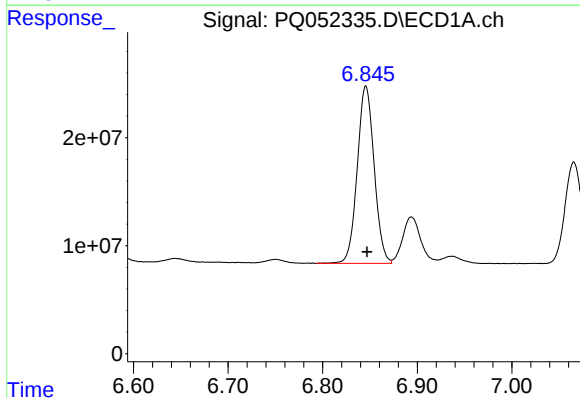
R.T.: 6.750 min
Delta R.T.: -0.001 min
Response: 4441859
Conc: 16.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



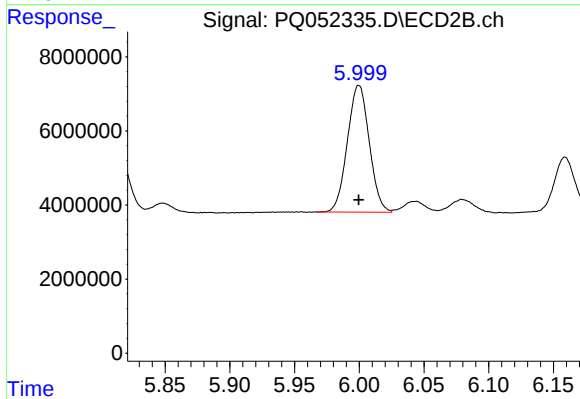
#14 AR-1232-4

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 22382676
Conc: 270.42 ng/ml



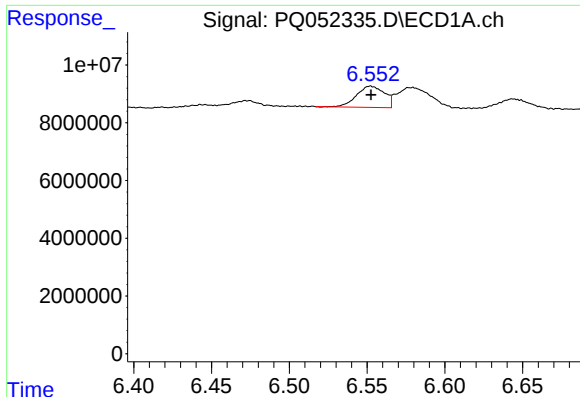
#15 AR-1232-5

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 204084086
Conc: 1104.70 ng/ml



#15 AR-1232-5

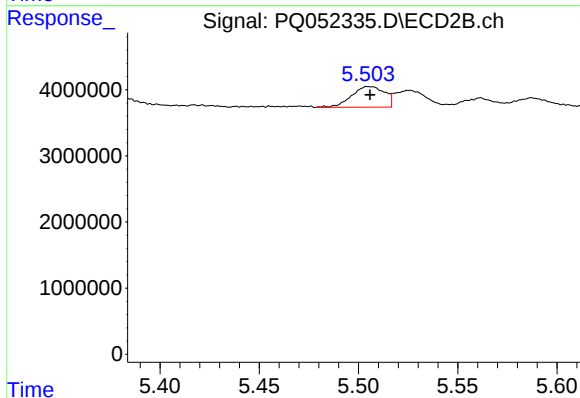
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 40238498
Conc: 452.28 ng/ml



#16 AR-1242-1

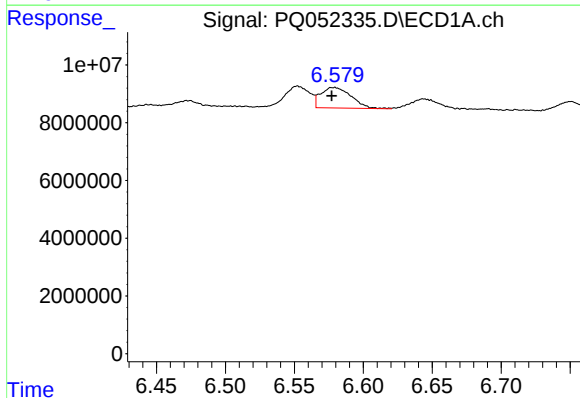
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 9152836
Conc: 13.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



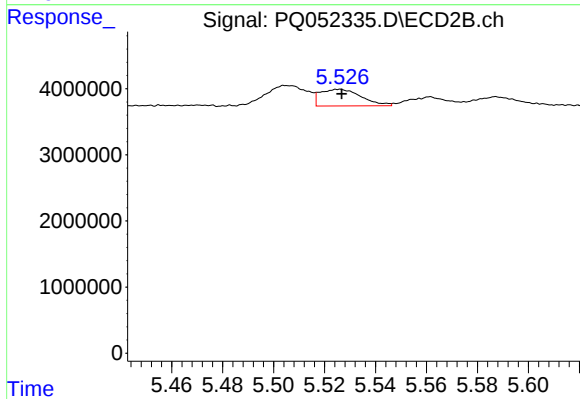
#16 AR-1242-1

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 3591885
Conc: 13.64 ng/ml



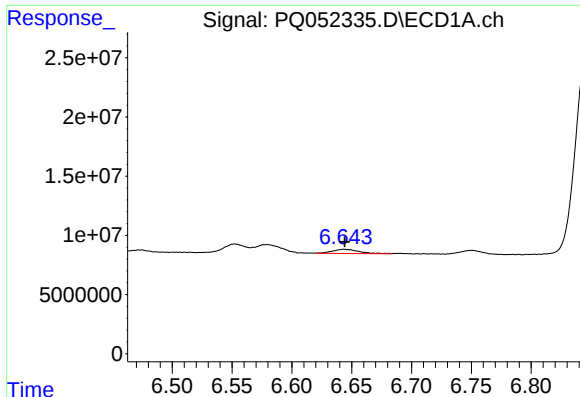
#17 AR-1242-2

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 10875361
Conc: 10.77 ng/ml



#17 AR-1242-2

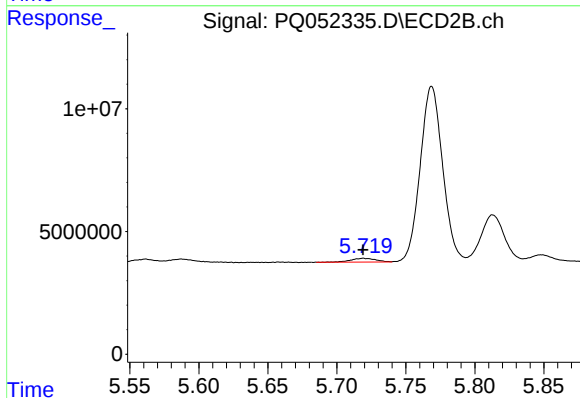
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 2817415
Conc: 7.67 ng/ml



