

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012220\
 Data File : PQ046223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2020 09:42
 Operator : AJ\MA
 Sample : L1161-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 10:02:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 23 06:26:10 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.206	4.356	69058116	28147531	13.193	13.334
2)	SA Decachlor...	11.344	9.780	167.1E6	64486536	13.070	12.874
Target Compounds							
3)	L1 AR-1016-1	6.520	5.634	3733398	1370514	18.161	15.924
4)	L1 AR-1016-2	6.543	5.654	5526076	2197927	16.907	16.518
5)	L1 AR-1016-3	6.610	5.853	3591511	1083027	17.475	16.177
6)	L1 AR-1016-4	6.716	5.899	4510276	919700	26.863	16.597 #
7)	L1 AR-1016-5	7.032	6.133	3290824	1549883	18.497	19.273
10)	L2 AR-1221-3	5.635	0.000	1830922	0	11.630	N.D. #
11)	L3 AR-1232-1	5.635	0.000	1830922	0	16.569	N.D. #
12)	L3 AR-1232-2	6.226	5.654	3070354	2197927	47.065	40.434
13)	L3 AR-1232-3	6.543	5.853	5526076	1083027	43.085	42.999
14)	L3 AR-1232-4	6.716	5.944	4510276	1055646	67.487	42.616 #
15)	L3 AR-1232-5	6.814	6.133	3006451	1549883	54.390	53.675
16)	L4 AR-1242-1	6.520	5.634	3733398	1370514	29.752	26.691
17)	L4 AR-1242-2	6.543	5.654	5526076	2197927	27.255	27.328
18)	L4 AR-1242-3	6.610	5.853	3591511	1083027	27.594	26.199
19)	L4 AR-1242-4	6.716	5.944	4510276	1055646	42.438	23.316 #
20)	L4 AR-1242-5	7.430	6.514	1920877	1284934	14.528	22.669 #
21)	L5 AR-1248-1	6.520	5.634	3733398	1370514	29.719	27.226
22)	L5 AR-1248-2	6.814	5.899	3006451	919700	15.221	11.747
23)	L5 AR-1248-3	7.032	5.944	3290824	1055646	14.812	12.902
24)	L5 AR-1248-4	7.430	6.133	1920877	1549883	7.361	14.755 #
25)	L5 AR-1248-5	7.430	6.514	1920877	1284934	7.146	12.383 #
26)	L6 AR-1254-1	7.430	6.514	1920877	1284934	7.564	8.562
27)	L6 AR-1254-2	7.659	6.671	5376573	1188890	13.671	8.768 #
28)	L6 AR-1254-3	8.043	7.114	4334814	2978253	9.675	12.388 #
29)	L6 AR-1254-4	8.336	0.000	2434241	0	7.339	N.D. #
30)	L6 AR-1254-5	8.765	7.770	10494190	4019276	26.498	17.216 #
31)	L7 AR-1260-1	8.209	7.235	8568401	3786195	22.254	20.821
32)	L7 AR-1260-2	8.473	7.429	8407598	4322926	17.945	20.503
33)	L7 AR-1260-3	8.841	7.590	7355269	3173489	17.886	14.941
34)	L7 AR-1260-4	9.081	8.076	8212122	3573410	17.091	18.220
35)	L7 AR-1260-5	9.420	8.321	14960020	9560815	15.607	19.294
36)	L8 AR-1262-1	8.841	7.770	7355269	4019276	13.799	31.354 #
37)	L8 AR-1262-2	9.420	8.321	14960020	9560815	14.595	18.049
38)	L8 AR-1262-3	9.767	8.611	12444488	3204706	16.904	15.410
39)	L8 AR-1262-4	9.829	8.677	10953730	6397875	17.596	15.492
40)	L8 AR-1262-5	10.545	9.191	5538773	2288749	12.698	11.909
41)	L9 AR-1268-1	9.767	8.611	12444488	3204706	9.156	4.912 #
42)	L9 AR-1268-2	9.829	8.677	10953730	6397875	7.495	10.192 #
44)	L9 AR-1268-4	10.545	9.191	5538773	2288749	11.339	10.189

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012220.M
 Quant Title : GC EXTRACTABLES
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 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	10.985	9.505	1561958	2926476	0.363	1.580 #

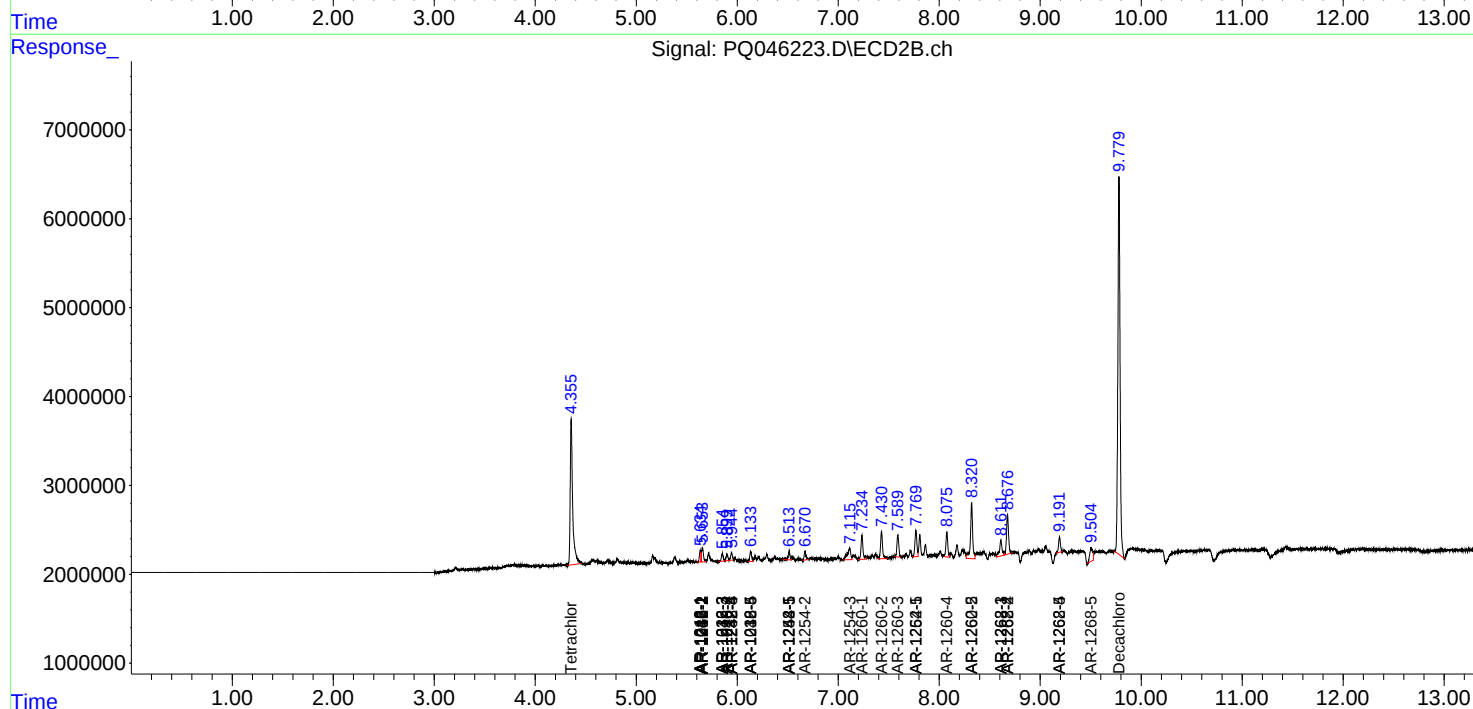
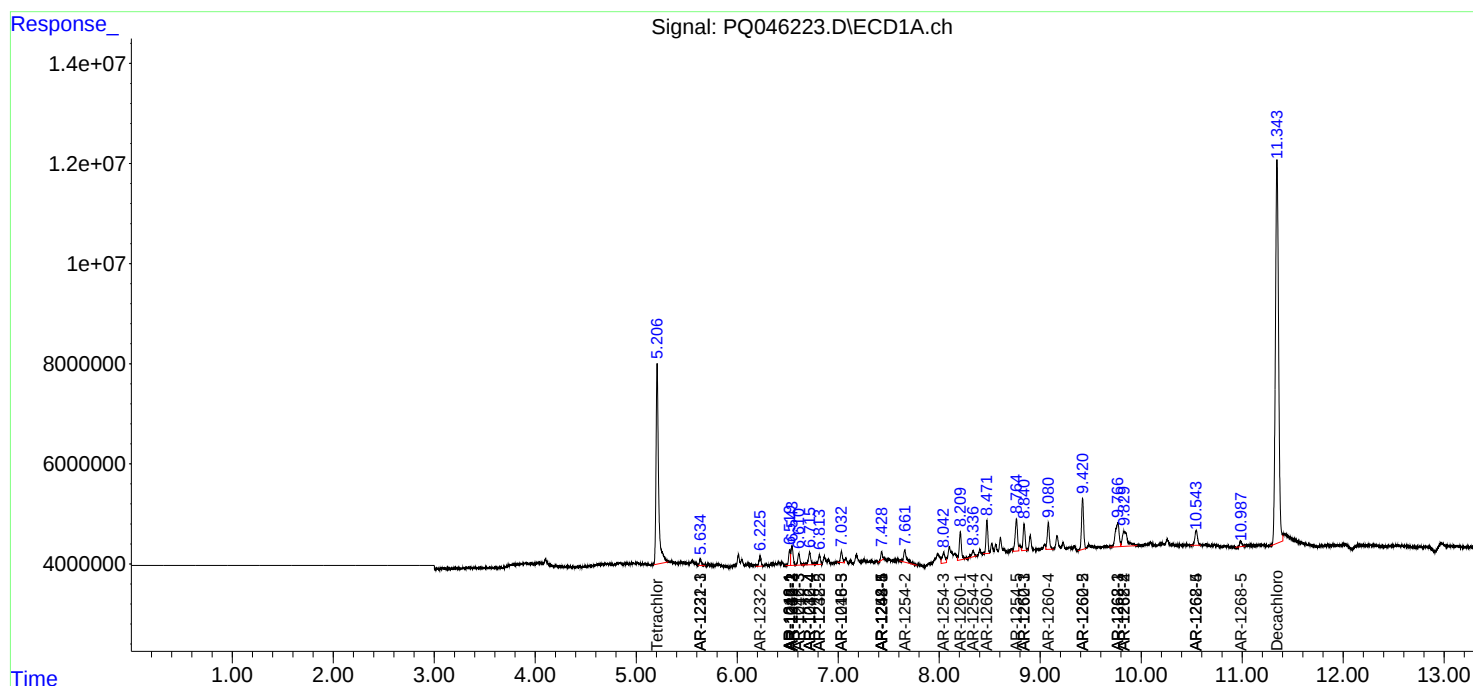
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

