

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051721\
 Data File : PQ053559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 14:54
 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 17:41:11 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...	5.221	4.236	446.3E6	201.2E6	15.458	15.618
2)	SA Decachlor...	11.406	9.573	462.8E6	230.6E6	15.495	16.244
Target Compounds							
3)	L1 AR-1016-1	6.545	5.515f	3877508	1682076	3.916	3.696
4)	L1 AR-1016-2	6.545f	5.515	3877508	1682076	2.518	2.483
5)	L1 AR-1016-3	6.640	0.000	1242763	0	1.357	N.D. #
6)	L1 AR-1016-4	6.746	5.762	950027	1145092	1.289	4.048 #
7)	L1 AR-1016-5	7.043f	0.000	2373829	0	3.291	N.D. #
8)	L2 AR-1221-1	5.471	0.000	2126056	0	7.287	N.D. #
9)	L2 AR-1221-2	5.576	4.592	18749882	2047712	88.278	20.416 #
10)	L2 AR-1221-3	5.657	0.000	11010673	0	15.776	N.D. #
11)	L3 AR-1232-1	5.657	0.000	11010673	0	21.368	N.D. #
12)	L3 AR-1232-2	6.242	5.515	19443547	1682076	69.825	6.650 #
13)	L3 AR-1232-3	6.545f	0.000	3877508	0	6.604	N.D. #
14)	L3 AR-1232-4	6.746	5.776f	950027	1333654	3.481	11.890 #
15)	L3 AR-1232-5	6.833	0.000	8633119	0	43.410	N.D. #
16)	L4 AR-1242-1	6.545	5.515f	3877508	1682076	5.548	5.241
17)	L4 AR-1242-2	6.545f	5.515	3877508	1682076	3.579	3.560
18)	L4 AR-1242-3	6.640	0.000	1242763	0	1.914	N.D. #
19)	L4 AR-1242-4	6.746	5.776f	950027	1333654	1.815	5.628 #
20)	L4 AR-1242-5	7.503f	6.367	18923479	2793674	32.418	8.757 #
21)	L5 AR-1248-1	6.545	5.515f	3877508	1682076	7.451	6.958
22)	L5 AR-1248-2	6.833	5.762	8633119	1145092	11.387	3.320 #
23)	L5 AR-1248-3	7.043f	5.776f	2373829	1333654	2.764	3.802 #
24)	L5 AR-1248-4	7.503f	0.000	18923479	0	19.453	N.D. #
25)	L5 AR-1248-5	7.503f	0.000	18923479	0	19.357	N.D. #
26)	L6 AR-1254-1	7.455	6.367	36548339	2793674	37.544	4.127 #
27)	L6 AR-1254-2	7.682	6.525	16789474	10824044	11.123	17.385 #
28)	L6 AR-1254-3	8.068	6.965f	10831680	24377572	6.932	24.553 #
29)	L6 AR-1254-4	8.364	7.186	18560761	12935425	16.002	20.831 #
30)	L6 AR-1254-5	8.788	7.613	52369830	18805544	40.671	19.448 #
31)	L7 AR-1260-1	8.233	7.083	69447661	40742673	50.991	50.505
32)	L7 AR-1260-2	8.496	7.279	61613852	36898281	35.855	32.502
33)	L7 AR-1260-3	8.862	7.437	79130263	26763622	65.656	28.055 #
34)	L7 AR-1260-4	9.106	7.917	64316044	37312367	50.498	51.351
35)	L7 AR-1260-5	9.451	8.164	115.0E6	74201370	41.853	38.738
36)	L8 AR-1262-1	8.862	7.613	79130263	18805544	45.699	39.235
37)	L8 AR-1262-2	9.451	8.164	115.0E6	74201370	37.971	36.231
38)	L8 AR-1262-3	9.781	8.450	58102071	27960028	28.276	33.195
39)	L8 AR-1262-4	9.883	8.514	64239948	55072472	37.634	38.808
40)	L8 AR-1262-5	10.598	9.016	63045770	25854944	55.387	41.936
41)	L9 AR-1268-1	9.781	8.450	58102071	27960028	16.526	12.068 #

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 Operator : DD\AJ
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 Misc : AR1262 LOD 40 PPB
 ALS Vial : 20 Sample Multiplier: 1

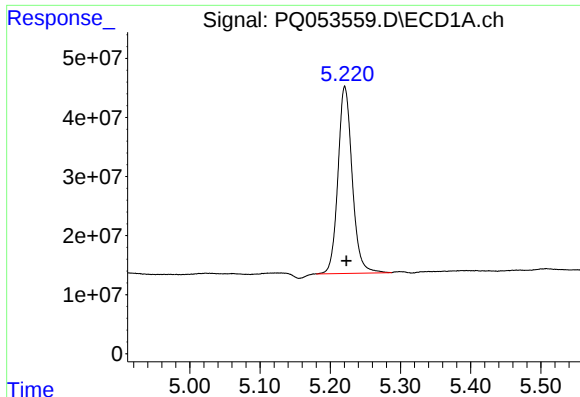
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 17:41:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
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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
42) L9	AR-1268-2	9.883	8.514	64239948	55072472	19.239	28.317 #
43) L9	AR-1268-3	10.123	8.723	7748803	3801656	2.644	2.229
44) L9	AR-1268-4	10.598	9.016	63045770	25854944	54.700	40.375 #
45) L9	AR-1268-5	11.045	9.314	25987351	9438857	2.781	1.949 #

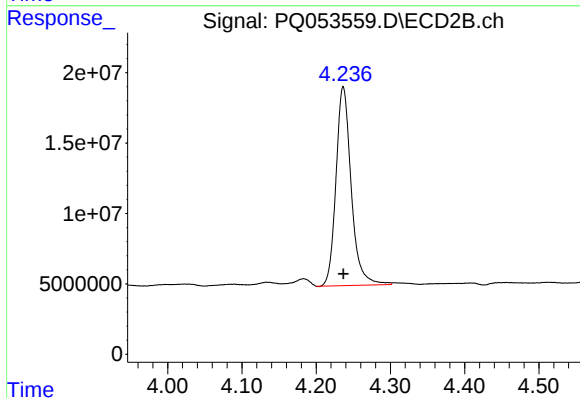
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