#18 AR-1242-3

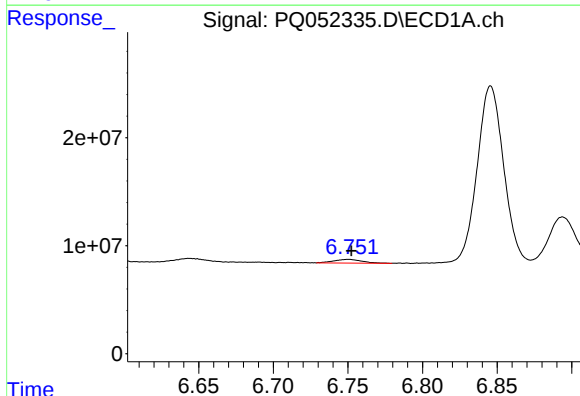
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 5540275
Conc: 9.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



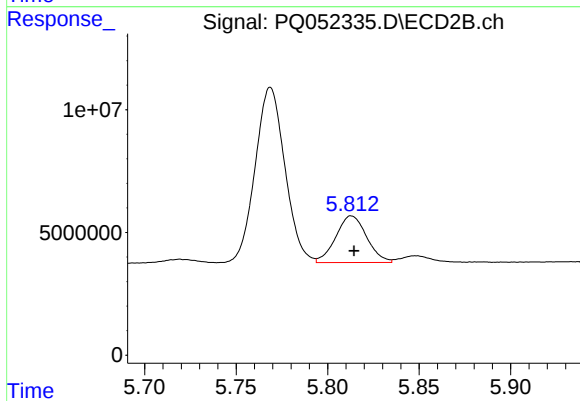
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1884184
Conc: 9.88 ng/ml



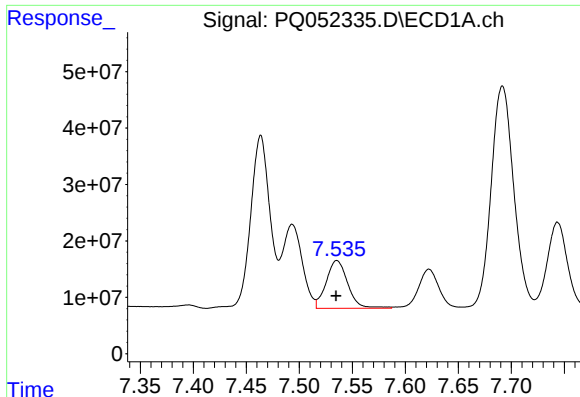
#19 AR-1242-4

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 4441859
Conc: 8.74 ng/ml



#19 AR-1242-4

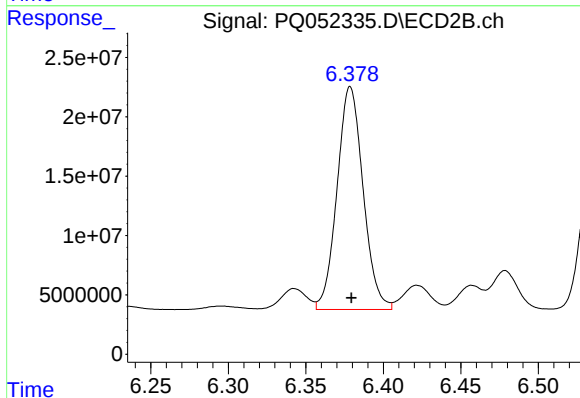
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 22382676
Conc: 126.74 ng/ml



#20 AR-1242-5

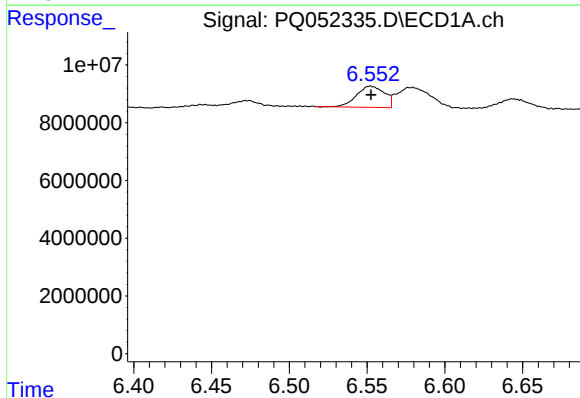
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 120219066
Conc: 213.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



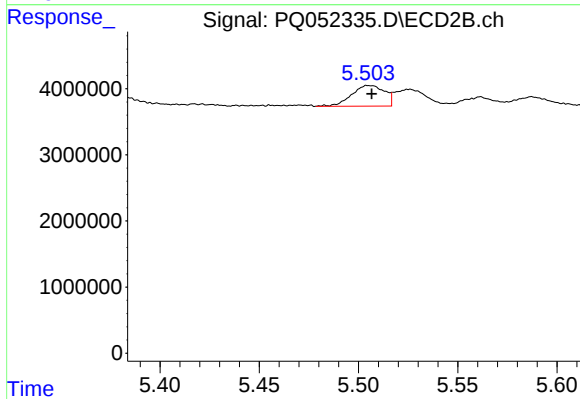
#20 AR-1242-5

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 219631840
Conc: 876.03 ng/ml



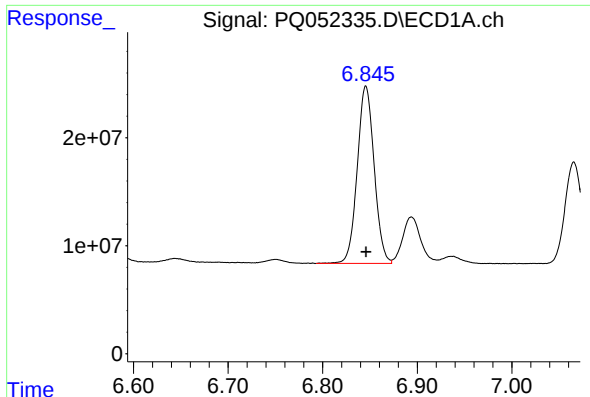
#21 AR-1248-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 9152836
Conc: 16.71 ng/ml



#21 AR-1248-1

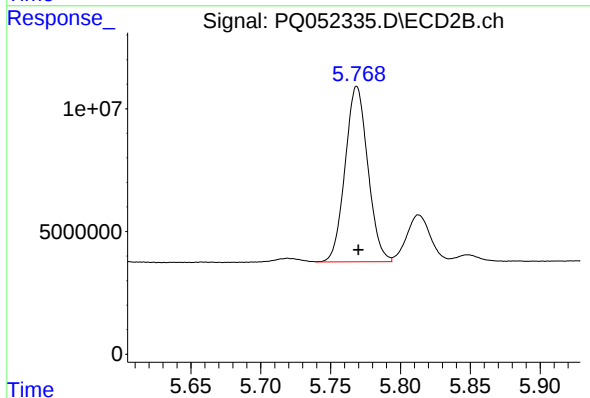
R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 3591885
Conc: 17.47 ng/ml



