

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 23:04
 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:01:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 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...	5.222	4.236	584.4E6	253.6E6	20.243	19.683
2)	SA Decachlor...	11.409	9.574	647.1E6	305.0E6	21.667	21.484
Target Compounds							
4)	L1 AR-1016-2	6.570	0.000	1274571	0	0.828	N.D. #
5)	L1 AR-1016-3	6.642	0.000	1259772	0	1.376	N.D. #
6)	L1 AR-1016-4	6.747	0.000	3720268	0	5.048	N.D. #
7)	L1 AR-1016-5	7.057	0.000	14627695	0	20.279	N.D. #
8)	L2 AR-1221-1	5.461	0.000	2094926	0	7.180	N.D. #
9)	L2 AR-1221-2	5.579	4.592	19902547	5543273	93.705	55.266 #
10)	L2 AR-1221-3	5.656	4.676	14923298	1895311	21.383	5.812 #
11)	L3 AR-1232-1	5.656	4.676	14923298	1895311	28.961	7.991 #
12)	L3 AR-1232-2	6.243	0.000	22962018	0	82.460	N.D. #
13)	L3 AR-1232-3	6.570	0.000	1274571	0	2.171	N.D. #
14)	L3 AR-1232-4	6.747	0.000	3720268	0	13.630	N.D. #
15)	L3 AR-1232-5	6.837	0.000	3701067	0	18.610	N.D. #
17)	L4 AR-1242-2	6.570	0.000	1274571	0	1.176	N.D. #
18)	L4 AR-1242-3	6.642	0.000	1259772	0	1.940	N.D. #
19)	L4 AR-1242-4	6.747	0.000	3720268	0	7.106	N.D. #
20)	L4 AR-1242-5	7.530	6.367	7391776	1887048	12.663	5.915 #
22)	L5 AR-1248-2	6.837	0.000	3701067	0	4.882	N.D. #
23)	L5 AR-1248-3	7.057	0.000	14627695	0	17.033	N.D. #
24)	L5 AR-1248-4	7.508f	0.000	2991071	0	3.075	N.D. #
25)	L5 AR-1248-5	7.530	0.000	7391776	0	7.561	N.D. #
26)	L6 AR-1254-1	7.455	6.367	19080459	1887048	19.600	2.788 #
27)	L6 AR-1254-2	7.685	6.526	9871105	3884230	6.540	6.239
28)	L6 AR-1254-3	8.070	6.965f	3816556	10742253	2.442	10.820 #
29)	L6 AR-1254-4	8.357	7.190	4048798	651506	3.491	1.049 #
30)	L6 AR-1254-5	8.789	7.614	30213191	12908585	23.464	13.349 #
31)	L7 AR-1260-1	8.233	7.084	31993232	15546012	23.491	19.271
32)	L7 AR-1260-2	8.497	7.280	34324088	19905688	19.974	17.534
33)	L7 AR-1260-3	8.862	7.438	49683268	18801319	41.223	19.708 #
34)	L7 AR-1260-4	9.108	7.919	39090982	24836566	30.693	34.181
35)	L7 AR-1260-5	9.451	8.164	82672265	51058624	30.077	26.656
36)	L8 AR-1262-1	8.862	7.614	49683268	12908585	28.693	26.932
37)	L8 AR-1262-2	9.451	8.164	82672265	51058624	27.288	24.931
38)	L8 AR-1262-3	9.783	8.451	42373214	23235753	20.621	27.586 #
39)	L8 AR-1262-4	9.882	8.515	47687579	37895834	27.937	26.704
40)	L8 AR-1262-5	10.598	9.018	33922955	15728702	29.802	25.511
41)	L9 AR-1268-1	9.783	8.451	42373214	23235753	12.052	10.029
42)	L9 AR-1268-2	9.882	8.515	47687579	37895834	14.281	19.485 #
43)	L9 AR-1268-3	10.125	8.726	3591552	2073552	1.225	1.216
44)	L9 AR-1268-4	10.598	9.018	33922955	15728702	29.432	24.562

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 QLast Update : Fri May 14 03:47:40 2021
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 Integrator: ChemStation

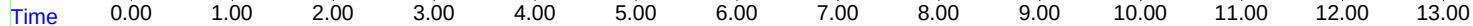
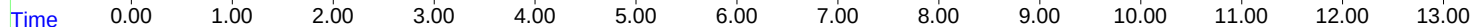
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

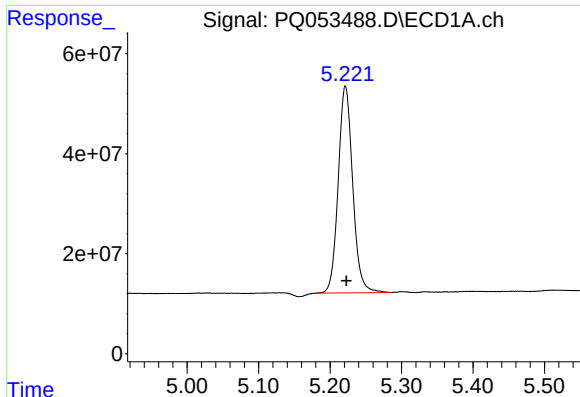
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	11.046	9.315	17549135	7348935	1.878	1.518

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

Instrument :
ECD_Q
ClientSampleId :

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

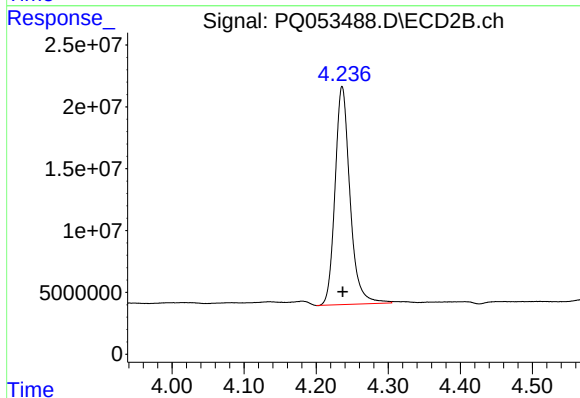




#1 Tetrachloro-m-xylene

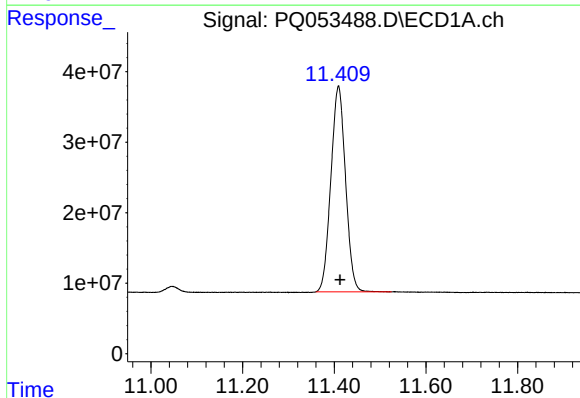
R.T.: 5.222 min
Delta R.T.: -0.001 min
Response: 584428410
Conc: 20.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



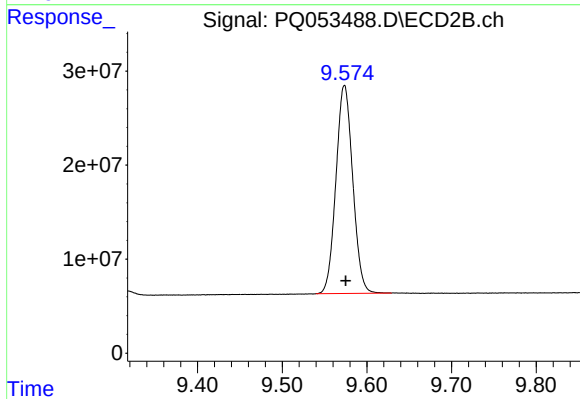
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 253611377
Conc: 19.68 ng/ml



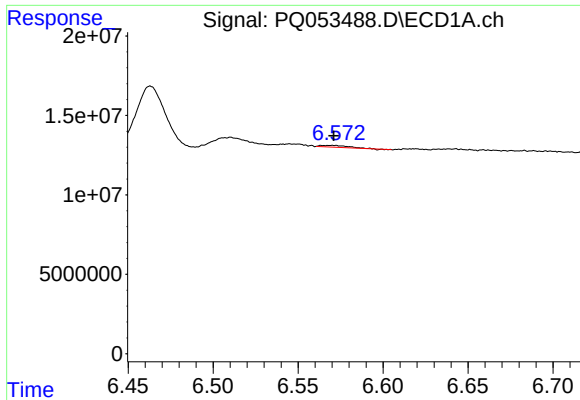
#2 Decachlorobiphenyl

R.T.: 11.409 min
Delta R.T.: -0.003 min
Response: 647123671
Conc: 21.67 ng/ml



#2 Decachlorobiphenyl

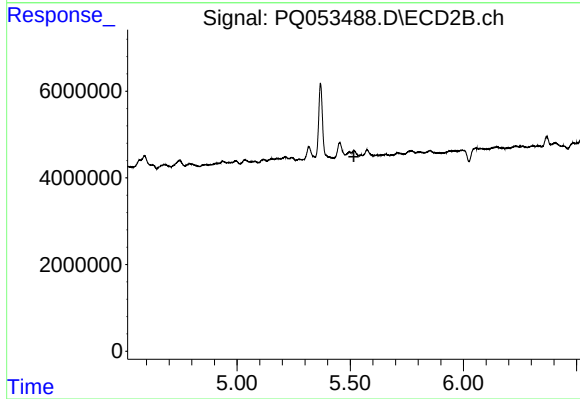
R.T.: 9.574 min
Delta R.T.: -0.001 min
Response: 305030145
Conc: 21.48 ng/ml