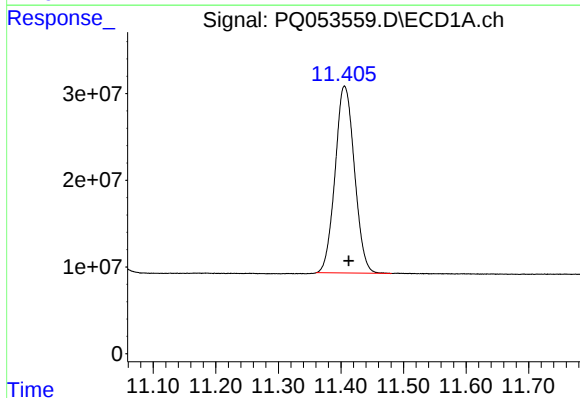
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 446283978
Conc: 15.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



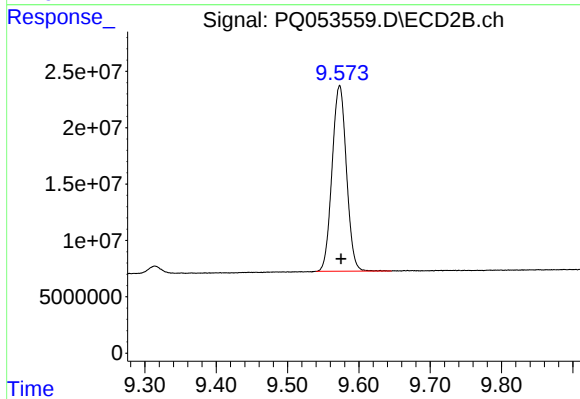
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 201239449
Conc: 15.62 ng/ml



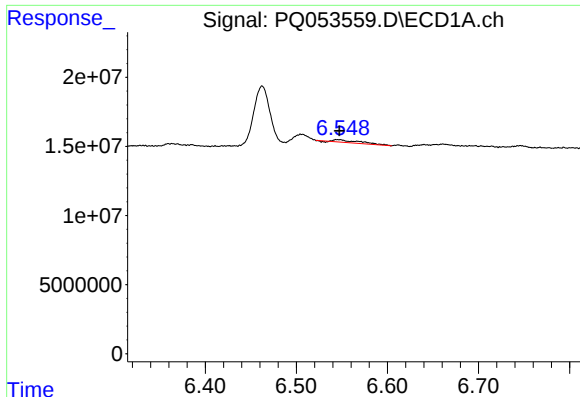
#2 Decachlorobiphenyl

R.T.: 11.406 min
Delta R.T.: -0.007 min
Response: 462784704
Conc: 15.50 ng/ml



#2 Decachlorobiphenyl

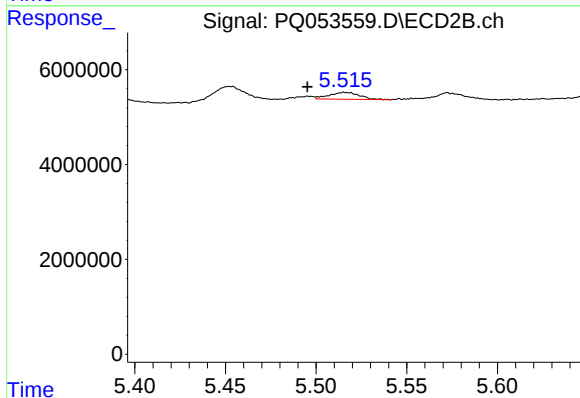
R.T.: 9.573 min
Delta R.T.: -0.002 min
Response: 230634306
Conc: 16.24 ng/ml



#3 AR-1016-1

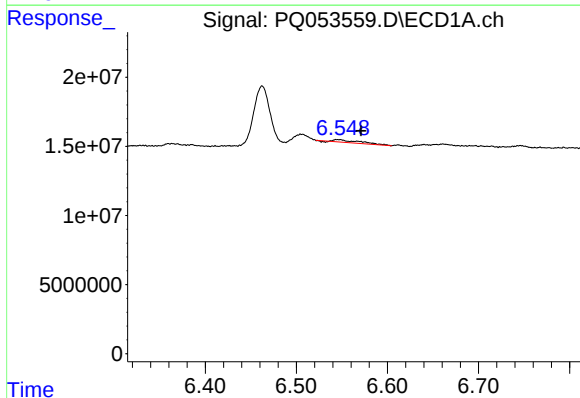
R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 3877508
Conc: 3.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



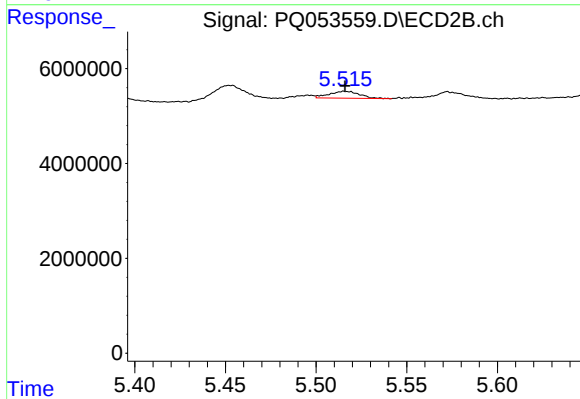
#3 AR-1016-1

R.T.: 5.515 min
Delta R.T.: 0.020 min
Response: 1682076
Conc: 3.70 ng/ml



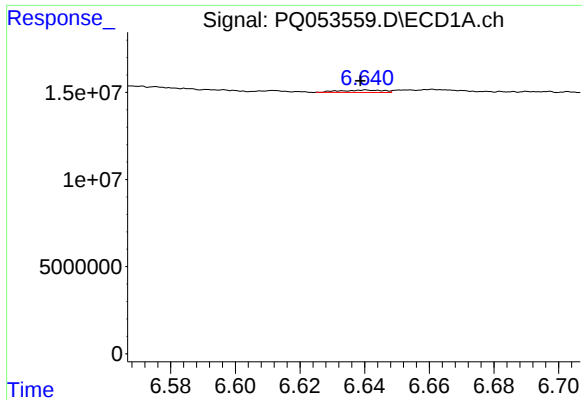
#4 AR-1016-2

R.T.: 6.545 min
Delta R.T.: -0.026 min
Response: 3877508
Conc: 2.52 ng/ml



#4 AR-1016-2

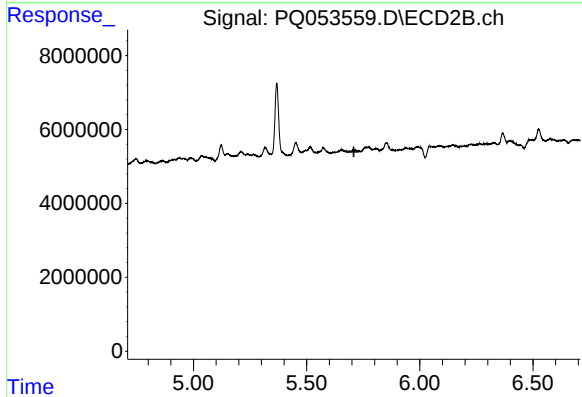
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1682076
Conc: 2.48 ng/ml



