

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
 Data File : PQ052519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 08:04
 Operator : DD\AJ
 Sample : M1458-07
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:55:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 11 04:11:59 2021
 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...	5.226	4.243	486.2E6	168.1E6	19.141	18.478
2)	SA Decachlor...	11.413	9.585	570.5E6	220.0E6	22.884	22.682
Target Compounds							
3)	L1 AR-1016-1	6.555	5.531f	10339514	1307984	12.213	4.048 #
4)	L1 AR-1016-2	6.555f	5.531	10339514	1307984	8.162	2.768 #
5)	L1 AR-1016-3	6.667f	5.695f	1703550	3086773	2.279	12.774 #
6)	L1 AR-1016-4	0.000	5.765	0	1654180	N.D.	8.993 #
7)	L1 AR-1016-5	7.069	0.000	4402985	0	7.546	N.D. #
8)	L2 AR-1221-1	5.487	4.520f	19978183	652429	80.050	7.228 #
9)	L2 AR-1221-2	5.583	4.596	5258410	1793568	29.030	27.004
12)	L3 AR-1232-2	6.279f	5.531	1766971	1307984	7.144	6.765
13)	L3 AR-1232-3	6.555f	5.695f	10339514	3086773	19.602	31.915 #
14)	L3 AR-1232-4	0.000	5.837f	0	3842772	N.D.	47.638 #
15)	L3 AR-1232-5	6.846	0.000	1234142	0	6.853	N.D. #
16)	L4 AR-1242-1	6.555	5.531f	10339514	1307984	15.969	5.315 #
17)	L4 AR-1242-2	6.555f	5.531	10339514	1307984	10.785	3.723 #
18)	L4 AR-1242-3	6.667f	5.695f	1703550	3086773	2.971	16.757 #
19)	L4 AR-1242-4	0.000	5.837f	0	3842772	N.D.	22.804 #
20)	L4 AR-1242-5	7.531	0.000	5184139	0	9.846	N.D. #
21)	L5 AR-1248-1	6.555	5.531f	10339514	1307984	21.365	7.053 #
22)	L5 AR-1248-2	6.846	5.765	1234142	1654180	1.847	6.680 #
23)	L5 AR-1248-3	7.069	5.837f	4402985	3842772	5.688	14.963 #
24)	L5 AR-1248-4	7.498	0.000	15936877	0	17.313	N.D. #
25)	L5 AR-1248-5	7.531	0.000	5184139	0	5.673	N.D. #
26)	L6 AR-1254-1	7.470	0.000	8033035	0	8.929	N.D. #
27)	L6 AR-1254-2	0.000	6.527	0	1643518	N.D.	3.673 #
28)	L6 AR-1254-3	8.098f	0.000	22802149	0	14.691	N.D. #
29)	L6 AR-1254-4	8.355	0.000	2395826	0	2.091	N.D. #
30)	L6 AR-1254-5	8.780f	0.000	10183392	0	8.374	N.D. #
32)	L7 AR-1260-2	8.502	7.278	8852693	927157	6.984	1.447 #
33)	L7 AR-1260-3	8.866	0.000	19324156	0	20.347	N.D. #
34)	L7 AR-1260-4	9.126f	7.927	30534820	11473382	26.919	24.211
35)	L7 AR-1260-5	9.455	8.172	10511429	12416056	4.394	9.432 #
36)	L8 AR-1262-1	8.866	0.000	19324156	0	13.771	N.D. #
37)	L8 AR-1262-2	9.455	8.172	10511429	12416056	3.837	8.396 #
38)	L8 AR-1262-3	9.786	8.459	110.4E6	62651685	93.470	108.496
39)	L8 AR-1262-4	9.890	8.525	101.9E6	50805088	73.789	49.411 #
40)	L8 AR-1262-5	10.602	9.025	41324114	18308378	41.540	38.805
41)	L9 AR-1268-1	9.786	8.459	110.4E6	62651685	35.221	36.637
42)	L9 AR-1268-2	9.890	8.525	101.9E6	50805088	34.693	33.752
43)	L9 AR-1268-3	10.132	8.734	88818497	42824991	35.026	33.225
44)	L9 AR-1268-4	10.602	9.025	41324114	18308378	38.073	35.771

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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	11.048	9.324	311.2E6	125.5E6	34.592	32.342

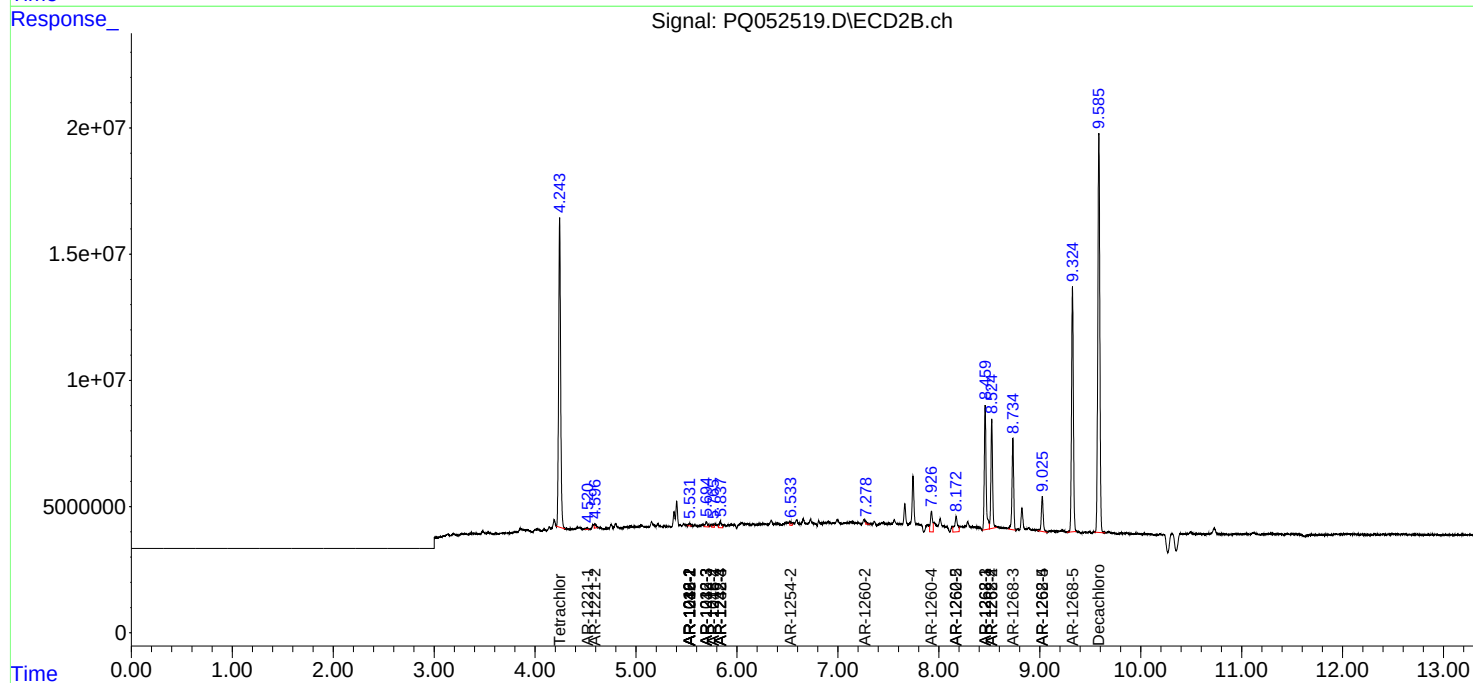
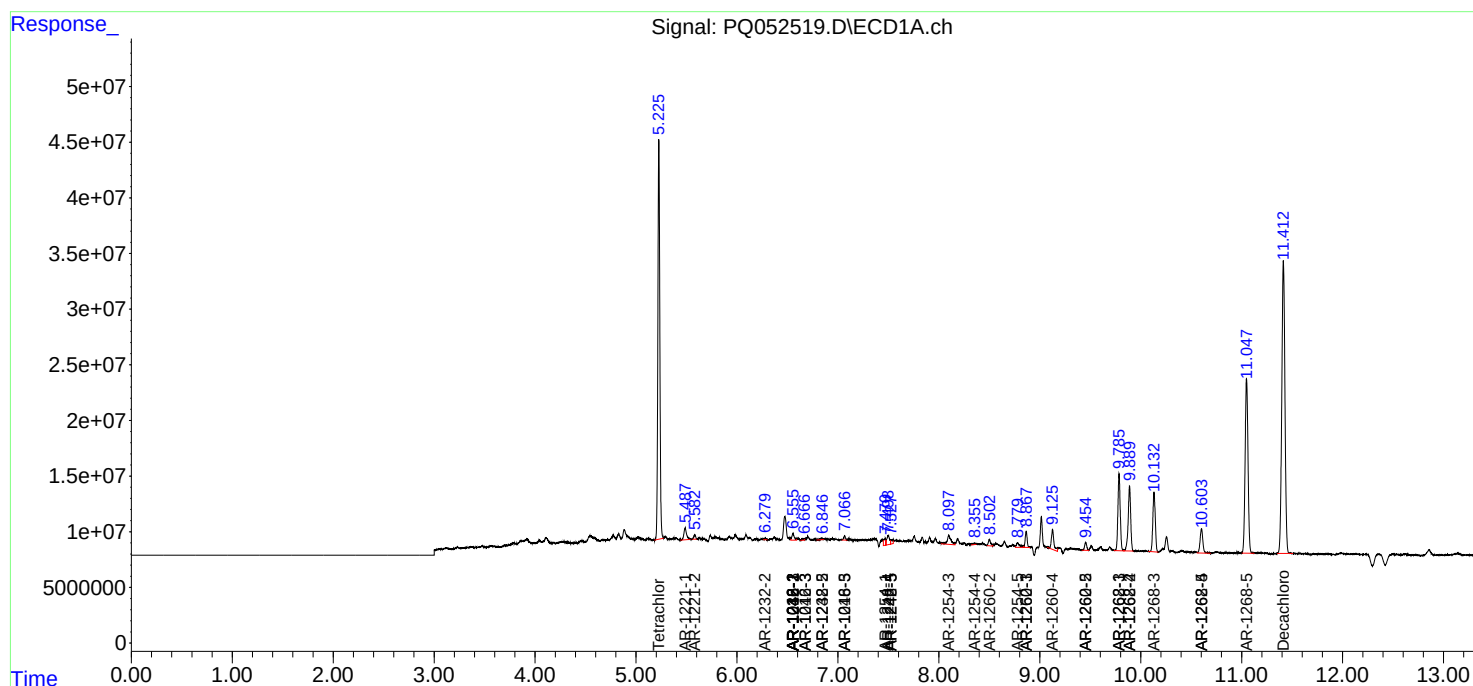
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