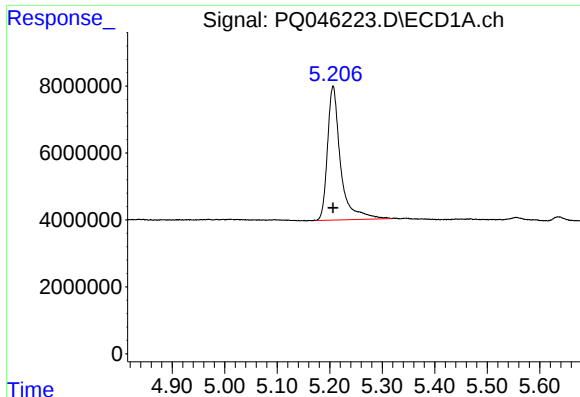
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012220\
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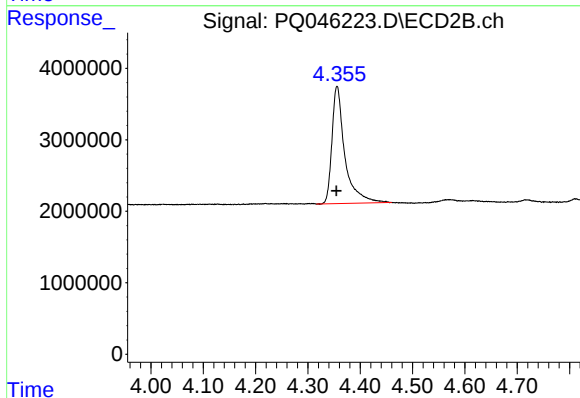




#1 Tetrachloro-m-xylene

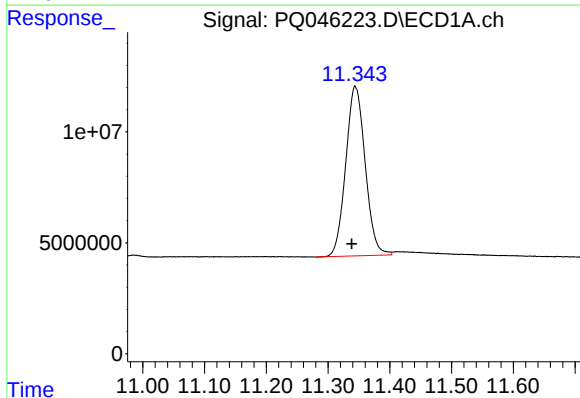
R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 69058116
Conc: 13.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



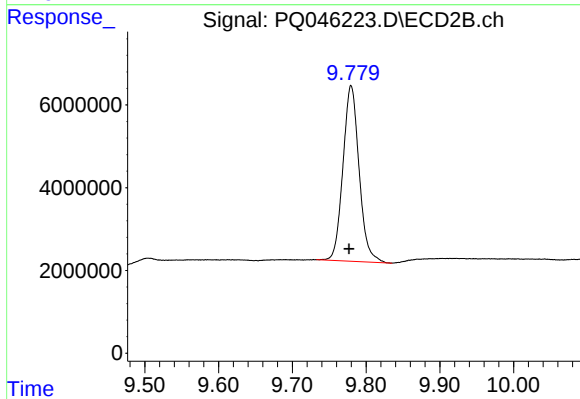
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 28147531
Conc: 13.33 ng/ml



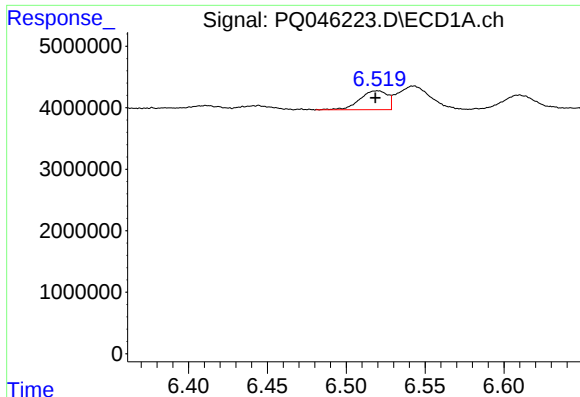
#2 Decachlorobiphenyl

R.T.: 11.344 min
Delta R.T.: 0.005 min
Response: 167124449
Conc: 13.07 ng/ml



#2 Decachlorobiphenyl

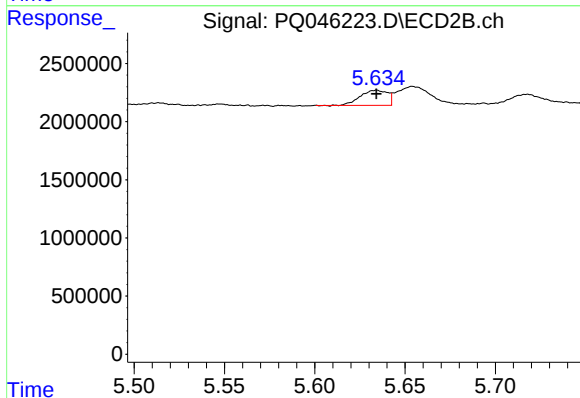
R.T.: 9.780 min
Delta R.T.: 0.003 min
Response: 64486536
Conc: 12.87 ng/ml



#3 AR-1016-1

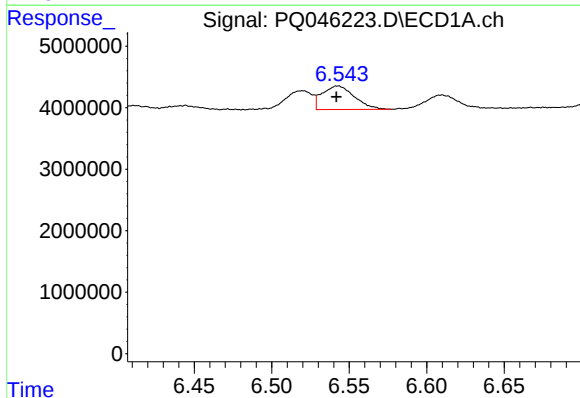
R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 3733398
Conc: 18.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



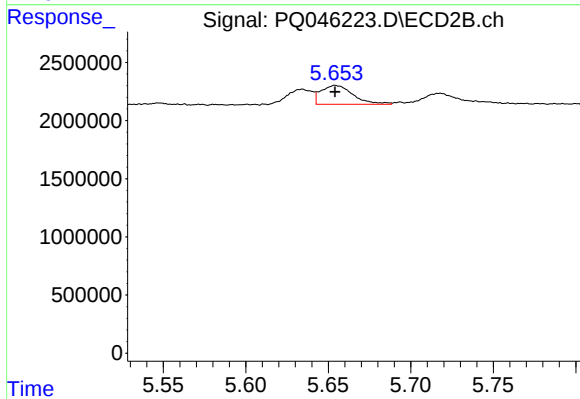
#3 AR-1016-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 1370514
Conc: 15.92 ng/ml



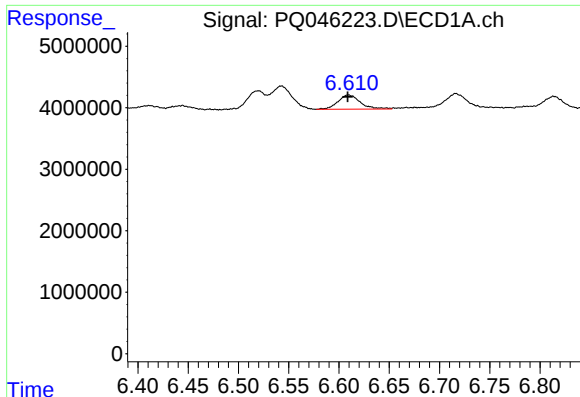
#4 AR-1016-2

R.T.: 6.543 min
Delta R.T.: 0.001 min
Response: 5526076
Conc: 16.91 ng/ml



#4 AR-1016-2

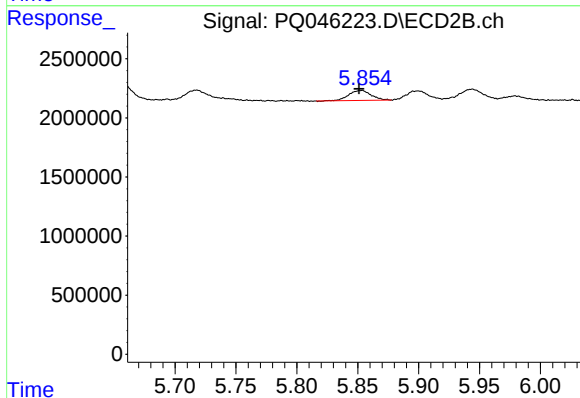
R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 2197927
Conc: 16.52 ng/ml



#5 AR-1016-3

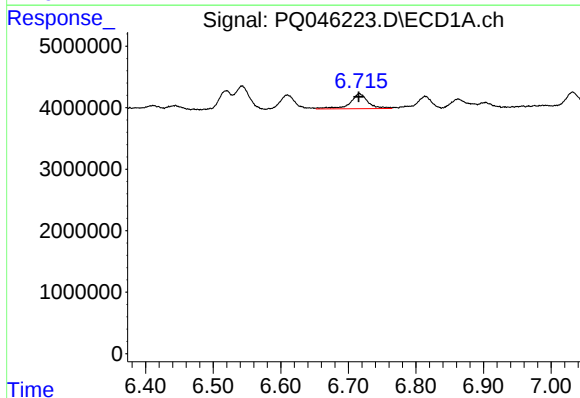
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 3591511
Conc: 17.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