#5 AR-1016-3

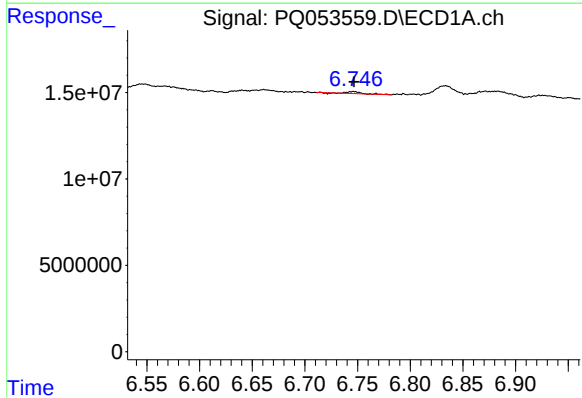
R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 1242763
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



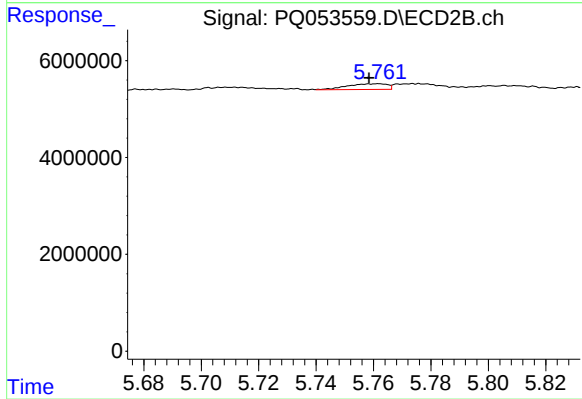
#5 AR-1016-3

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



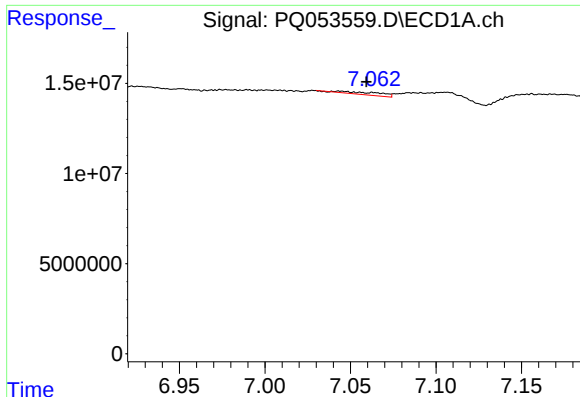
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 950027
Conc: 1.29 ng/ml



#6 AR-1016-4

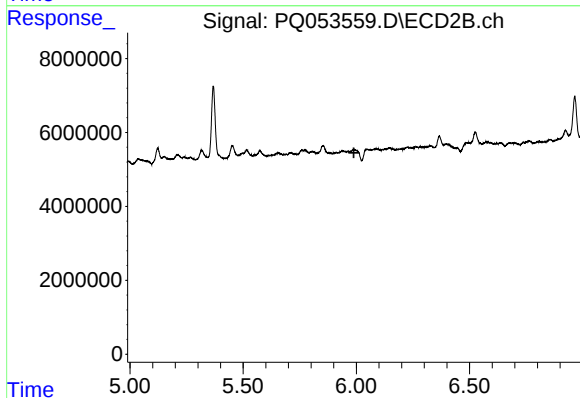
R.T.: 5.762 min
Delta R.T.: 0.003 min
Response: 1145092
Conc: 4.05 ng/ml



#7 AR-1016-5

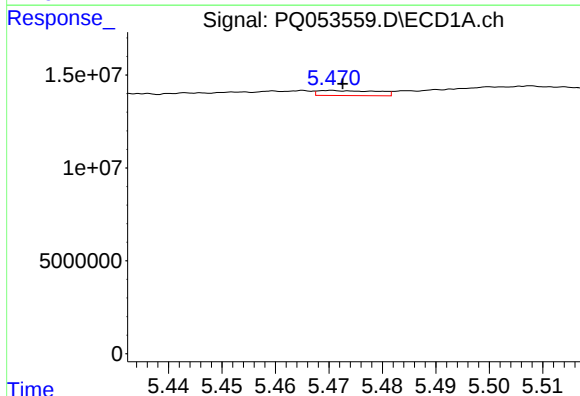
R.T.: 7.043 min
Delta R.T.: -0.016 min
Response: 2373829
Conc: 3.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