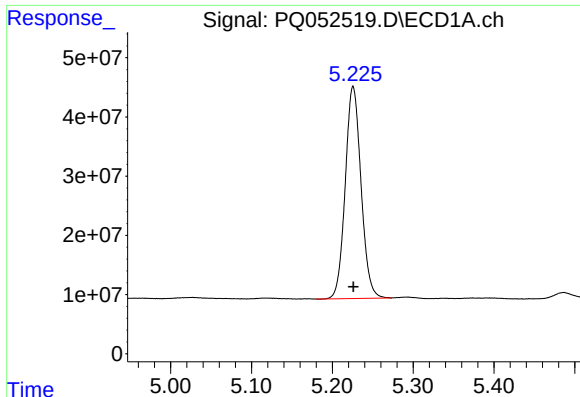
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
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Sample : M1458-07
Misc : AR1268 LOD 40 PPB
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

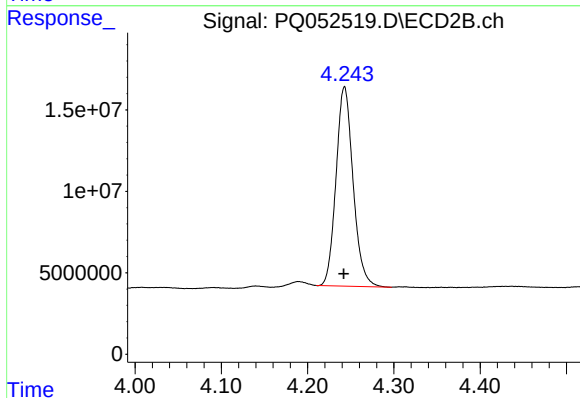




#1 Tetrachloro-m-xylene

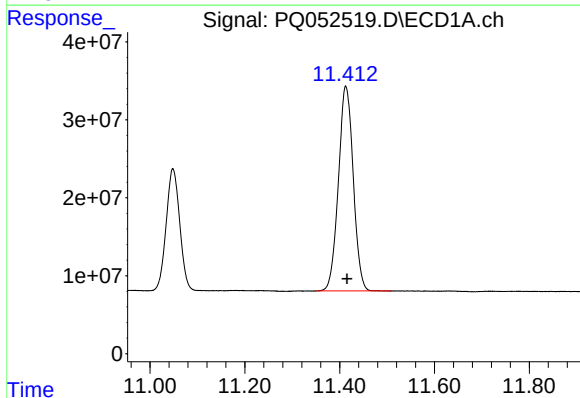
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 486183738
Conc: 19.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



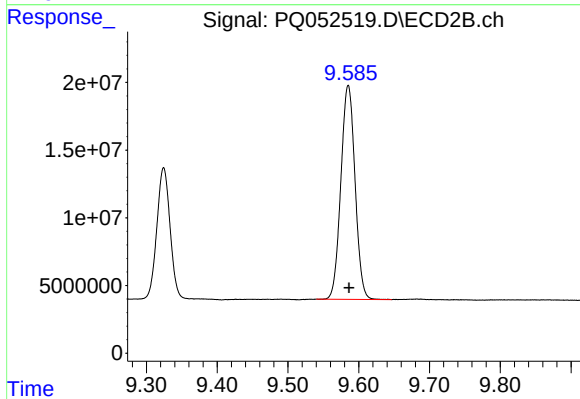
#1 Tetrachloro-m-xylene

R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 168090659
Conc: 18.48 ng/ml



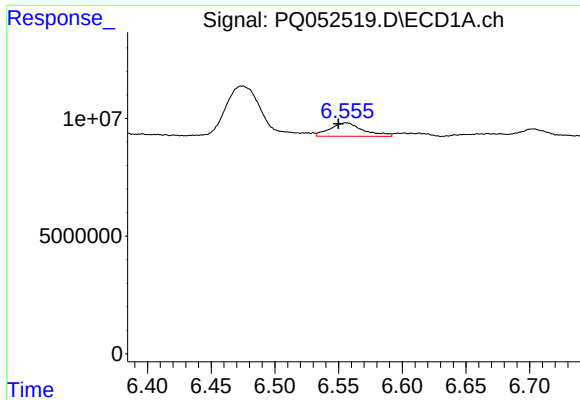
#2 Decachlorobiphenyl

R.T.: 11.413 min
Delta R.T.: -0.003 min
Response: 570500795
Conc: 22.88 ng/ml



#2 Decachlorobiphenyl

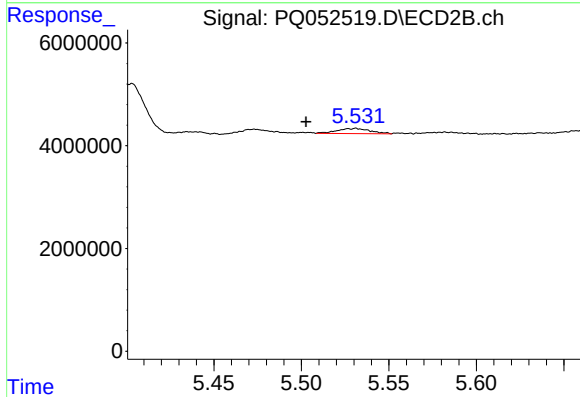
R.T.: 9.585 min
Delta R.T.: -0.001 min
Response: 220003286
Conc: 22.68 ng/ml



#3 AR-1016-1

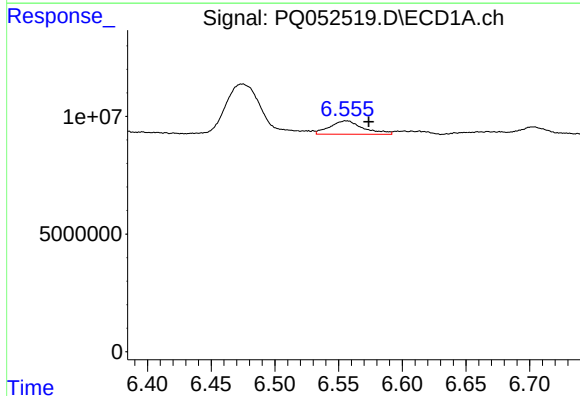
R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 10339514
Conc: 12.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



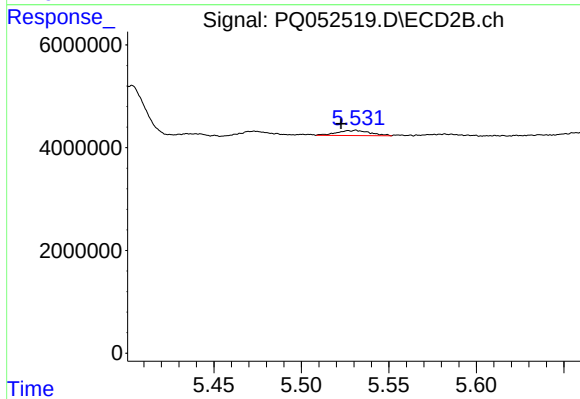
#3 AR-1016-1

R.T.: 5.531 min
Delta R.T.: 0.028 min
Response: 1307984
Conc: 4.05 ng/ml



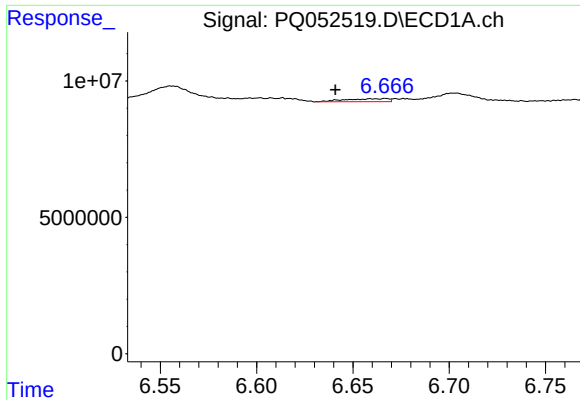
#4 AR-1016-2

R.T.: 6.555 min
Delta R.T.: -0.018 min
Response: 10339514
Conc: 8.16 ng/ml



#4 AR-1016-2

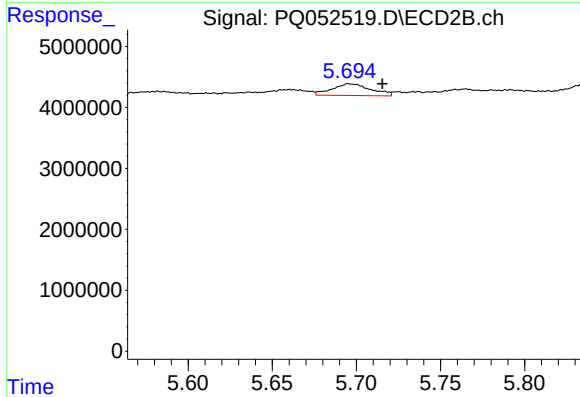
R.T.: 5.531 min
Delta R.T.: 0.008 min
Response: 1307984
Conc: 2.77 ng/ml



#5 AR-1016-3

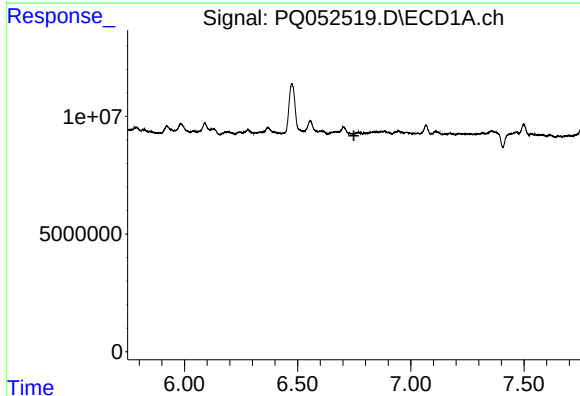
R.T.: 6.667 min
Delta R.T.: 0.026 min
Response: 1703550
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



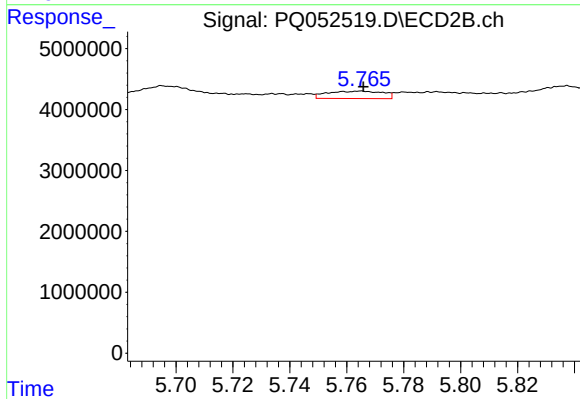
#5 AR-1016-3

R.T.: 5.695 min
Delta R.T.: -0.020 min
Response: 3086773
Conc: 12.77 ng/ml



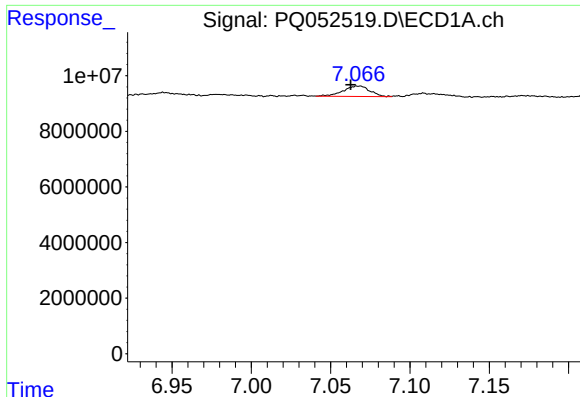
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.749 min
Response: 0
Conc: N.D.