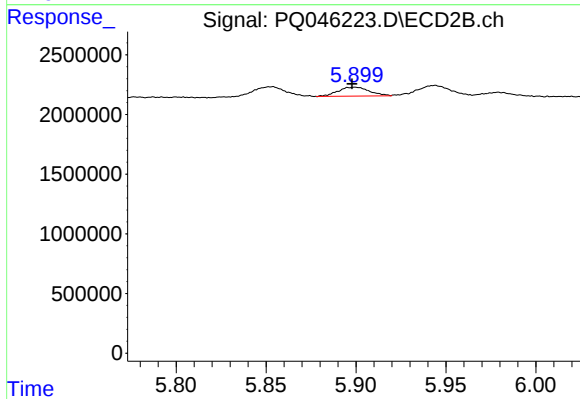
#5 AR-1016-3

R.T.: 5.853 min
Delta R.T.: 0.002 min
Response: 1083027
Conc: 16.18 ng/ml



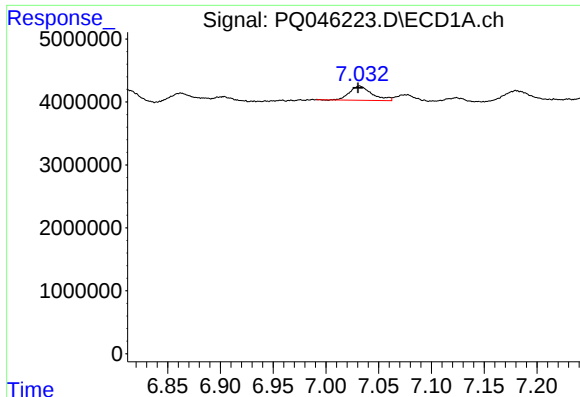
#6 AR-1016-4

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 4510276
Conc: 26.86 ng/ml



#6 AR-1016-4

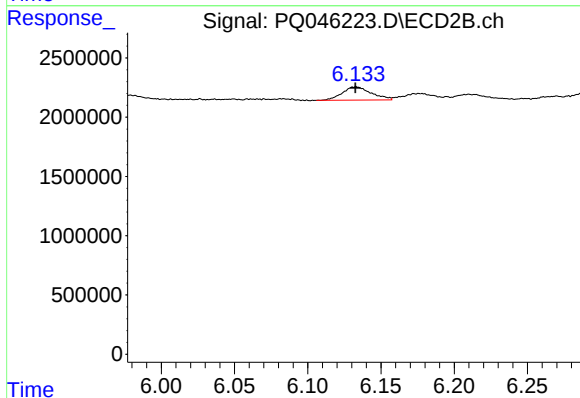
R.T.: 5.899 min
Delta R.T.: 0.002 min
Response: 919700
Conc: 16.60 ng/ml



#7 AR-1016-5

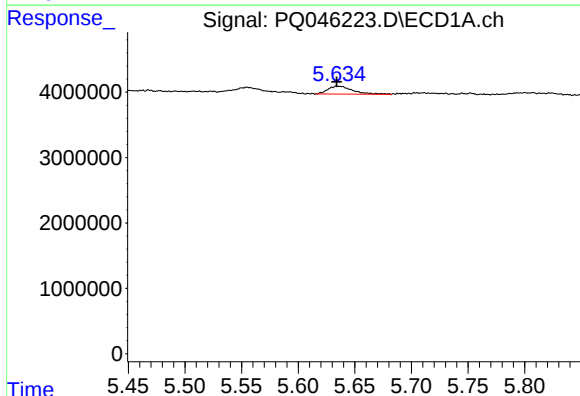
R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 3290824
Conc: 18.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



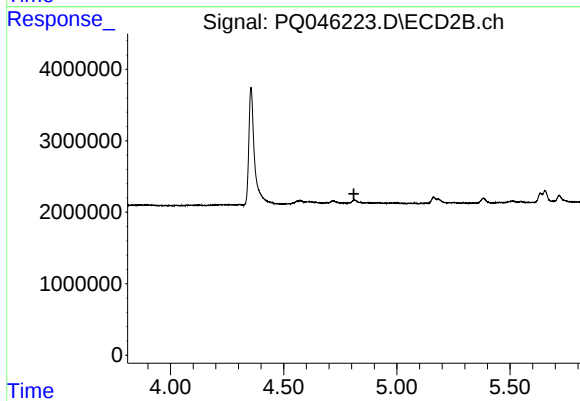
#7 AR-1016-5

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 1549883
Conc: 19.27 ng/ml



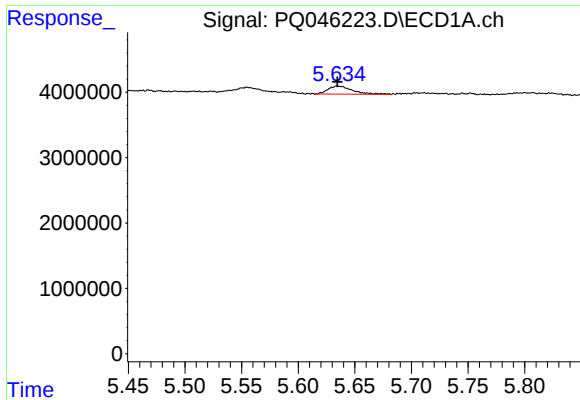
#10 AR-1221-3

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 1830922
Conc: 11.63 ng/ml



#10 AR-1221-3

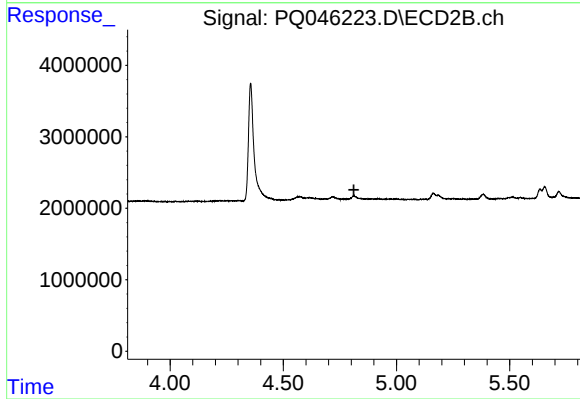
R.T.: 0.000 min
Exp R.T. : 4.810 min
Response: 0
Conc: N.D.



#11 AR-1232-1

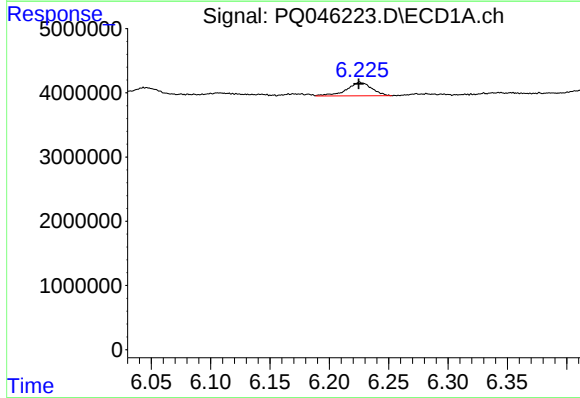
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 1830922
Conc: 16.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



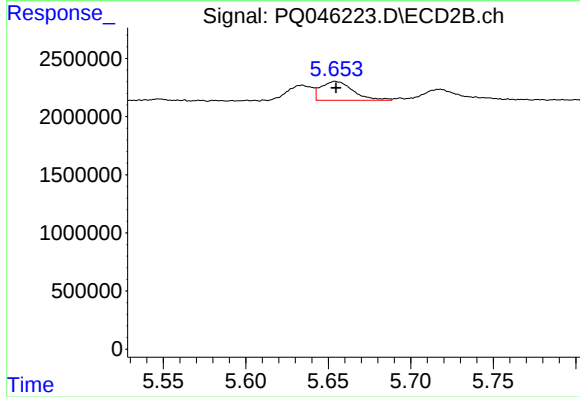
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.



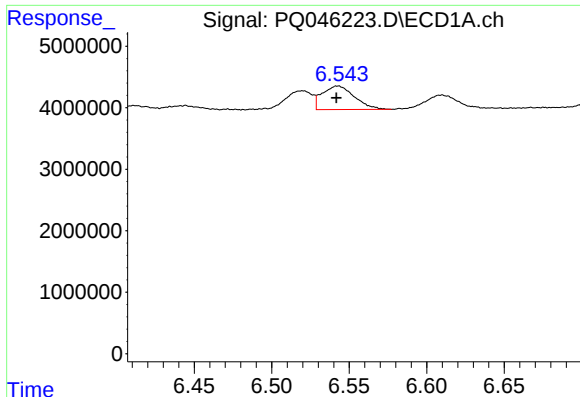
#12 AR-1232-2

R.T.: 6.226 min
Delta R.T.: 0.001 min
Response: 3070354
Conc: 47.06 ng/ml



#12 AR-1232-2

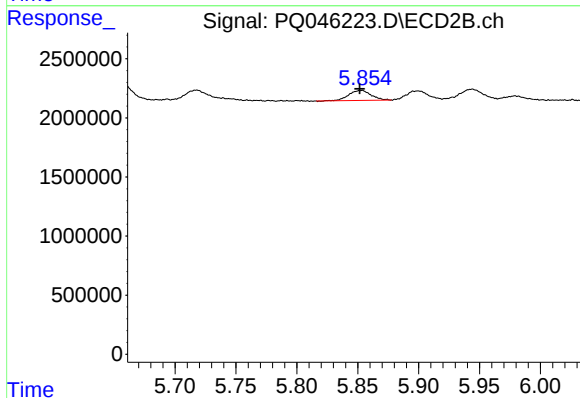
R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 2197927
Conc: 40.43 ng/ml



#13 AR-1232-3

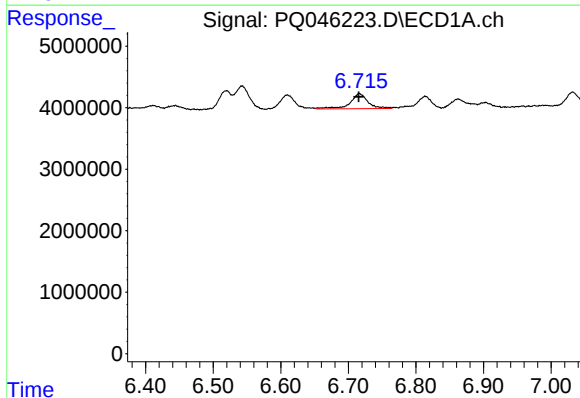
R.T.: 6.543 min
Delta R.T.: 0.001 min
Response: 5526076
Conc: 43.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



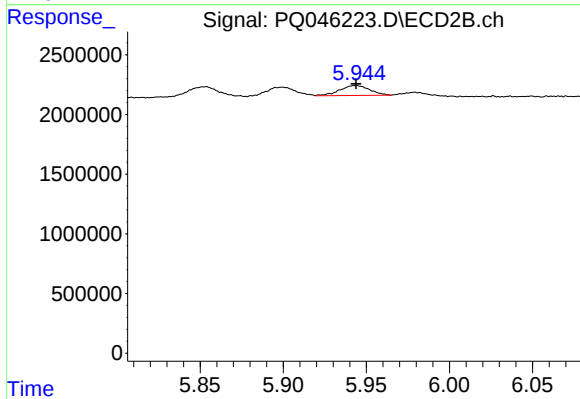
#13 AR-1232-3

R.T.: 5.853 min
Delta R.T.: 0.001 min
Response: 1083027
Conc: 43.00 ng/ml



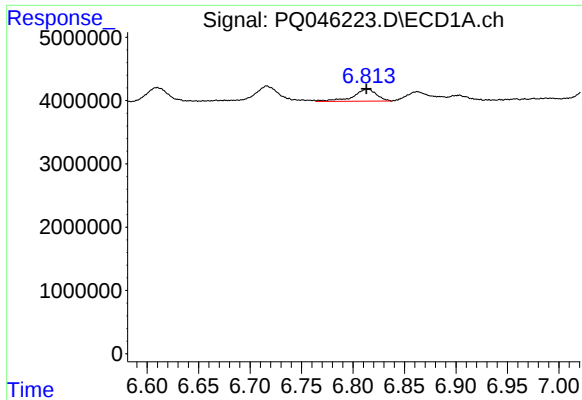
#14 AR-1232-4

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 4510276
Conc: 67.49 ng/ml



#14 AR-1232-4

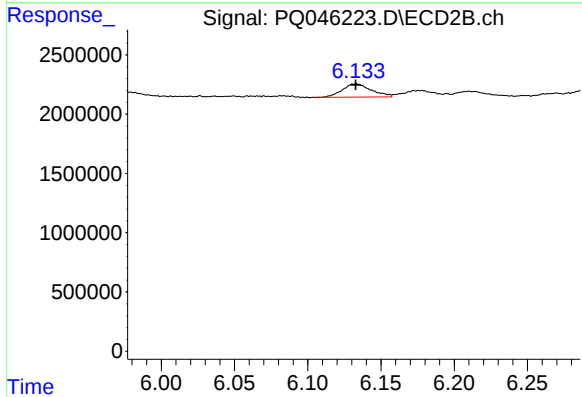
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 1055646
Conc: 42.62 ng/ml