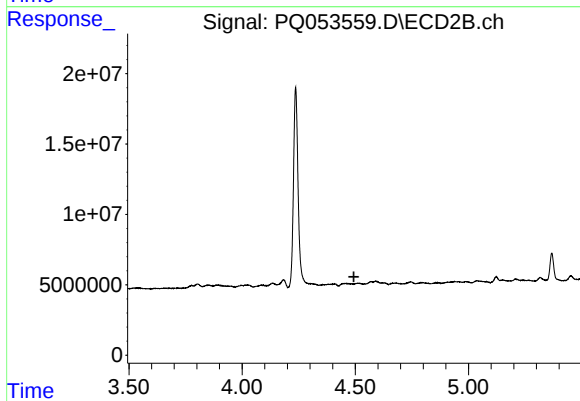
#7 AR-1016-5

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



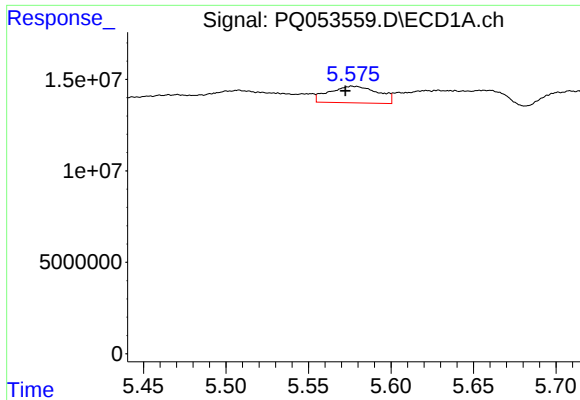
#8 AR-1221-1

R.T.: 5.471 min
Delta R.T.: -0.002 min
Response: 2126056
Conc: 7.29 ng/ml



#8 AR-1221-1

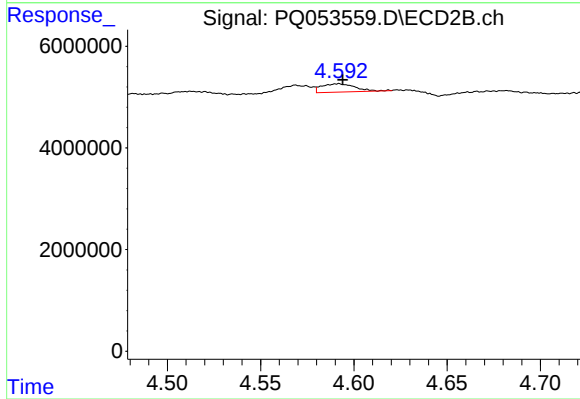
R.T.: 0.000 min
Exp R.T. : 4.494 min
Response: 0
Conc: N.D.



#9 AR-1221-2

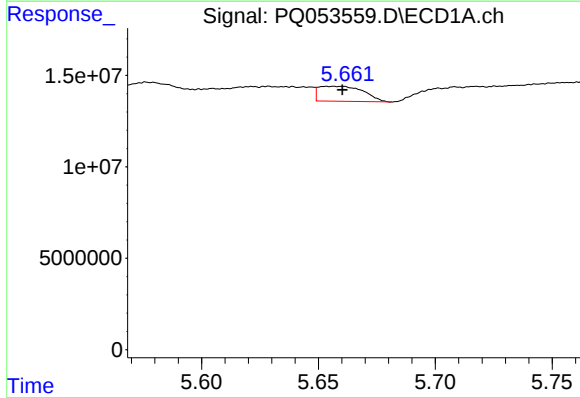
R.T.: 5.576 min
Delta R.T.: 0.004 min
Response: 18749882
Conc: 88.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



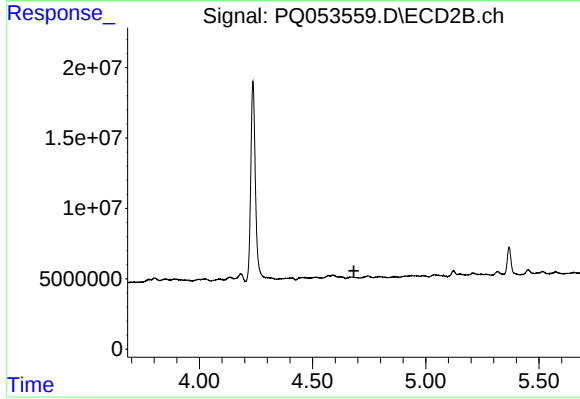
#9 AR-1221-2

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 2047712
Conc: 20.42 ng/ml



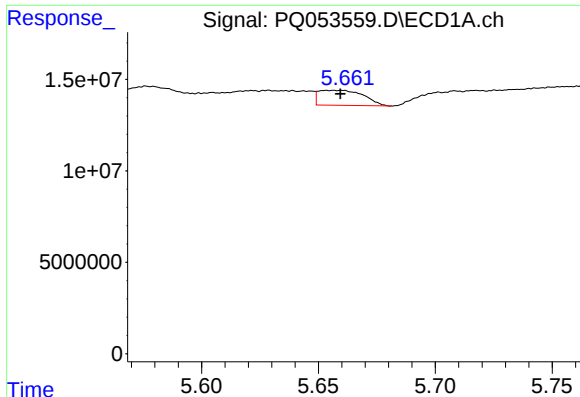
#10 AR-1221-3

R.T.: 5.657 min
Delta R.T.: -0.004 min
Response: 11010673
Conc: 15.78 ng/ml



#10 AR-1221-3

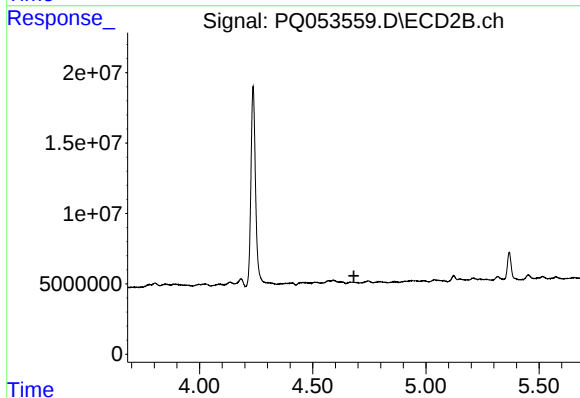
R.T.: 0.000 min
Exp R.T.: 4.683 min
Response: 0
Conc: N.D.



#11 AR-1232-1

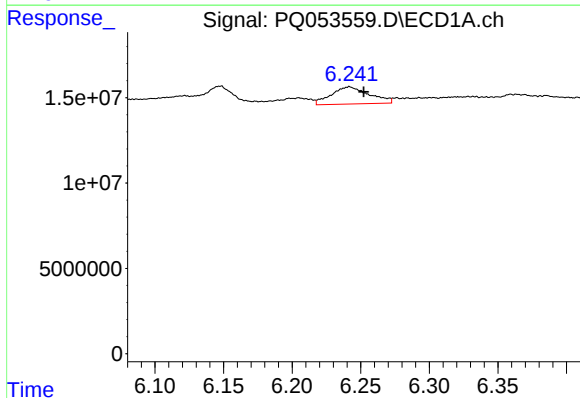
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 11010673
Conc: 21.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



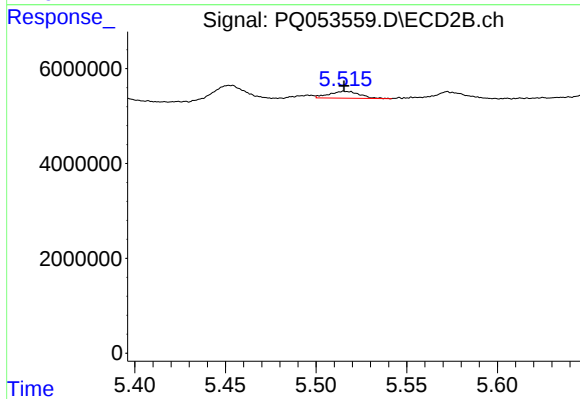
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.682 min
Response: 0
Conc: N.D.