#22 AR-1248-2

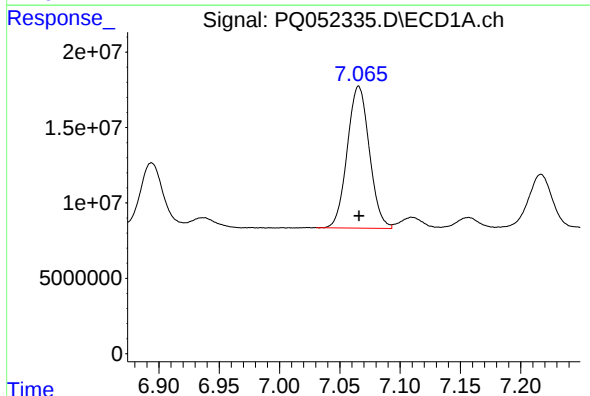
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 204084086
Conc: 265.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



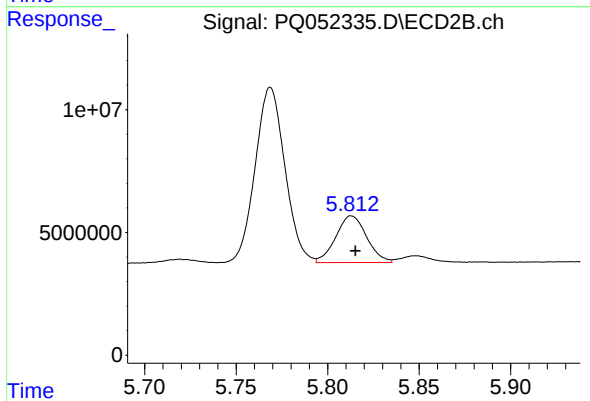
#22 AR-1248-2

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 80975050
Conc: 299.59 ng/ml



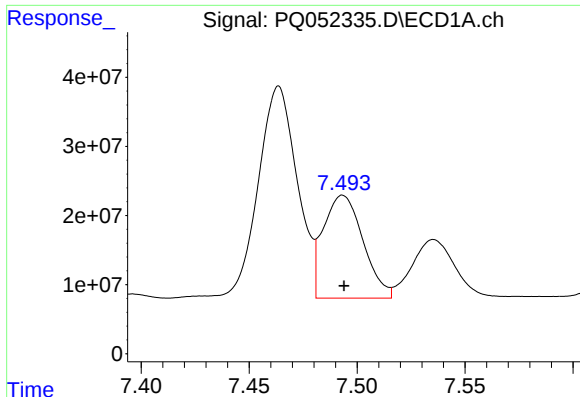
#23 AR-1248-3

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 119948578
Conc: 135.85 ng/ml



#23 AR-1248-3

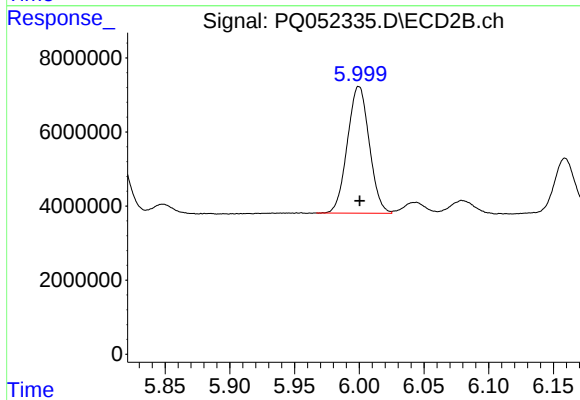
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 22382676
Conc: 80.27 ng/ml



#24 AR-1248-4

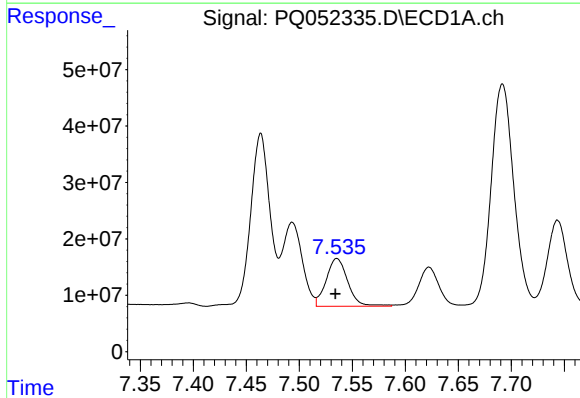
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 190715322
Conc: 183.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



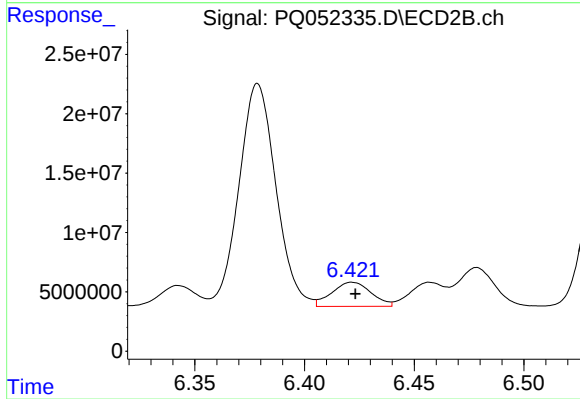
#24 AR-1248-4

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 40238498
Conc: 120.93 ng/ml



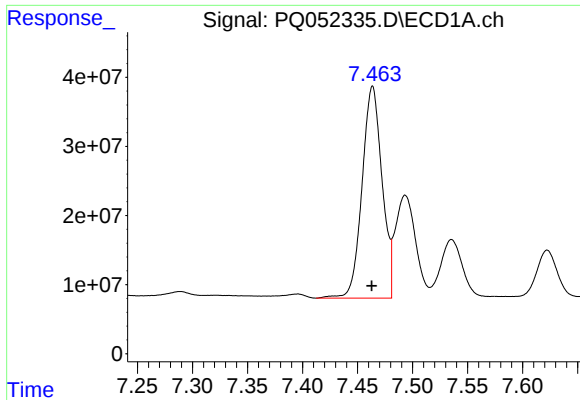
#25 AR-1248-5

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 120219066
Conc: 117.36 ng/ml



#25 AR-1248-5

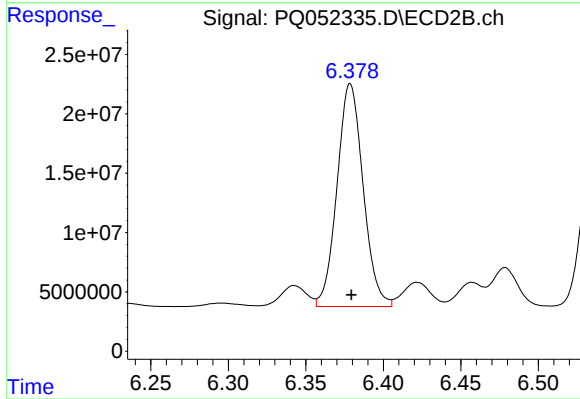
R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 25382176
Conc: 70.99 ng/ml



