

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042121\
 Data File : PQ053107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 11:54
 Operator : DD\AJ
 Sample : M2084-06
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 07:28:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 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...	5.222	4.238	418.6E6	165.7E6	14.919	14.247
2)	SA Decachlor...	11.412	9.580	622.2E6	265.5E6	21.999	21.329
Target Compounds							
3)	L1 AR-1016-1	6.497f	0.000	24809901	0	25.464	N.D. #
5)	L1 AR-1016-3	6.675f	5.705	10652502	2589169	12.117	7.851 #
6)	L1 AR-1016-4	0.000	5.766	0	1933373	N.D.	7.417 #
7)	L1 AR-1016-5	7.035	5.985	4006613	5595934	5.801	16.838 #
8)	L2 AR-1221-1	5.489	0.000	17468237	0	57.436	N.D. #
9)	L2 AR-1221-2	5.576	4.591	5109367	3506518	24.762	39.463 #
10)	L2 AR-1221-3	5.677	4.691	6042122	3093283	8.704	10.017
11)	L3 AR-1232-1	5.677	4.691	6042122	3093283	11.635	13.551
12)	L3 AR-1232-2	6.282	0.000	33281584	0	118.857	N.D. #
13)	L3 AR-1232-3	0.000	5.705	0	2589169	N.D.	21.170 #
14)	L3 AR-1232-4	0.000	5.812	0	2927996	N.D.	27.966 #
15)	L3 AR-1232-5	0.000	5.985	0	5595934	N.D.	47.709 #
16)	L4 AR-1242-1	6.497f	0.000	24809901	0	27.361	N.D. #
18)	L4 AR-1242-3	6.675f	5.705	10652502	2589169	12.908	8.547 #
19)	L4 AR-1242-4	6.675f	5.812	10652502	2927996	15.549	10.294 #
20)	L4 AR-1242-5	7.483f	0.000	7372116	0	10.106	N.D. #
21)	L5 AR-1248-1	6.497f	0.000	24809901	0	40.095	N.D. #
22)	L5 AR-1248-2	0.000	5.766	0	1933373	N.D.	5.200 #
23)	L5 AR-1248-3	7.035	5.812	4006613	2927996	4.087	7.669 #
24)	L5 AR-1248-4	7.483	5.985	7372116	5595934	6.451	11.970 #
25)	L5 AR-1248-5	7.483f	0.000	7372116	0	6.469	N.D. #
26)	L6 AR-1254-1	7.455	0.000	5109242	0	3.250	N.D. #
27)	L6 AR-1254-2	7.683	6.528	34958271	6691838	14.279	7.016 #
28)	L6 AR-1254-3	8.068	6.950	5240438	24846677	1.991	16.042 #
29)	L6 AR-1254-4	8.366	7.186	16476628	12296230	8.561	11.743 #
30)	L6 AR-1254-5	8.791	7.616	209.7E6	90614058	102.519	62.098 #
31)	L7 AR-1260-1	8.234	7.086	49661408	53518048	43.135	82.585 #
32)	L7 AR-1260-2	8.499	7.281	146.9E6	105.1E6	105.422	113.372
33)	L7 AR-1260-3	8.865	7.438	85453479	29376700	79.811	37.754 #
34)	L7 AR-1260-4	9.108	7.920	97239770	43459758	80.304	64.014
35)	L7 AR-1260-5	9.455	8.167	161.4E6	116.7E6	63.079	63.094
36)	L8 AR-1262-1	8.865	7.616	85453479	90614058	42.725	147.822 #
37)	L8 AR-1262-2	9.455	8.167	161.4E6	116.7E6	43.493	45.937
38)	L8 AR-1262-3	9.789	8.454	38323028	28724434	15.270	28.275 #
39)	L8 AR-1262-4	9.868	8.518	74873756	85742239	37.463	49.770 #
40)	L8 AR-1262-5	10.602	9.022	49483216	25892698	34.912	33.265
41)	L9 AR-1268-1	9.789	8.454	38323028	28724434	8.613	9.808
42)	L9 AR-1268-2	9.868	8.518	74873756	85742239	17.462	34.439 #
43)	L9 AR-1268-3	10.128	8.729	4793940	4225463	1.261	1.949 #

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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
44) L9	AR-1268-4	10.602	9.022	49483216	25892698	32.145	30.354
45) L9	AR-1268-5	11.050	9.321	24876558	7422581	1.931	1.197 #

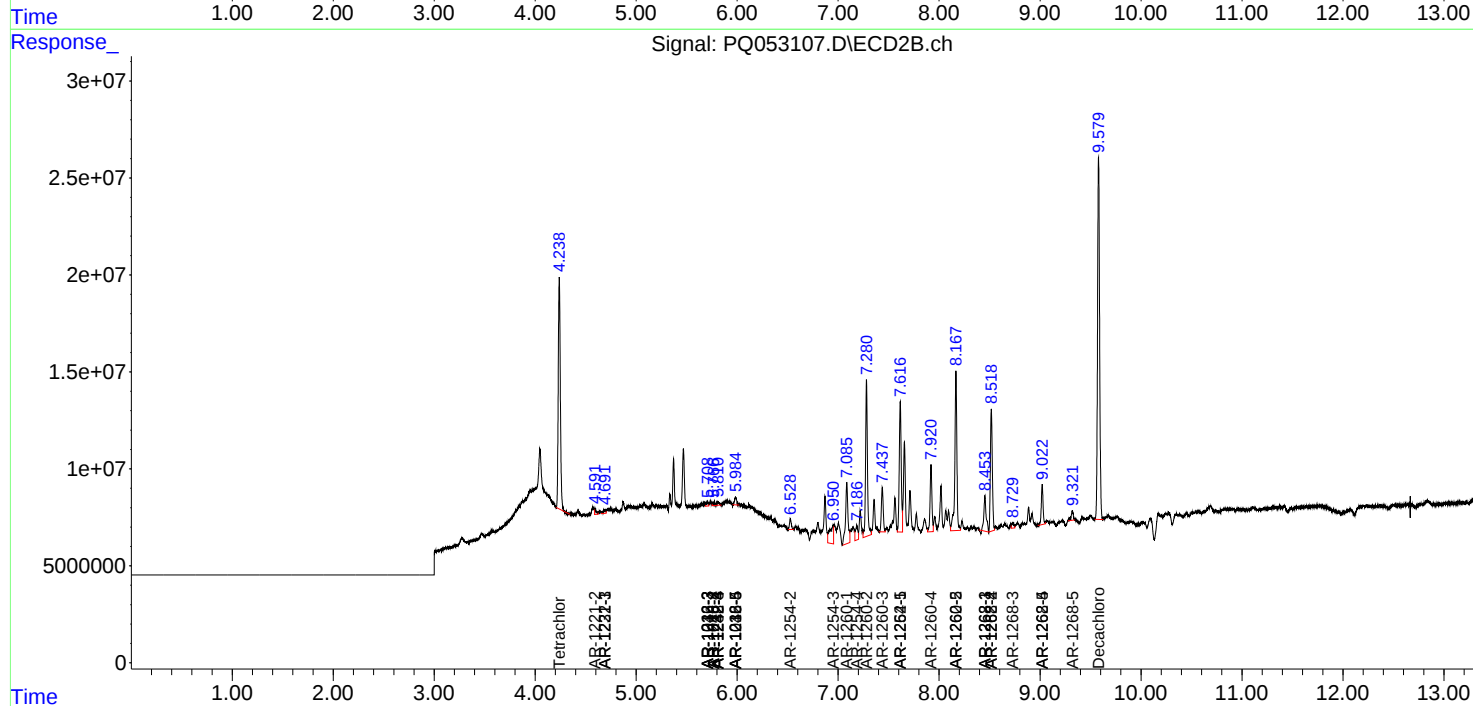
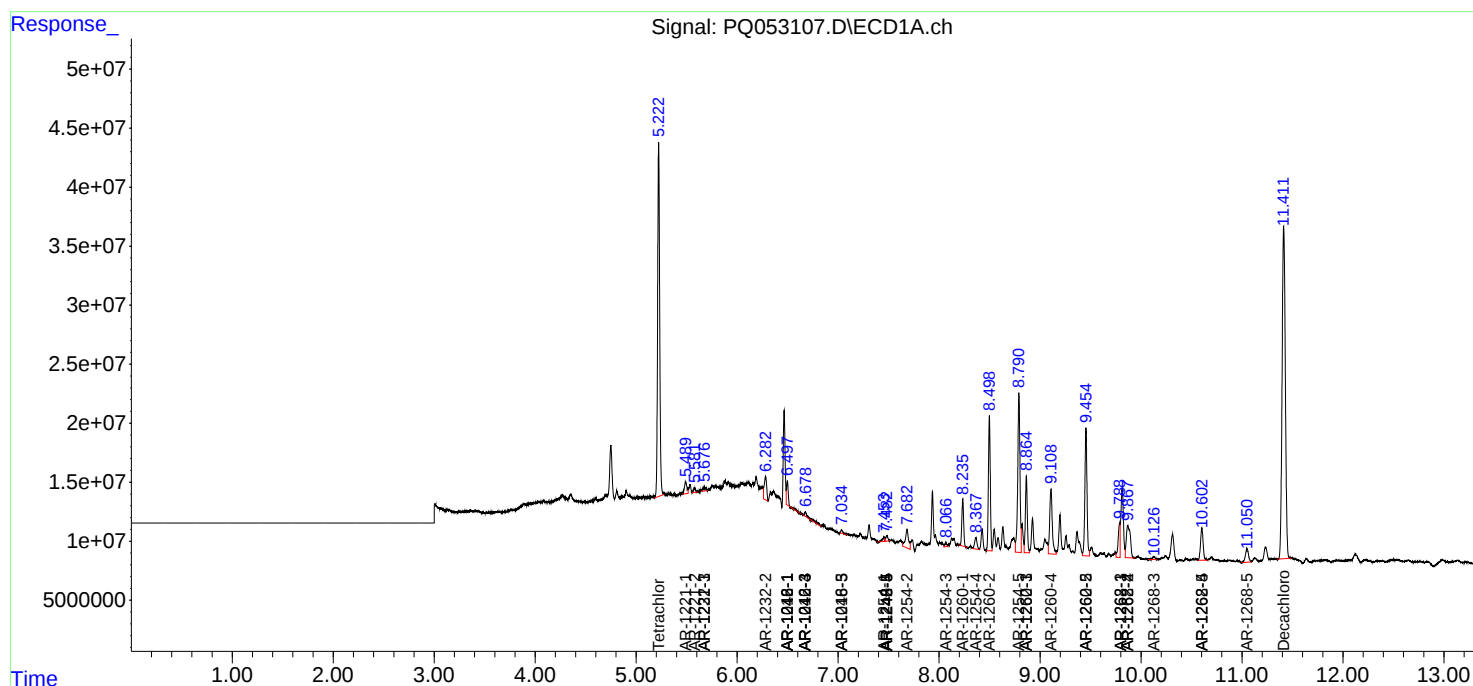
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