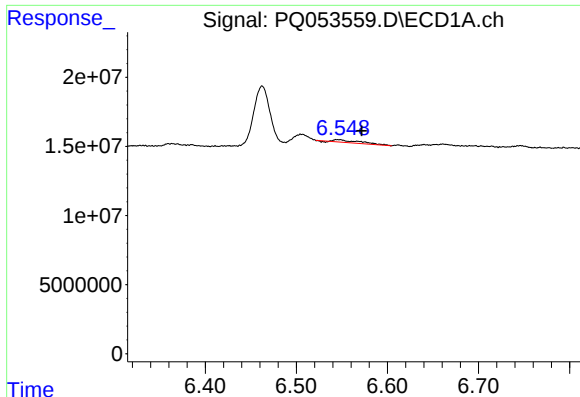
#12 AR-1232-2

R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 19443547
Conc: 69.82 ng/ml



#12 AR-1232-2

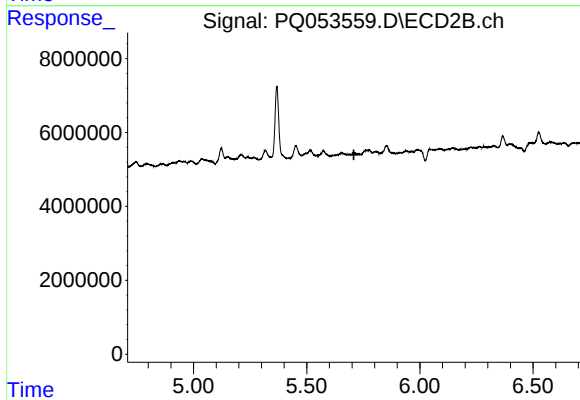
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1682076
Conc: 6.65 ng/ml



#13 AR-1232-3

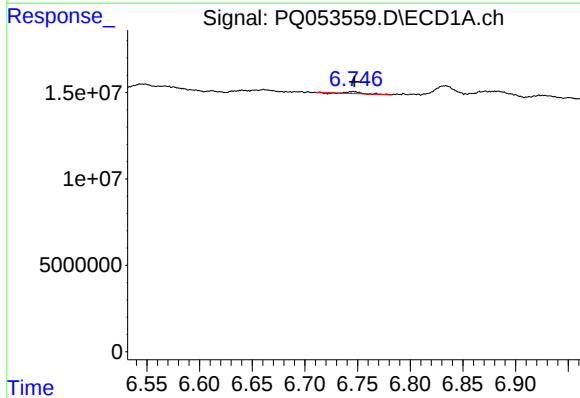
R.T.: 6.545 min
Delta R.T.: -0.027 min
Response: 3877508
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



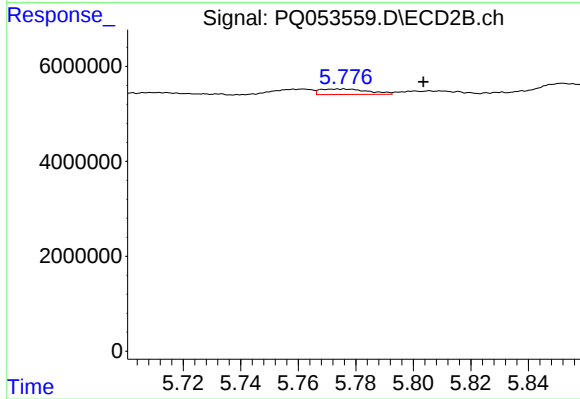
#13 AR-1232-3

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



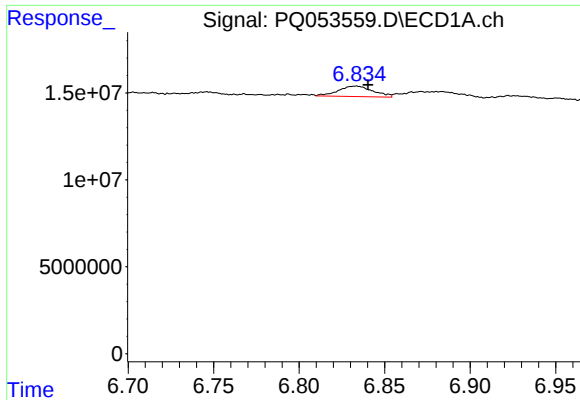
#14 AR-1232-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 950027
Conc: 3.48 ng/ml



#14 AR-1232-4

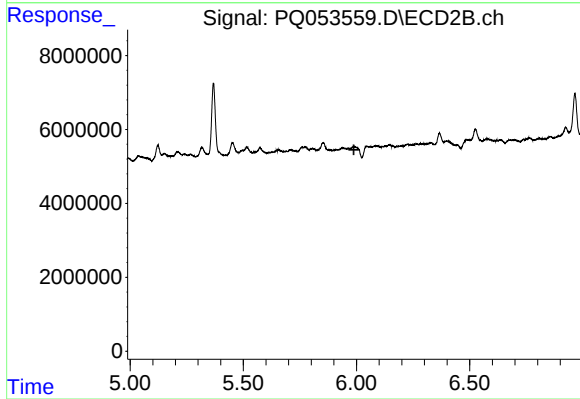
R.T.: 5.776 min
Delta R.T.: -0.028 min
Response: 1333654
Conc: 11.89 ng/ml



#15 AR-1232-5

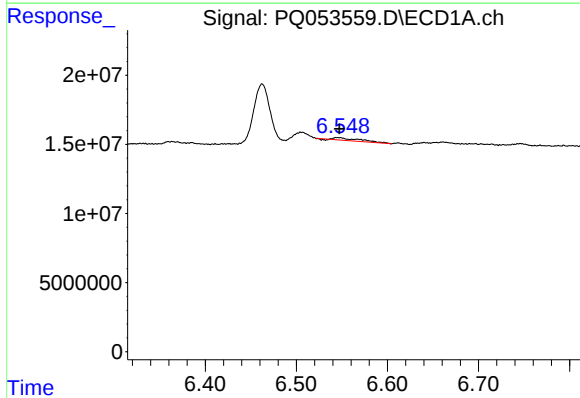
R.T.: 6.833 min
Delta R.T.: -0.007 min
Response: 8633119
Conc: 43.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