#4 AR-1016-2

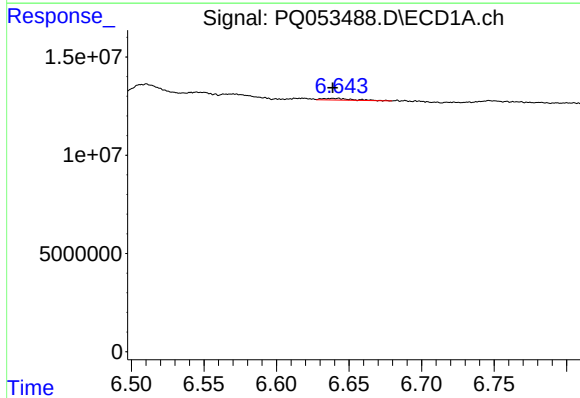
R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 1274571
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



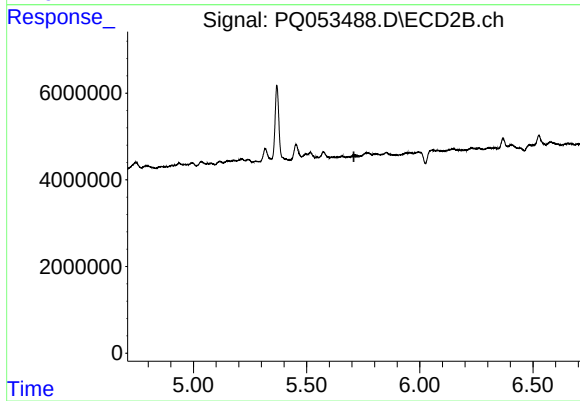
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.516 min
Response: 0
Conc: N.D.



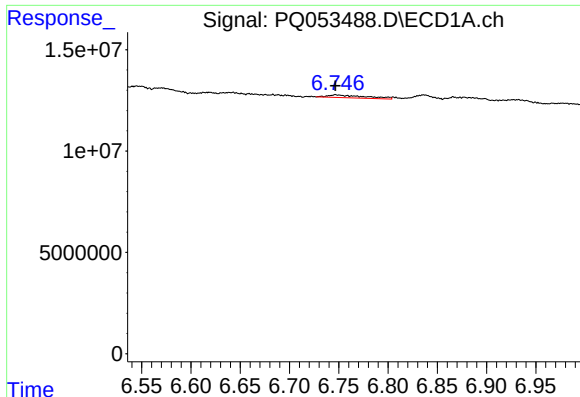
#5 AR-1016-3

R.T.: 6.642 min
Delta R.T.: 0.003 min
Response: 1259772
Conc: 1.38 ng/ml



#5 AR-1016-3

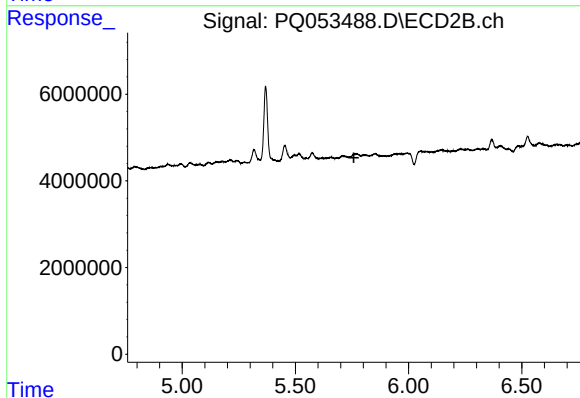
R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



#6 AR-1016-4

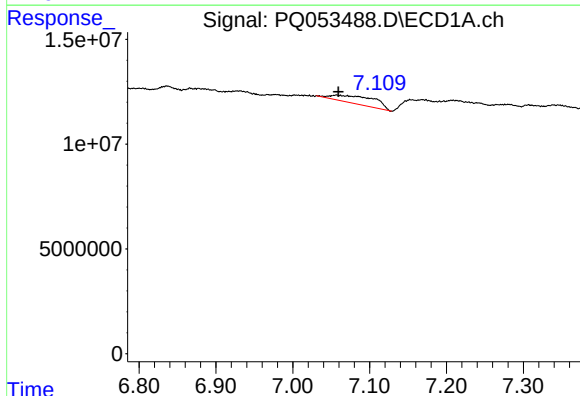
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3720268
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



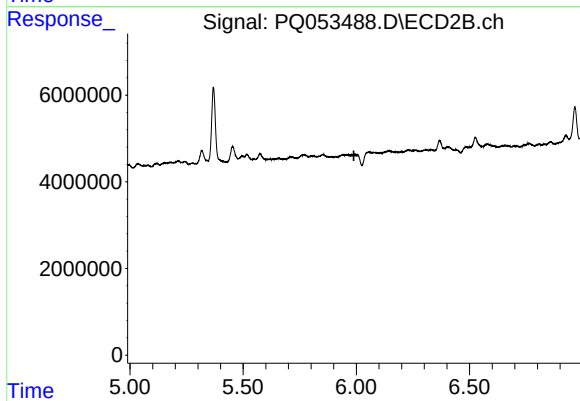
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



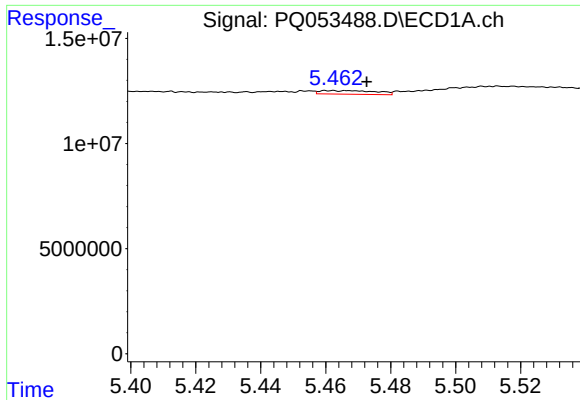
#7 AR-1016-5

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 14627695
Conc: 20.28 ng/ml



#7 AR-1016-5

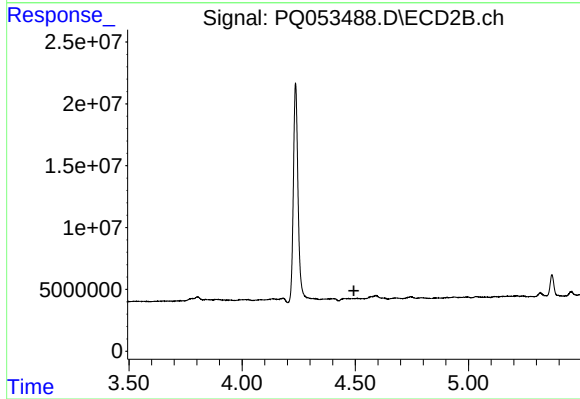
R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



#8 AR-1221-1

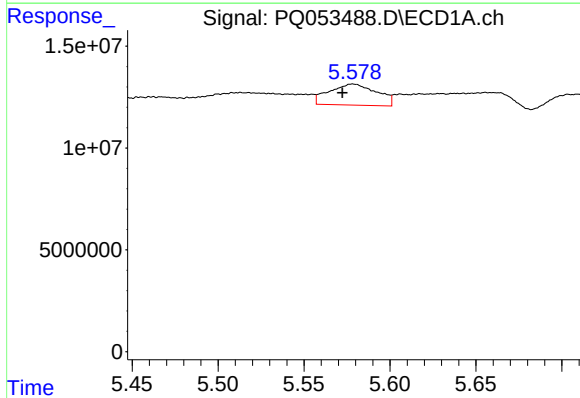
R.T.: 5.461 min
Delta R.T.: -0.011 min
Response: 2094926
Conc: 7.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



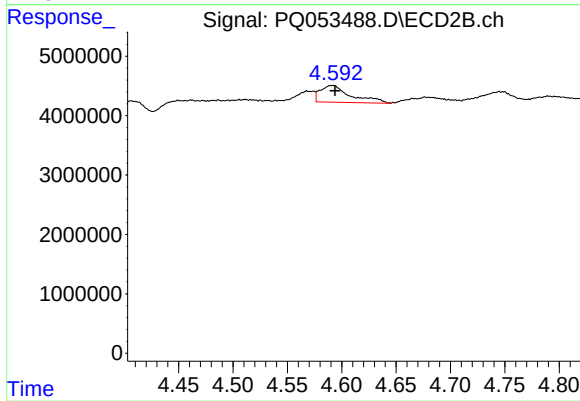
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.494 min
Response: 0
Conc: N.D.