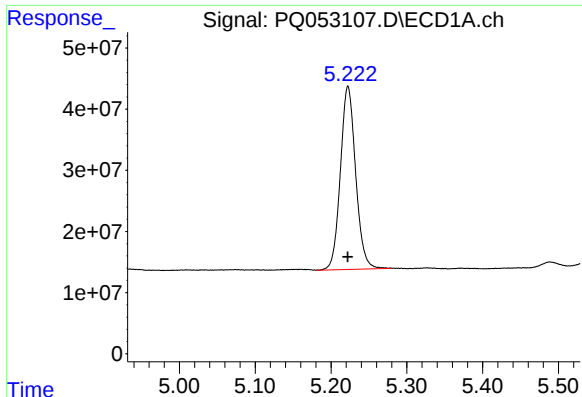
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042121\
Data File : PQ053107.D
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

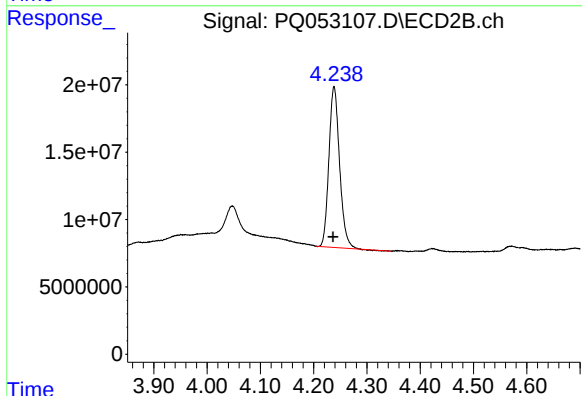




#1 Tetrachloro-m-xylene

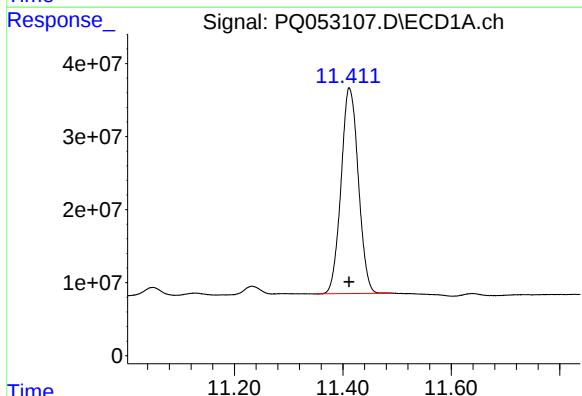
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 418622955
Conc: 14.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



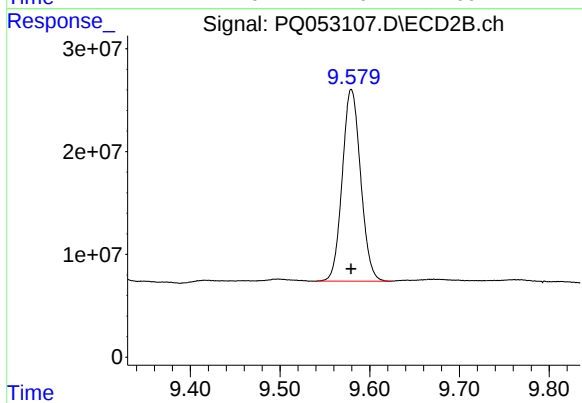
#1 Tetrachloro-m-xylene

R.T.: 4.238 min
Delta R.T.: 0.002 min
Response: 165673420
Conc: 14.25 ng/ml



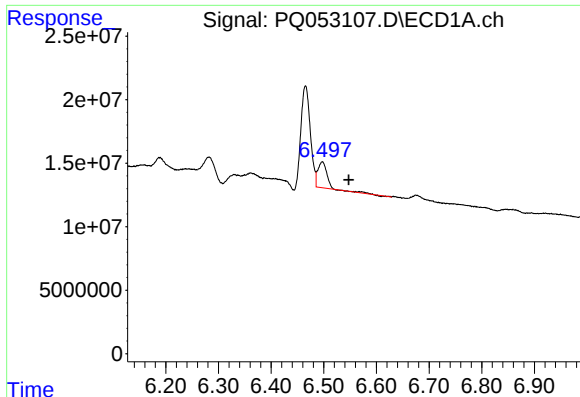
#2 Decachlorobiphenyl

R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 622178069
Conc: 22.00 ng/ml



#2 Decachlorobiphenyl

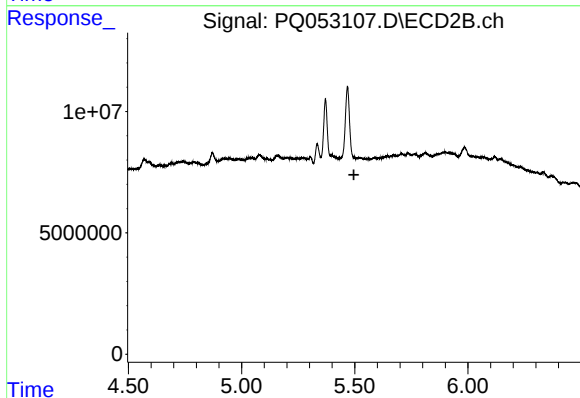
R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 265467273
Conc: 21.33 ng/ml



#3 AR-1016-1

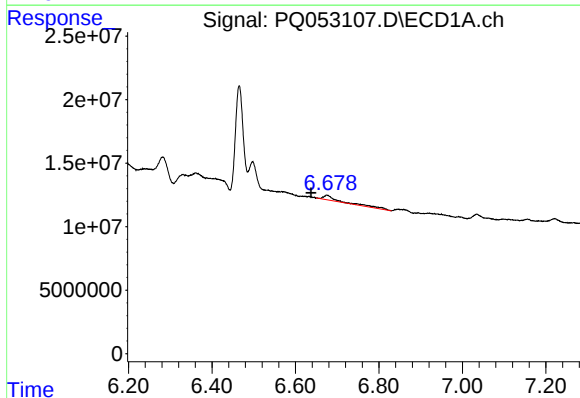
R.T.: 6.497 min
Delta R.T.: -0.050 min
Response: 24809901
Conc: 25.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



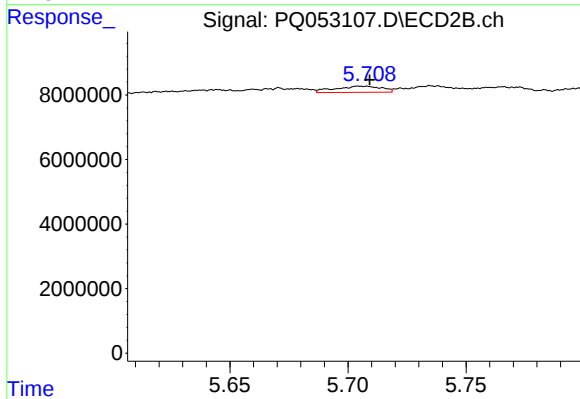
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.496 min
Response: 0
Conc: N.D.



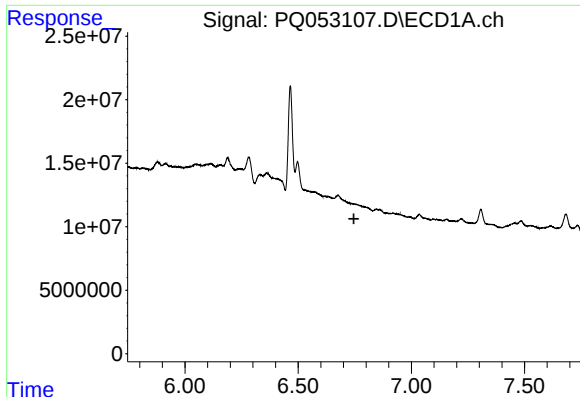
#5 AR-1016-3

R.T.: 6.675 min
Delta R.T.: 0.038 min
Response: 10652502
Conc: 12.12 ng/ml



#5 AR-1016-3

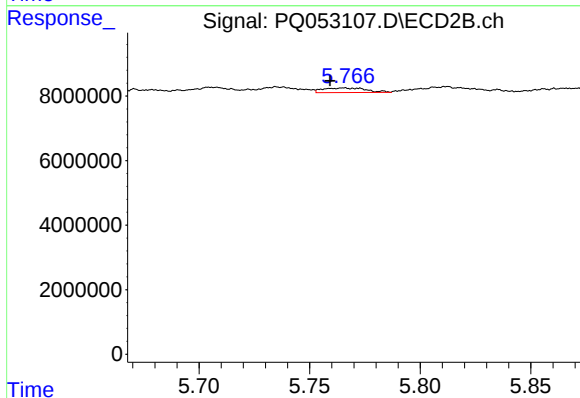
R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 2589169
Conc: 7.85 ng/ml



#6 AR-1016-4

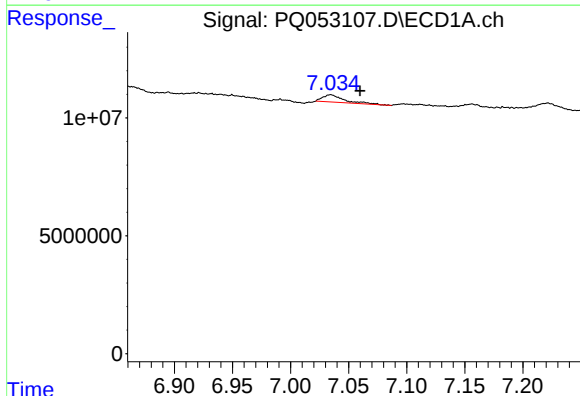
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



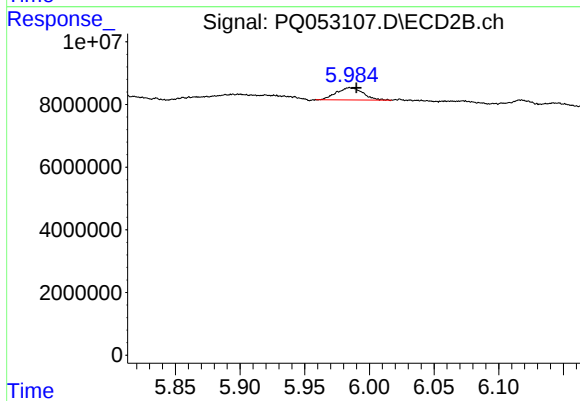
#6 AR-1016-4

R.T.: 5.766 min
Delta R.T.: 0.006 min
Response: 1933373
Conc: 7.42 ng/ml



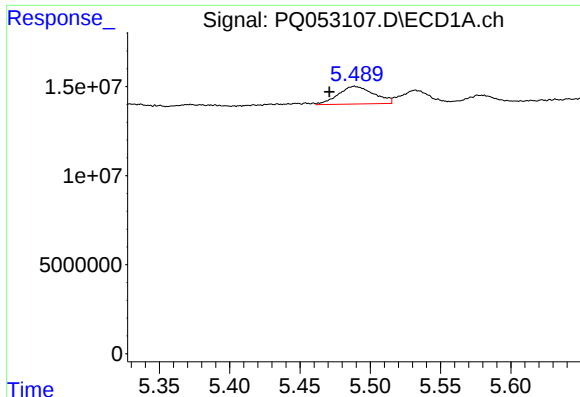
#7 AR-1016-5

R.T.: 7.035 min
Delta R.T.: -0.025 min
Response: 4006613
Conc: 5.80 ng/ml



#7 AR-1016-5

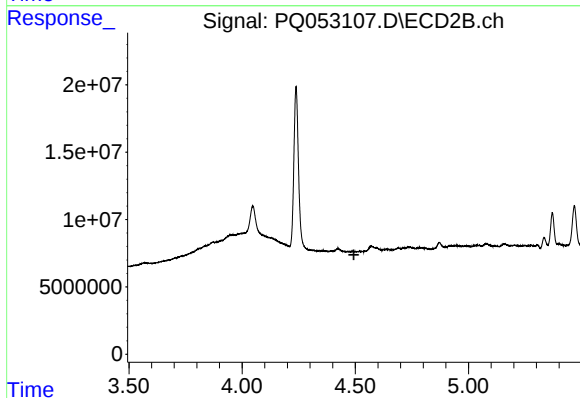
R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 5595934
Conc: 16.84 ng/ml