#26 AR-1254-1

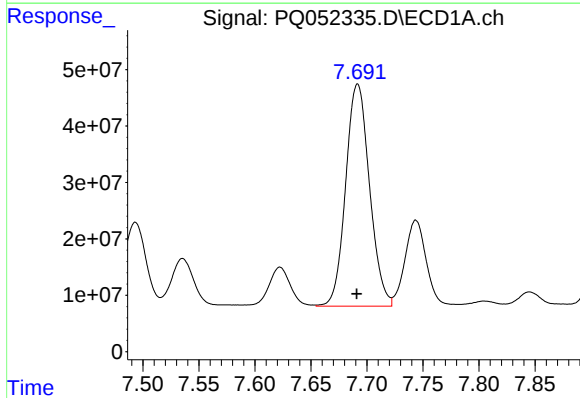
R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 387516323
Conc: 390.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



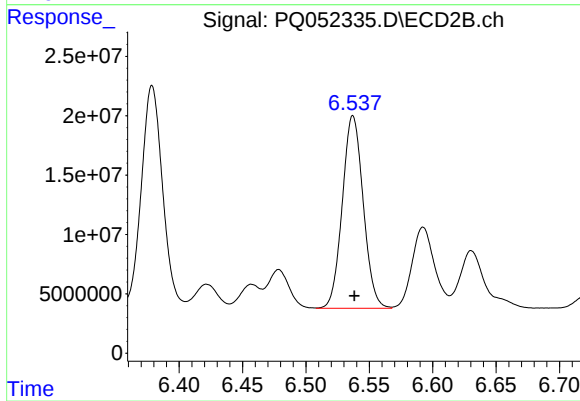
#26 AR-1254-1

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 219631840
Conc: 411.84 ng/ml



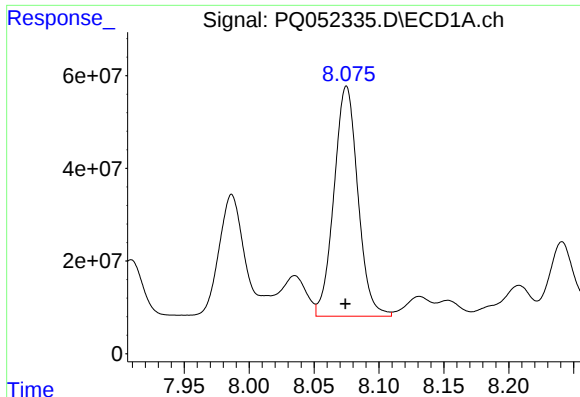
#27 AR-1254-2

R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 583450414
Conc: 377.48 ng/ml



#27 AR-1254-2

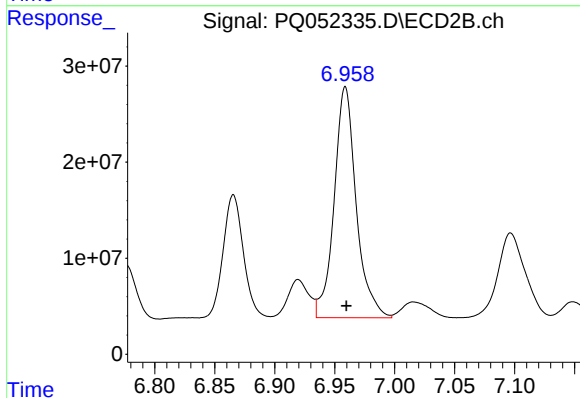
R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 186235520
Conc: 407.85 ng/ml



#28 AR-1254-3

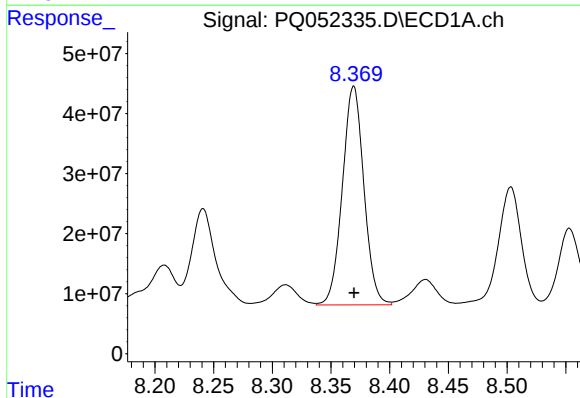
R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 636714762
Conc: 376.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



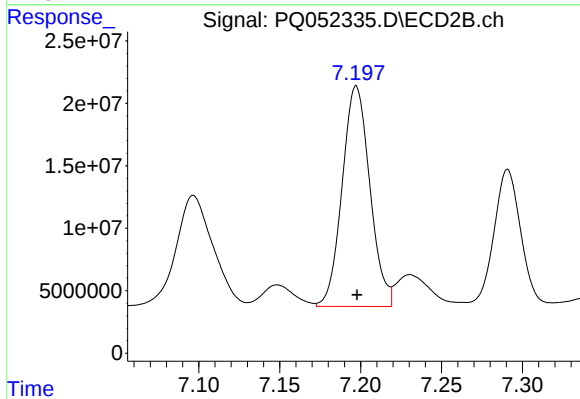
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 308374115
Conc: 410.07 ng/ml



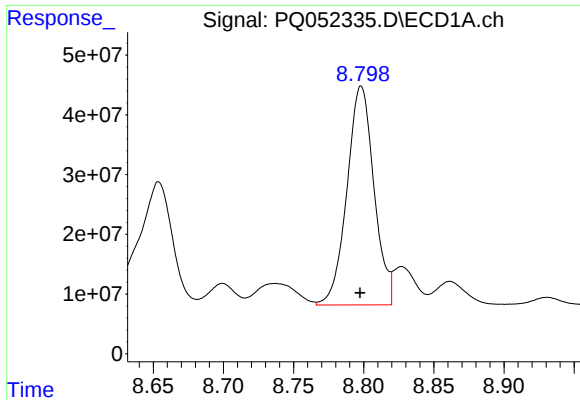
#29 AR-1254-4

R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 465733684
Conc: 371.31 ng/ml