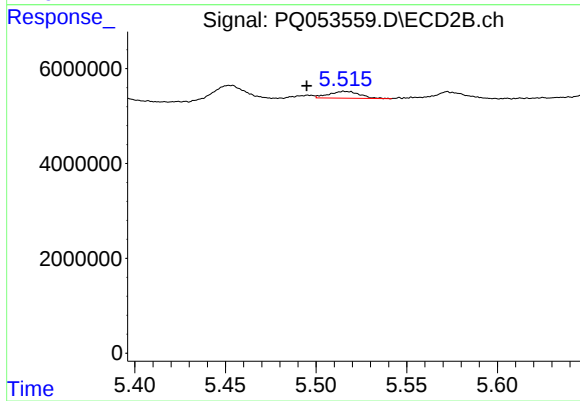
#15 AR-1232-5

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



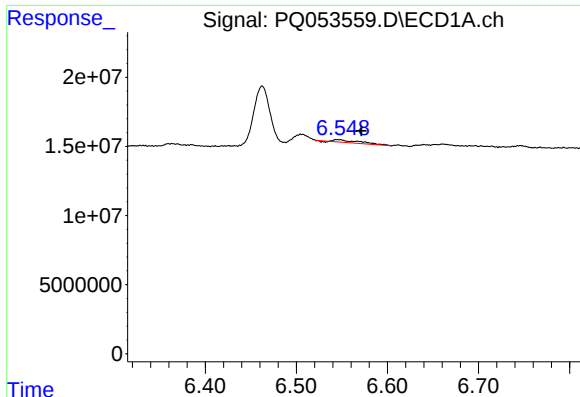
#16 AR-1242-1

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 3877508
Conc: 5.55 ng/ml



#16 AR-1242-1

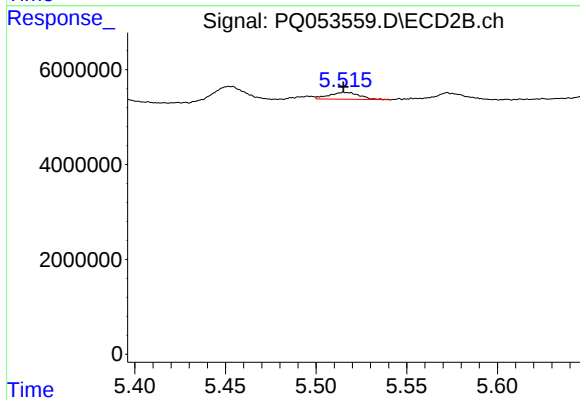
R.T.: 5.515 min
Delta R.T.: 0.020 min
Response: 1682076
Conc: 5.24 ng/ml



#17 AR-1242-2

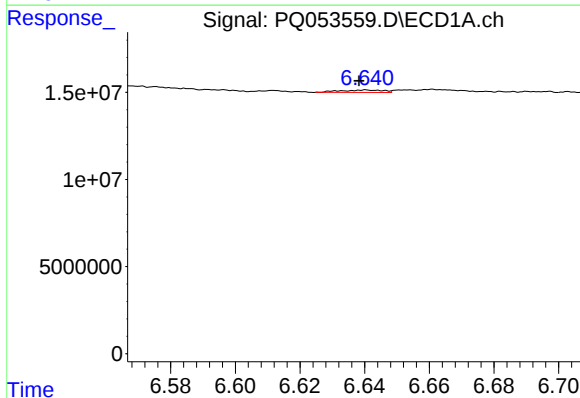
R.T.: 6.545 min
Delta R.T.: -0.026 min
Response: 3877508
Conc: 3.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



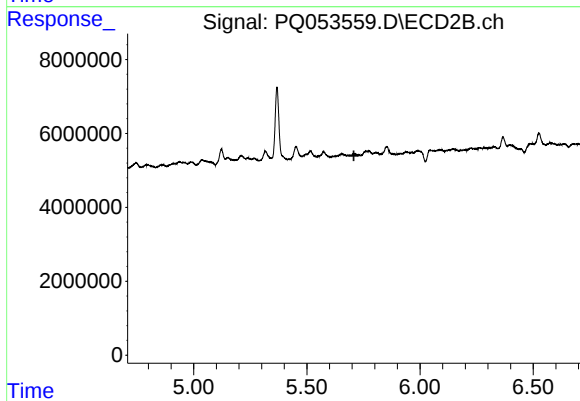
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1682076
Conc: 3.56 ng/ml



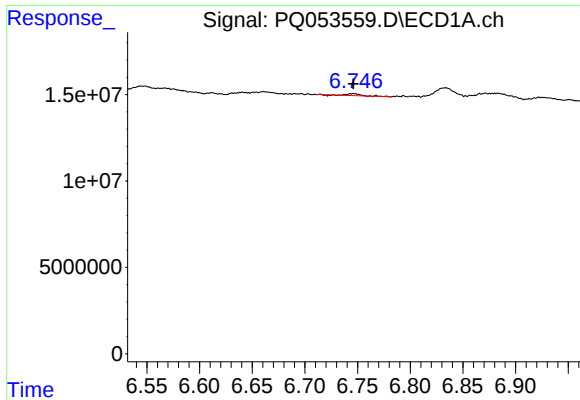
#18 AR-1242-3

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 1242763
Conc: 1.91 ng/ml



#18 AR-1242-3

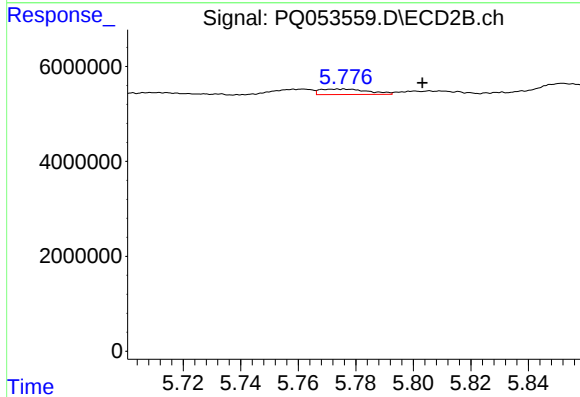
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

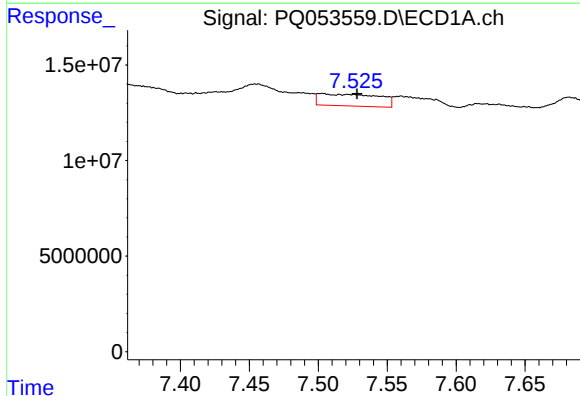
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 950027
Conc: 1.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