#8 AR-1221-1

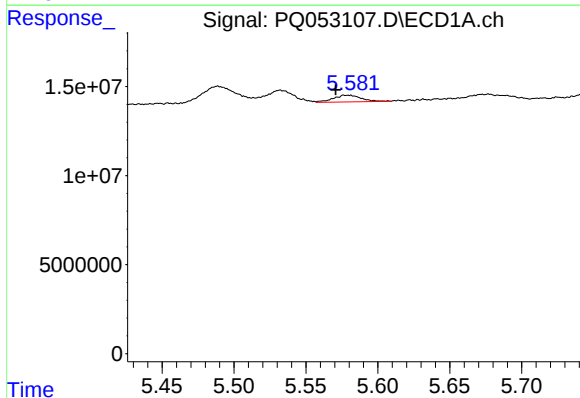
R.T.: 5.489 min
Delta R.T.: 0.018 min
Response: 17468237
Conc: 57.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



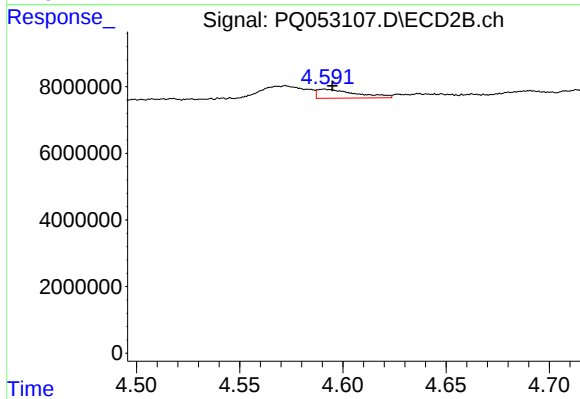
#8 AR-1221-1

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



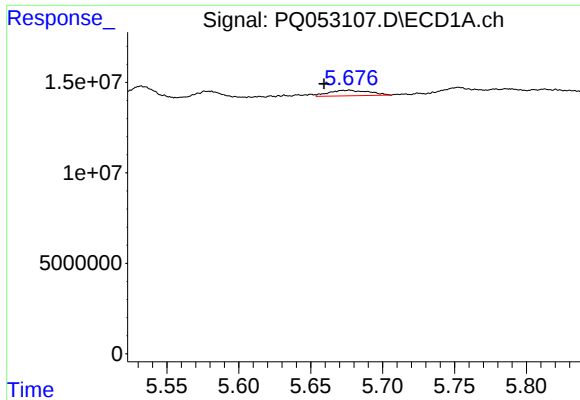
#9 AR-1221-2

R.T.: 5.576 min
Delta R.T.: 0.006 min
Response: 5109367
Conc: 24.76 ng/ml



#9 AR-1221-2

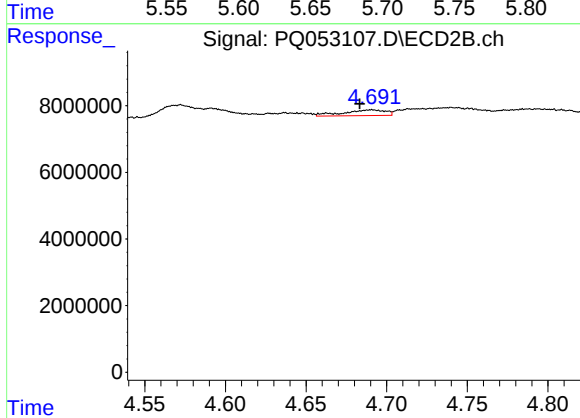
R.T.: 4.591 min
Delta R.T.: -0.004 min
Response: 3506518
Conc: 39.46 ng/ml



#10 AR-1221-3

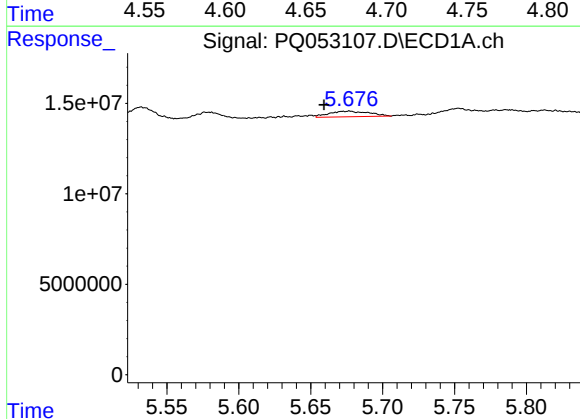
R.T.: 5.677 min
Delta R.T.: 0.018 min
Response: 6042122
Conc: 8.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



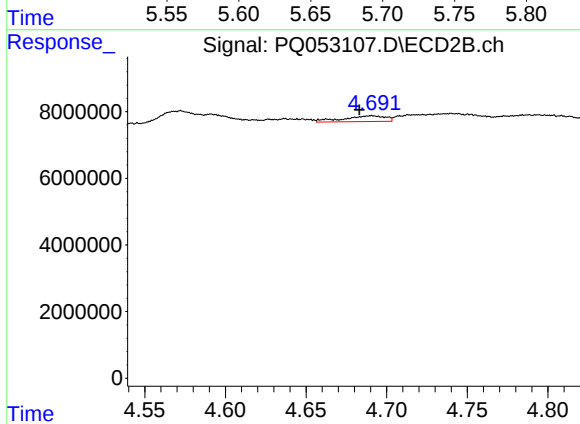
#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.008 min
Response: 3093283
Conc: 10.02 ng/ml



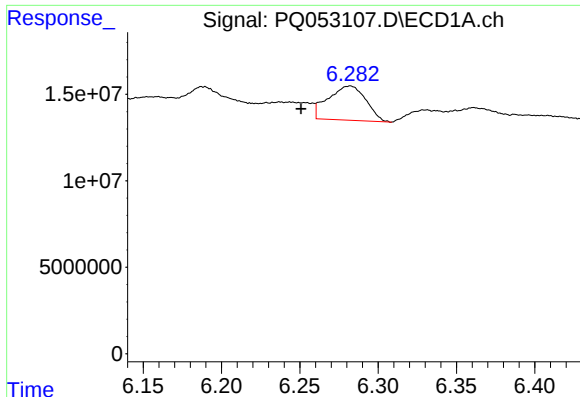
#11 AR-1232-1

R.T.: 5.677 min
Delta R.T.: 0.018 min
Response: 6042122
Conc: 11.63 ng/ml



#11 AR-1232-1

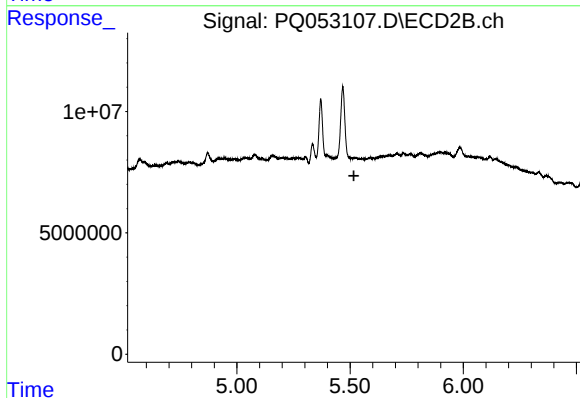
R.T.: 4.691 min
Delta R.T.: 0.008 min
Response: 3093283
Conc: 13.55 ng/ml



#12 AR-1232-2

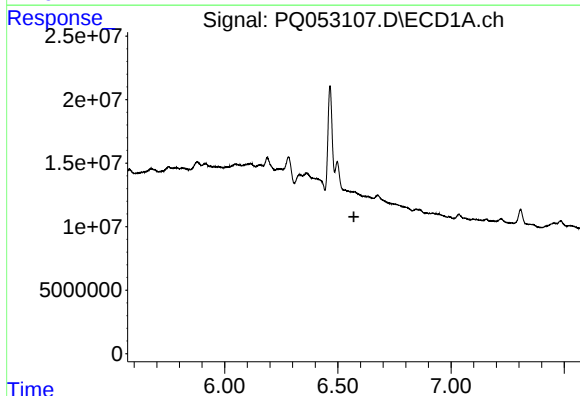
R.T.: 6.282 min
Delta R.T.: 0.032 min
Response: 33281584
Conc: 118.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



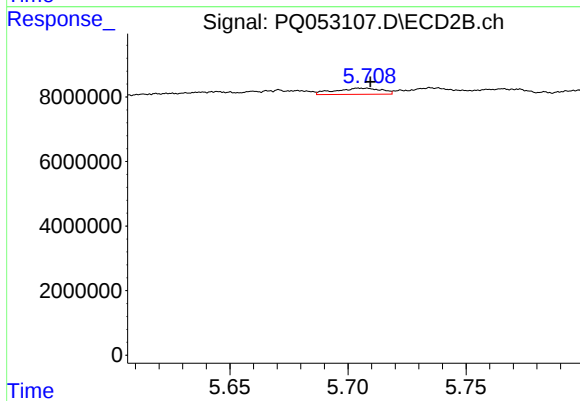
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.517 min
Response: 0
Conc: N.D.