#29 AR-1254-4

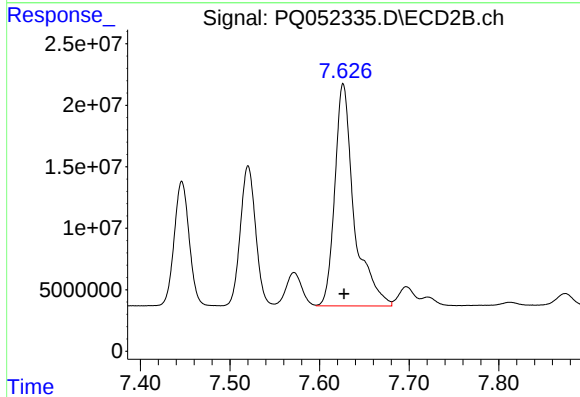
R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 210409563
Conc: 417.03 ng/ml



#30 AR-1254-5

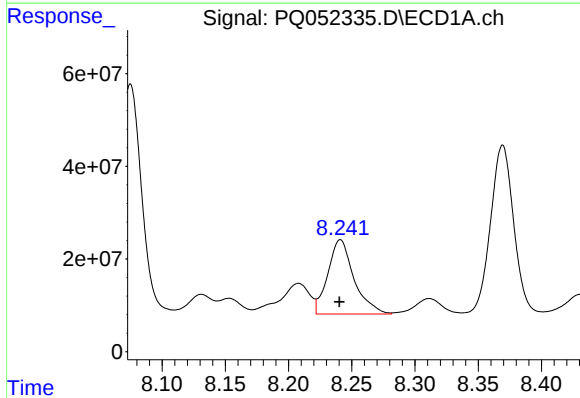
R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 491580346
Conc: 365.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



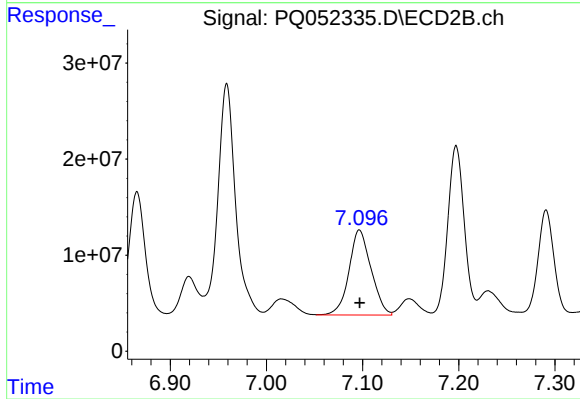
#30 AR-1254-5

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 270798507
Conc: 398.14 ng/ml



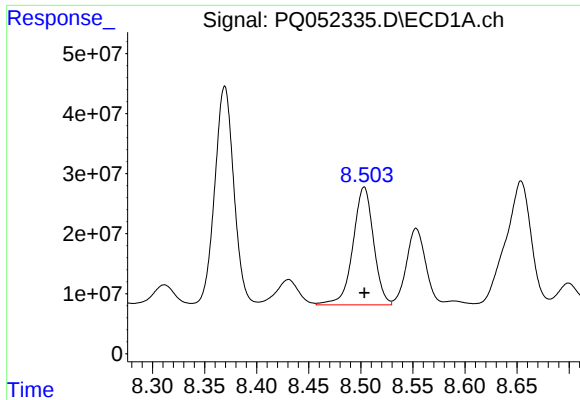
#31 AR-1260-1

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 231760282
Conc: 231.91 ng/ml



#31 AR-1260-1

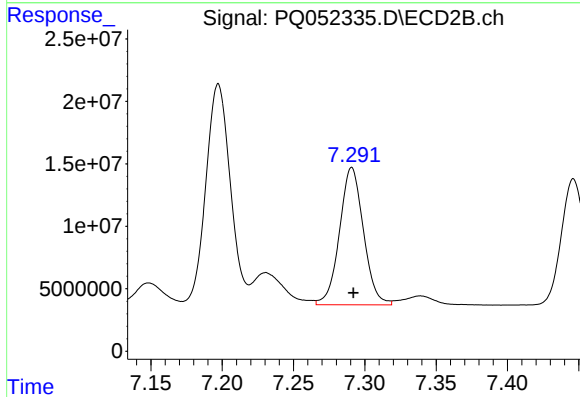
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 141077859
Conc: 344.45 ng/ml



#32 AR-1260-2

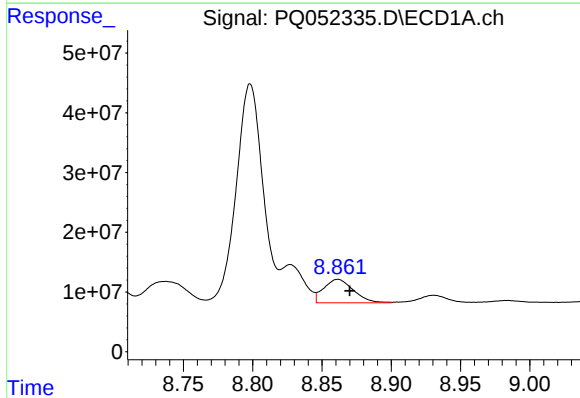
R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 270251575
Conc: 220.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



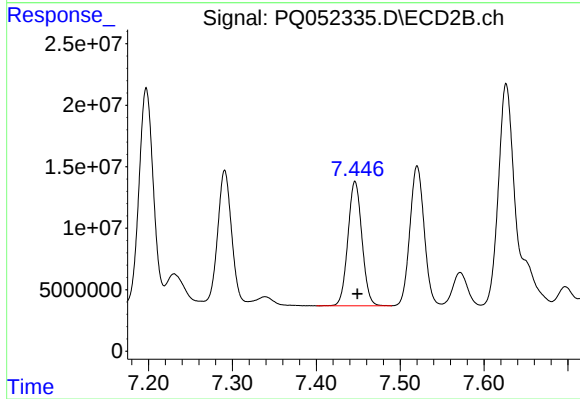
#32 AR-1260-2

R.T.: 7.291 min
Delta R.T.: -0.001 min
Response: 128464751
Conc: 241.95 ng/ml



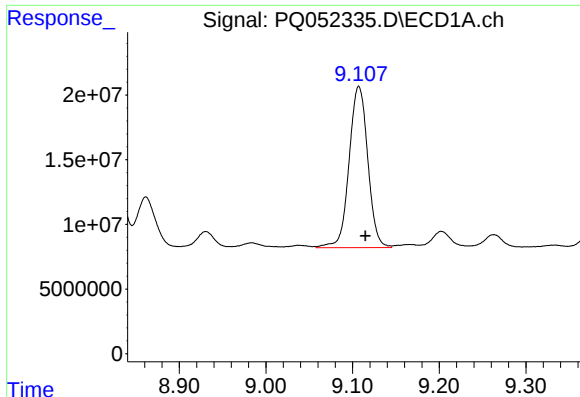
#33 AR-1260-3

R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 58974522
Conc: 64.49 ng/ml