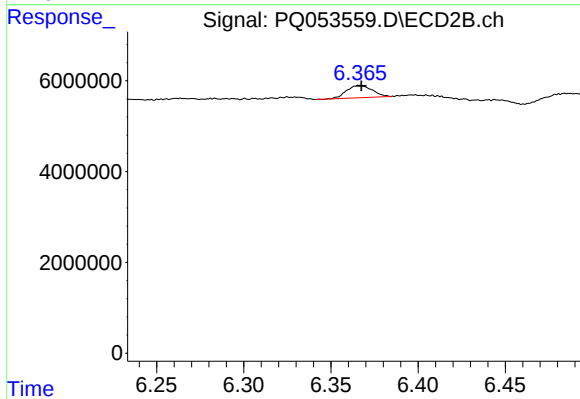
#19 AR-1242-4

R.T.: 5.776 min
Delta R.T.: -0.027 min
Response: 1333654
Conc: 5.63 ng/ml



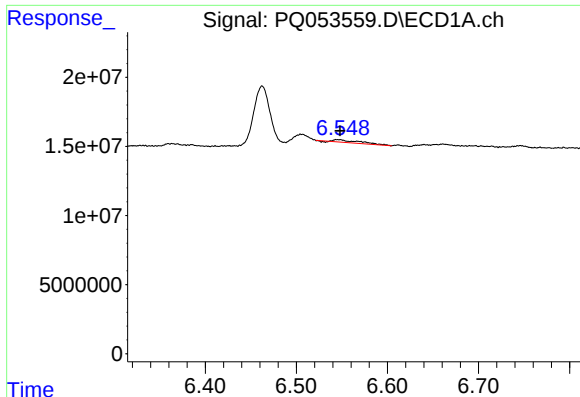
#20 AR-1242-5

R.T.: 7.503 min
Delta R.T.: -0.026 min
Response: 18923479
Conc: 32.42 ng/ml



#20 AR-1242-5

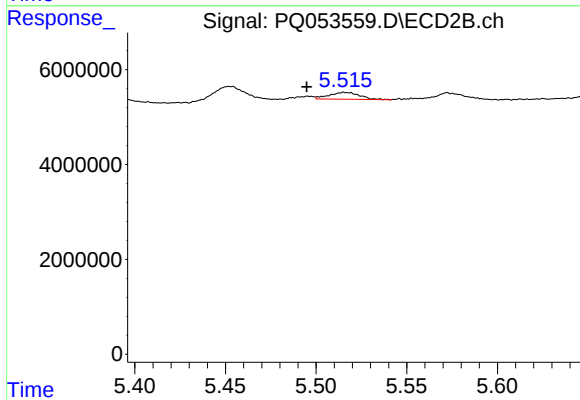
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 2793674
Conc: 8.76 ng/ml



#21 AR-1248-1

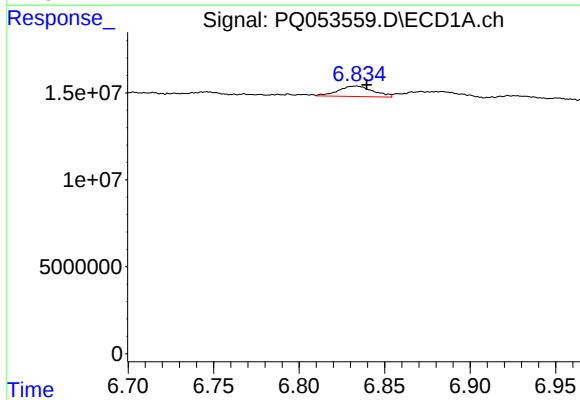
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 3877508
Conc: 7.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



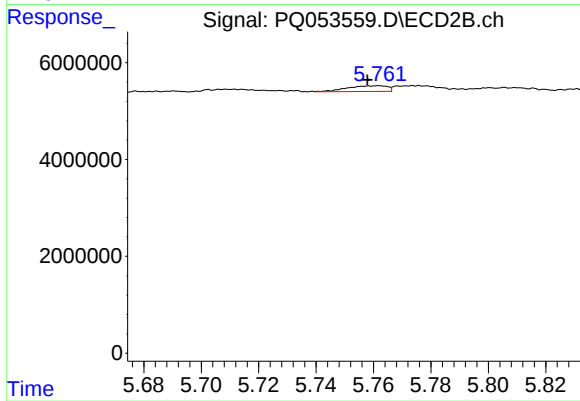
#21 AR-1248-1

R.T.: 5.515 min
Delta R.T.: 0.021 min
Response: 1682076
Conc: 6.96 ng/ml



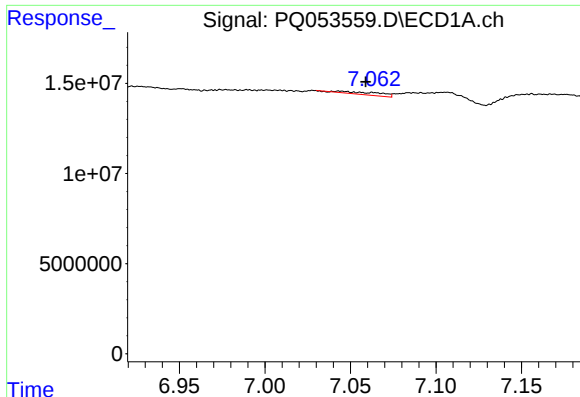
#22 AR-1248-2

R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 8633119
Conc: 11.39 ng/ml



#22 AR-1248-2

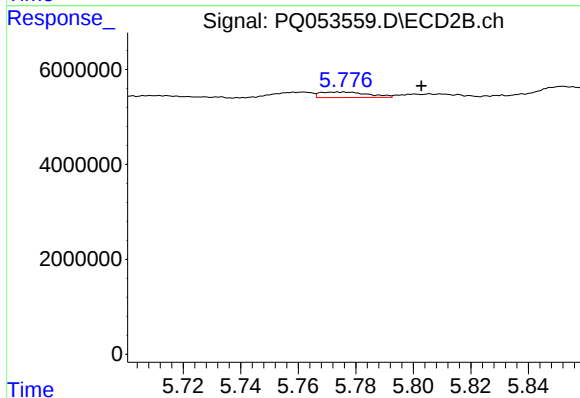
R.T.: 5.762 min
Delta R.T.: 0.004 min
Response: 1145092
Conc: 3.32 ng/ml