#6 AR-1016-4

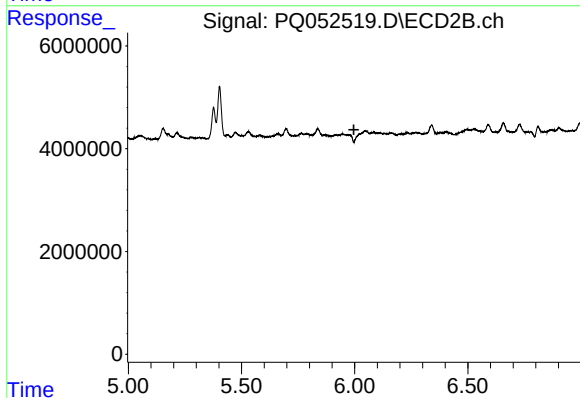
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 1654180
Conc: 8.99 ng/ml



#7 AR-1016-5

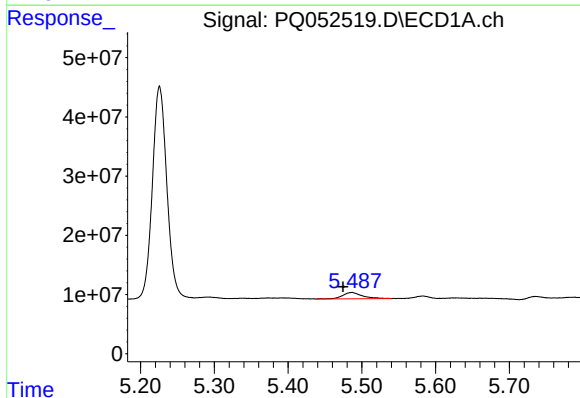
R.T.: 7.069 min
Delta R.T.: 0.006 min
Response: 4402985
Conc: 7.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



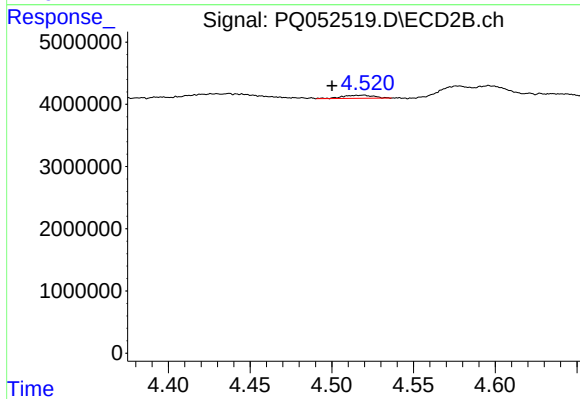
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.996 min
Response: 0
Conc: N.D.



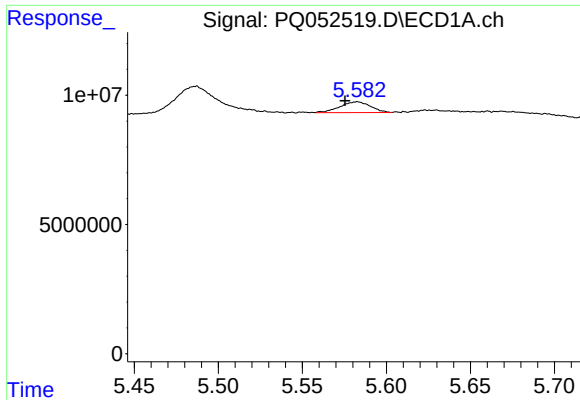
#8 AR-1221-1

R.T.: 5.487 min
Delta R.T.: 0.012 min
Response: 19978183
Conc: 80.05 ng/ml



#8 AR-1221-1

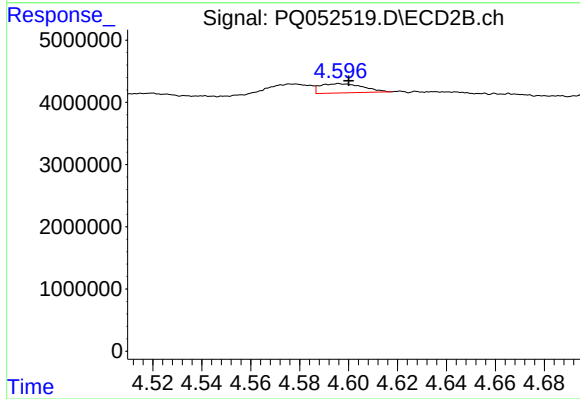
R.T.: 4.520 min
Delta R.T.: 0.020 min
Response: 652429
Conc: 7.23 ng/ml



#9 AR-1221-2

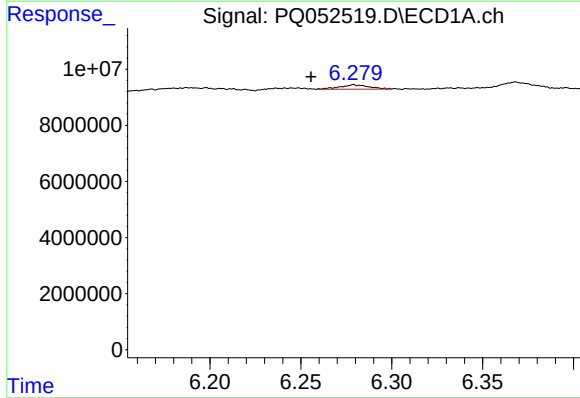
R.T.: 5.583 min
Delta R.T.: 0.008 min
Response: 5258410
Conc: 29.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



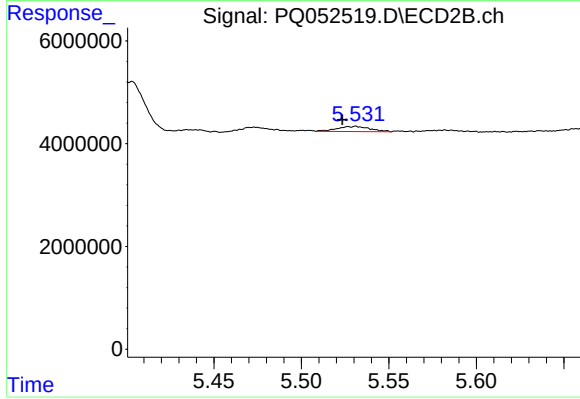
#9 AR-1221-2

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 1793568
Conc: 27.00 ng/ml



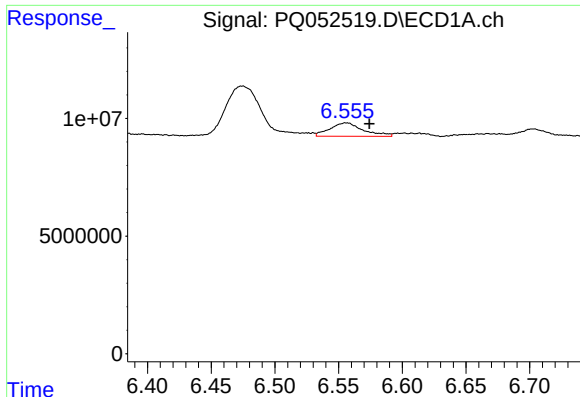
#12 AR-1232-2

R.T.: 6.279 min
Delta R.T.: 0.023 min
Response: 1766971
Conc: 7.14 ng/ml



#12 AR-1232-2

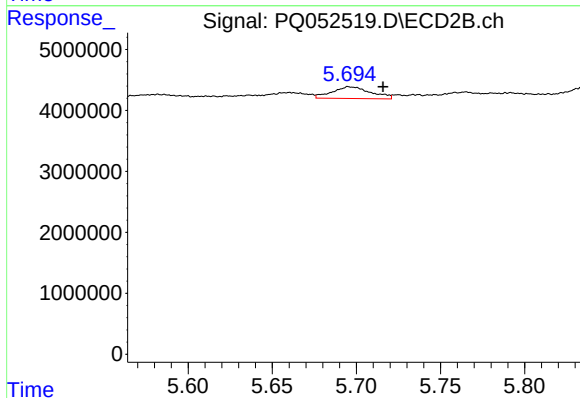
R.T.: 5.531 min
Delta R.T.: 0.008 min
Response: 1307984
Conc: 6.76 ng/ml



#13 AR-1232-3

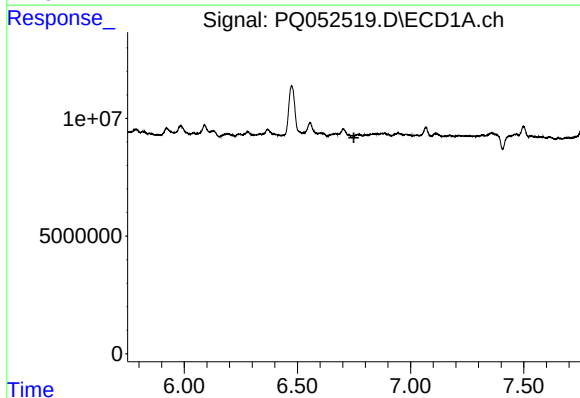
R.T.: 6.555 min
Delta R.T.: -0.019 min
Response: 10339514
Conc: 19.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



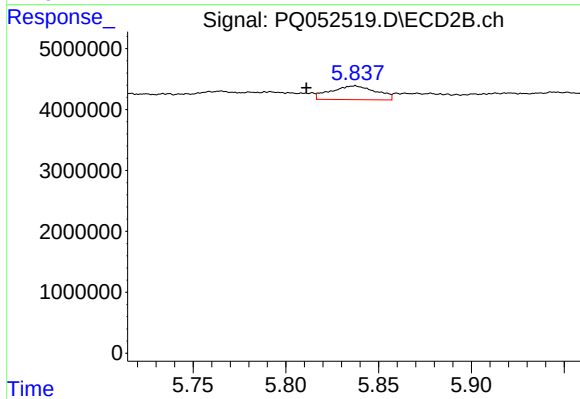
#13 AR-1232-3

R.T.: 5.695 min
Delta R.T.: -0.021 min
Response: 3086773
Conc: 31.91 ng/ml



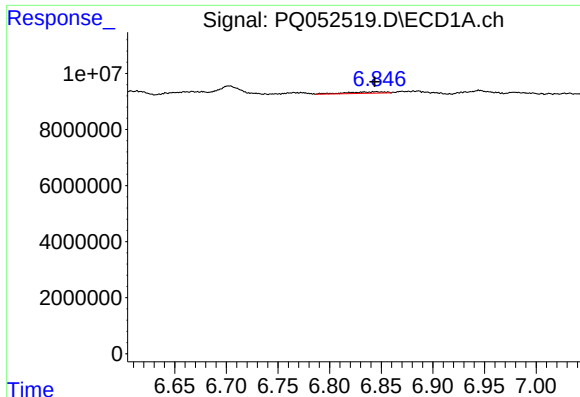
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.750 min
Response: 0
Conc: N.D.