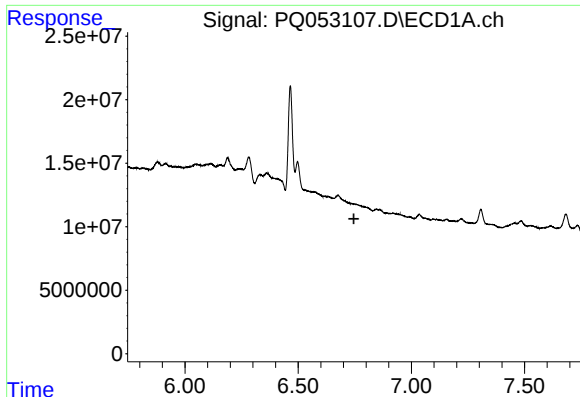
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



#13 AR-1232-3

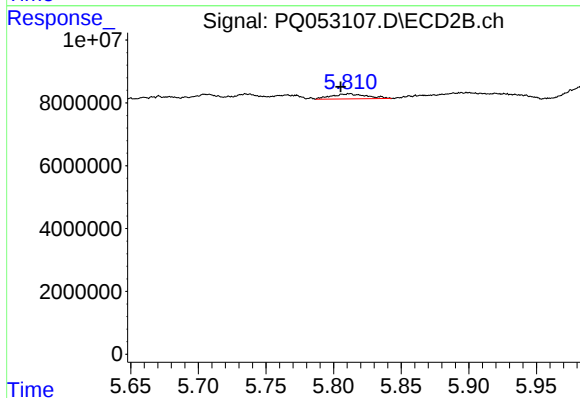
R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 2589169
Conc: 21.17 ng/ml



#14 AR-1232-4

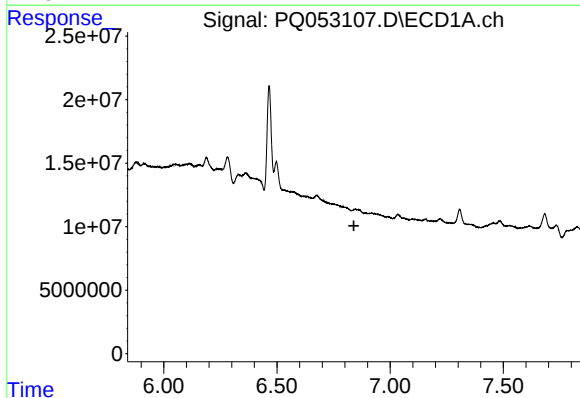
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



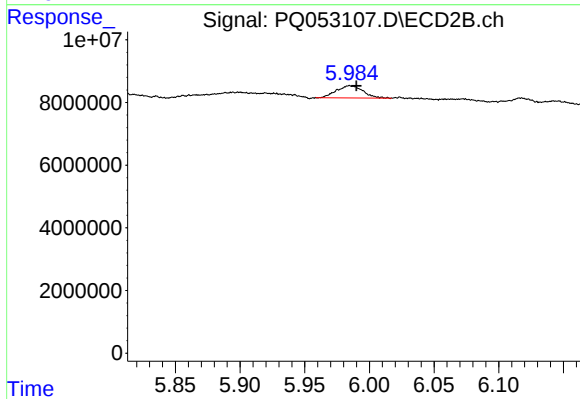
#14 AR-1232-4

R.T.: 5.812 min
Delta R.T.: 0.007 min
Response: 2927996
Conc: 27.97 ng/ml



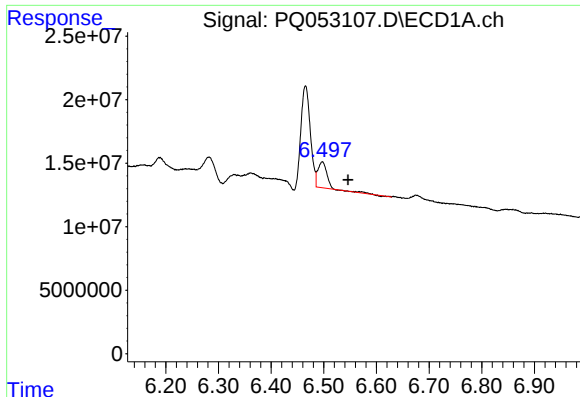
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.840 min
Response: 0
Conc: N.D.



#15 AR-1232-5

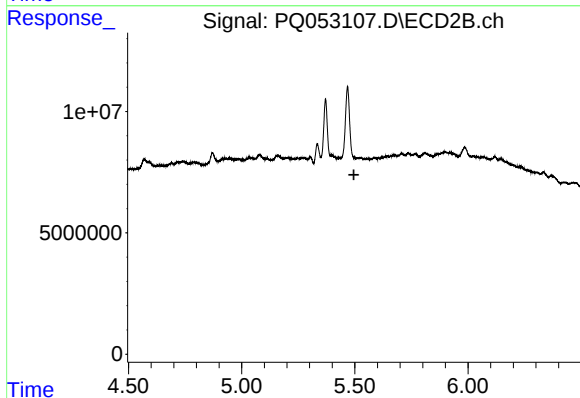
R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 5595934
Conc: 47.71 ng/ml



#16 AR-1242-1

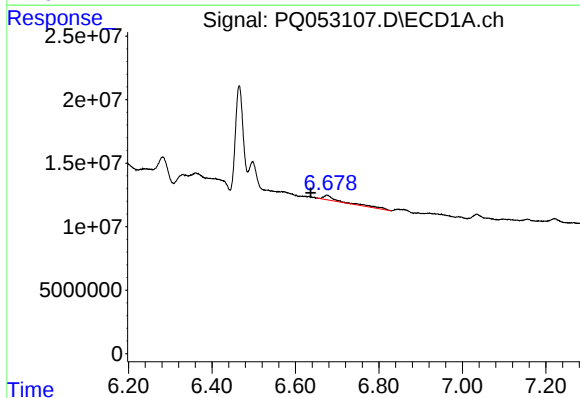
R.T.: 6.497 min
Delta R.T.: -0.049 min
Response: 24809901
Conc: 27.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



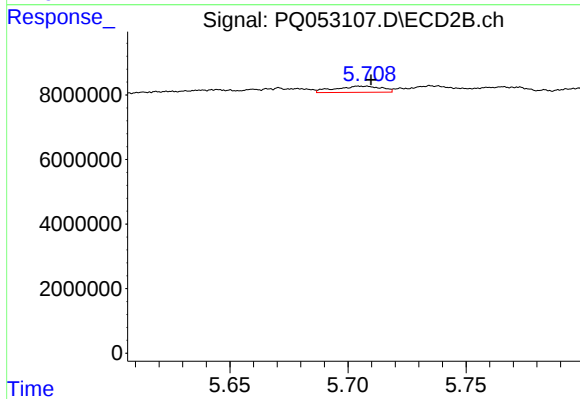
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.496 min
Response: 0
Conc: N.D.



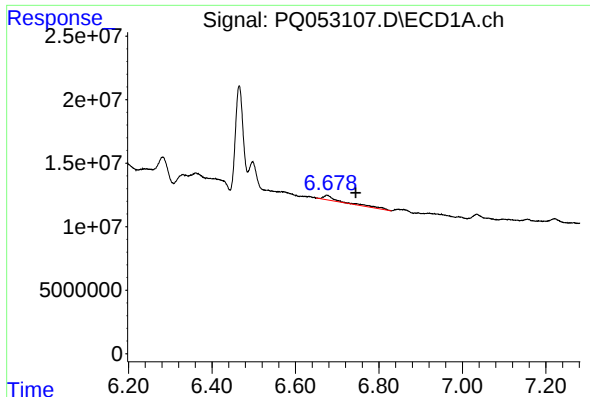
#18 AR-1242-3

R.T.: 6.675 min
Delta R.T.: 0.038 min
Response: 10652502
Conc: 12.91 ng/ml



#18 AR-1242-3

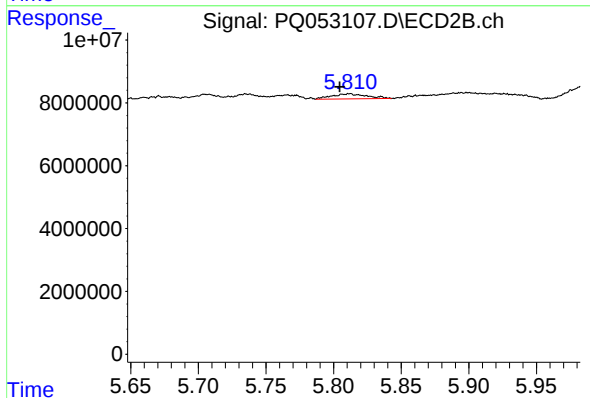
R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 2589169
Conc: 8.55 ng/ml



#19 AR-1242-4

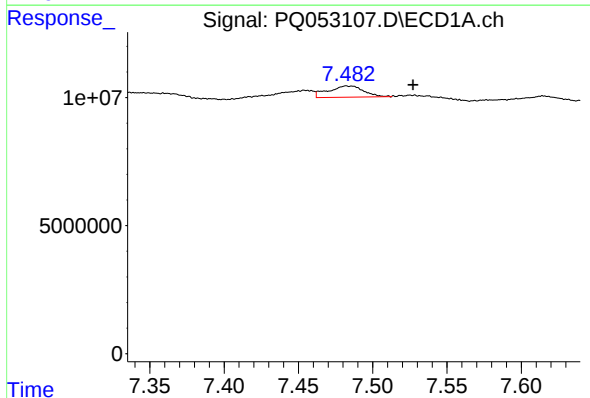
R.T.: 6.675 min
Delta R.T.: -0.069 min
Response: 10652502
Conc: 15.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



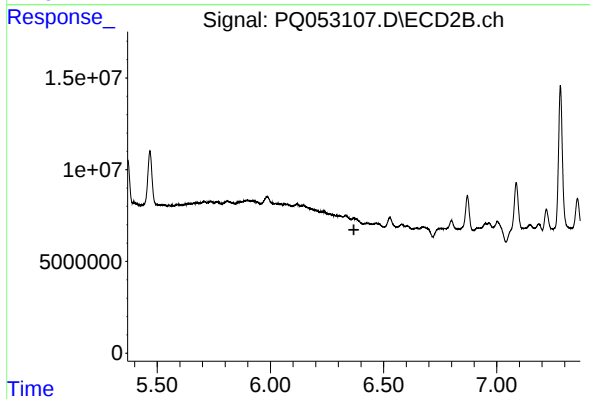
#19 AR-1242-4

R.T.: 5.812 min
Delta R.T.: 0.007 min
Response: 2927996
Conc: 10.29 ng/ml



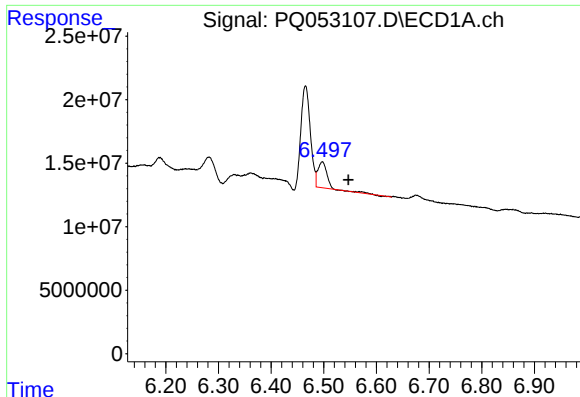
#20 AR-1242-5

R.T.: 7.483 min
Delta R.T.: -0.044 min
Response: 7372116
Conc: 10.11 ng/ml



#20 AR-1242-5

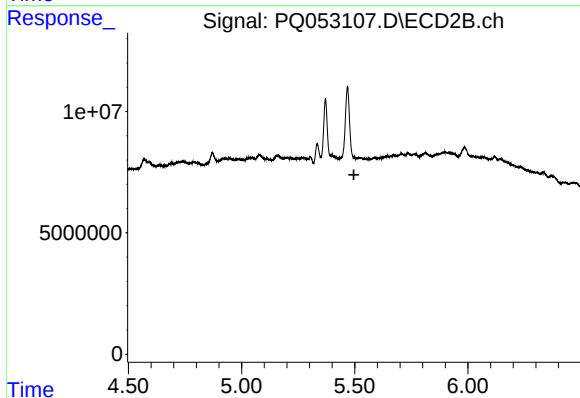
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.