#33 AR-1260-3

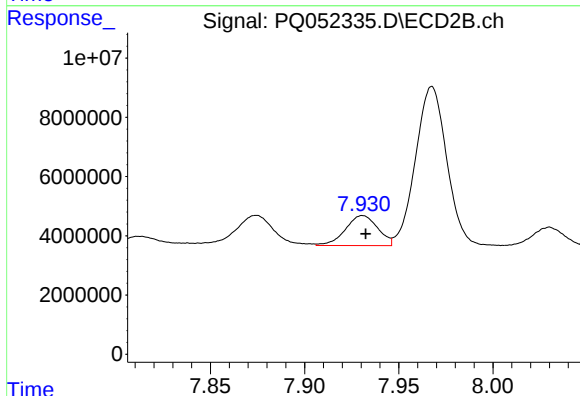
R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 117592080
Conc: 246.05 ng/ml



#34 AR-1260-4

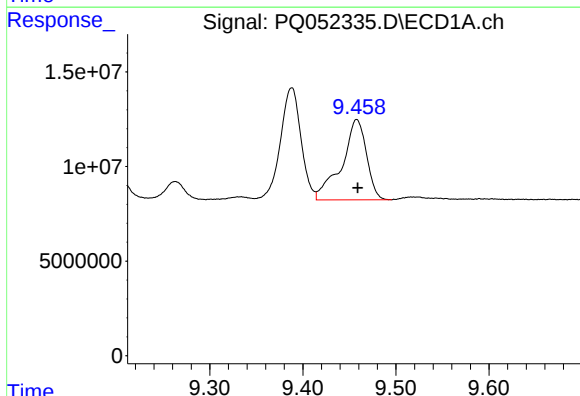
R.T.: 9.107 min
Delta R.T.: -0.007 min
Response: 186813612
Conc: 173.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



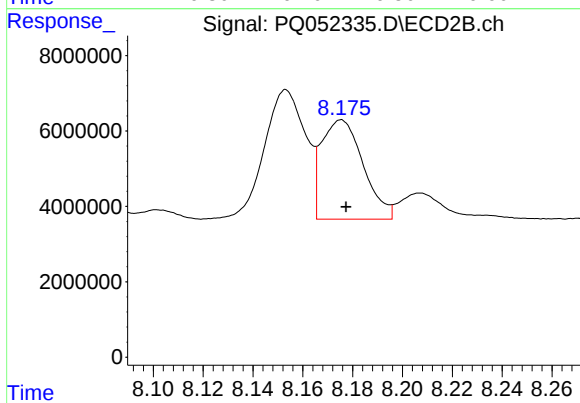
#34 AR-1260-4

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 12119097
Conc: 29.92 ng/ml



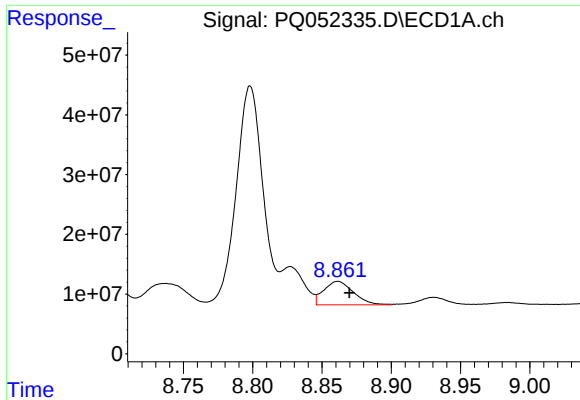
#35 AR-1260-5

R.T.: 9.458 min
Delta R.T.: -0.001 min
Response: 78668489
Conc: 34.67 ng/ml



#35 AR-1260-5

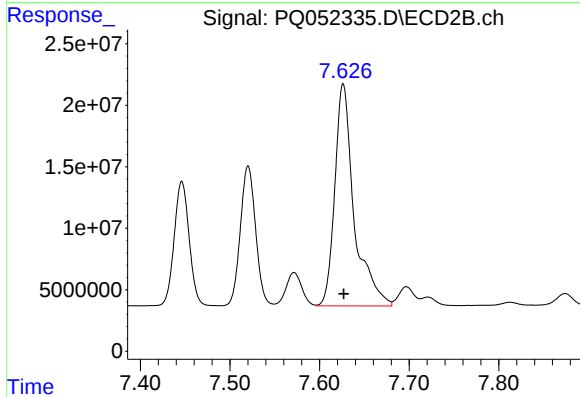
R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 30606276
Conc: 28.43 ng/ml



#36 AR-1262-1

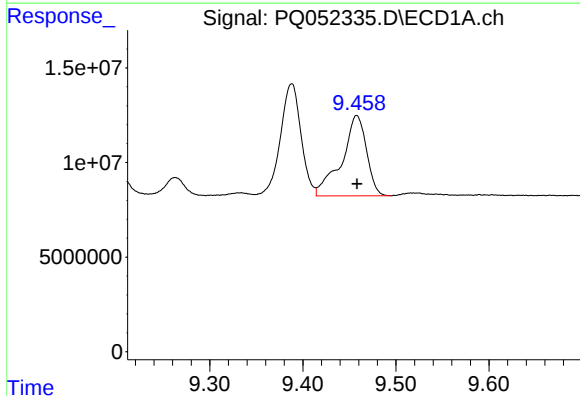
R.T.: 8.861 min
Delta R.T.: -0.008 min
Response: 58974522
Conc: 37.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



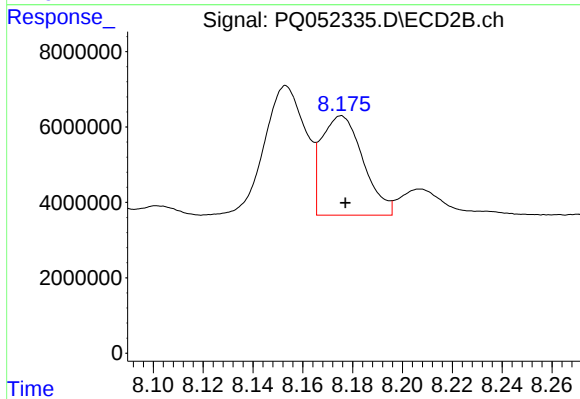
#36 AR-1262-1

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 270798507
Conc: 784.21 ng/ml