#14 AR-1232-4

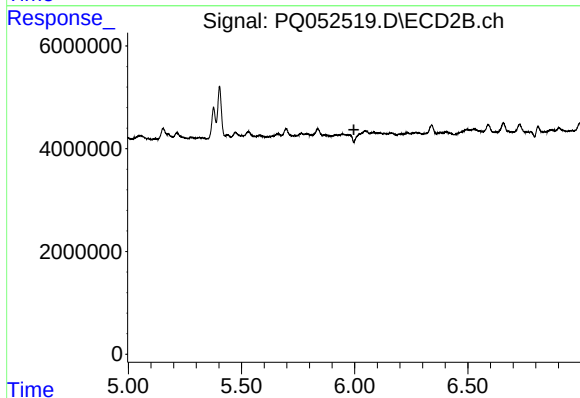
R.T.: 5.837 min
Delta R.T.: 0.026 min
Response: 3842772
Conc: 47.64 ng/ml



#15 AR-1232-5

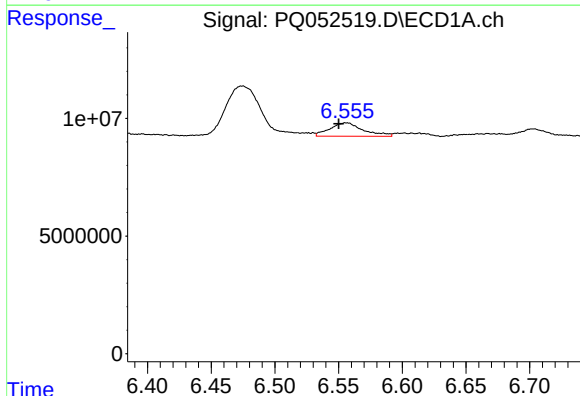
R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 1234142
Conc: 6.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



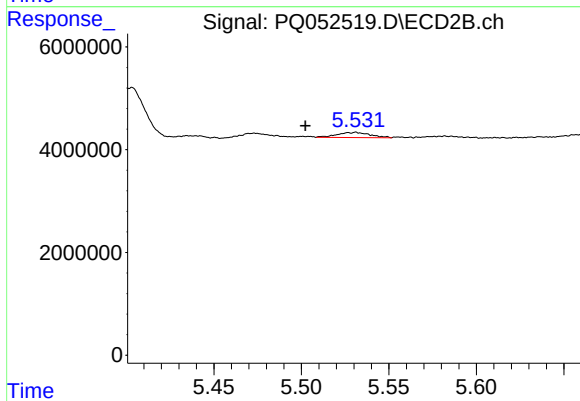
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.996 min
Response: 0
Conc: N.D.



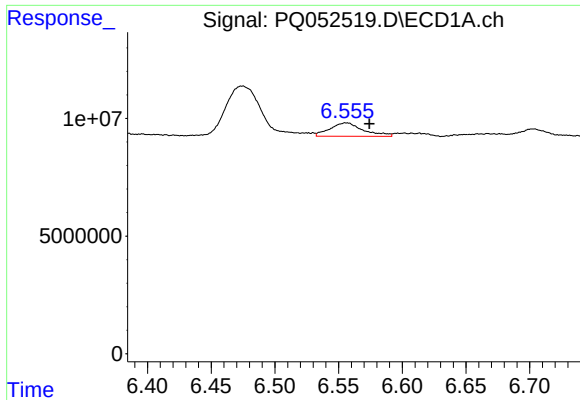
#16 AR-1242-1

R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 10339514
Conc: 15.97 ng/ml



#16 AR-1242-1

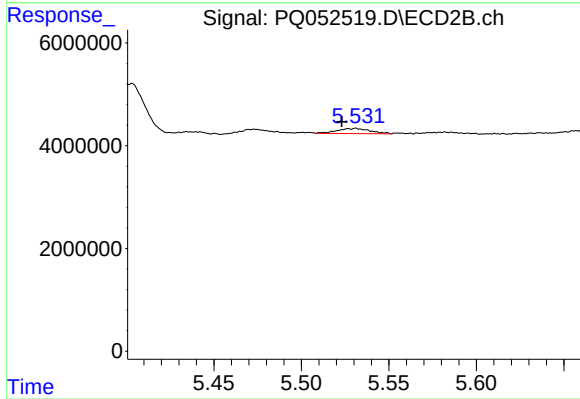
R.T.: 5.531 min
Delta R.T.: 0.029 min
Response: 1307984
Conc: 5.31 ng/ml



#17 AR-1242-2

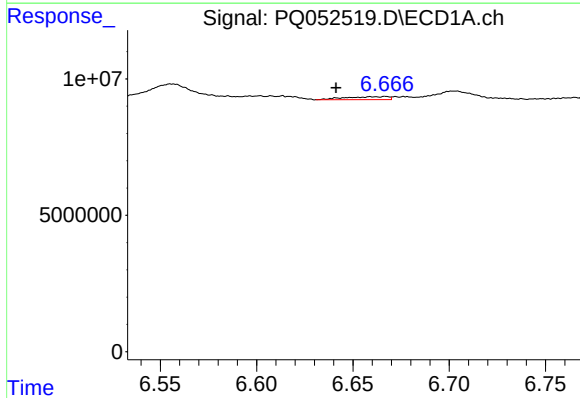
R.T.: 6.555 min
Delta R.T.: -0.019 min
Response: 10339514
Conc: 10.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



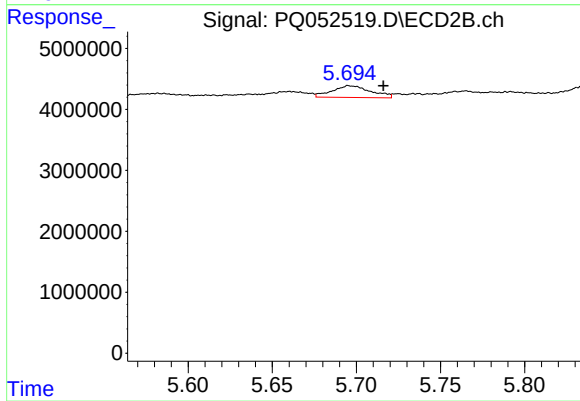
#17 AR-1242-2

R.T.: 5.531 min
Delta R.T.: 0.008 min
Response: 1307984
Conc: 3.72 ng/ml



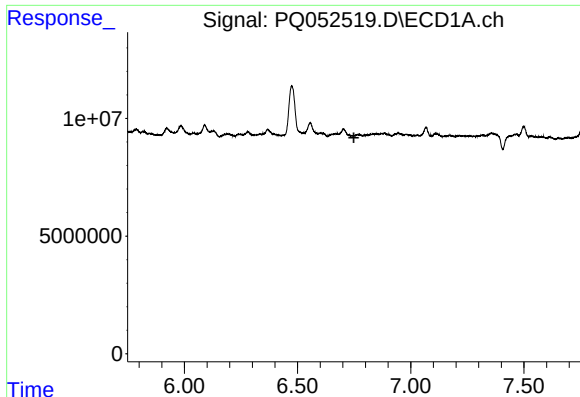
#18 AR-1242-3

R.T.: 6.667 min
Delta R.T.: 0.026 min
Response: 1703550
Conc: 2.97 ng/ml



#18 AR-1242-3

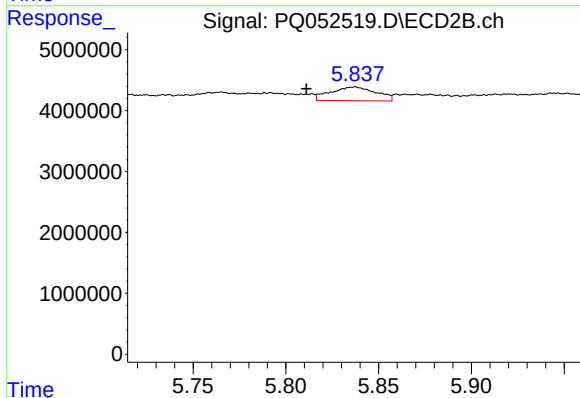
R.T.: 5.695 min
Delta R.T.: -0.021 min
Response: 3086773
Conc: 16.76 ng/ml



#19 AR-1242-4

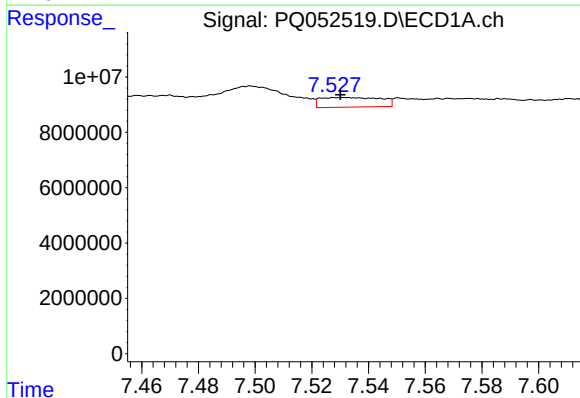
R.T.: 0.000 min
Exp R.T.: 6.749 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



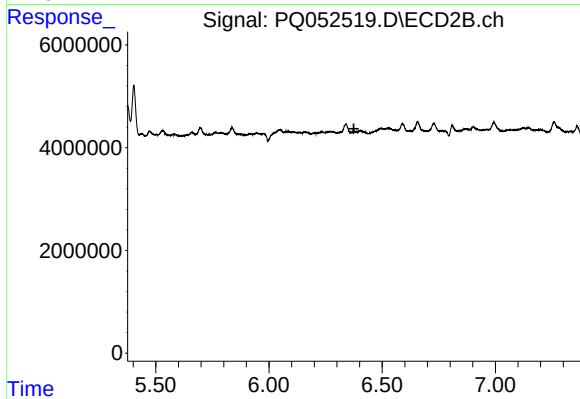
#19 AR-1242-4

R.T.: 5.837 min
Delta R.T.: 0.026 min
Response: 3842772
Conc: 22.80 ng/ml



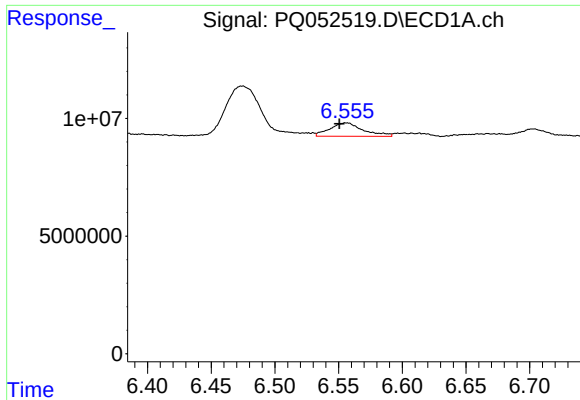
#20 AR-1242-5

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 5184139
Conc: 9.85 ng/ml



#20 AR-1242-5

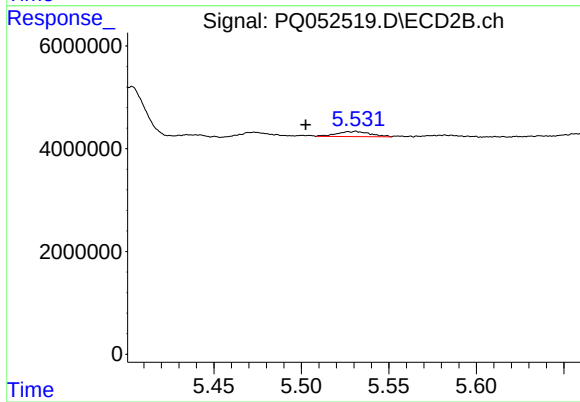
R.T.: 0.000 min
Exp R.T.: 6.375 min
Response: 0
Conc: N.D.