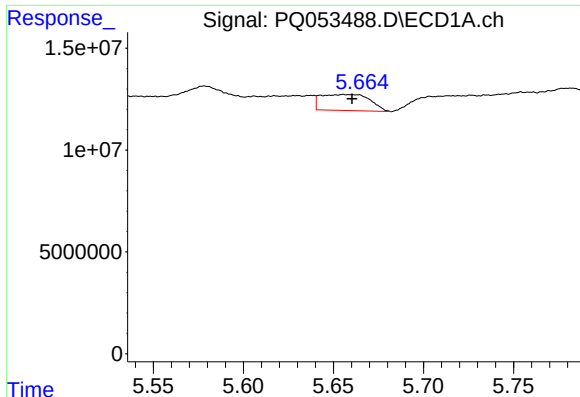
#9 AR-1221-2

R.T.: 5.579 min
Delta R.T.: 0.006 min
Response: 19902547
Conc: 93.71 ng/ml



#9 AR-1221-2

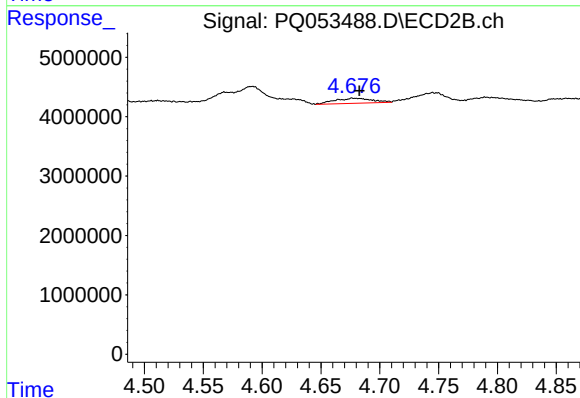
R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 5543273
Conc: 55.27 ng/ml



#10 AR-1221-3

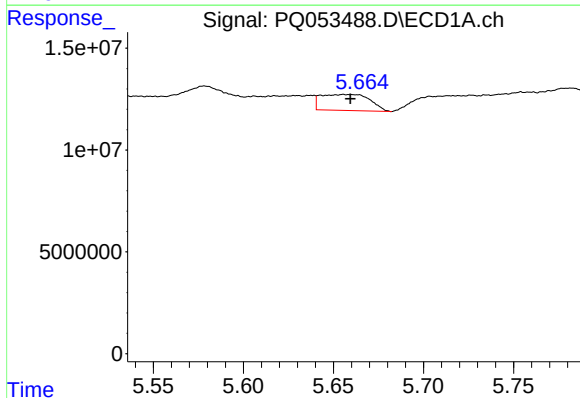
R.T.: 5.656 min
Delta R.T.: -0.005 min
Response: 14923298
Conc: 21.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



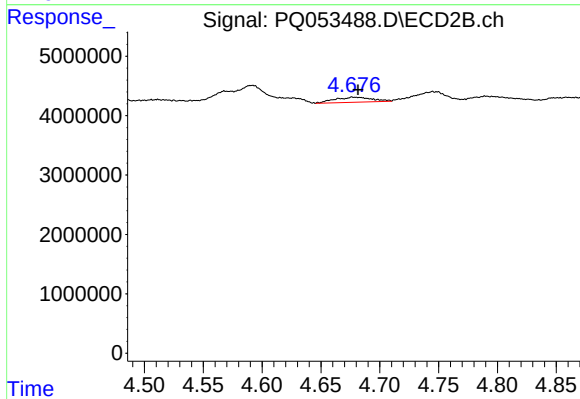
#10 AR-1221-3

R.T.: 4.676 min
Delta R.T.: -0.006 min
Response: 1895311
Conc: 5.81 ng/ml



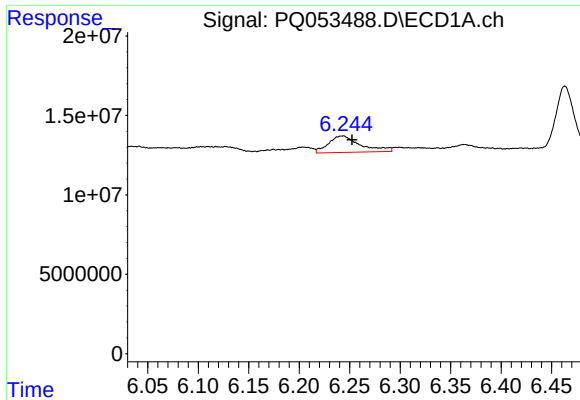
#11 AR-1232-1

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 14923298
Conc: 28.96 ng/ml



#11 AR-1232-1

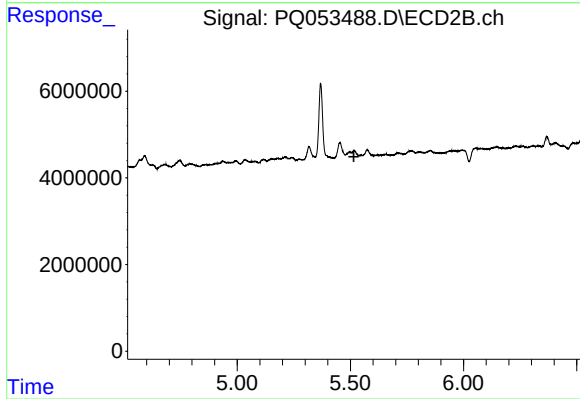
R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 1895311
Conc: 7.99 ng/ml



#12 AR-1232-2

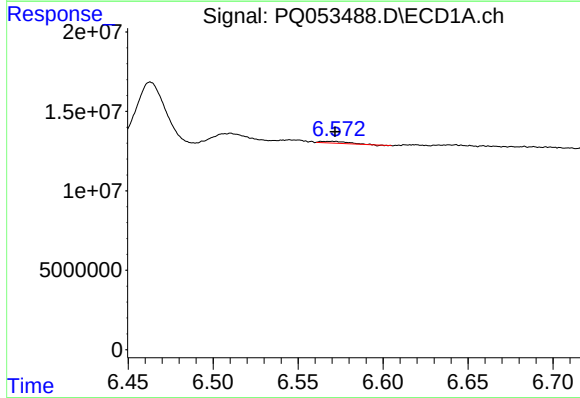
R.T.: 6.243 min
Delta R.T.: -0.009 min
Response: 22962018
Conc: 82.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



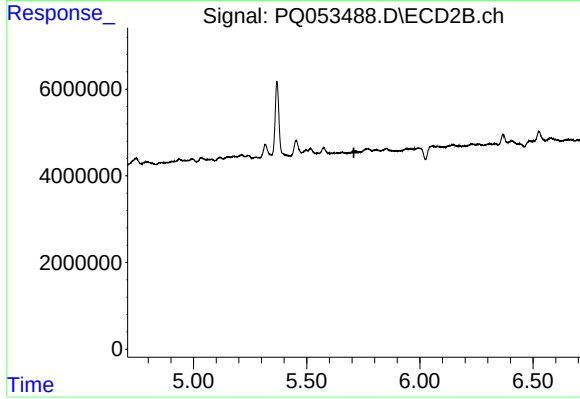
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



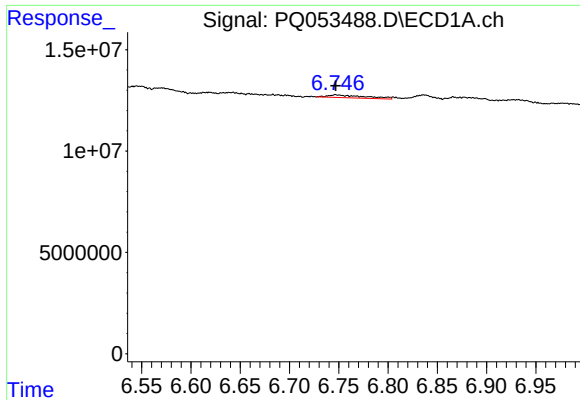
#13 AR-1232-3

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 1274571
Conc: 2.17 ng/ml



#13 AR-1232-3

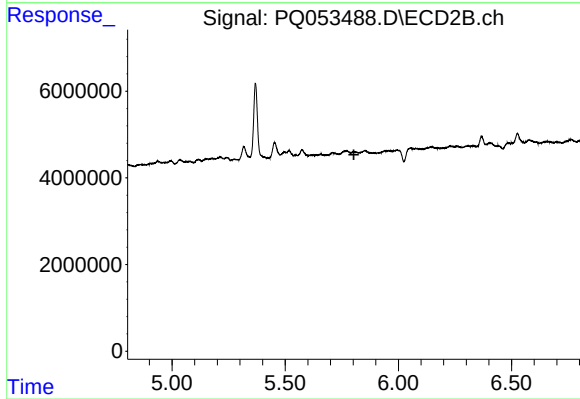
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#14 AR-1232-4

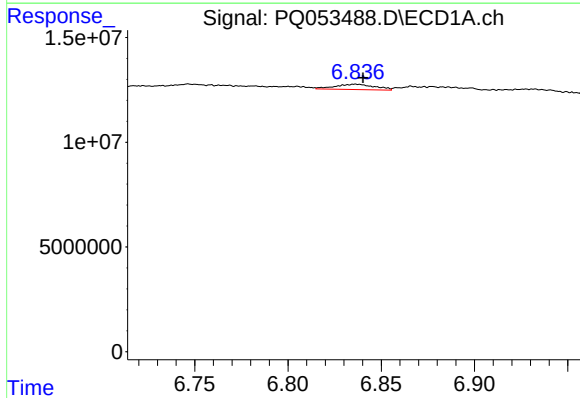
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3720268
Conc: 13.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



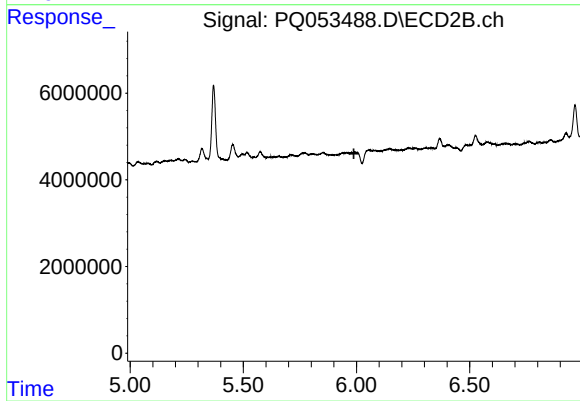
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