#15 AR-1232-5

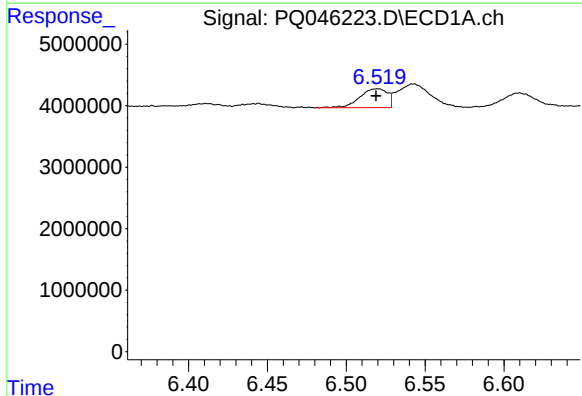
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 3006451
Conc: 54.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



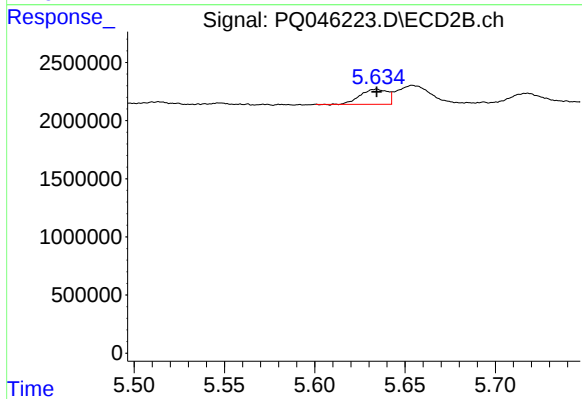
#15 AR-1232-5

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 1549883
Conc: 53.67 ng/ml



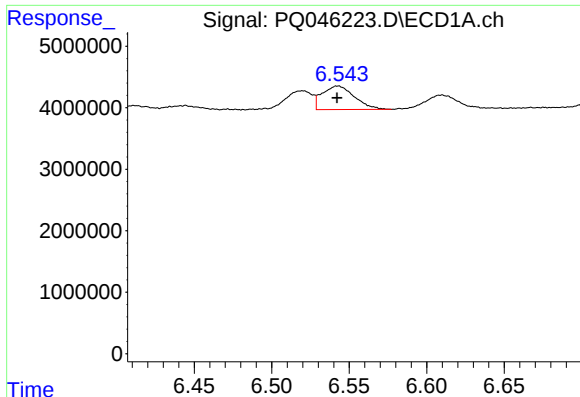
#16 AR-1242-1

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3733398
Conc: 29.75 ng/ml



#16 AR-1242-1

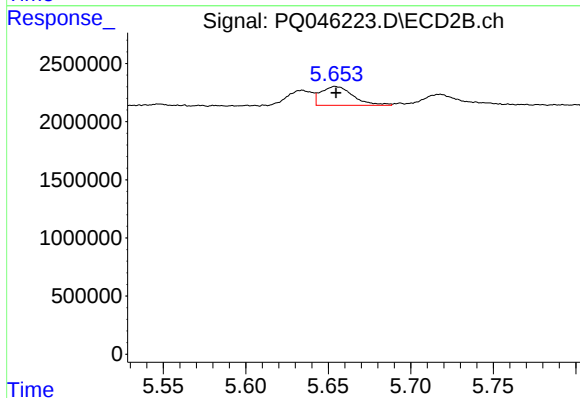
R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 1370514
Conc: 26.69 ng/ml



#17 AR-1242-2

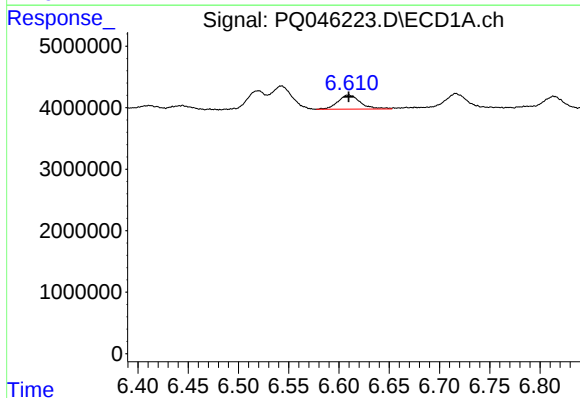
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 5526076
Conc: 27.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



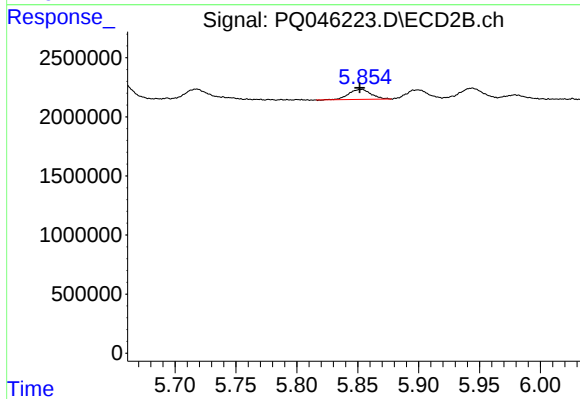
#17 AR-1242-2

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 2197927
Conc: 27.33 ng/ml



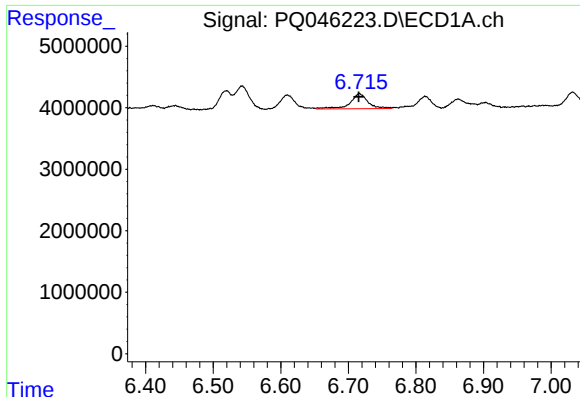
#18 AR-1242-3

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 3591511
Conc: 27.59 ng/ml



#18 AR-1242-3

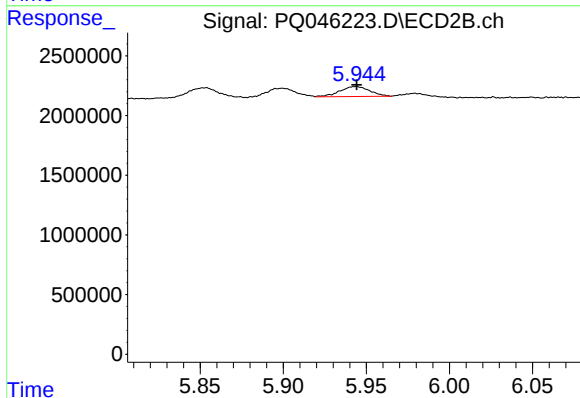
R.T.: 5.853 min
Delta R.T.: 0.001 min
Response: 1083027
Conc: 26.20 ng/ml



#19 AR-1242-4

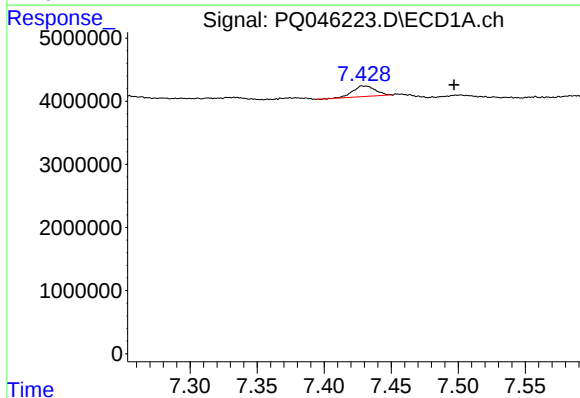
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 4510276
Conc: 42.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



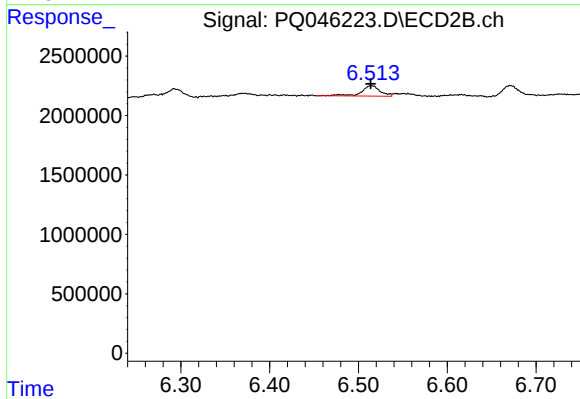
#19 AR-1242-4

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 1055646
Conc: 23.32 ng/ml



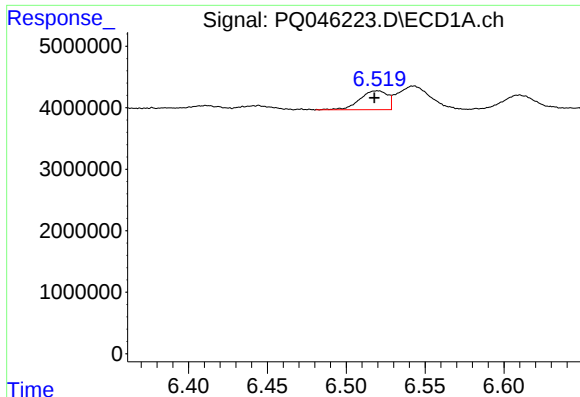
#20 AR-1242-5

R.T.: 7.430 min
Delta R.T.: -0.067 min
Response: 1920877
Conc: 14.53 ng/ml



#20 AR-1242-5

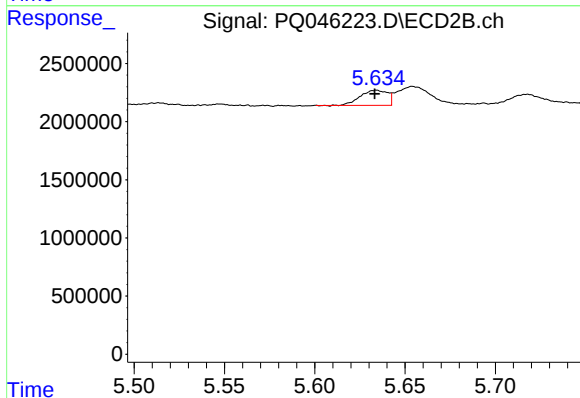
R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 1284934
Conc: 22.67 ng/ml