#21 AR-1248-1

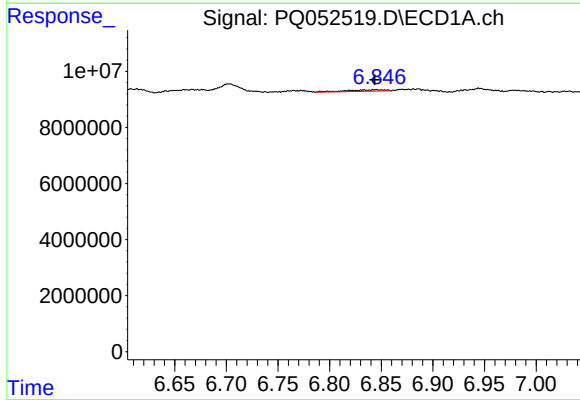
R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 10339514
Conc: 21.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



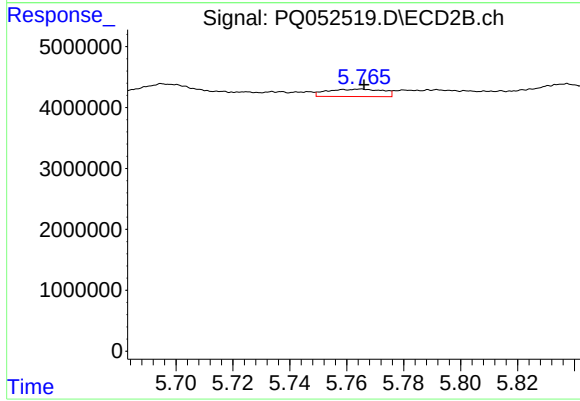
#21 AR-1248-1

R.T.: 5.531 min
Delta R.T.: 0.029 min
Response: 1307984
Conc: 7.05 ng/ml



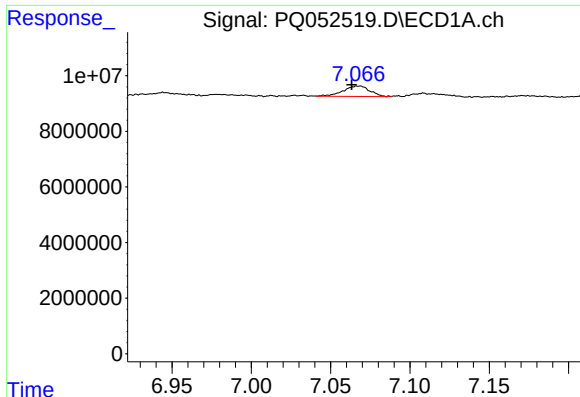
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 1234142
Conc: 1.85 ng/ml



#22 AR-1248-2

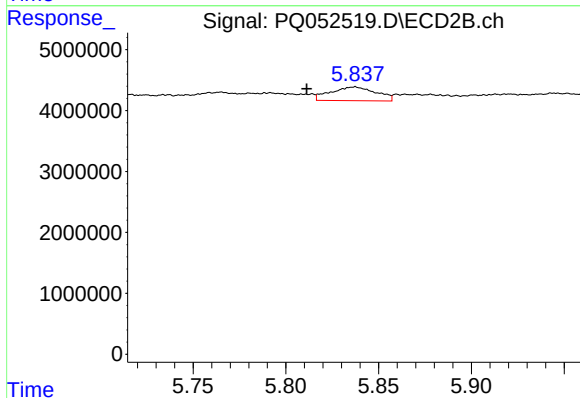
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 1654180
Conc: 6.68 ng/ml



#23 AR-1248-3

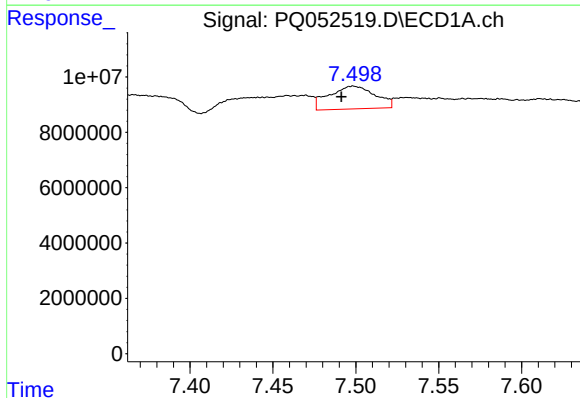
R.T.: 7.069 min
Delta R.T.: 0.006 min
Response: 4402985
Conc: 5.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



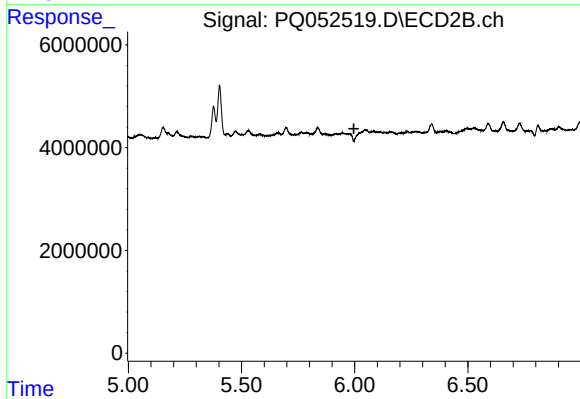
#23 AR-1248-3

R.T.: 5.837 min
Delta R.T.: 0.026 min
Response: 3842772
Conc: 14.96 ng/ml



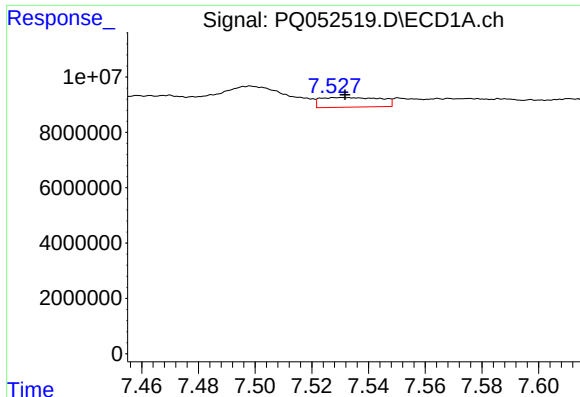
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: 0.007 min
Response: 15936877
Conc: 17.31 ng/ml



#24 AR-1248-4

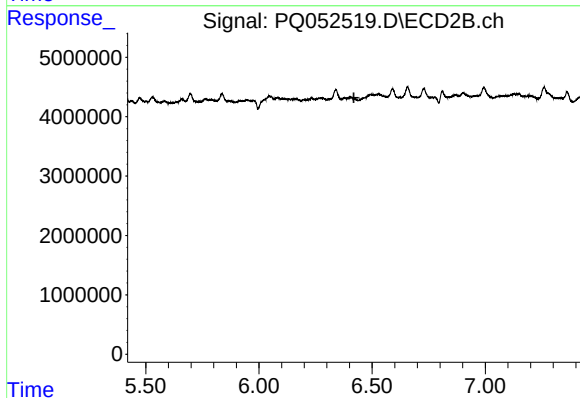
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.



#25 AR-1248-5

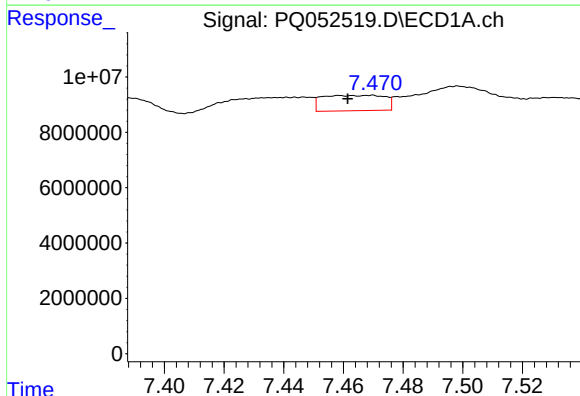
R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 5184139
Conc: 5.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



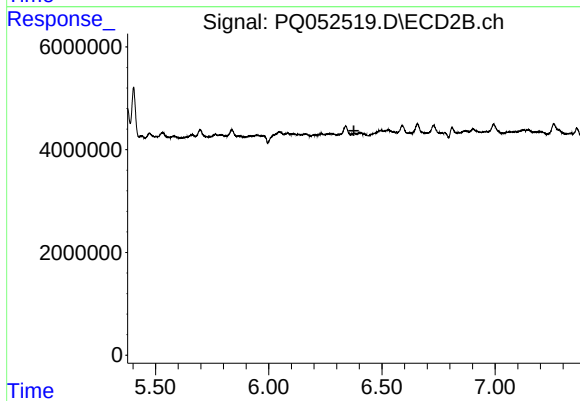
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.419 min
Response: 0
Conc: N.D.