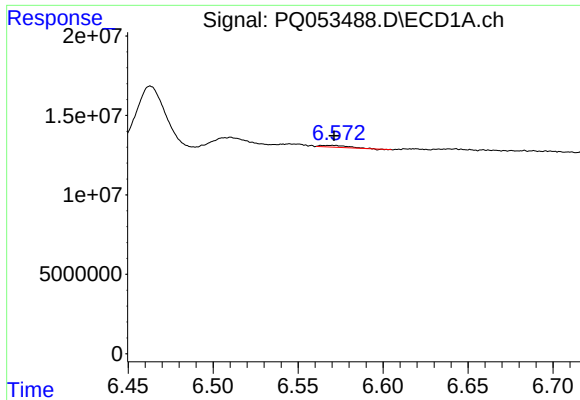
#15 AR-1232-5

R.T.: 6.837 min
Delta R.T.: -0.004 min
Response: 3701067
Conc: 18.61 ng/ml



#15 AR-1232-5

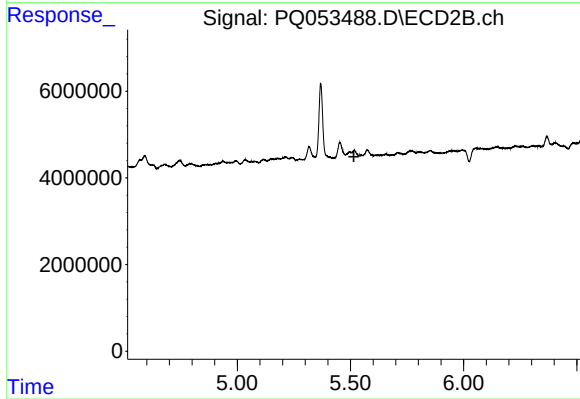
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



#17 AR-1242-2

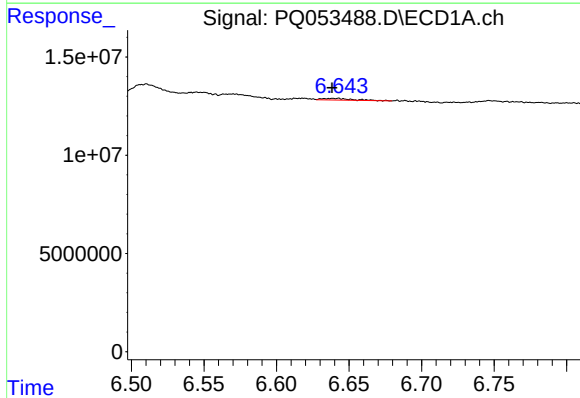
R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 1274571
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



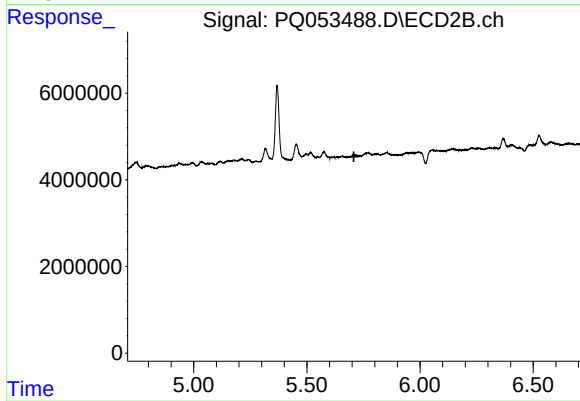
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



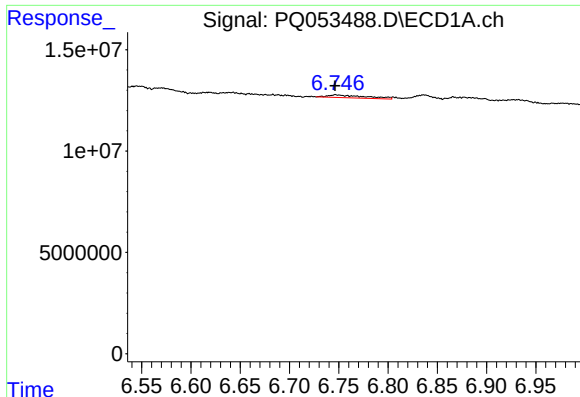
#18 AR-1242-3

R.T.: 6.642 min
Delta R.T.: 0.004 min
Response: 1259772
Conc: 1.94 ng/ml



#18 AR-1242-3

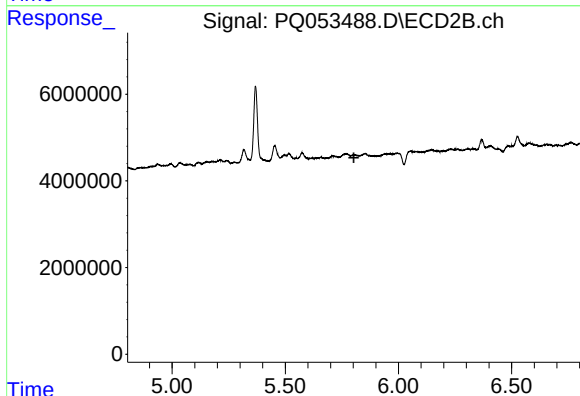
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

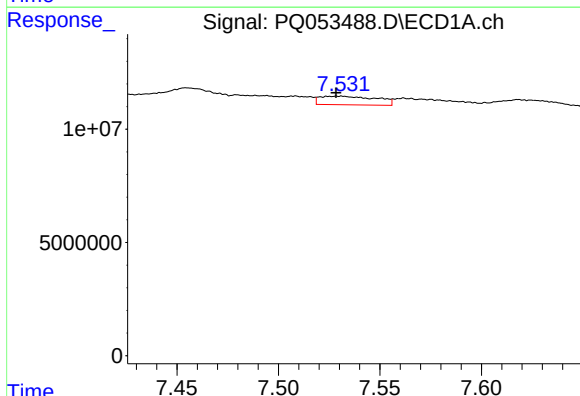
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3720268
Conc: 7.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



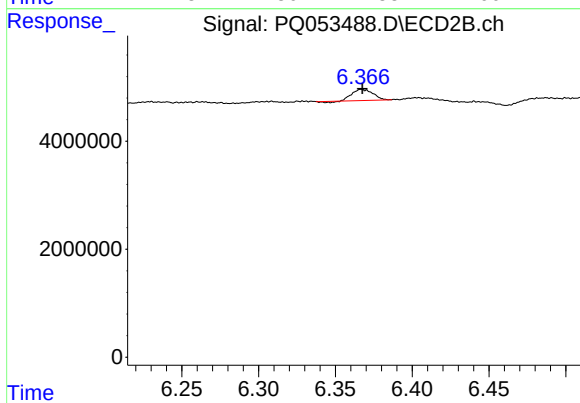
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



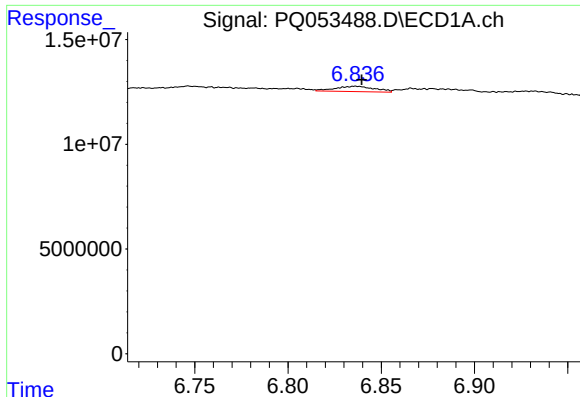
#20 AR-1242-5

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 7391776
Conc: 12.66 ng/ml



#20 AR-1242-5

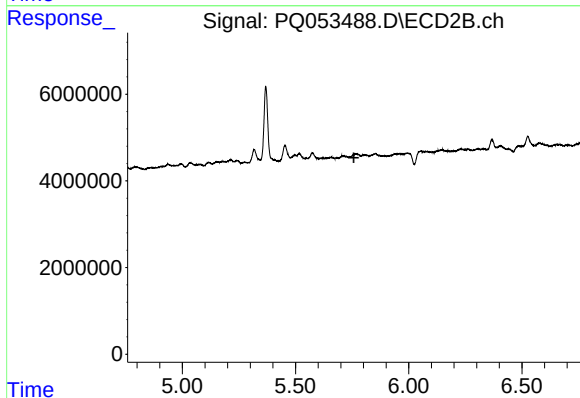
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 1887048
Conc: 5.92 ng/ml



#22 AR-1248-2

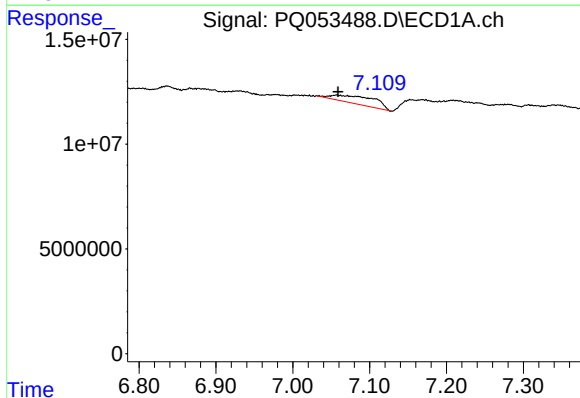
R.T.: 6.837 min
Delta R.T.: -0.003 min
Response: 3701067
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



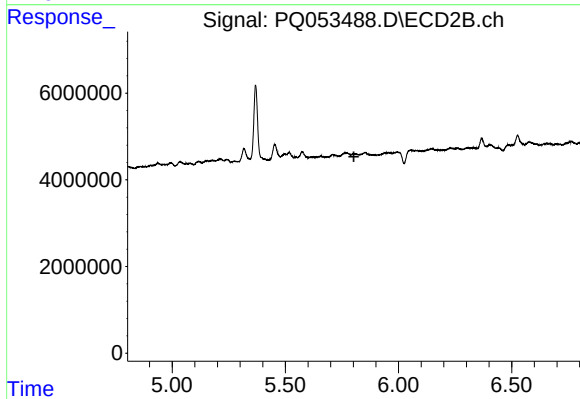
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