#21 AR-1248-1

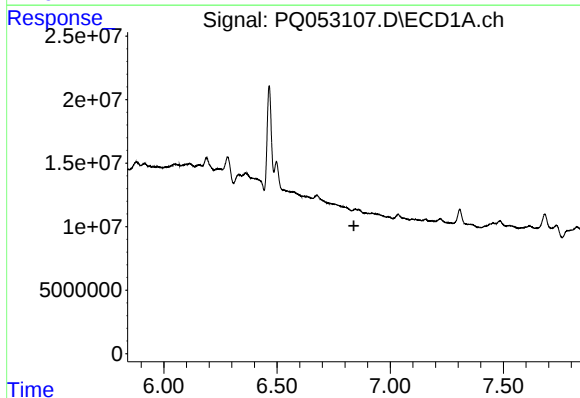
R.T.: 6.497 min
Delta R.T.: -0.049 min
Response: 24809901
Conc: 40.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



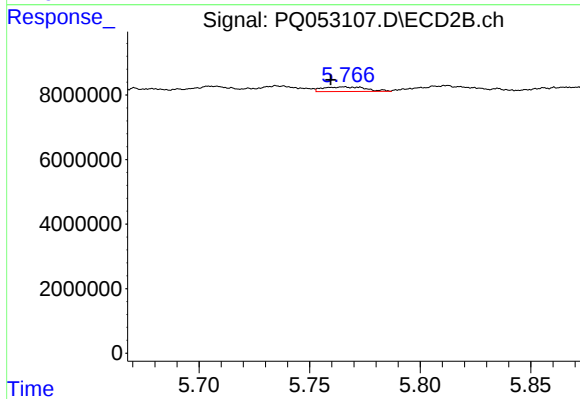
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.496 min
Response: 0
Conc: N.D.



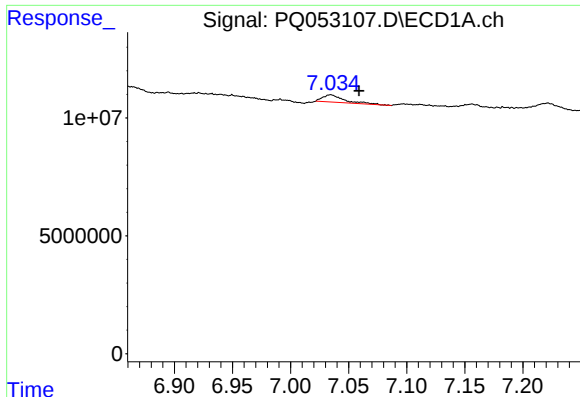
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.840 min
Response: 0
Conc: N.D.



#22 AR-1248-2

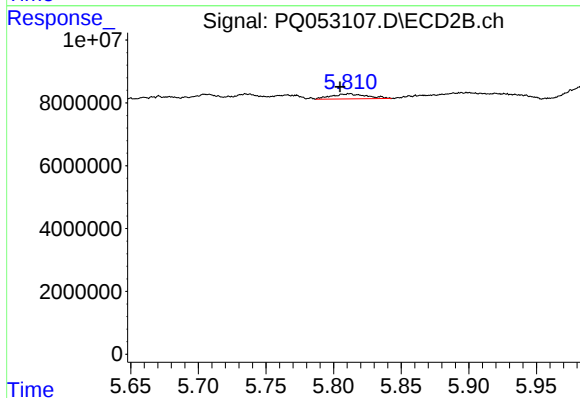
R.T.: 5.766 min
Delta R.T.: 0.006 min
Response: 1933373
Conc: 5.20 ng/ml



#23 AR-1248-3

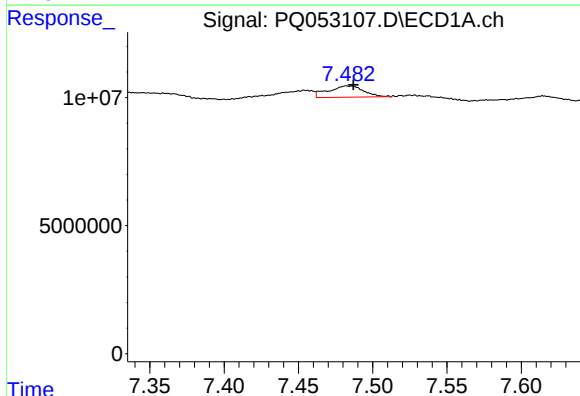
R.T.: 7.035 min
Delta R.T.: -0.024 min
Response: 4006613
Conc: 4.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



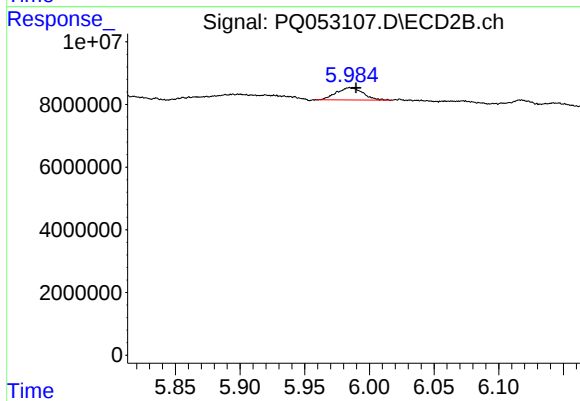
#23 AR-1248-3

R.T.: 5.812 min
Delta R.T.: 0.007 min
Response: 2927996
Conc: 7.67 ng/ml



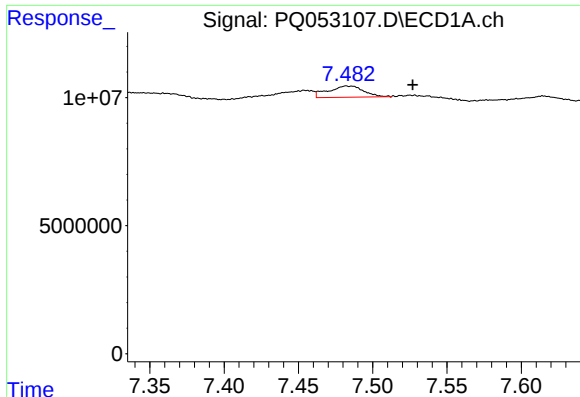
#24 AR-1248-4

R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 7372116
Conc: 6.45 ng/ml



#24 AR-1248-4

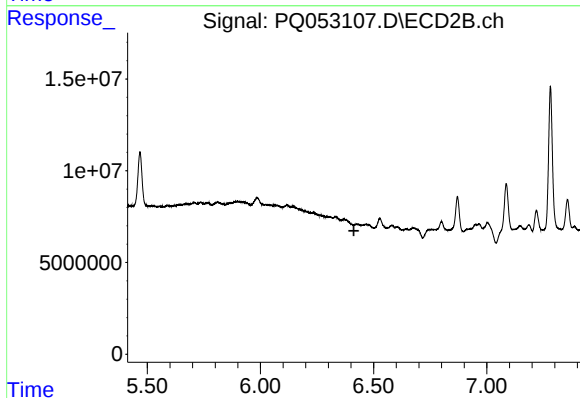
R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 5595934
Conc: 11.97 ng/ml



#25 AR-1248-5

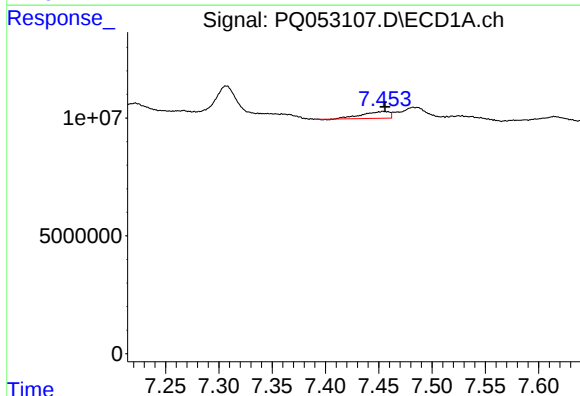
R.T.: 7.483 min
Delta R.T.: -0.044 min
Response: 7372116
Conc: 6.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



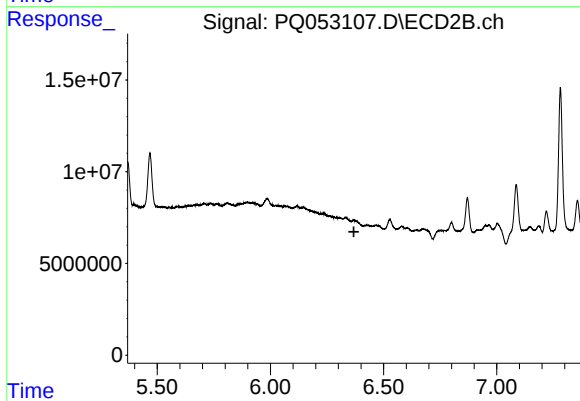
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.413 min
Response: 0
Conc: N.D.



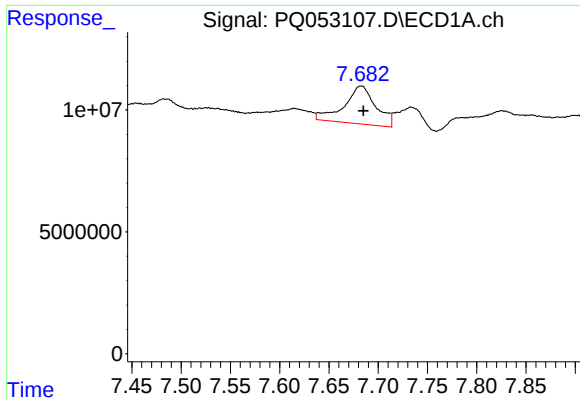
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: -0.001 min
Response: 5109242
Conc: 3.25 ng/ml



#26 AR-1254-1

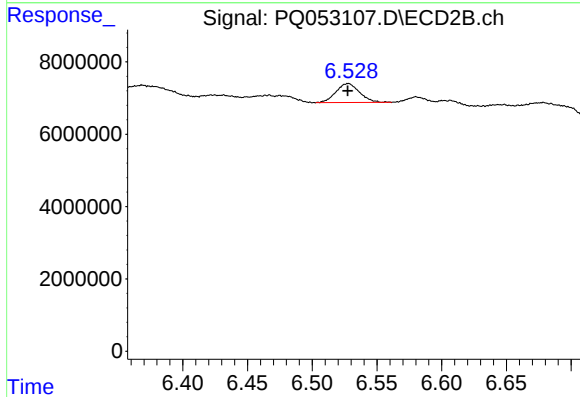
R.T.: 0.000 min
Exp R.T. : 6.369 min
Response: 0
Conc: N.D.