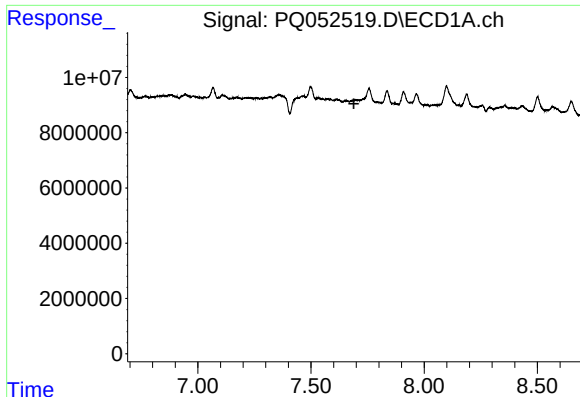
#26 AR-1254-1

R.T.: 7.470 min
Delta R.T.: 0.008 min
Response: 8033035
Conc: 8.93 ng/ml



#26 AR-1254-1

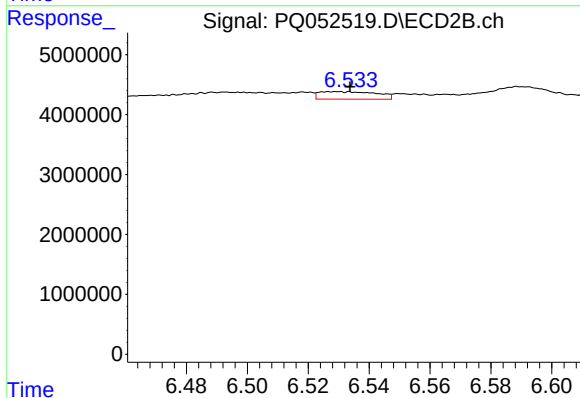
R.T.: 0.000 min
Exp R.T. : 6.376 min
Response: 0
Conc: N.D.



#27 AR-1254-2

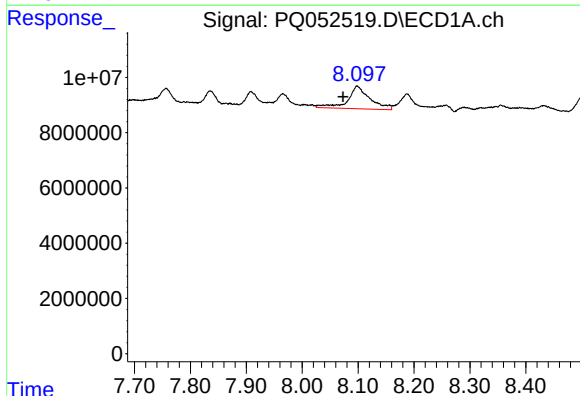
R.T.: 0.000 min
Exp R.T.: 7.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



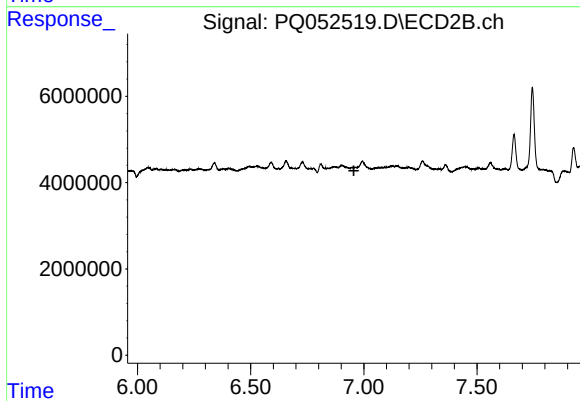
#27 AR-1254-2

R.T.: 6.527 min
Delta R.T.: -0.007 min
Response: 1643518
Conc: 3.67 ng/ml



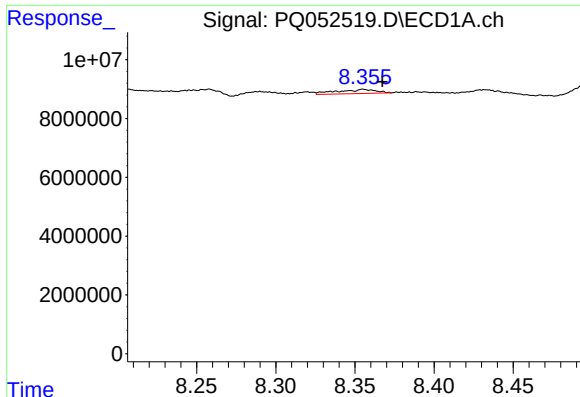
#28 AR-1254-3

R.T.: 8.098 min
Delta R.T.: 0.025 min
Response: 22802149
Conc: 14.69 ng/ml



#28 AR-1254-3

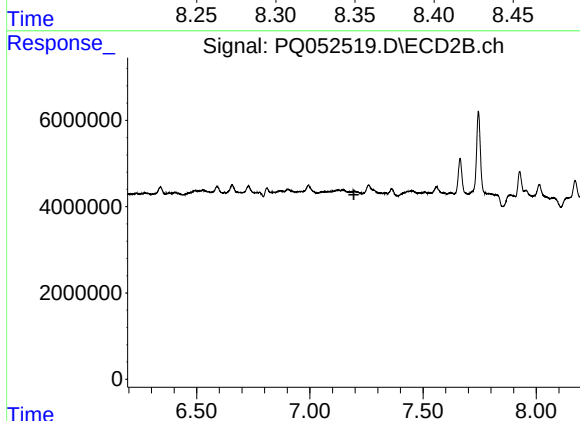
R.T.: 0.000 min
Exp R.T.: 6.956 min
Response: 0
Conc: N.D.



#29 AR-1254-4

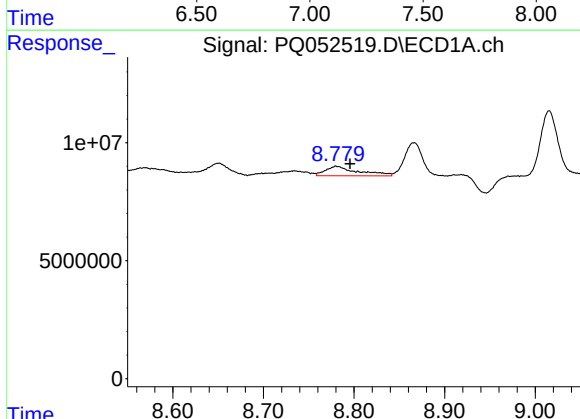
R.T.: 8.355 min
Delta R.T.: -0.012 min
Response: 2395826
Conc: 2.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



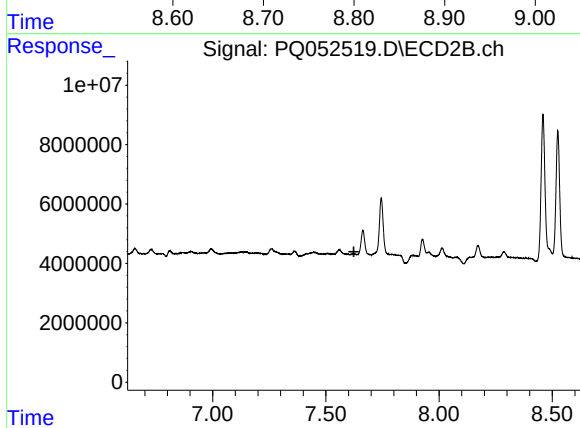
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.195 min
Response: 0
Conc: N.D.



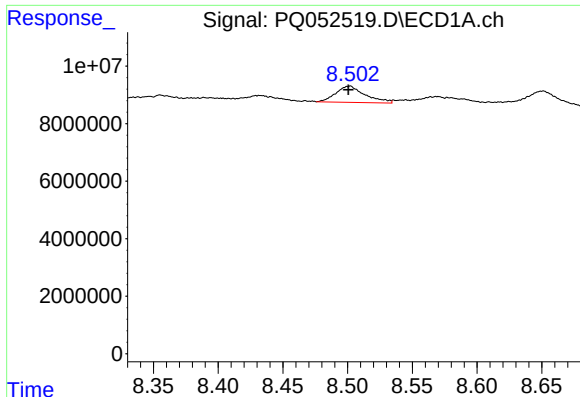
#30 AR-1254-5

R.T.: 8.780 min
Delta R.T.: -0.016 min
Response: 10183392
Conc: 8.37 ng/ml



#30 AR-1254-5

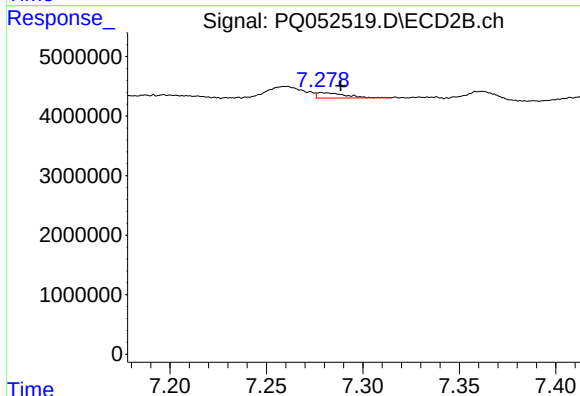
R.T.: 0.000 min
Exp R.T. : 7.624 min
Response: 0
Conc: N.D.



#32 AR-1260-2

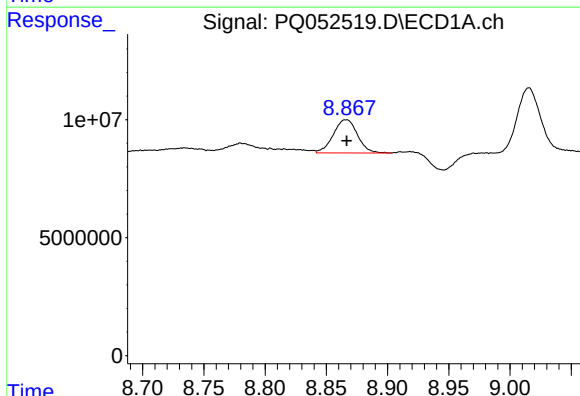
R.T.: 8.502 min
Delta R.T.: 0.001 min
Response: 8852693
Conc: 6.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



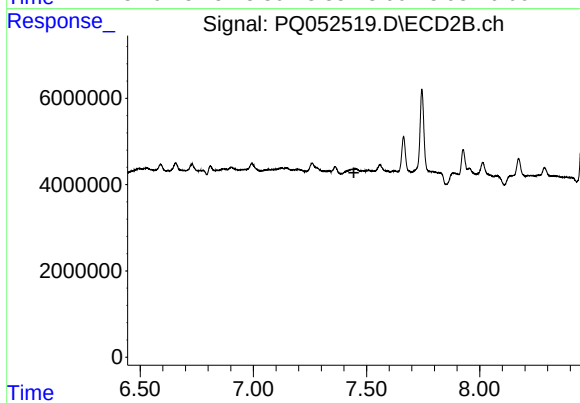
#32 AR-1260-2

R.T.: 7.278 min
Delta R.T.: -0.010 min
Response: 927157
Conc: 1.45 ng/ml



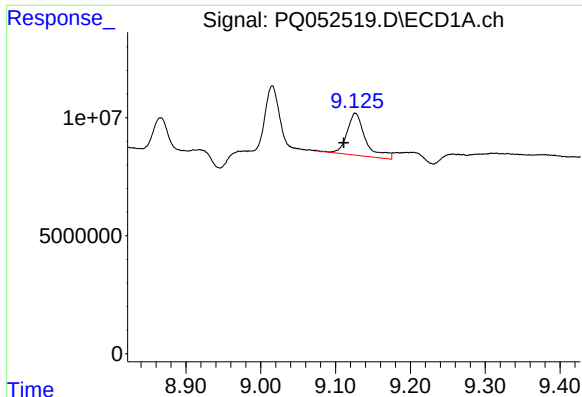
#33 AR-1260-3

R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 19324156
Conc: 20.35 ng/ml



#33 AR-1260-3

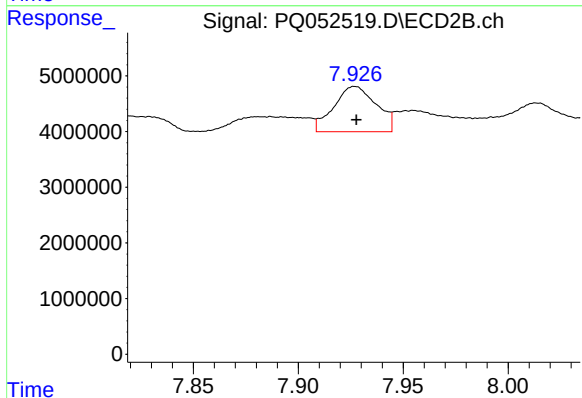
R.T.: 0.000 min
Exp R.T.: 7.444 min
Response: 0
Conc: N.D.