#21 AR-1248-1

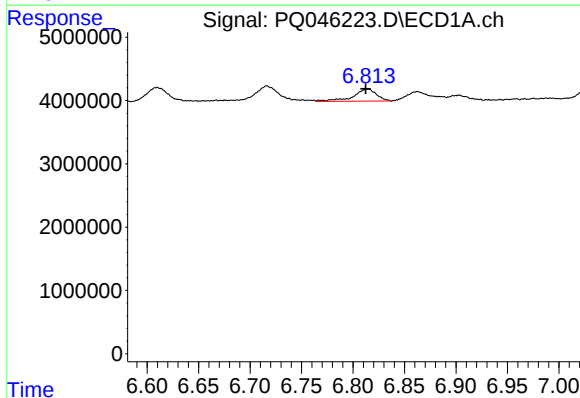
R.T.: 6.520 min
Delta R.T.: 0.002 min
Response: 3733398
Conc: 29.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



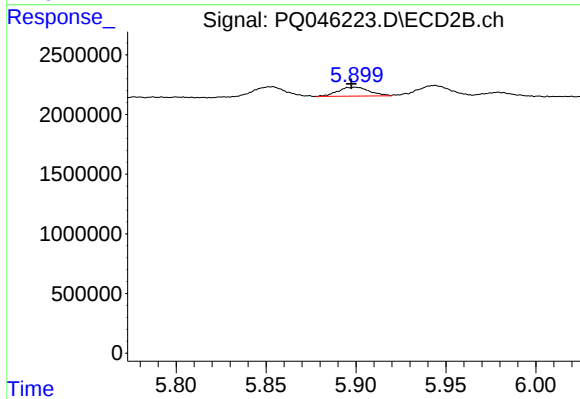
#21 AR-1248-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 1370514
Conc: 27.23 ng/ml



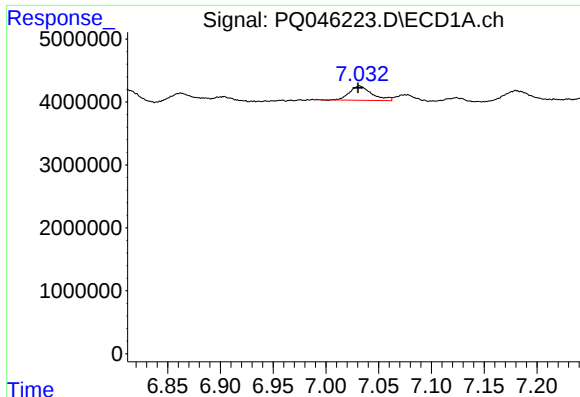
#22 AR-1248-2

R.T.: 6.814 min
Delta R.T.: 0.001 min
Response: 3006451
Conc: 15.22 ng/ml



#22 AR-1248-2

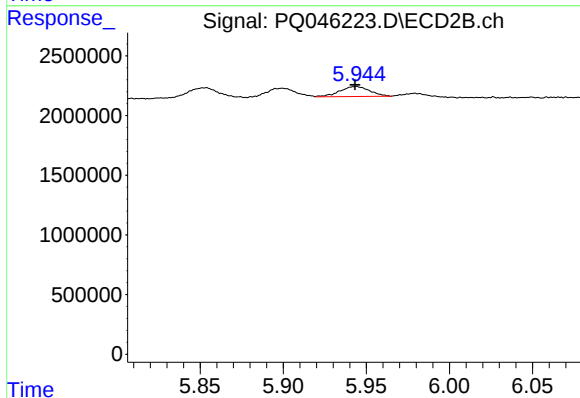
R.T.: 5.899 min
Delta R.T.: 0.002 min
Response: 919700
Conc: 11.75 ng/ml



#23 AR-1248-3

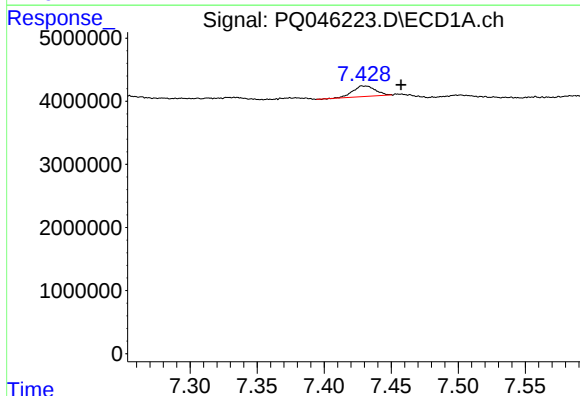
R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 3290824
Conc: 14.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



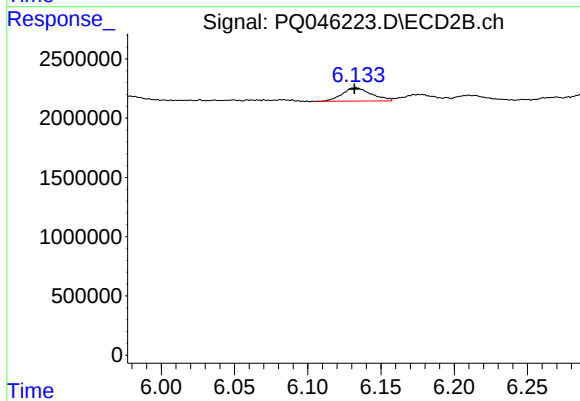
#23 AR-1248-3

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 1055646
Conc: 12.90 ng/ml



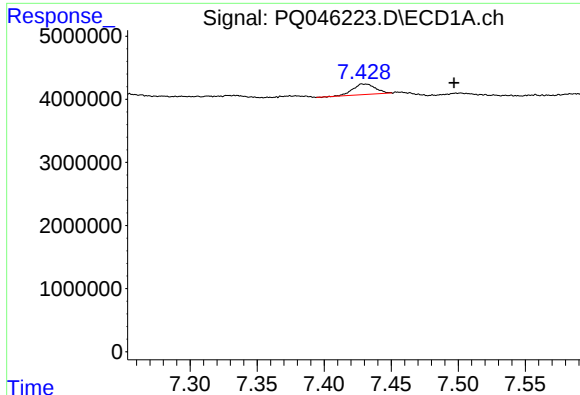
#24 AR-1248-4

R.T.: 7.430 min
Delta R.T.: -0.028 min
Response: 1920877
Conc: 7.36 ng/ml



#24 AR-1248-4

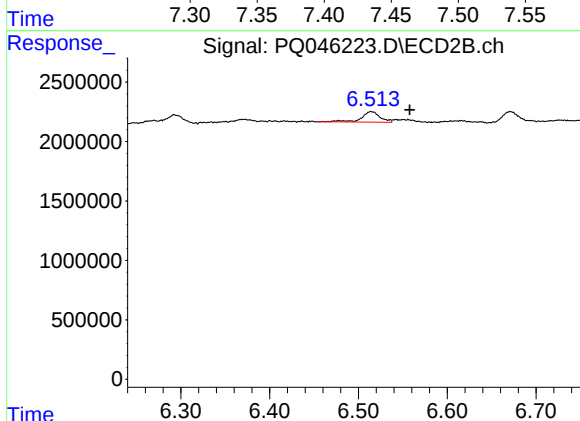
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 1549883
Conc: 14.76 ng/ml



#25 AR-1248-5

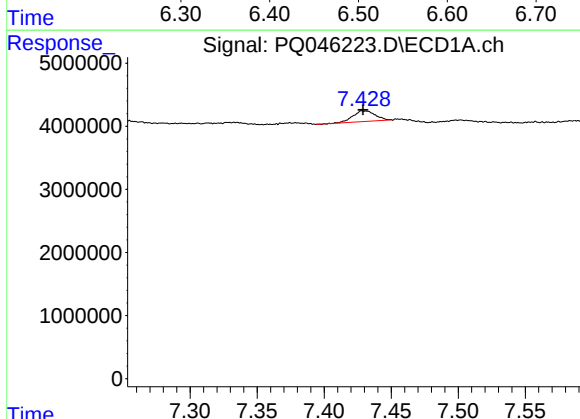
R.T.: 7.430 min
Delta R.T.: -0.067 min
Response: 1920877
Conc: 7.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



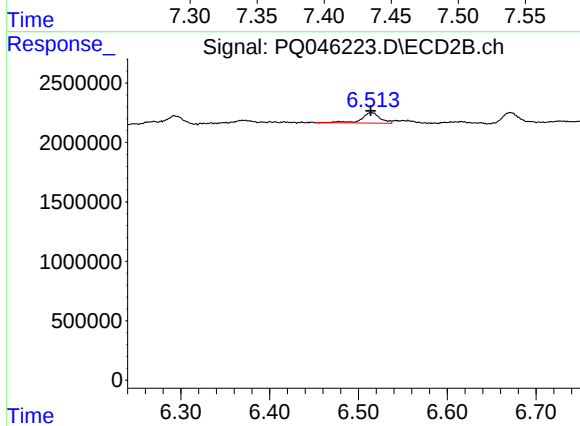
#25 AR-1248-5

R.T.: 6.514 min
Delta R.T.: -0.043 min
Response: 1284934
Conc: 12.38 ng/ml



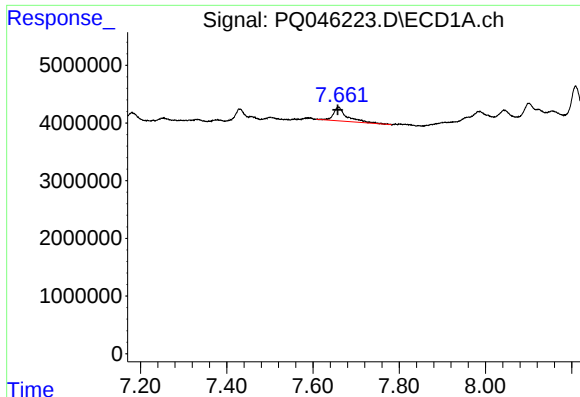
#26 AR-1254-1

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 1920877
Conc: 7.56 ng/ml



#26 AR-1254-1

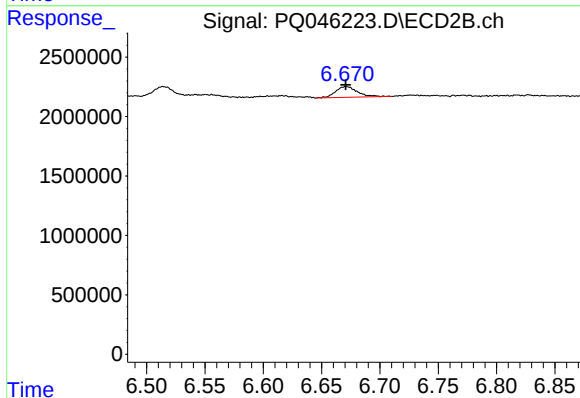
R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 1284934
Conc: 8.56 ng/ml