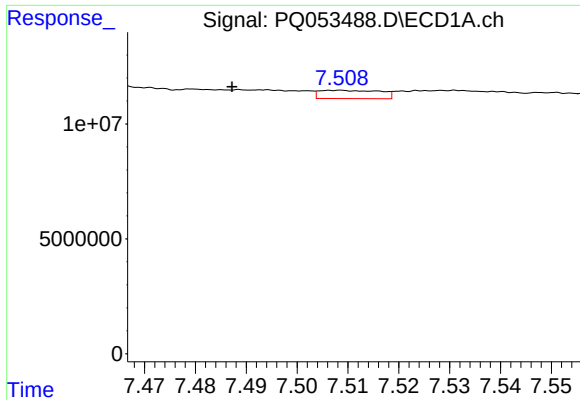
#23 AR-1248-3

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 14627695
Conc: 17.03 ng/ml



#23 AR-1248-3

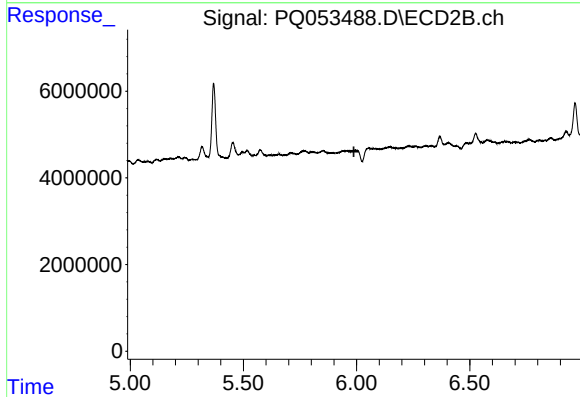
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#24 AR-1248-4

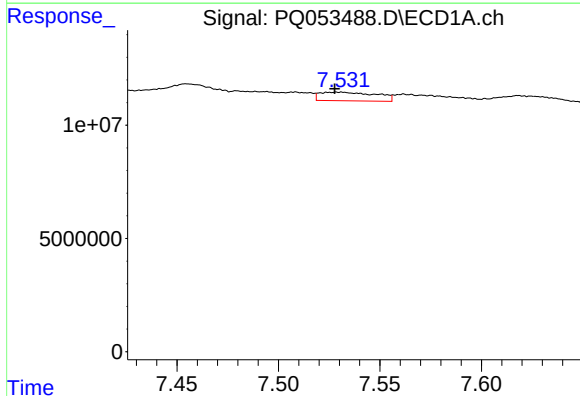
R.T.: 7.508 min
Delta R.T.: 0.021 min
Response: 2991071
Conc: 3.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



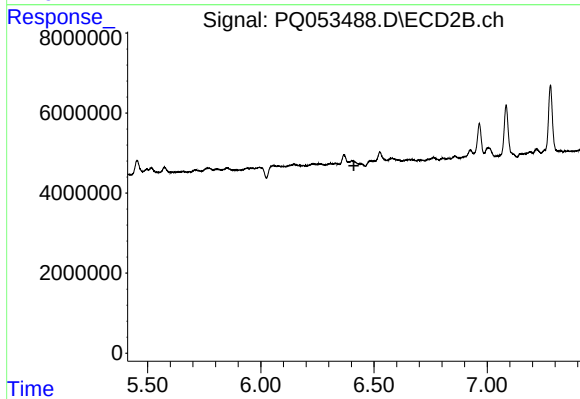
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



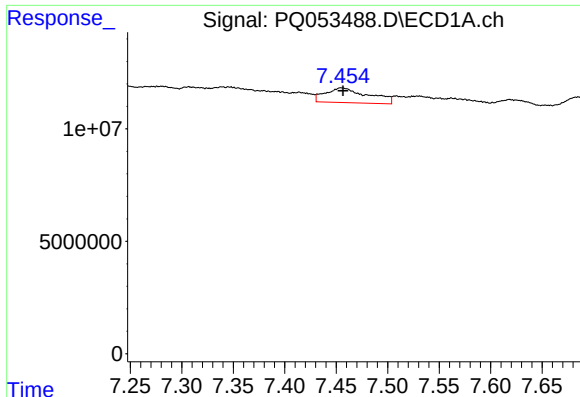
#25 AR-1248-5

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 7391776
Conc: 7.56 ng/ml



#25 AR-1248-5

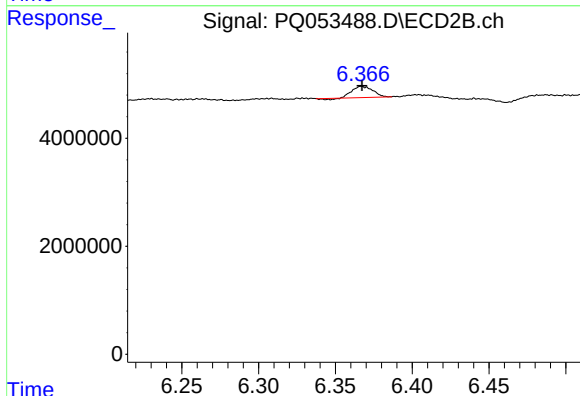
R.T.: 0.000 min
Exp R.T. : 6.411 min
Response: 0
Conc: N.D.



#26 AR-1254-1

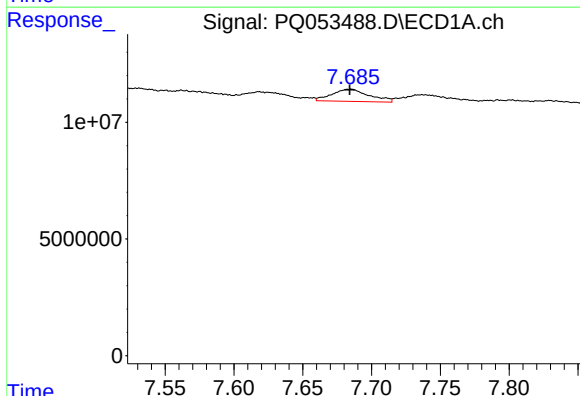
R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 19080459
Conc: 19.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



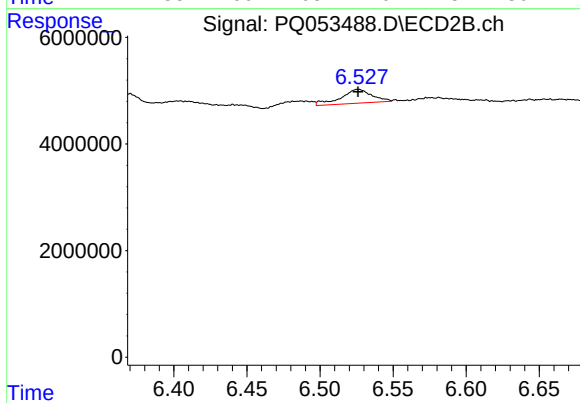
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 1887048
Conc: 2.79 ng/ml



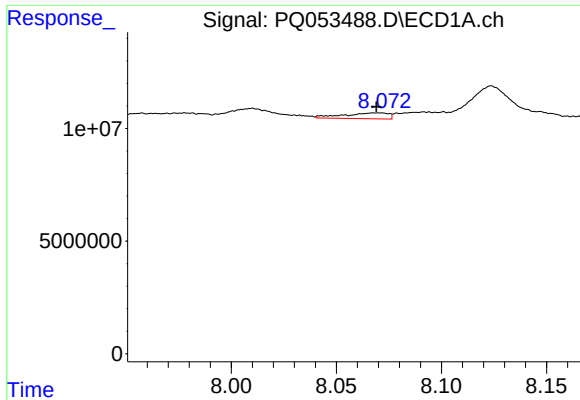
#27 AR-1254-2

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 9871105
Conc: 6.54 ng/ml



#27 AR-1254-2

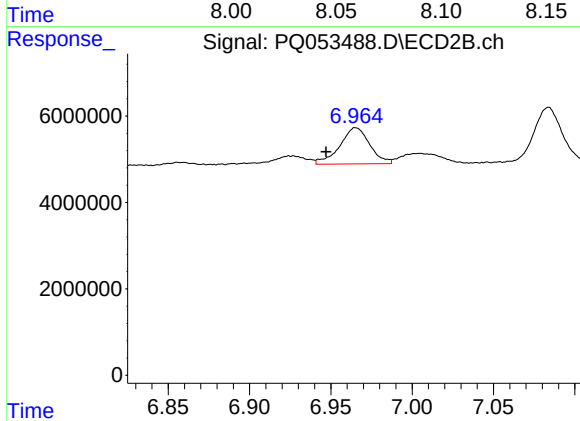
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 3884230
Conc: 6.24 ng/ml



#28 AR-1254-3

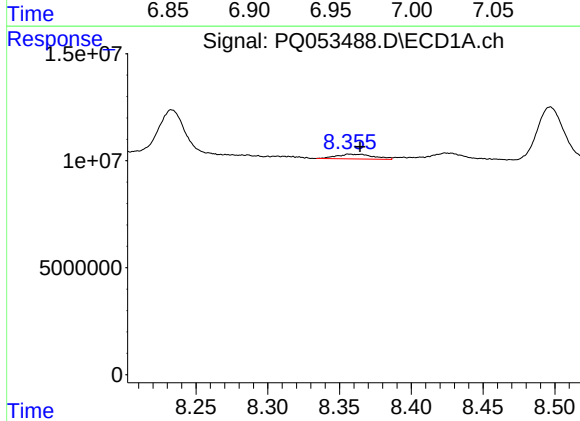
R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 3816556
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