#34 AR-1260-4

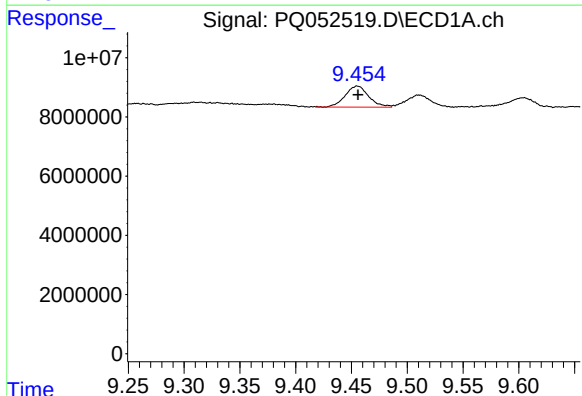
R.T.: 9.126 min
Delta R.T.: 0.016 min
Response: 30534820
Conc: 26.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



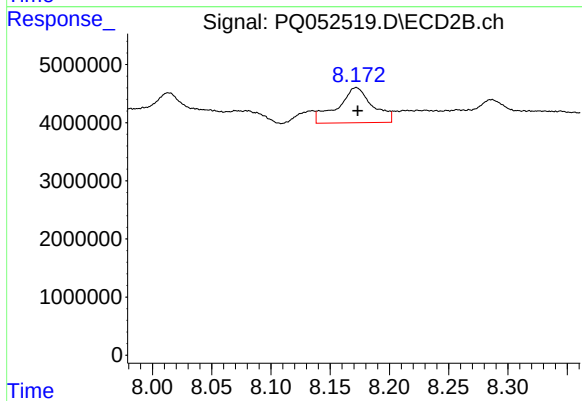
#34 AR-1260-4

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 11473382
Conc: 24.21 ng/ml



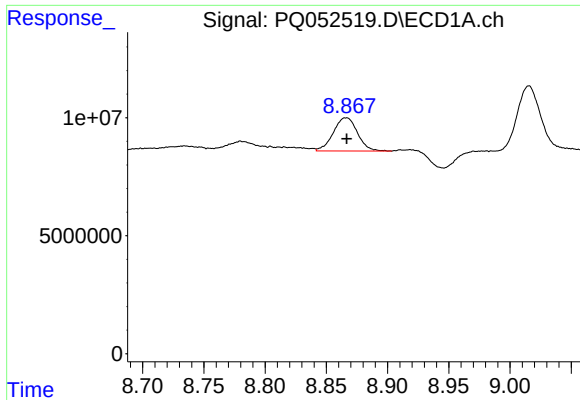
#35 AR-1260-5

R.T.: 9.455 min
Delta R.T.: 0.000 min
Response: 10511429
Conc: 4.39 ng/ml



#35 AR-1260-5

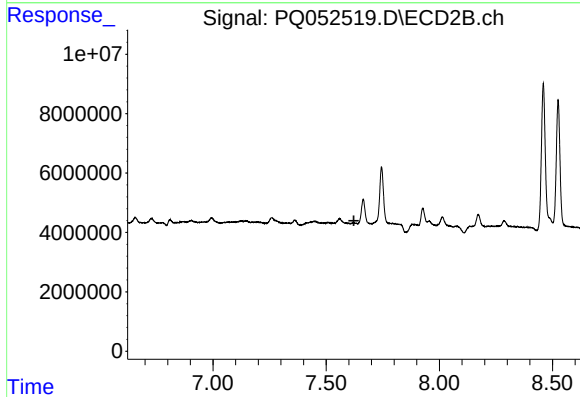
R.T.: 8.172 min
Delta R.T.: -0.001 min
Response: 12416056
Conc: 9.43 ng/ml



#36 AR-1262-1

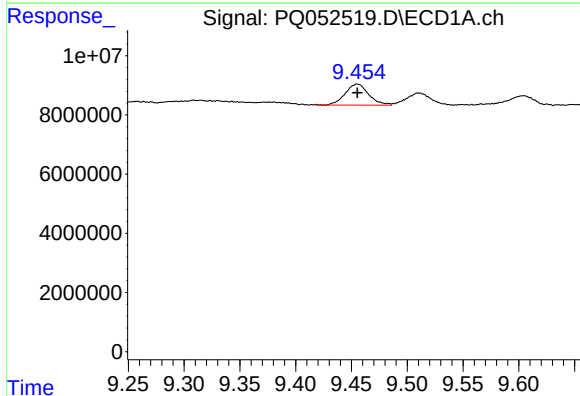
R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 19324156
Conc: 13.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



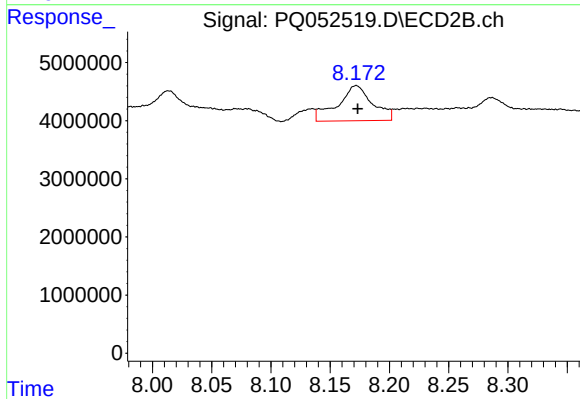
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.622 min
Response: 0
Conc: N.D.



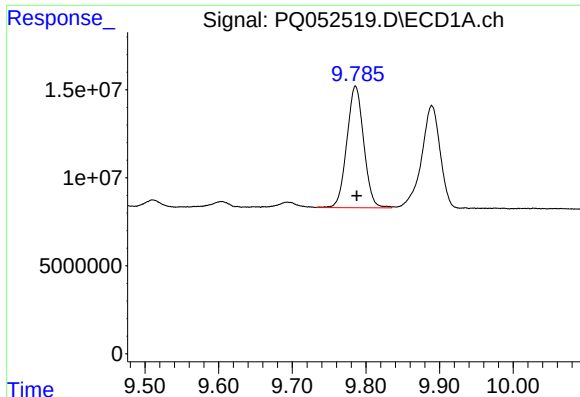
#37 AR-1262-2

R.T.: 9.455 min
Delta R.T.: 0.000 min
Response: 10511429
Conc: 3.84 ng/ml



#37 AR-1262-2

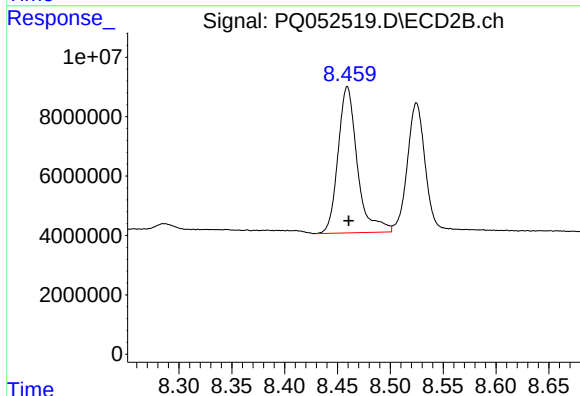
R.T.: 8.172 min
Delta R.T.: -0.001 min
Response: 12416056
Conc: 8.40 ng/ml



#38 AR-1262-3

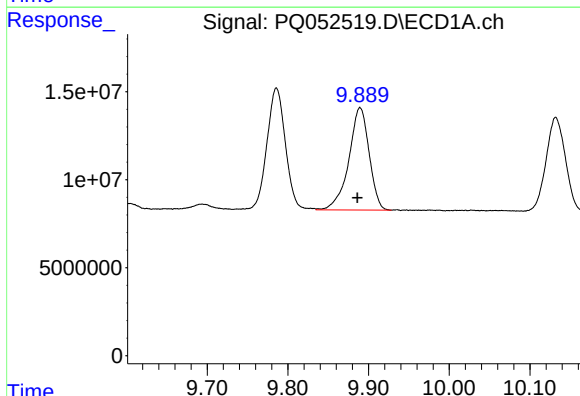
R.T.: 9.786 min
Delta R.T.: -0.001 min
Response: 110354224
Conc: 93.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



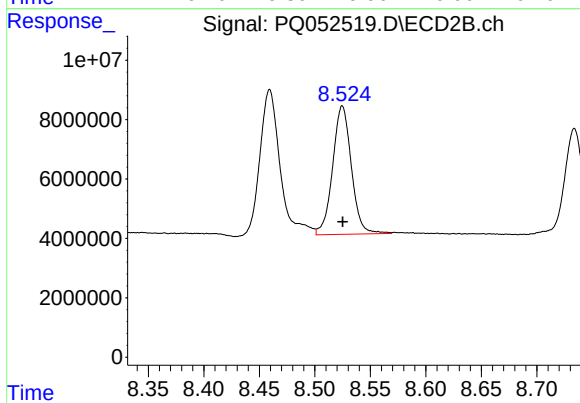
#38 AR-1262-3

R.T.: 8.459 min
Delta R.T.: -0.001 min
Response: 62651685
Conc: 108.50 ng/ml



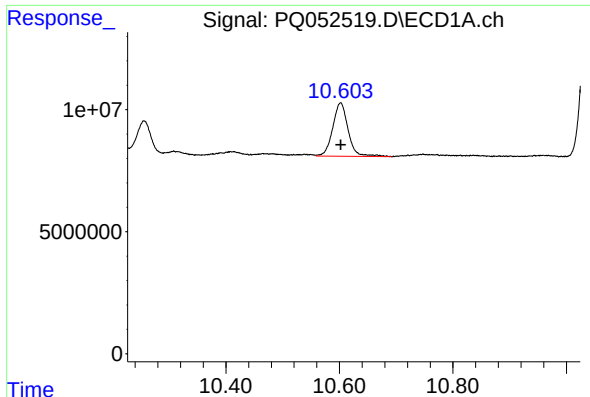
#39 AR-1262-4

R.T.: 9.890 min
Delta R.T.: 0.003 min
Response: 101861032
Conc: 73.79 ng/ml



#39 AR-1262-4

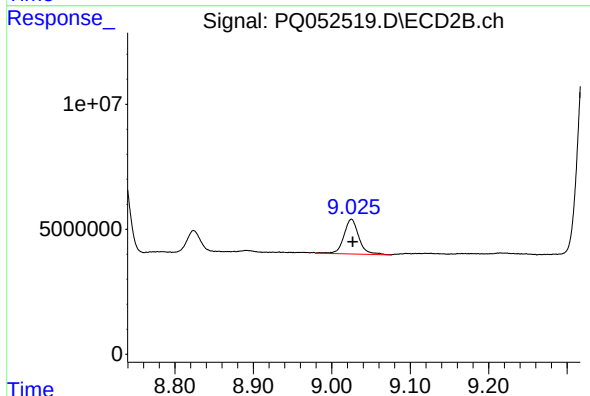
R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 50805088
Conc: 49.41 ng/ml