#27 AR-1254-2

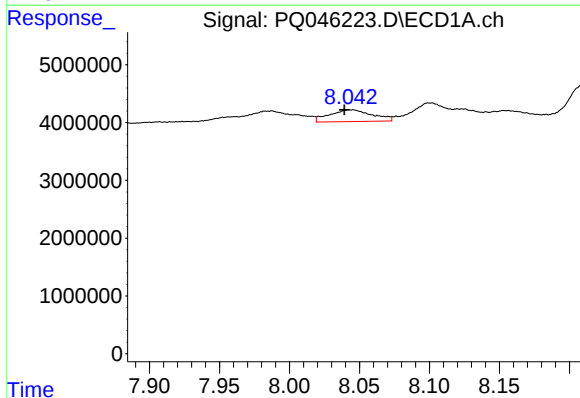
R.T.: 7.659 min
Delta R.T.: 0.001 min
Response: 5376573
Conc: 13.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



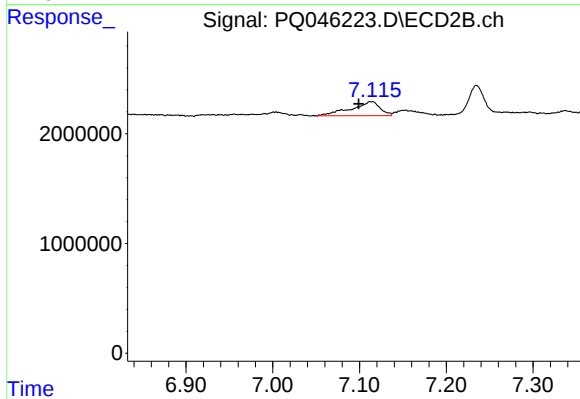
#27 AR-1254-2

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 1188890
Conc: 8.77 ng/ml



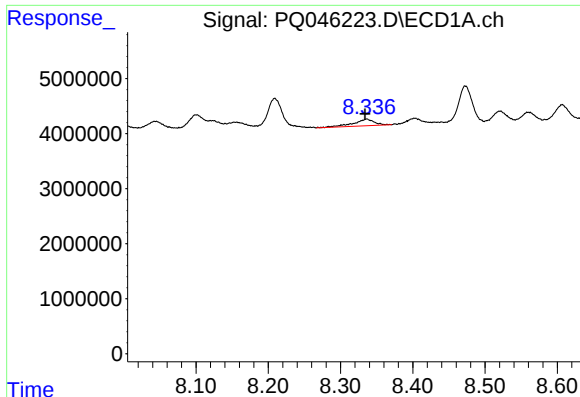
#28 AR-1254-3

R.T.: 8.043 min
Delta R.T.: 0.004 min
Response: 4334814
Conc: 9.68 ng/ml



#28 AR-1254-3

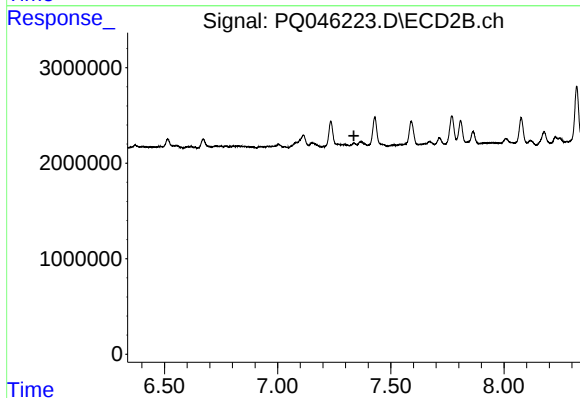
R.T.: 7.114 min
Delta R.T.: 0.015 min
Response: 2978253
Conc: 12.39 ng/ml



#29 AR-1254-4

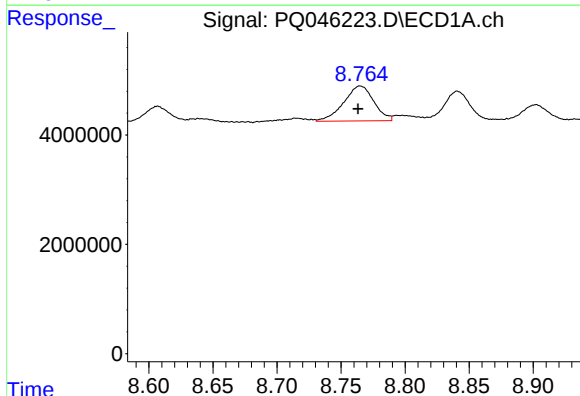
R.T.: 8.336 min
Delta R.T.: 0.003 min
Response: 2434241
Conc: 7.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



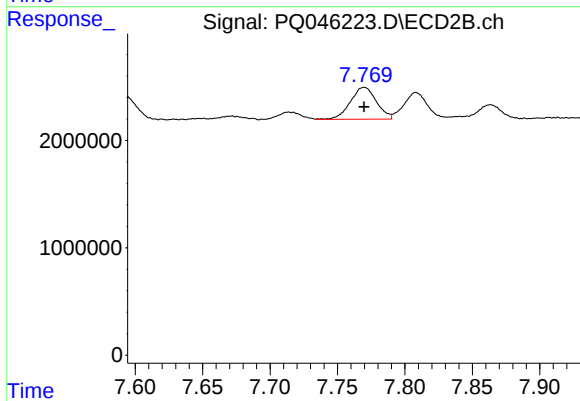
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.337 min
Response: 0
Conc: N.D.



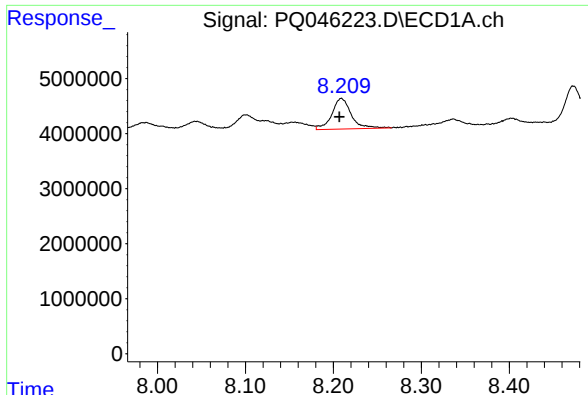
#30 AR-1254-5

R.T.: 8.765 min
Delta R.T.: 0.002 min
Response: 10494190
Conc: 26.50 ng/ml



#30 AR-1254-5

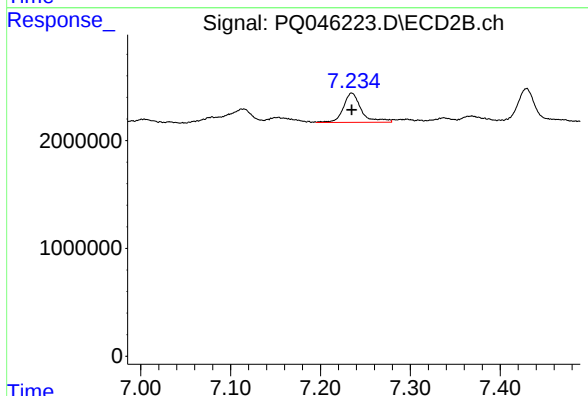
R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 4019276
Conc: 17.22 ng/ml



#31 AR-1260-1

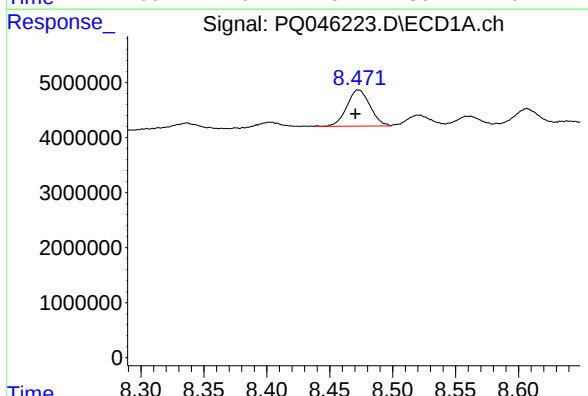
R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 8568401
Conc: 22.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



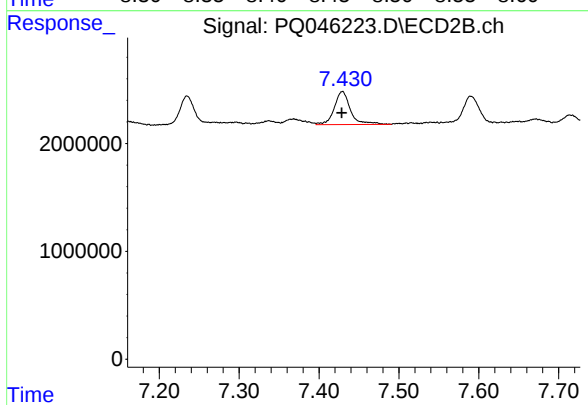
#31 AR-1260-1

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 3786195
Conc: 20.82 ng/ml



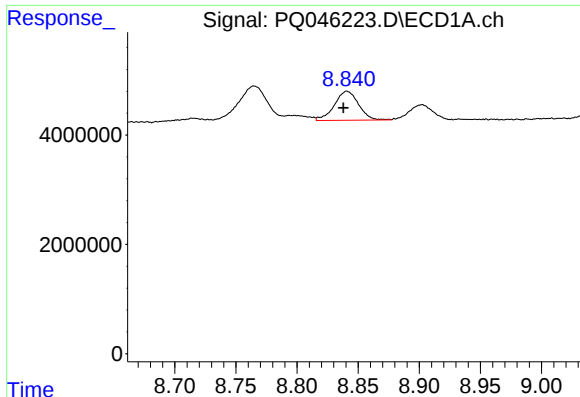
#32 AR-1260-2

R.T.: 8.473 min
Delta R.T.: 0.003 min
Response: 8407598
Conc: 17.94 ng/ml



#32 AR-1260-2

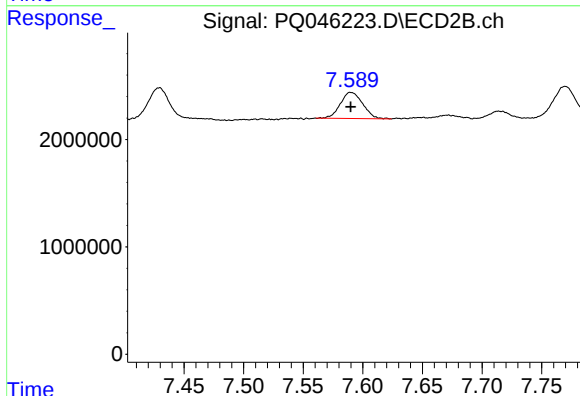
R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 4322926
Conc: 20.50 ng/ml