#27 AR-1254-2

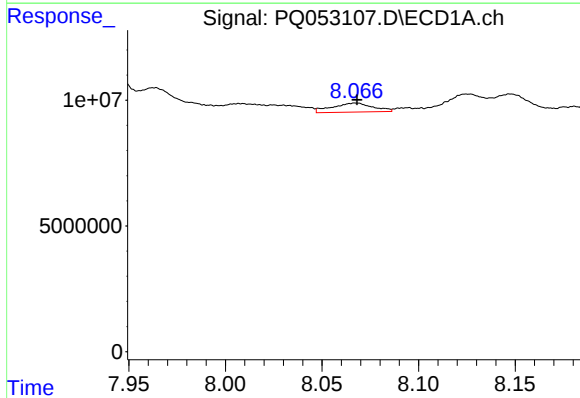
R.T.: 7.683 min
Delta R.T.: -0.002 min
Response: 34958271
Conc: 14.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



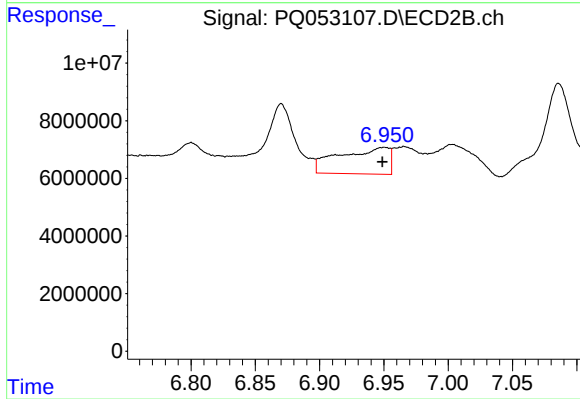
#27 AR-1254-2

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 6691838
Conc: 7.02 ng/ml



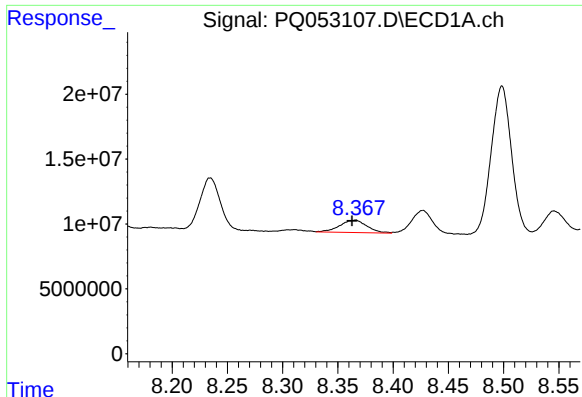
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 5240438
Conc: 1.99 ng/ml



#28 AR-1254-3

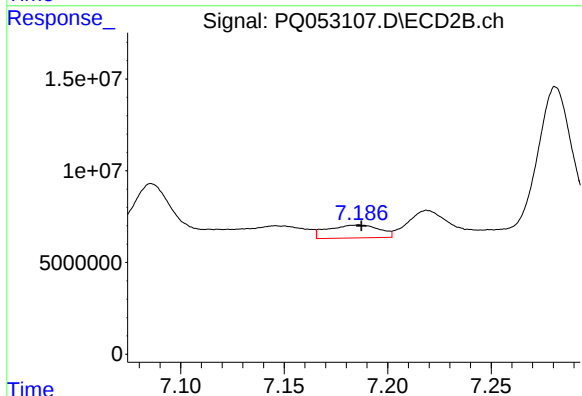
R.T.: 6.950 min
Delta R.T.: 0.002 min
Response: 24846677
Conc: 16.04 ng/ml



#29 AR-1254-4

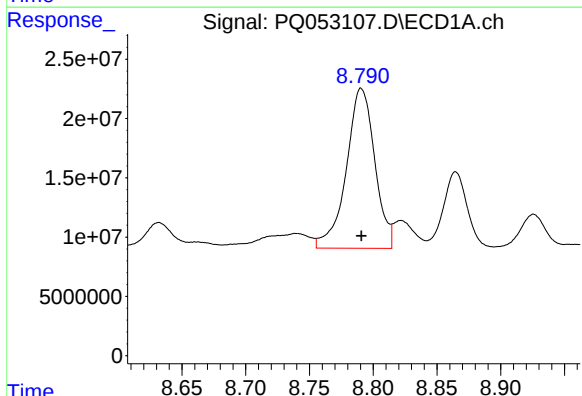
R.T.: 8.366 min
Delta R.T.: 0.003 min
Response: 16476628
Conc: 8.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



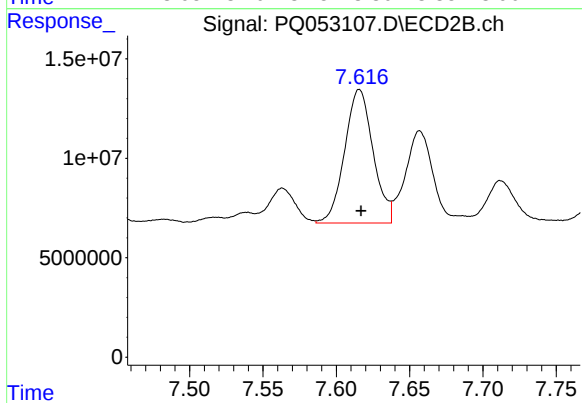
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: -0.001 min
Response: 12296230
Conc: 11.74 ng/ml



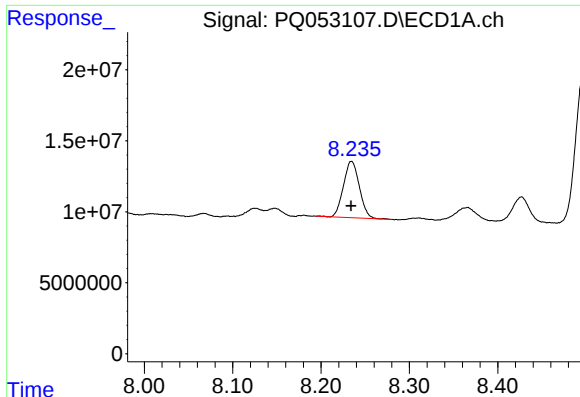
#30 AR-1254-5

R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 209717942
Conc: 102.52 ng/ml



#30 AR-1254-5

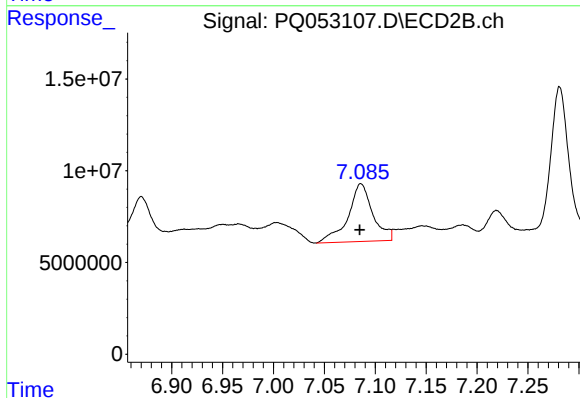
R.T.: 7.616 min
Delta R.T.: -0.001 min
Response: 90614058
Conc: 62.10 ng/ml



#31 AR-1260-1

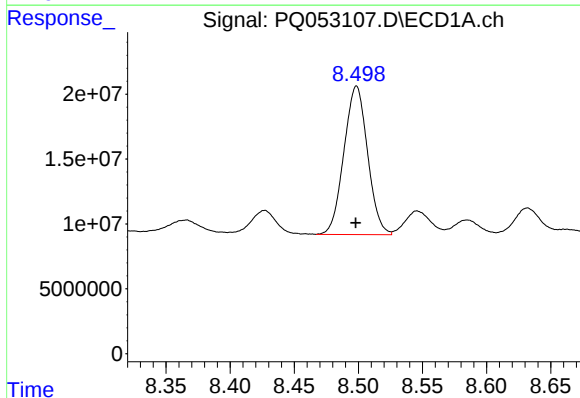
R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 49661408
Conc: 43.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



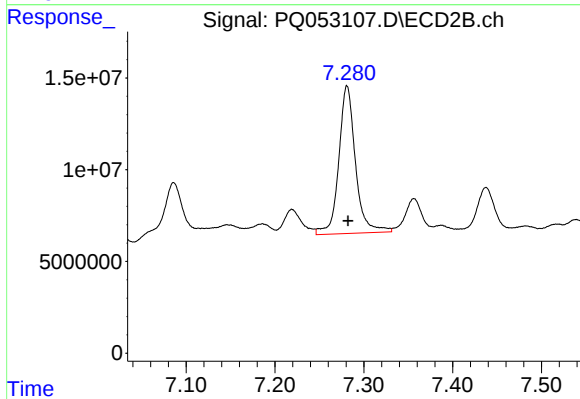
#31 AR-1260-1

R.T.: 7.086 min
Delta R.T.: 0.001 min
Response: 53518048
Conc: 82.59 ng/ml



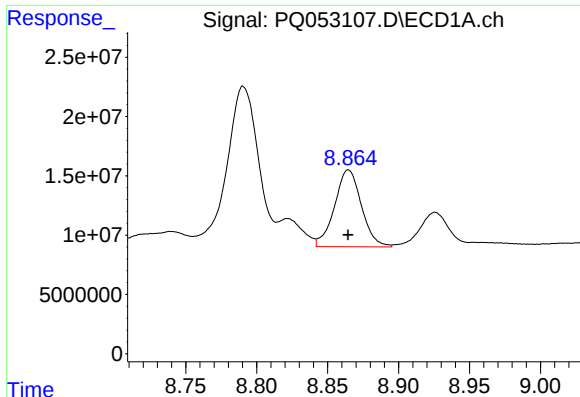
#32 AR-1260-2

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 146883242
Conc: 105.42 ng/ml



#32 AR-1260-2

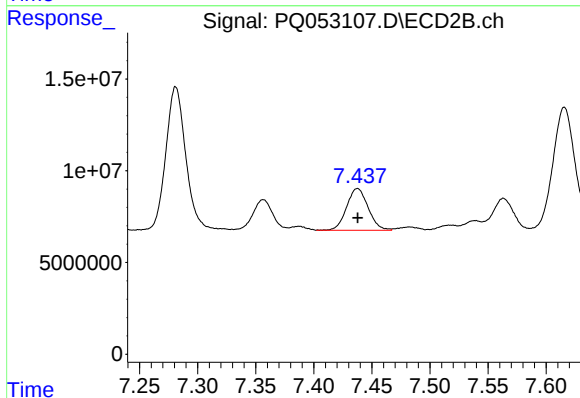
R.T.: 7.281 min
Delta R.T.: -0.001 min
Response: 105091205
Conc: 113.37 ng/ml