#40 AR-1262-5

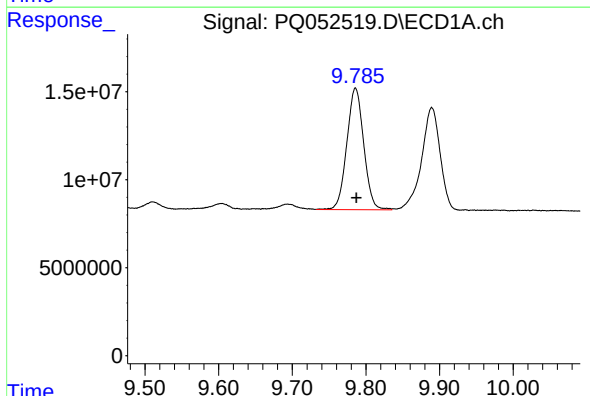
R.T.: 10.602 min
Delta R.T.: 0.000 min
Response: 41324114
Conc: 41.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



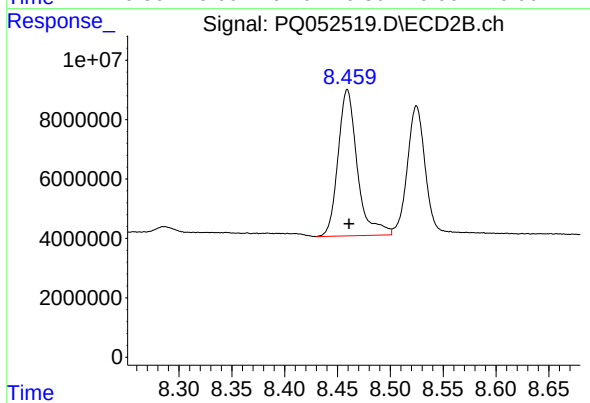
#40 AR-1262-5

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 18308378
Conc: 38.80 ng/ml



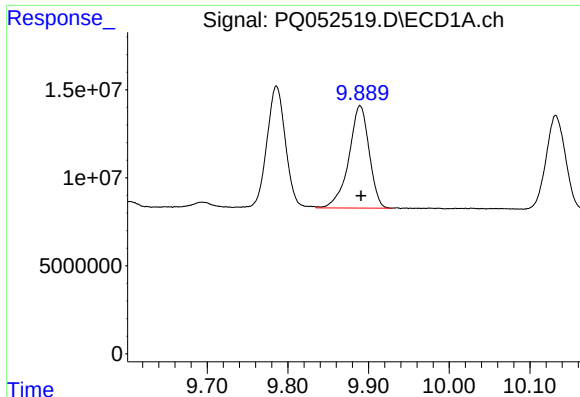
#41 AR-1268-1

R.T.: 9.786 min
Delta R.T.: -0.001 min
Response: 110354224
Conc: 35.22 ng/ml



#41 AR-1268-1

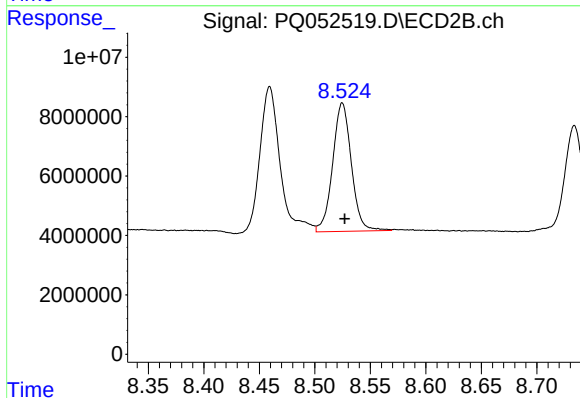
R.T.: 8.459 min
Delta R.T.: -0.001 min
Response: 62651685
Conc: 36.64 ng/ml



#42 AR-1268-2

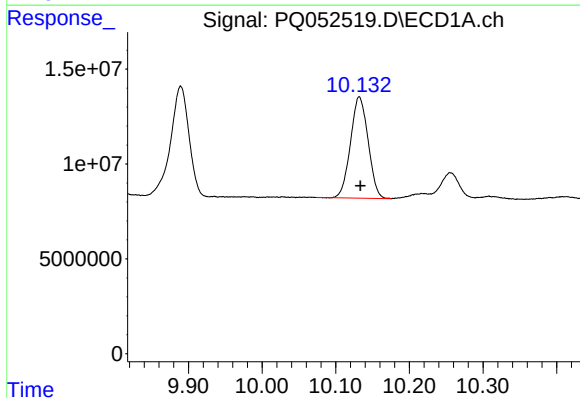
R.T.: 9.890 min
Delta R.T.: -0.001 min
Response: 101861032
Conc: 34.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



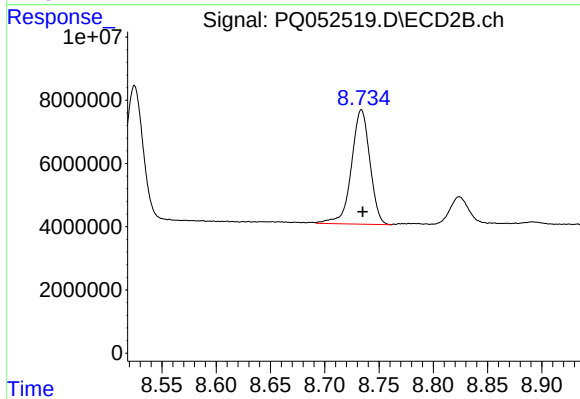
#42 AR-1268-2

R.T.: 8.525 min
Delta R.T.: -0.002 min
Response: 50805088
Conc: 33.75 ng/ml



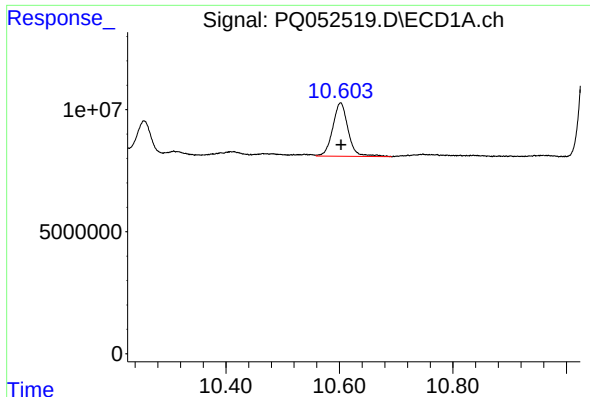
#43 AR-1268-3

R.T.: 10.132 min
Delta R.T.: -0.002 min
Response: 88818497
Conc: 35.03 ng/ml



#43 AR-1268-3

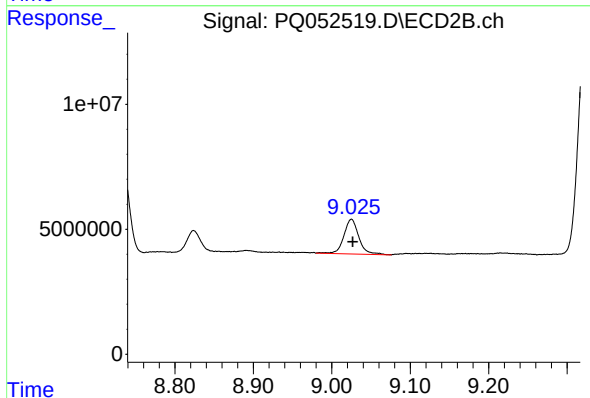
R.T.: 8.734 min
Delta R.T.: -0.001 min
Response: 42824991
Conc: 33.22 ng/ml



#44 AR-1268-4

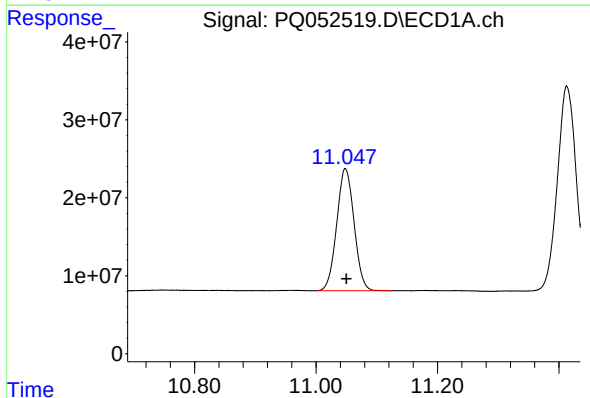
R.T.: 10.602 min
Delta R.T.: 0.000 min
Response: 41324114
Conc: 38.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



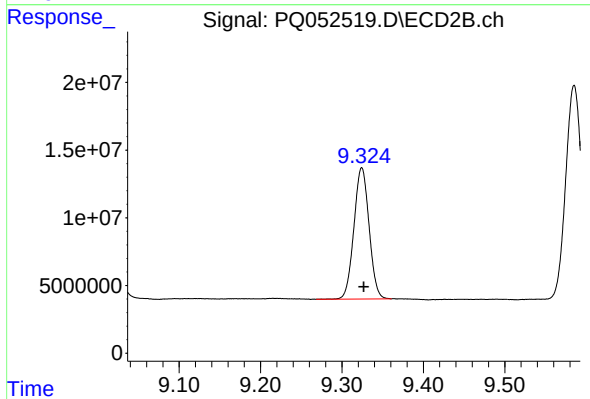
#44 AR-1268-4

R.T.: 9.025 min
Delta R.T.: -0.001 min
Response: 18308378
Conc: 35.77 ng/ml



#45 AR-1268-5

R.T.: 11.048 min
Delta R.T.: -0.002 min
Response: 311240958
Conc: 34.59 ng/ml



#45 AR-1268-5

R.T.: 9.324 min
Delta R.T.: -0.002 min
Response: 125473864
Conc: 32.34 ng/ml