#33 AR-1260-3

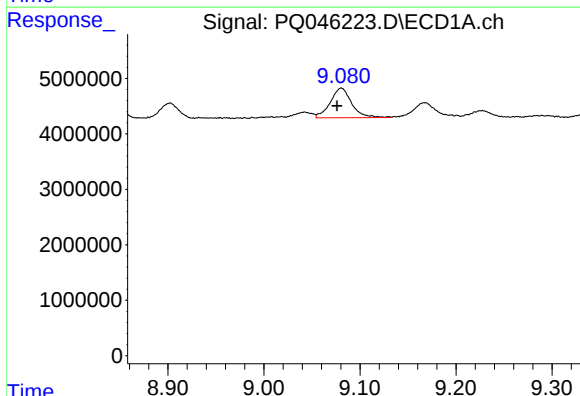
R.T.: 8.841 min
Delta R.T.: 0.003 min
Response: 7355269
Conc: 17.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



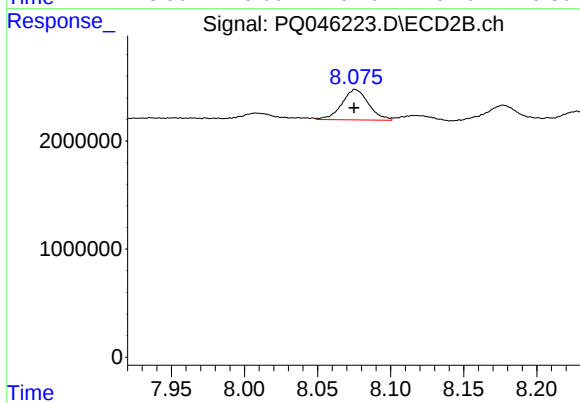
#33 AR-1260-3

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 3173489
Conc: 14.94 ng/ml



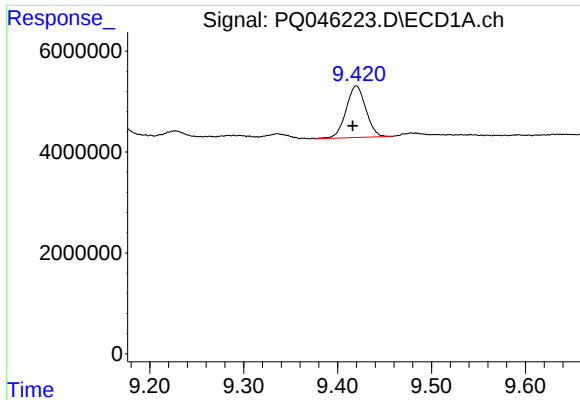
#34 AR-1260-4

R.T.: 9.081 min
Delta R.T.: 0.004 min
Response: 8212122
Conc: 17.09 ng/ml



#34 AR-1260-4

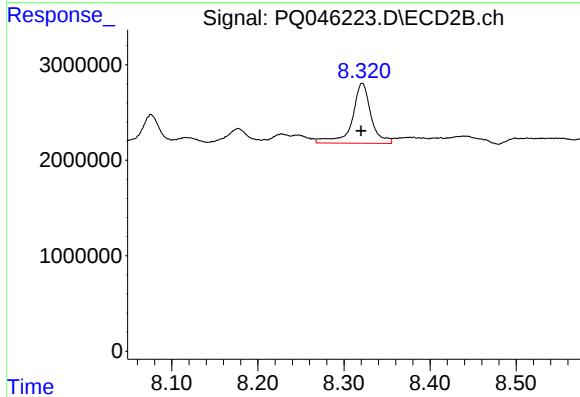
R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 3573410
Conc: 18.22 ng/ml



#35 AR-1260-5

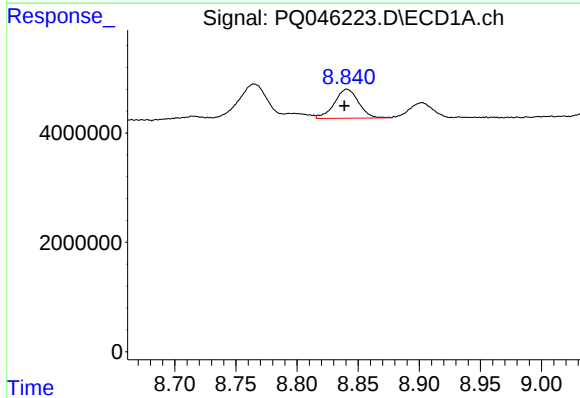
R.T.: 9.420 min
Delta R.T.: 0.004 min
Response: 14960020
Conc: 15.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



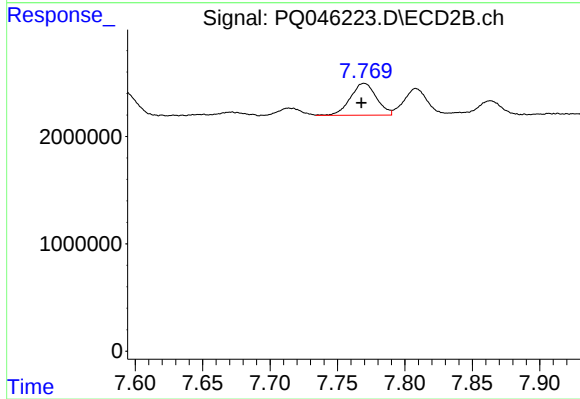
#35 AR-1260-5

R.T.: 8.321 min
Delta R.T.: 0.001 min
Response: 9560815
Conc: 19.29 ng/ml



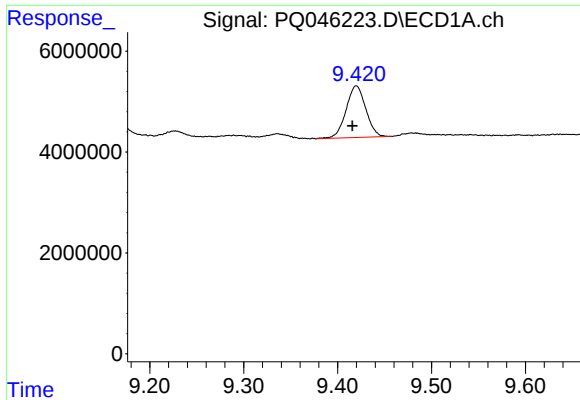
#36 AR-1262-1

R.T.: 8.841 min
Delta R.T.: 0.002 min
Response: 7355269
Conc: 13.80 ng/ml



#36 AR-1262-1

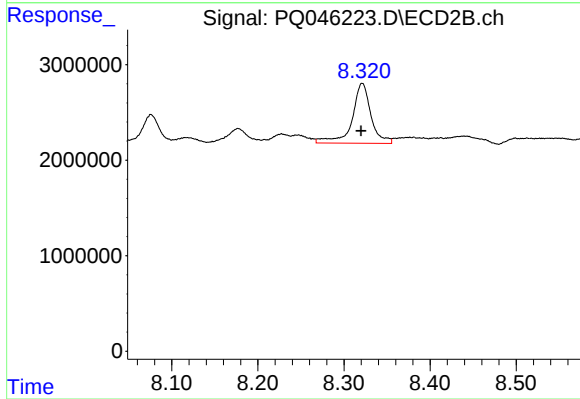
R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 4019276
Conc: 31.35 ng/ml



#37 AR-1262-2

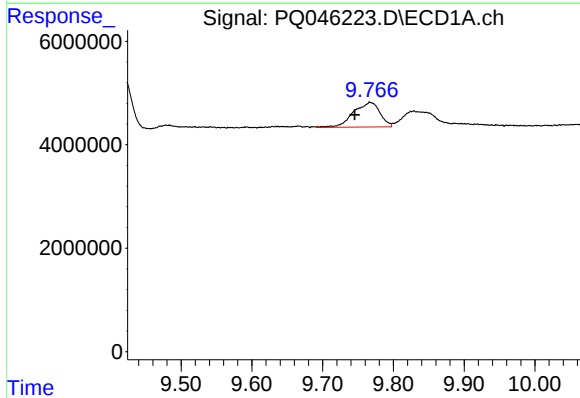
R.T.: 9.420 min
Delta R.T.: 0.004 min
Response: 14960020
Conc: 14.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



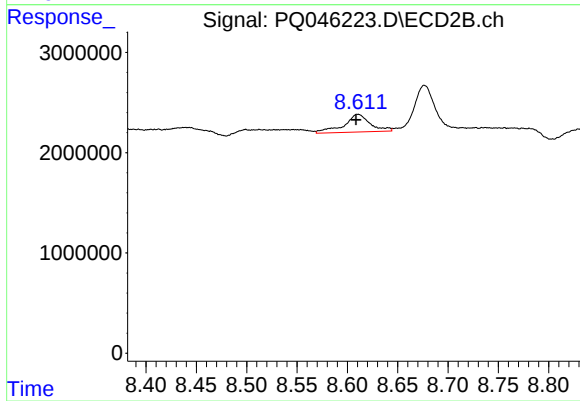
#37 AR-1262-2

R.T.: 8.321 min
Delta R.T.: 0.002 min
Response: 9560815
Conc: 18.05 ng/ml



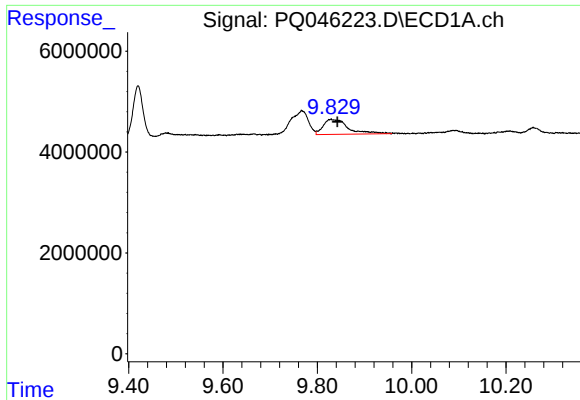
#38 AR-1262-3

R.T.: 9.767 min
Delta R.T.: 0.022 min
Response: 12444488
Conc: 16.90 ng/ml



#38 AR-1262-3

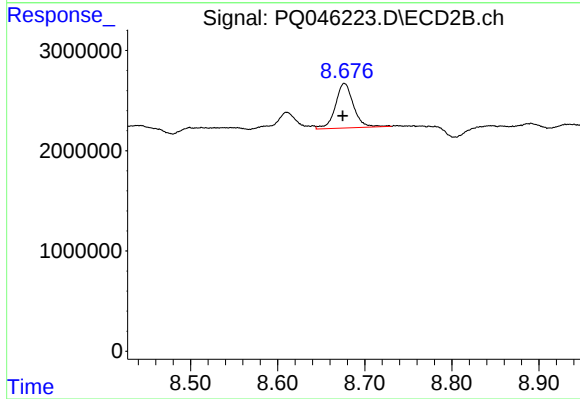
R.T.: 8.611 min
Delta R.T.: 0.002 min
Response: 3204706
Conc: 15.41 ng/ml