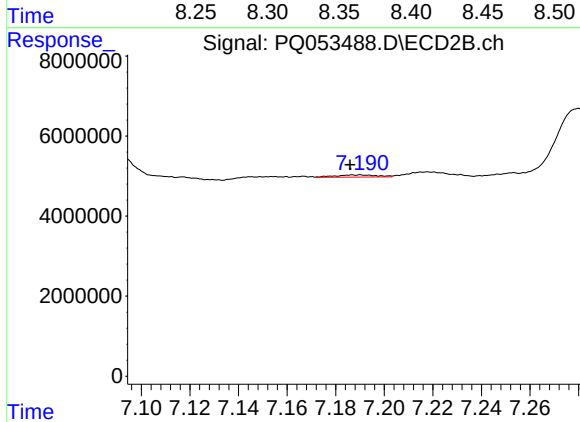
#28 AR-1254-3

R.T.: 6.965 min
Delta R.T.: 0.018 min
Response: 10742253
Conc: 10.82 ng/ml



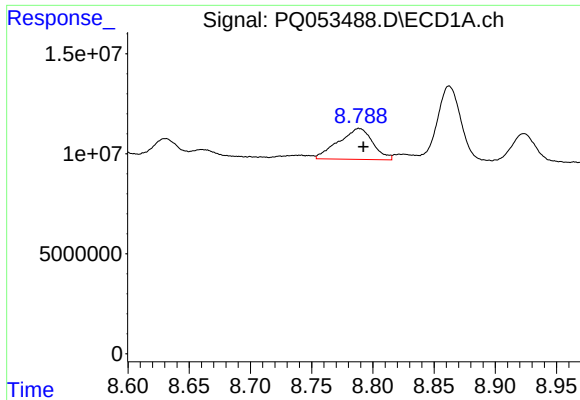
#29 AR-1254-4

R.T.: 8.357 min
Delta R.T.: -0.007 min
Response: 4048798
Conc: 3.49 ng/ml



#29 AR-1254-4

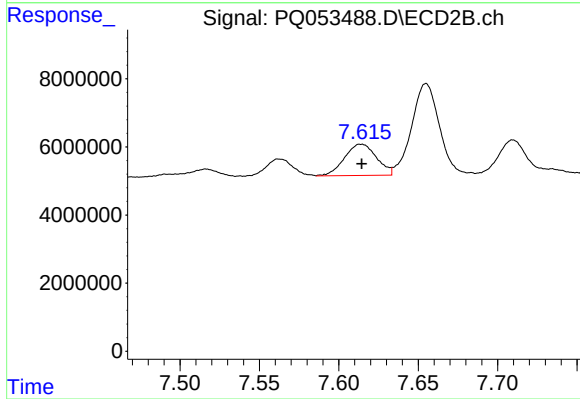
R.T.: 7.190 min
Delta R.T.: 0.004 min
Response: 651506
Conc: 1.05 ng/ml



#30 AR-1254-5

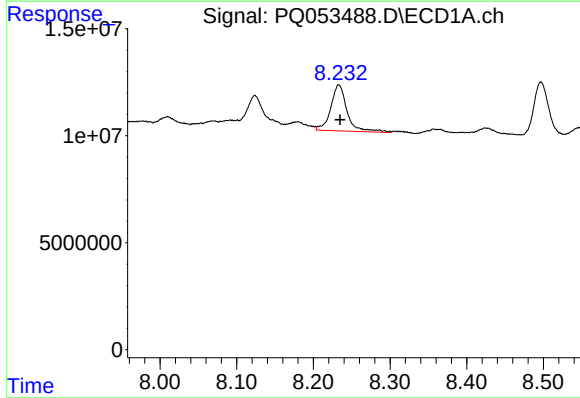
R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 30213191
Conc: 23.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



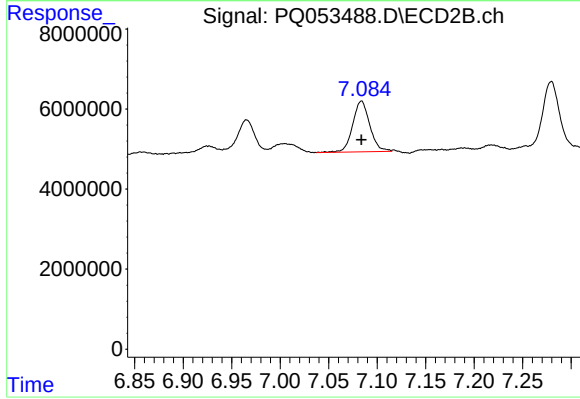
#30 AR-1254-5

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 12908585
Conc: 13.35 ng/ml



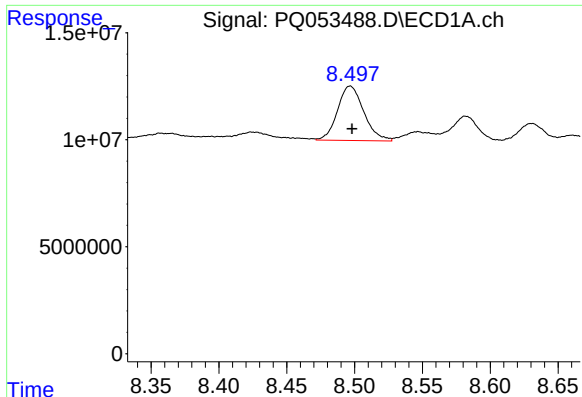
#31 AR-1260-1

R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 31993232
Conc: 23.49 ng/ml



#31 AR-1260-1

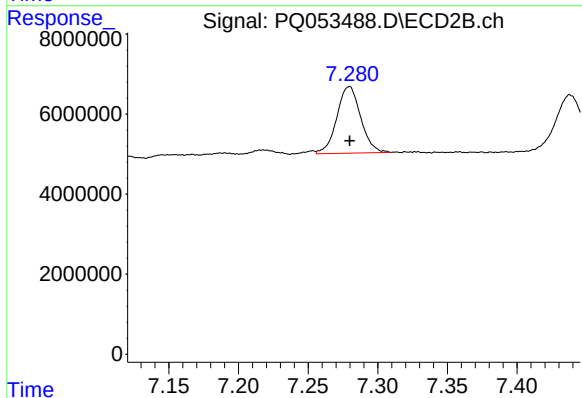
R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 15546012
Conc: 19.27 ng/ml



#32 AR-1260-2

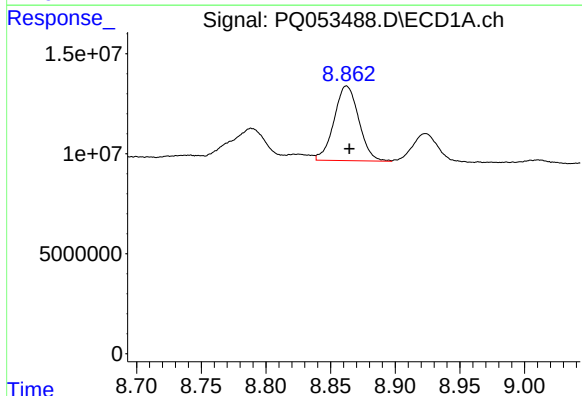
R.T.: 8.497 min
Delta R.T.: -0.001 min
Response: 34324088
Conc: 19.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



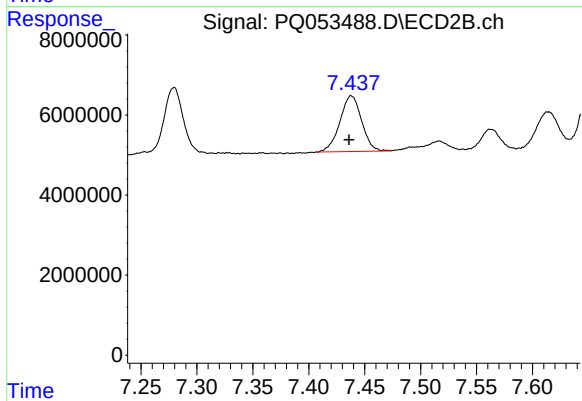
#32 AR-1260-2

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 19905688
Conc: 17.53 ng/ml



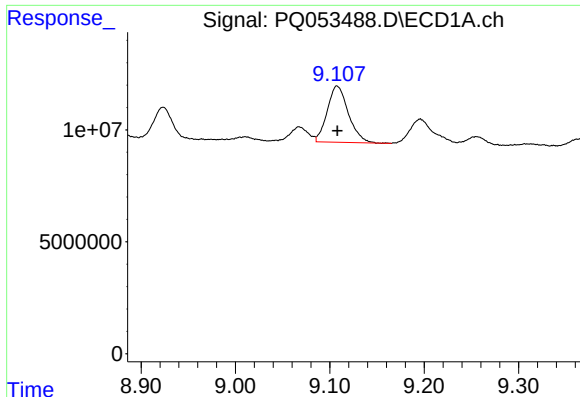
#33 AR-1260-3

R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 49683268
Conc: 41.22 ng/ml



#33 AR-1260-3

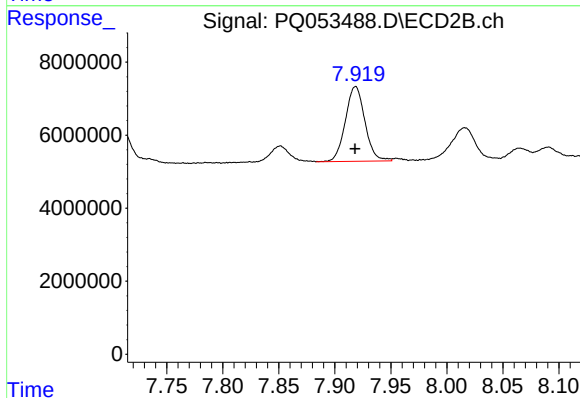
R.T.: 7.438 min
Delta R.T.: 0.002 min
Response: 18801319
Conc: 19.71 ng/ml



#34 AR-1260-4

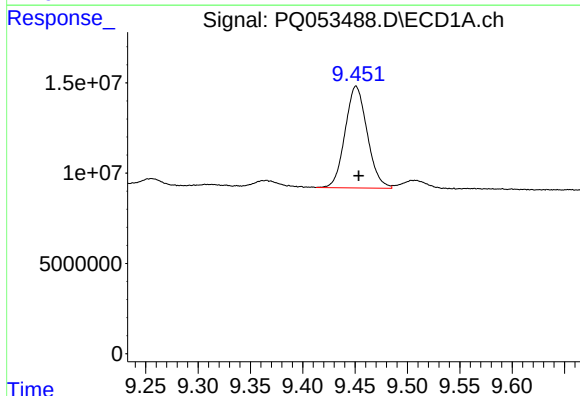
R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 39090982
Conc: 30.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