#33 AR-1260-3

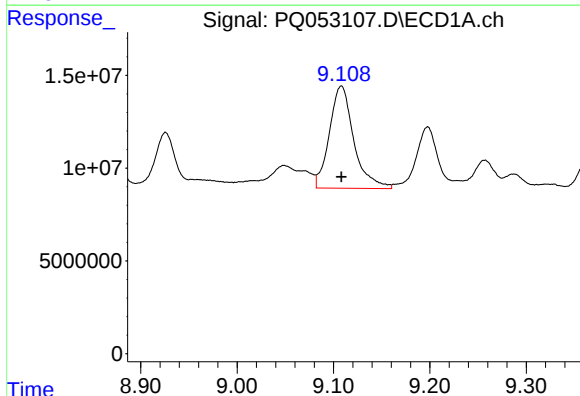
R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 85453479
Conc: 79.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



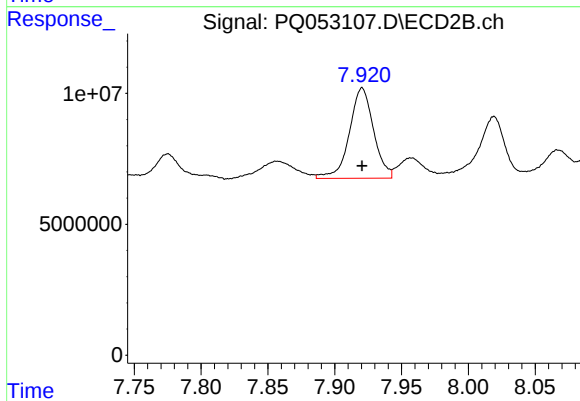
#33 AR-1260-3

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 29376700
Conc: 37.75 ng/ml



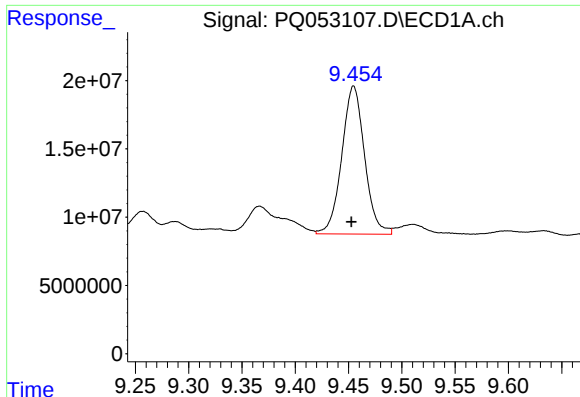
#34 AR-1260-4

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 97239770
Conc: 80.30 ng/ml



#34 AR-1260-4

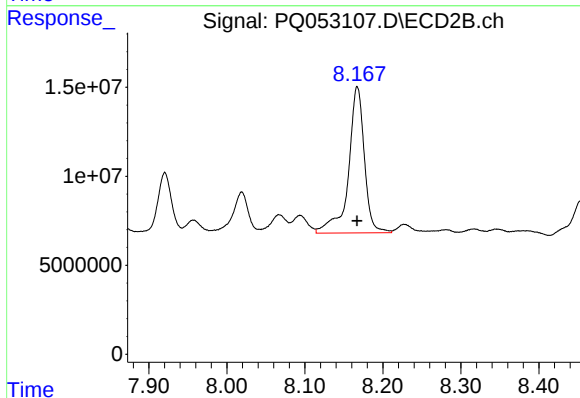
R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 43459758
Conc: 64.01 ng/ml



#35 AR-1260-5

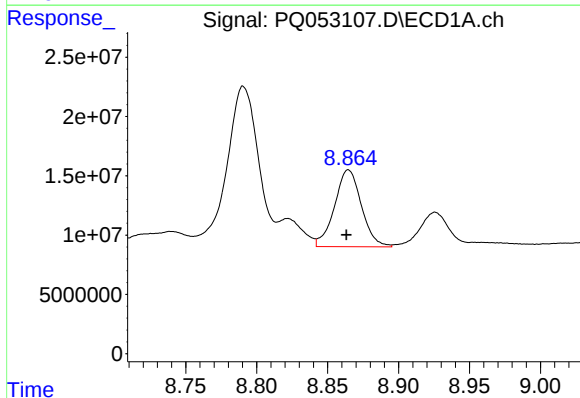
R.T.: 9.455 min
Delta R.T.: 0.002 min
Response: 161403147
Conc: 63.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



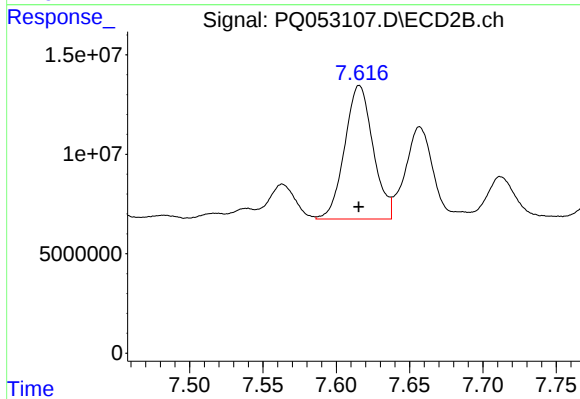
#35 AR-1260-5

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 116728273
Conc: 63.09 ng/ml



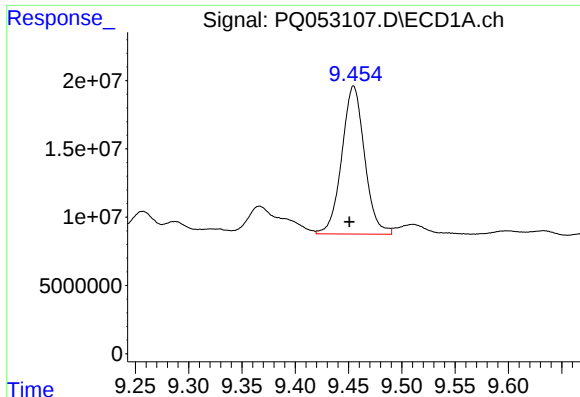
#36 AR-1262-1

R.T.: 8.865 min
Delta R.T.: 0.001 min
Response: 85453479
Conc: 42.72 ng/ml



#36 AR-1262-1

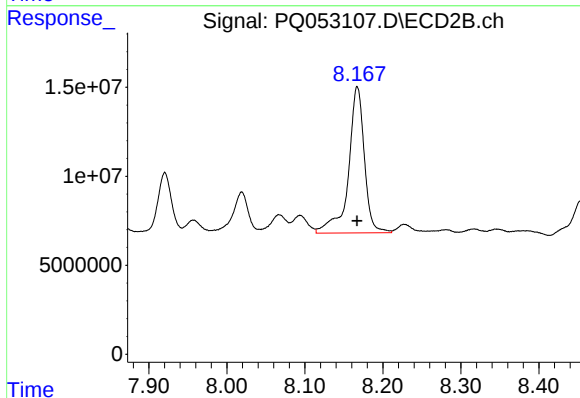
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 90614058
Conc: 147.82 ng/ml



#37 AR-1262-2

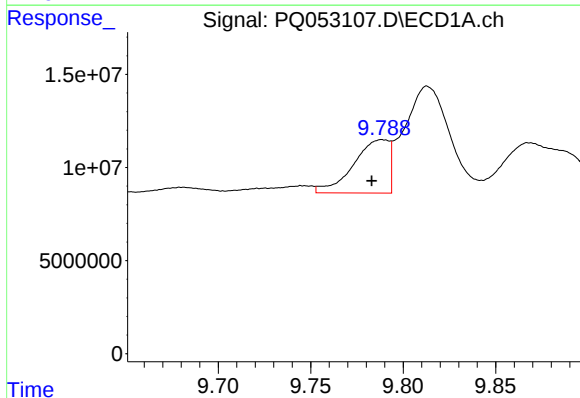
R.T.: 9.455 min
Delta R.T.: 0.004 min
Response: 161403147
Conc: 43.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



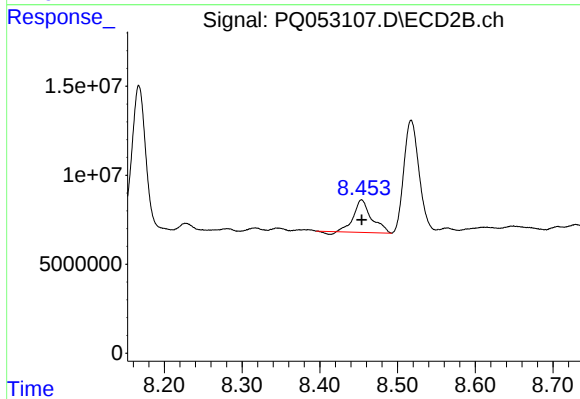
#37 AR-1262-2

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 116728273
Conc: 45.94 ng/ml



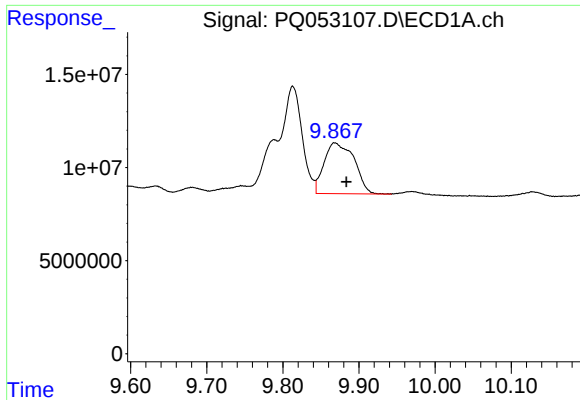
#38 AR-1262-3

R.T.: 9.789 min
Delta R.T.: 0.006 min
Response: 38323028
Conc: 15.27 ng/ml



#38 AR-1262-3

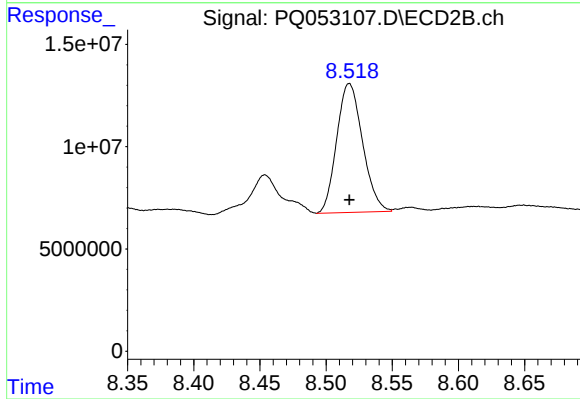
R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 28724434
Conc: 28.27 ng/ml