#39 AR-1262-4

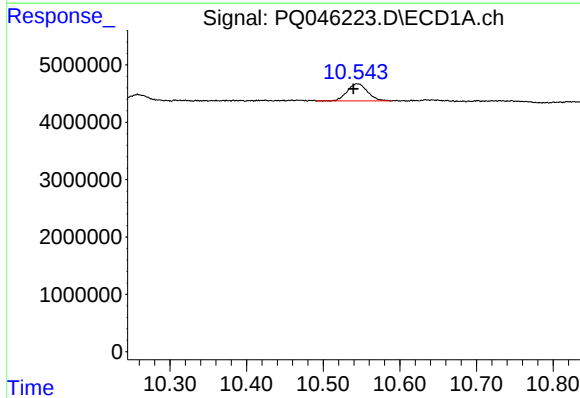
R.T.: 9.829 min
Delta R.T.: -0.013 min
Response: 10953730
Conc: 17.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



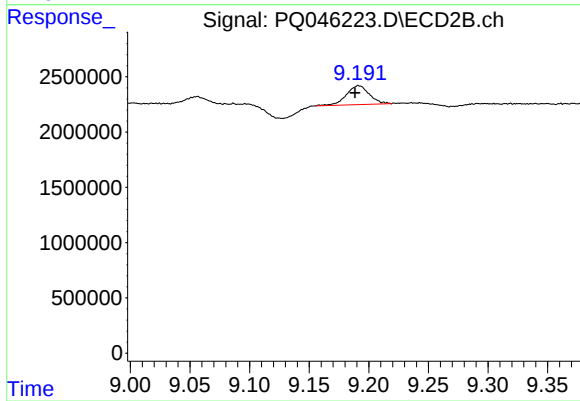
#39 AR-1262-4

R.T.: 8.677 min
Delta R.T.: 0.002 min
Response: 6397875
Conc: 15.49 ng/ml



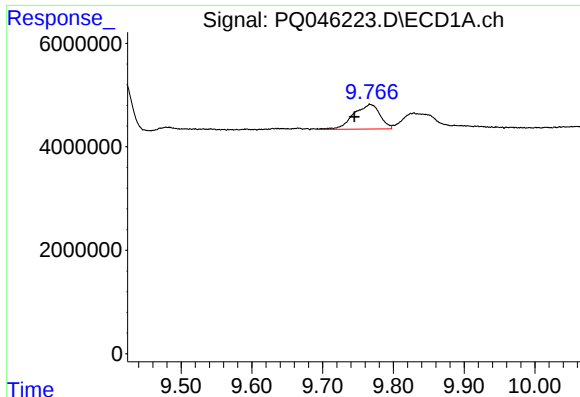
#40 AR-1262-5

R.T.: 10.545 min
Delta R.T.: 0.005 min
Response: 5538773
Conc: 12.70 ng/ml



#40 AR-1262-5

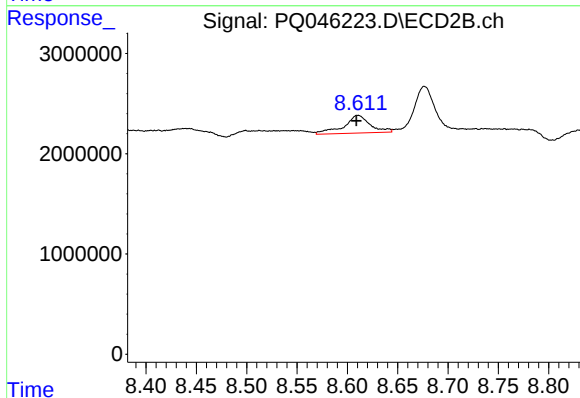
R.T.: 9.191 min
Delta R.T.: 0.003 min
Response: 2288749
Conc: 11.91 ng/ml



#41 AR-1268-1

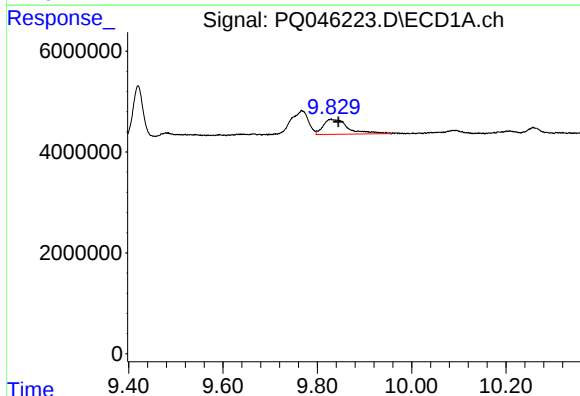
R.T.: 9.767 min
Delta R.T.: 0.022 min
Response: 12444488
Conc: 9.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



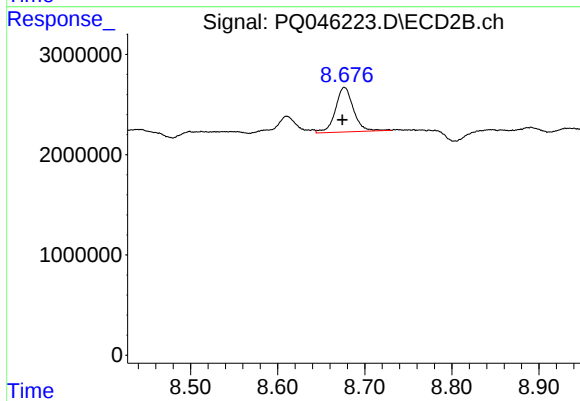
#41 AR-1268-1

R.T.: 8.611 min
Delta R.T.: 0.002 min
Response: 3204706
Conc: 4.91 ng/ml



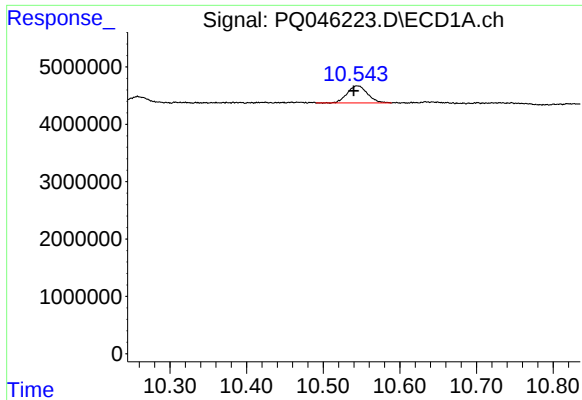
#42 AR-1268-2

R.T.: 9.829 min
Delta R.T.: -0.016 min
Response: 10953730
Conc: 7.49 ng/ml



#42 AR-1268-2

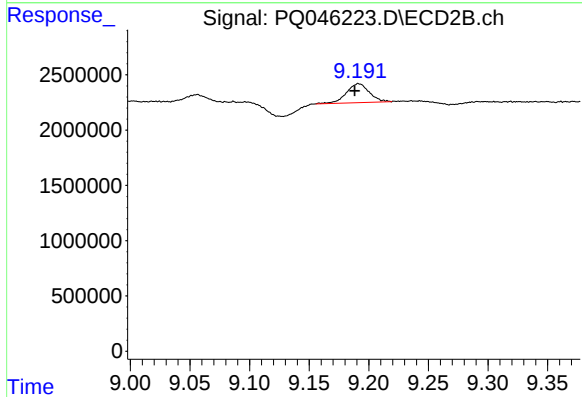
R.T.: 8.677 min
Delta R.T.: 0.002 min
Response: 6397875
Conc: 10.19 ng/ml



#44 AR-1268-4

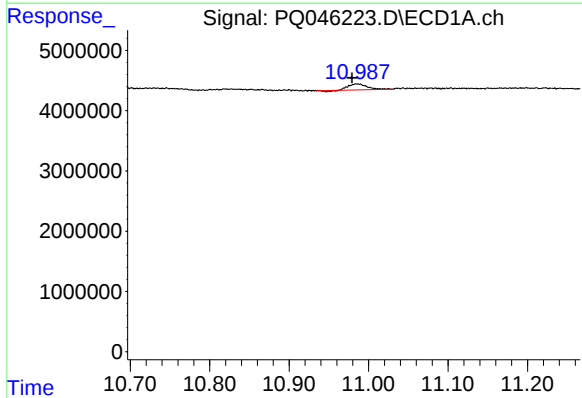
R.T.: 10.545 min
Delta R.T.: 0.005 min
Response: 5538773
Conc: 11.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



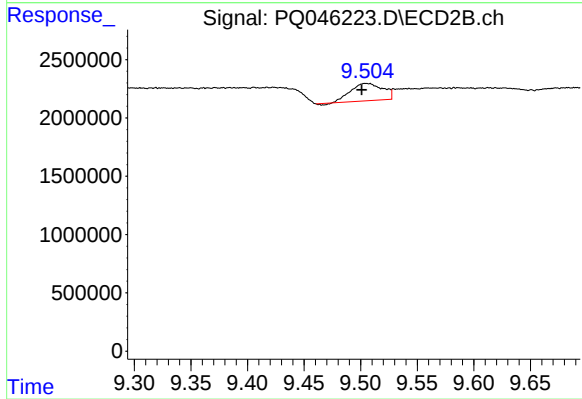
#44 AR-1268-4

R.T.: 9.191 min
Delta R.T.: 0.003 min
Response: 2288749
Conc: 10.19 ng/ml



#45 AR-1268-5

R.T.: 10.985 min
Delta R.T.: 0.005 min
Response: 1561958
Conc: 0.36 ng/ml



#45 AR-1268-5

R.T.: 9.505 min
Delta R.T.: 0.004 min
Response: 2926476
Conc: 1.58 ng/ml