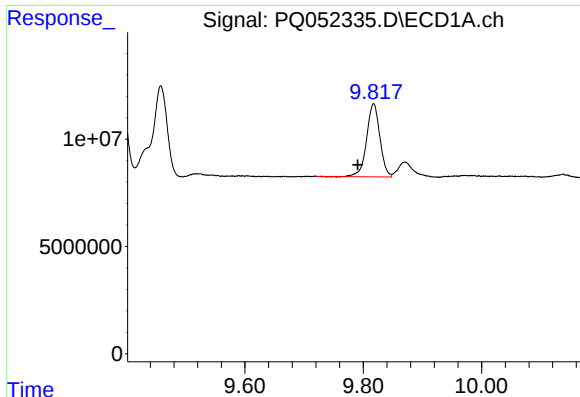
#37 AR-1262-2

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 78668489
Conc: 26.26 ng/ml



#37 AR-1262-2

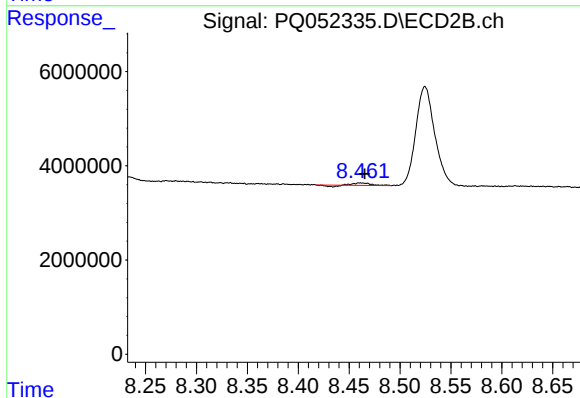
R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 30606276
Conc: 22.82 ng/ml



#38 AR-1262-3

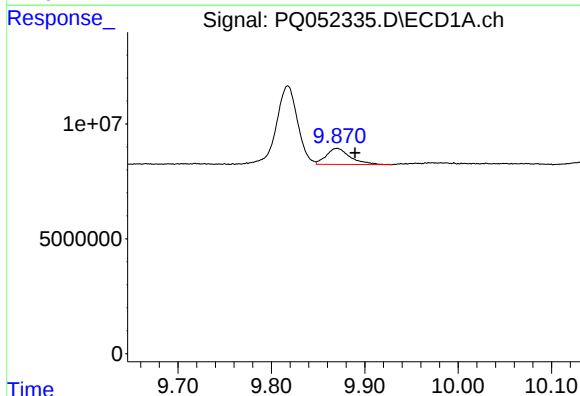
R.T.: 9.818 min
Delta R.T.: 0.027 min
Response: 52899671
Conc: 26.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



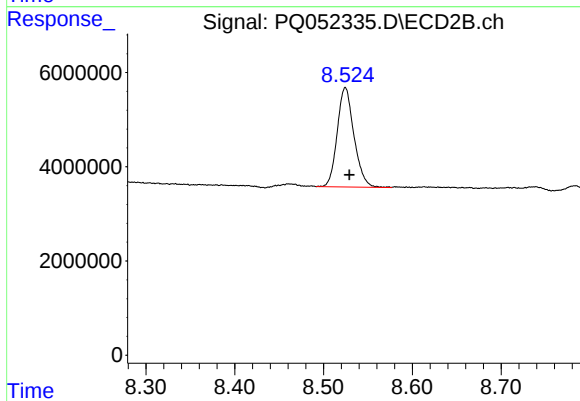
#38 AR-1262-3

R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 497229
Conc: 0.95 ng/ml



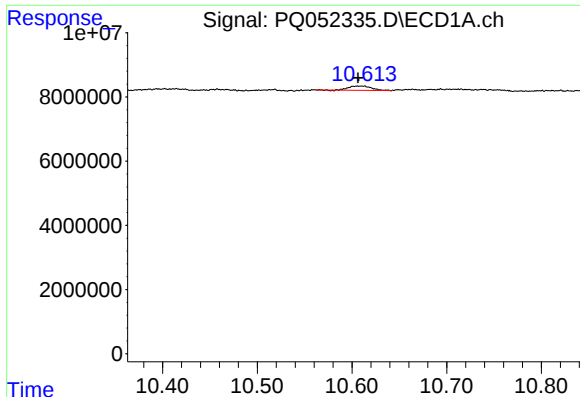
#39 AR-1262-4

R.T.: 9.870 min
Delta R.T.: -0.019 min
Response: 12533104
Conc: 8.24 ng/ml



#39 AR-1262-4

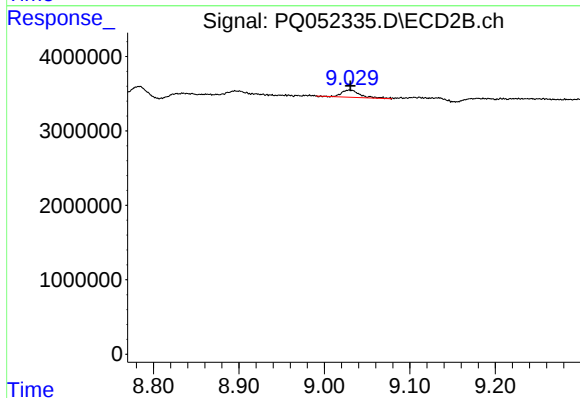
R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 27666059
Conc: 28.31 ng/ml



#40 AR-1262-5

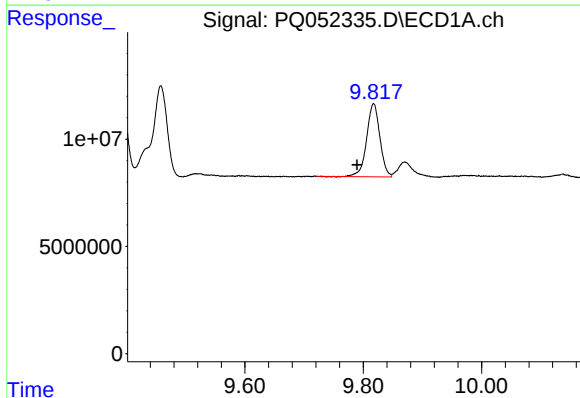
R.T.: 10.612 min
Delta R.T.: 0.005 min
Response: 2301271
Conc: 2.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



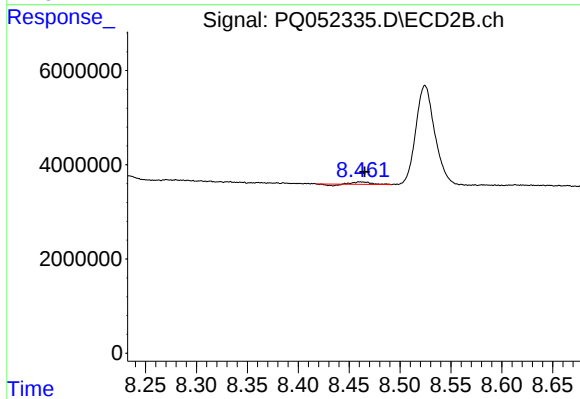
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: -0.001 min
Response: 1432168
Conc: 3.16 ng/ml