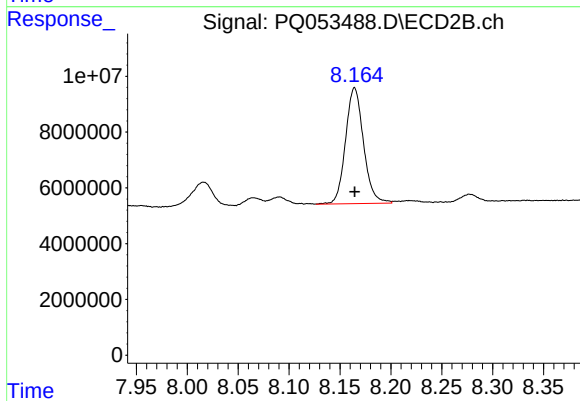
#34 AR-1260-4

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 24836566
Conc: 34.18 ng/ml



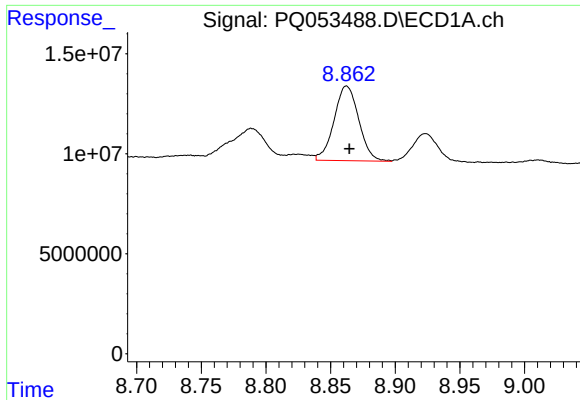
#35 AR-1260-5

R.T.: 9.451 min
Delta R.T.: -0.003 min
Response: 82672265
Conc: 30.08 ng/ml



#35 AR-1260-5

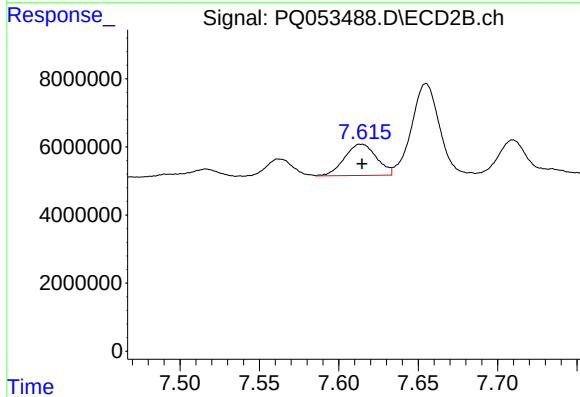
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 51058624
Conc: 26.66 ng/ml



#36 AR-1262-1

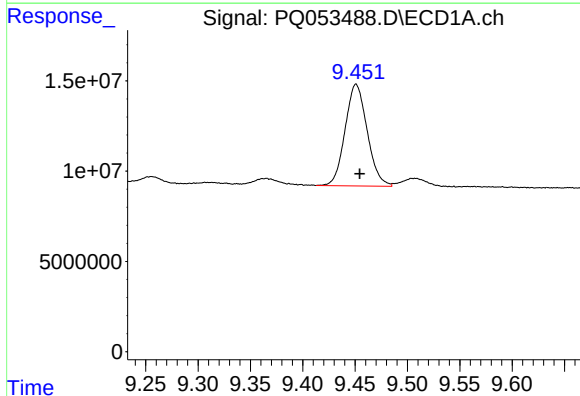
R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 49683268
Conc: 28.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



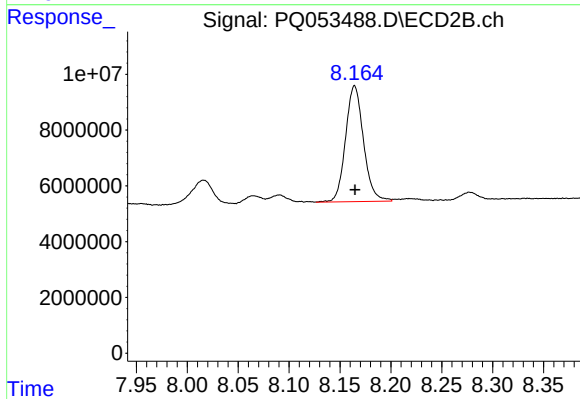
#36 AR-1262-1

R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 12908585
Conc: 26.93 ng/ml



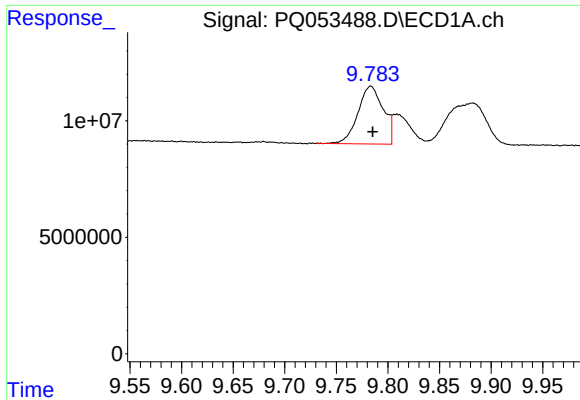
#37 AR-1262-2

R.T.: 9.451 min
Delta R.T.: -0.004 min
Response: 82672265
Conc: 27.29 ng/ml



#37 AR-1262-2

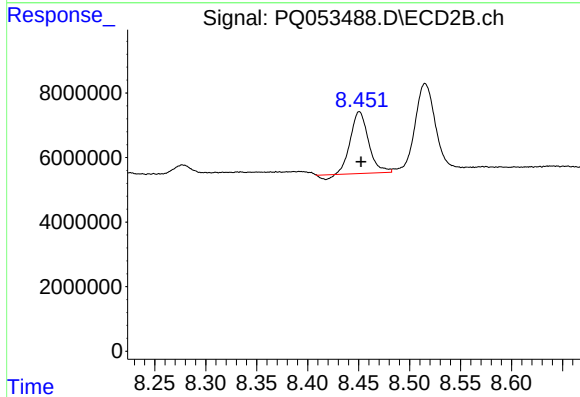
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 51058624
Conc: 24.93 ng/ml



#38 AR-1262-3

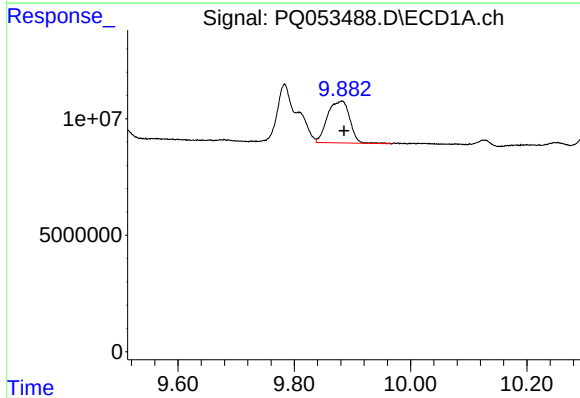
R.T.: 9.783 min
Delta R.T.: -0.002 min
Response: 42373214
Conc: 20.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



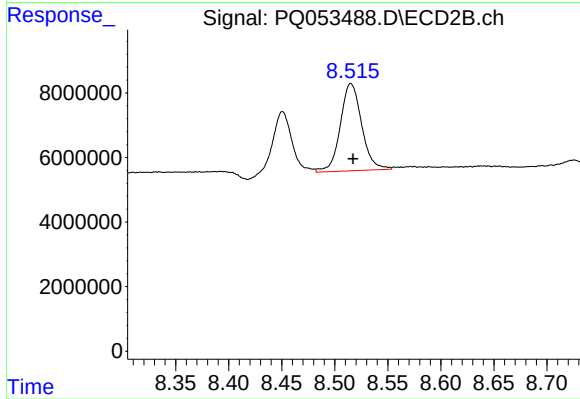
#38 AR-1262-3

R.T.: 8.451 min
Delta R.T.: -0.001 min
Response: 23235753
Conc: 27.59 ng/ml



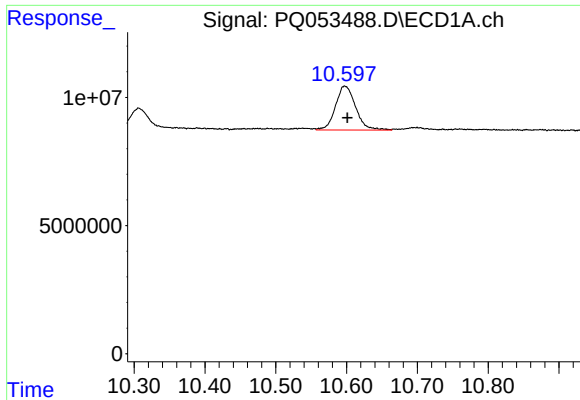
#39 AR-1262-4

R.T.: 9.882 min
Delta R.T.: -0.003 min
Response: 47687579
Conc: 27.94 ng/ml



#39 AR-1262-4

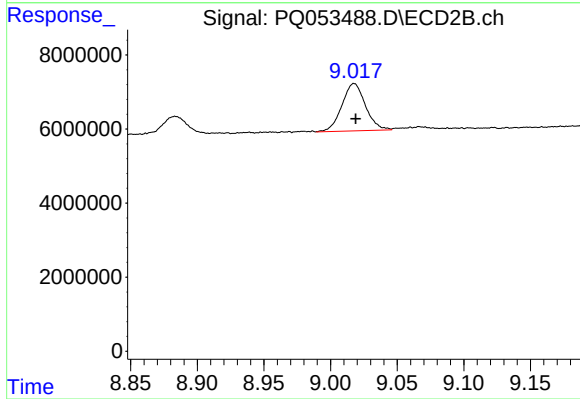
R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 37895834
Conc: 26.70 ng/ml