#39 AR-1262-4

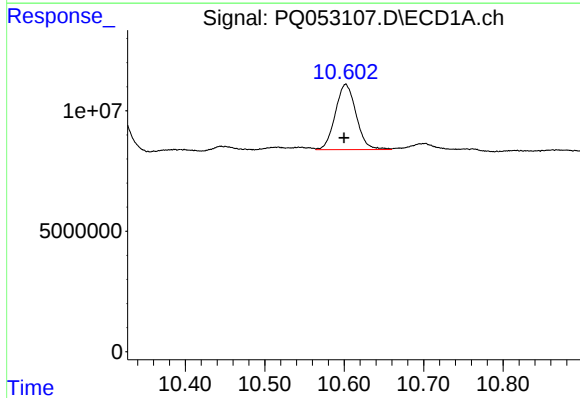
R.T.: 9.868 min
Delta R.T.: -0.015 min
Response: 74873756
Conc: 37.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



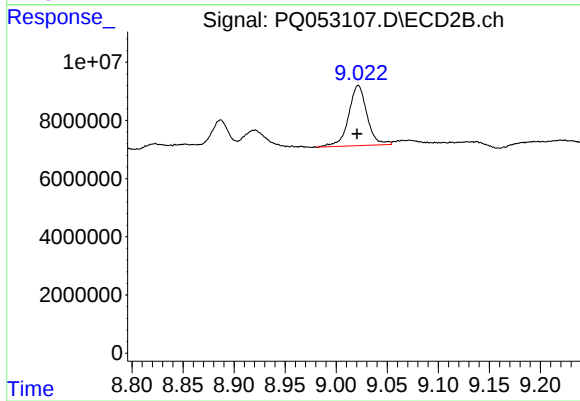
#39 AR-1262-4

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 85742239
Conc: 49.77 ng/ml



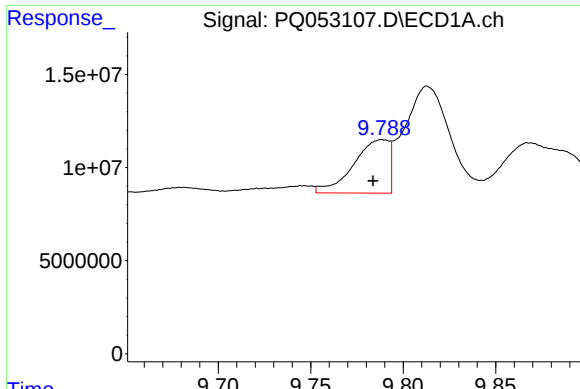
#40 AR-1262-5

R.T.: 10.602 min
Delta R.T.: 0.002 min
Response: 49483216
Conc: 34.91 ng/ml



#40 AR-1262-5

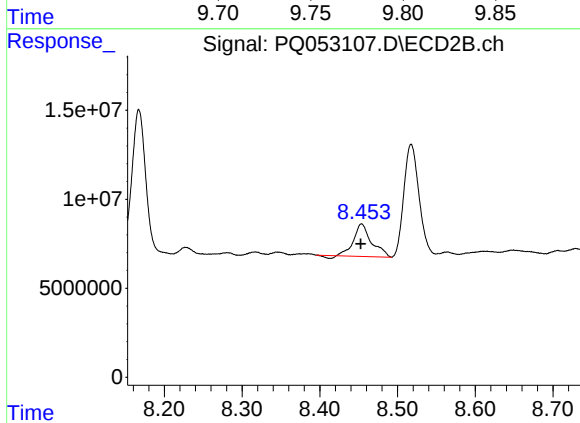
R.T.: 9.022 min
Delta R.T.: 0.001 min
Response: 25892698
Conc: 33.26 ng/ml



#41 AR-1268-1

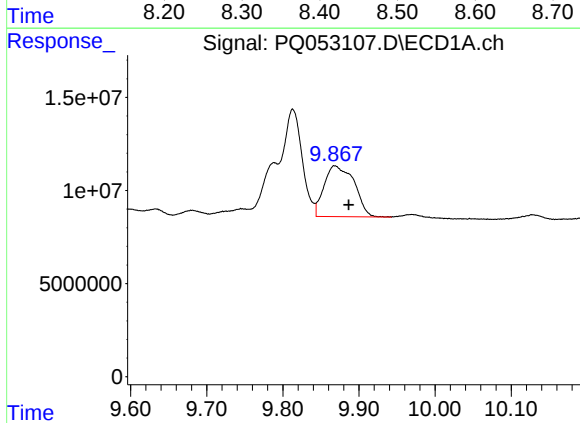
R.T.: 9.789 min
Delta R.T.: 0.005 min
Response: 38323028
Conc: 8.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



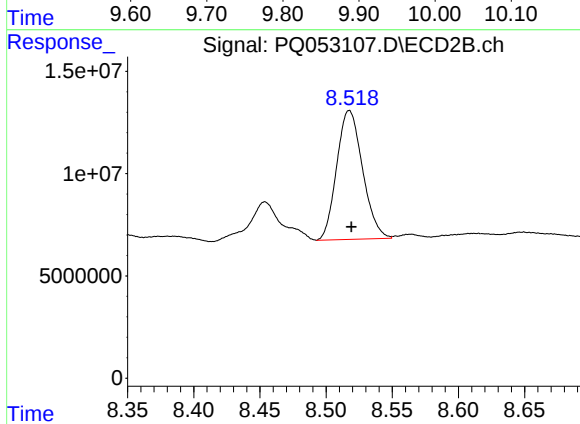
#41 AR-1268-1

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 28724434
Conc: 9.81 ng/ml



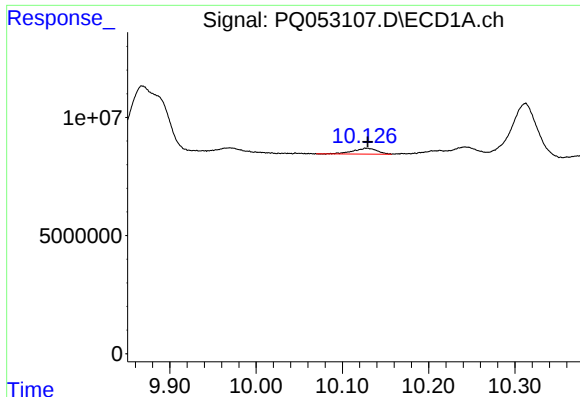
#42 AR-1268-2

R.T.: 9.868 min
Delta R.T.: -0.018 min
Response: 74873756
Conc: 17.46 ng/ml



#42 AR-1268-2

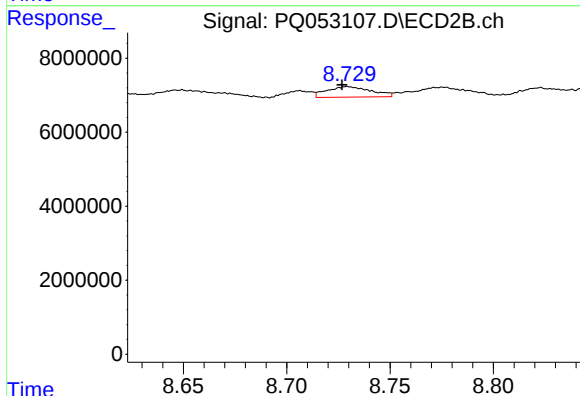
R.T.: 8.518 min
Delta R.T.: -0.002 min
Response: 85742239
Conc: 34.44 ng/ml



#43 AR-1268-3

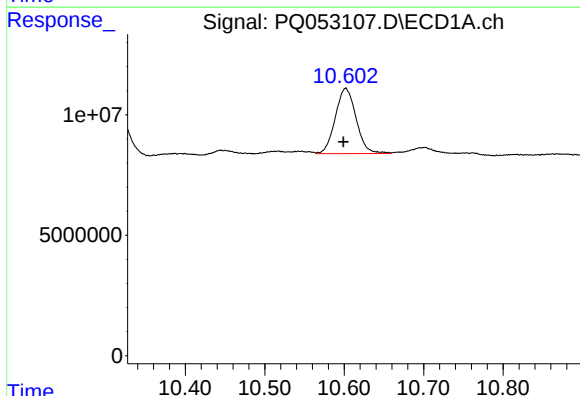
R.T.: 10.128 min
Delta R.T.: -0.001 min
Response: 4793940
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



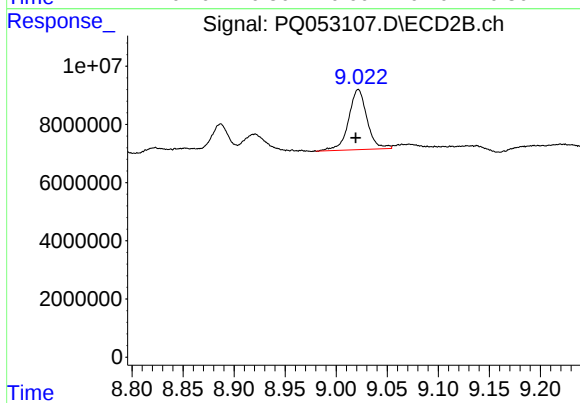
#43 AR-1268-3

R.T.: 8.729 min
Delta R.T.: 0.003 min
Response: 4225463
Conc: 1.95 ng/ml



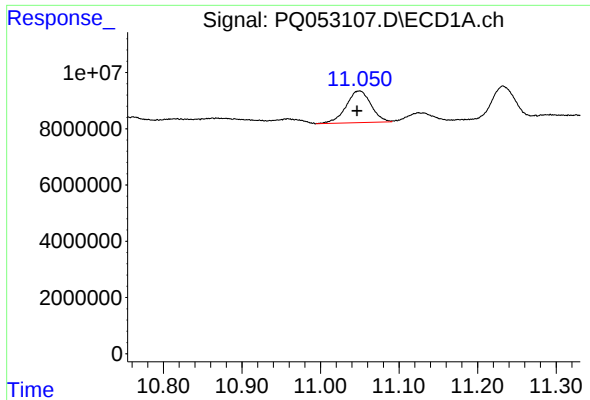
#44 AR-1268-4

R.T.: 10.602 min
Delta R.T.: 0.003 min
Response: 49483216
Conc: 32.14 ng/ml



#44 AR-1268-4

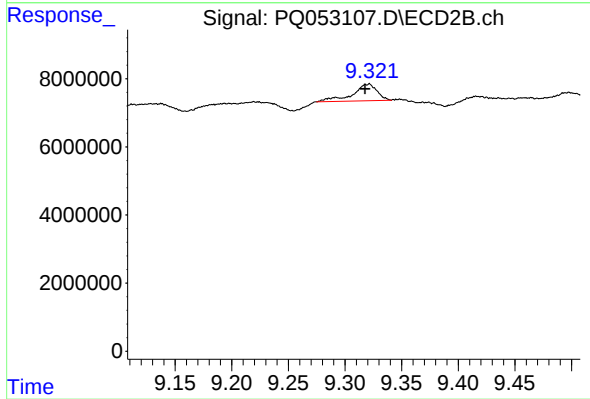
R.T.: 9.022 min
Delta R.T.: 0.002 min
Response: 25892698
Conc: 30.35 ng/ml



#45 AR-1268-5

R.T.: 11.050 min
Delta R.T.: 0.003 min
Response: 24876558
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: 0.003 min
Response: 7422581
Conc: 1.20 ng/ml