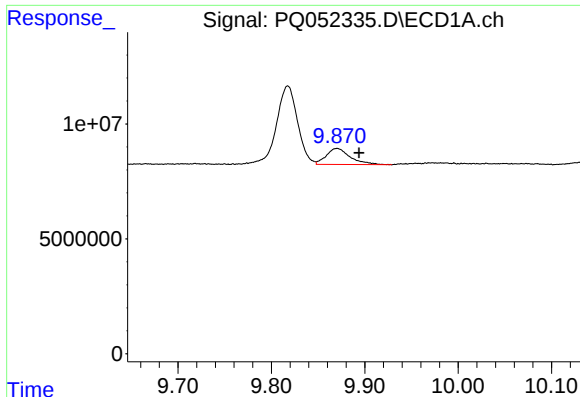
#41 AR-1268-1

R.T.: 9.818 min
Delta R.T.: 0.028 min
Response: 52899671
Conc: 15.05 ng/ml



#41 AR-1268-1

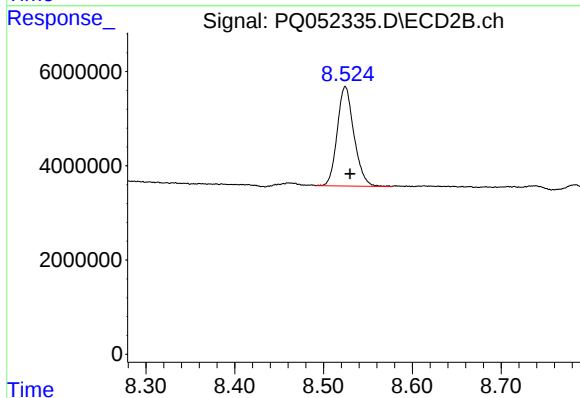
R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 497229
Conc: 0.31 ng/ml



#42 AR-1268-2

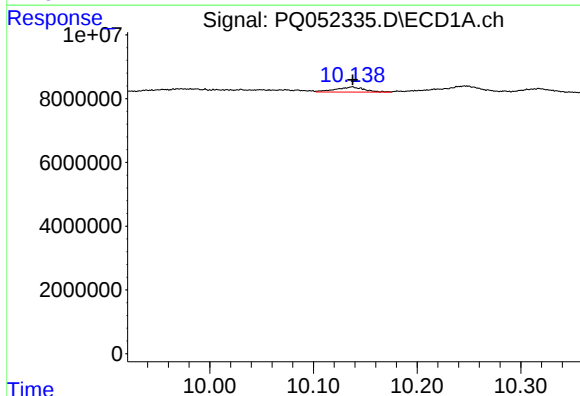
R.T.: 9.870 min
Delta R.T.: -0.024 min
Response: 12533104
Conc: 3.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



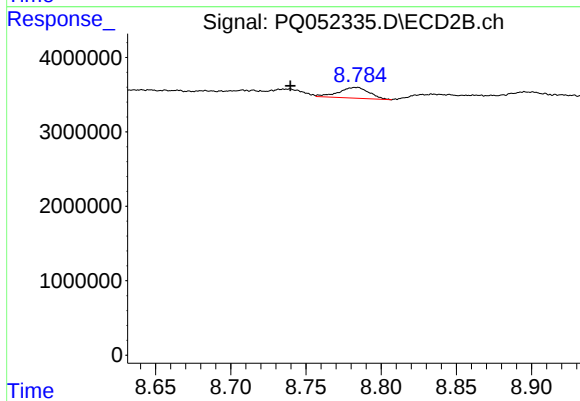
#42 AR-1268-2

R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 27666059
Conc: 18.56 ng/ml



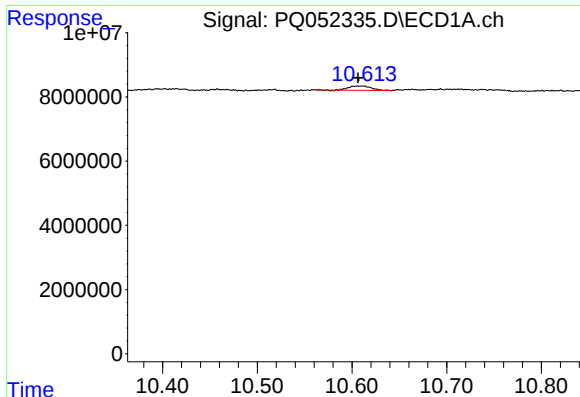
#43 AR-1268-3

R.T.: 10.137 min
Delta R.T.: 0.000 min
Response: 3021357
Conc: 1.09 ng/ml



#43 AR-1268-3

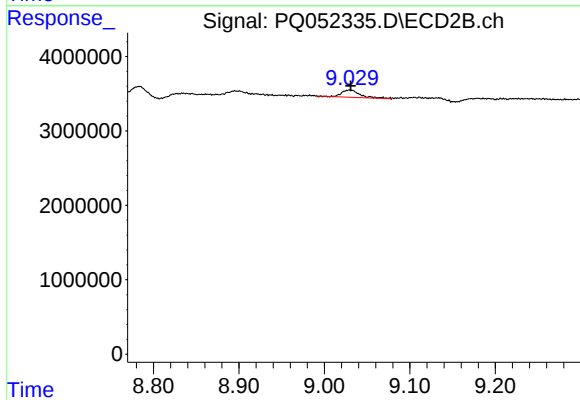
R.T.: 8.784 min
Delta R.T.: 0.044 min
Response: 2059749
Conc: 1.64 ng/ml



#44 AR-1268-4

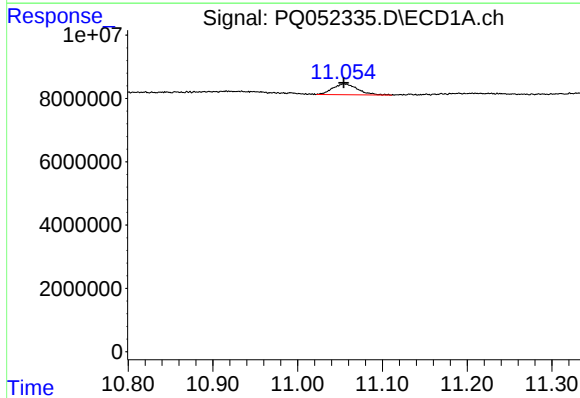
R.T.: 10.612 min
Delta R.T.: 0.005 min
Response: 2301271
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



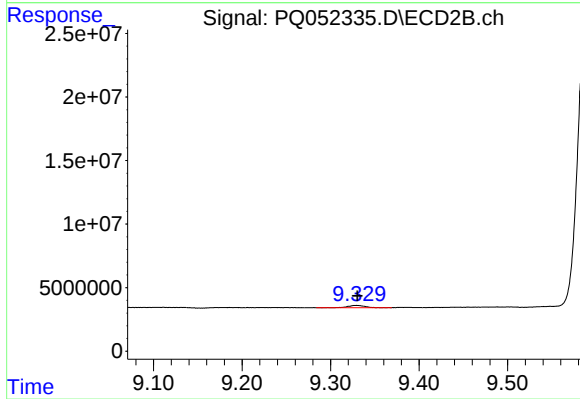
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 1432168
Conc: 2.74 ng/ml



#45 AR-1268-5

R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 7026960
Conc: 0.72 ng/ml



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.001 min
Response: 2306384
Conc: 0.57 ng/ml