#40 AR-1262-5

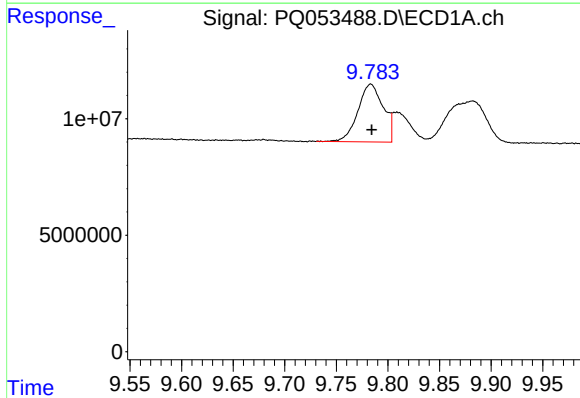
R.T.: 10.598 min
Delta R.T.: -0.004 min
Response: 33922955
Conc: 29.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



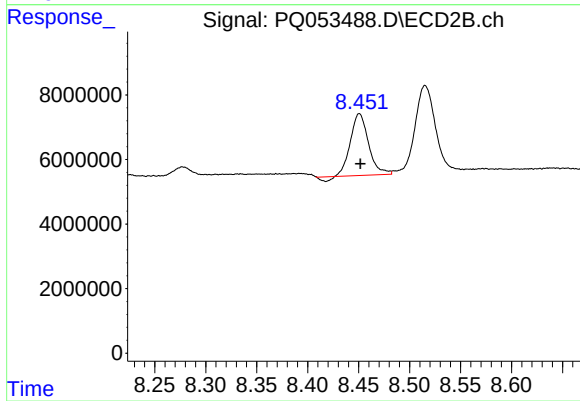
#40 AR-1262-5

R.T.: 9.018 min
Delta R.T.: -0.001 min
Response: 15728702
Conc: 25.51 ng/ml



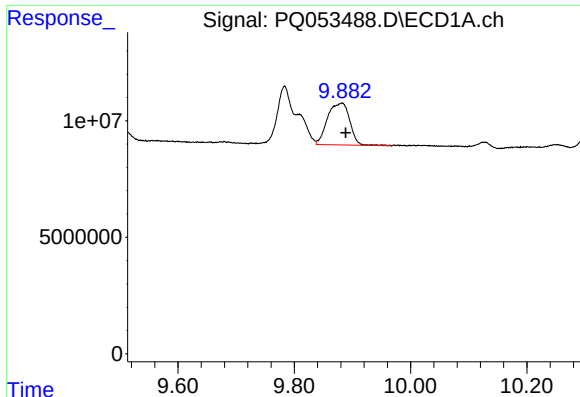
#41 AR-1268-1

R.T.: 9.783 min
Delta R.T.: 0.000 min
Response: 42373214
Conc: 12.05 ng/ml



#41 AR-1268-1

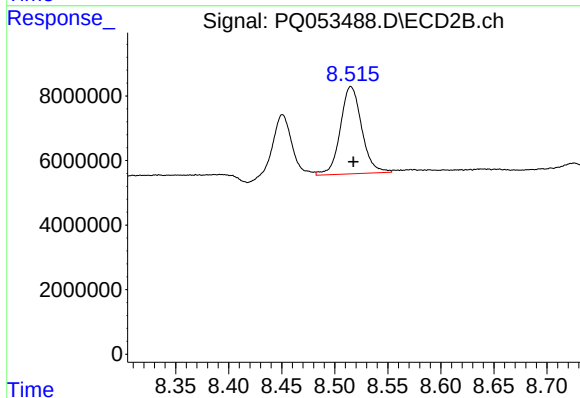
R.T.: 8.451 min
Delta R.T.: -0.001 min
Response: 23235753
Conc: 10.03 ng/ml



#42 AR-1268-2

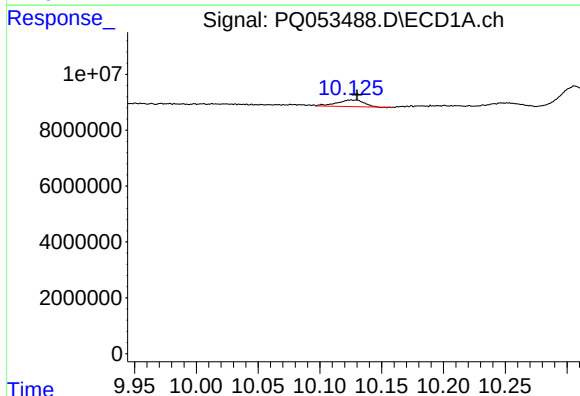
R.T.: 9.882 min
Delta R.T.: -0.006 min
Response: 47687579
Conc: 14.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



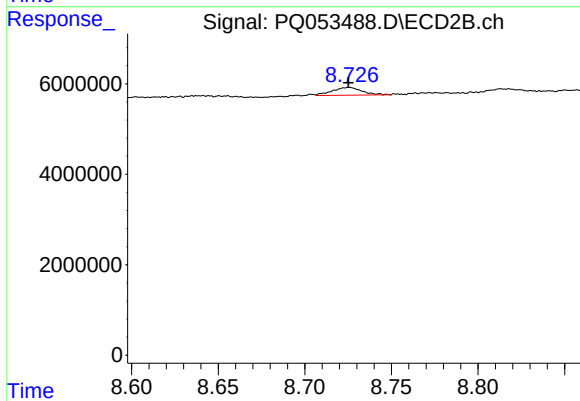
#42 AR-1268-2

R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 37895834
Conc: 19.49 ng/ml



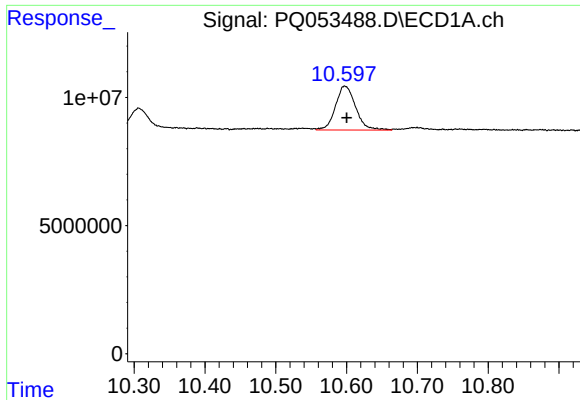
#43 AR-1268-3

R.T.: 10.125 min
Delta R.T.: -0.005 min
Response: 3591552
Conc: 1.23 ng/ml



#43 AR-1268-3

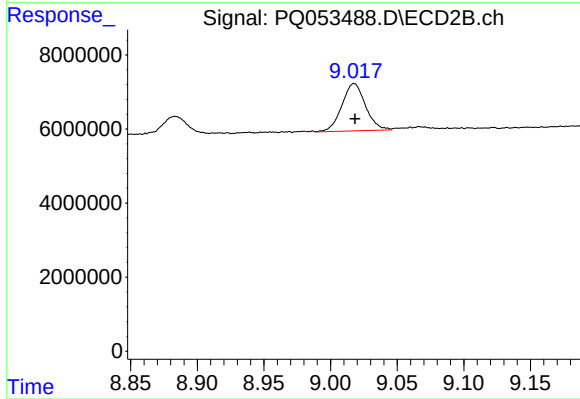
R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 2073552
Conc: 1.22 ng/ml



#44 AR-1268-4

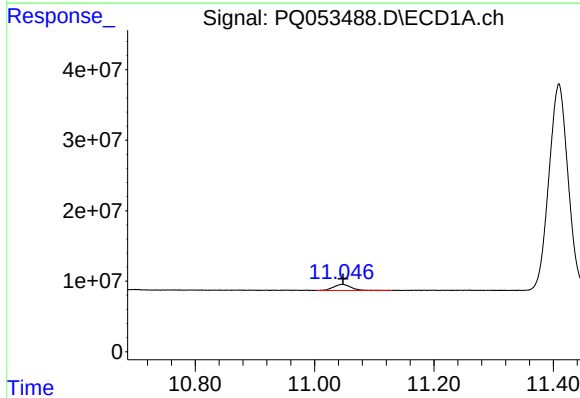
R.T.: 10.598 min
Delta R.T.: -0.003 min
Response: 33922955
Conc: 29.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



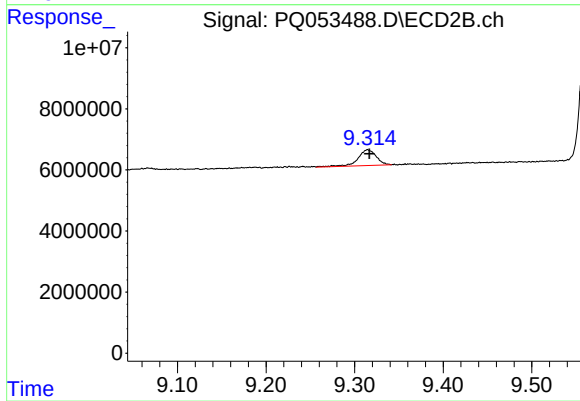
#44 AR-1268-4

R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 15728702
Conc: 24.56 ng/ml



#45 AR-1268-5

R.T.: 11.046 min
Delta R.T.: -0.002 min
Response: 17549135
Conc: 1.88 ng/ml



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 7348935
Conc: 1.52 ng/ml