#23 AR-1248-3

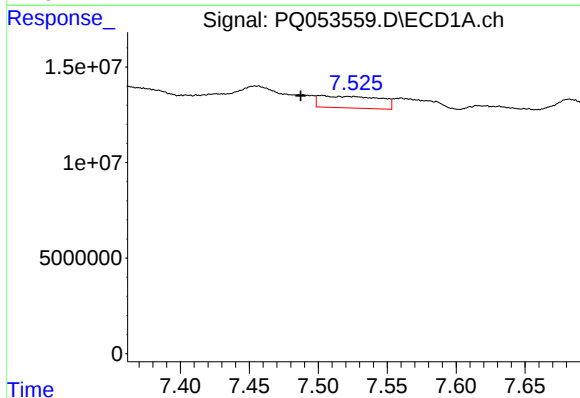
R.T.: 7.043 min
Delta R.T.: -0.016 min
Response: 2373829
Conc: 2.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



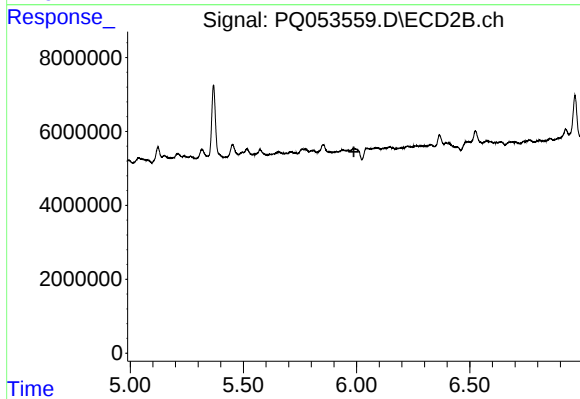
#23 AR-1248-3

R.T.: 5.776 min
Delta R.T.: -0.027 min
Response: 1333654
Conc: 3.80 ng/ml



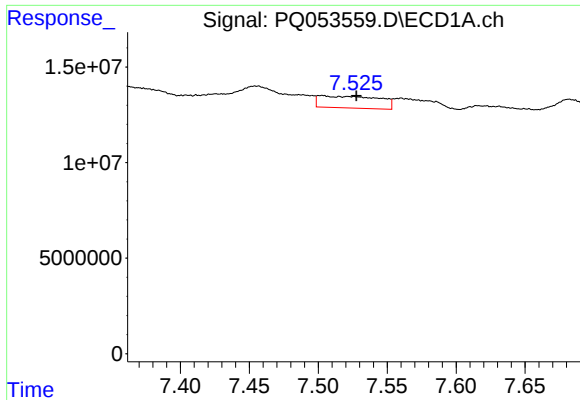
#24 AR-1248-4

R.T.: 7.503 min
Delta R.T.: 0.015 min
Response: 18923479
Conc: 19.45 ng/ml



#24 AR-1248-4

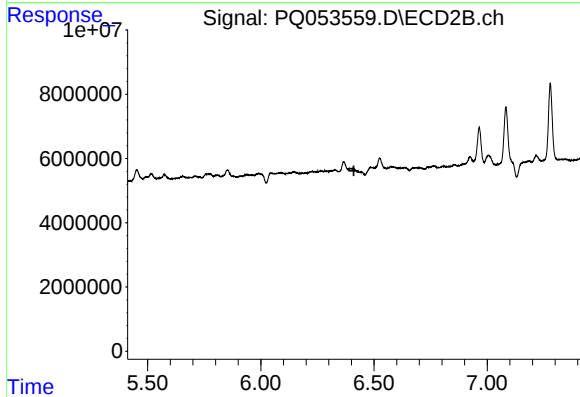
R.T.: 0.000 min
Exp R.T.: 5.988 min
Response: 0
Conc: N.D.



#25 AR-1248-5

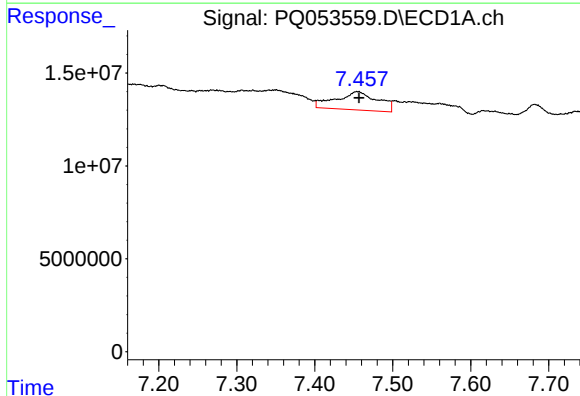
R.T.: 7.503 min
Delta R.T.: -0.025 min
Response: 18923479
Conc: 19.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



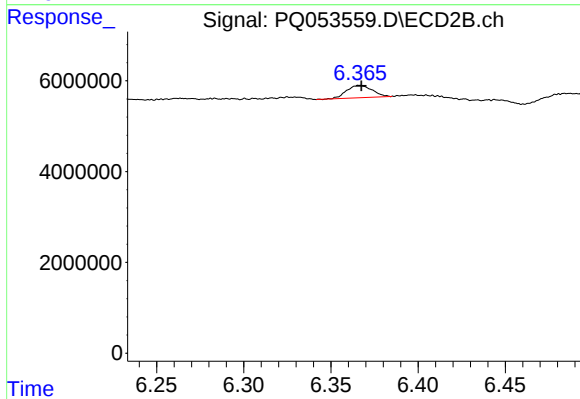
#25 AR-1248-5

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



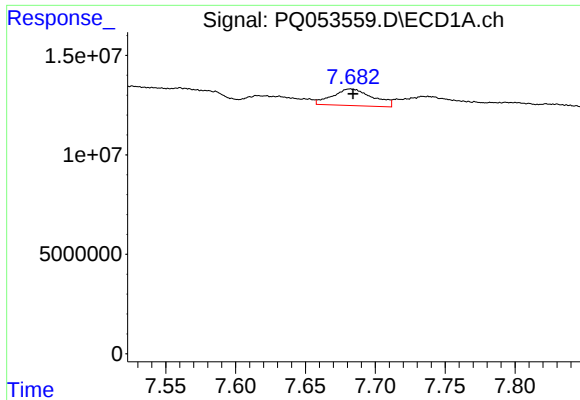
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 36548339
Conc: 37.54 ng/ml



#26 AR-1254-1

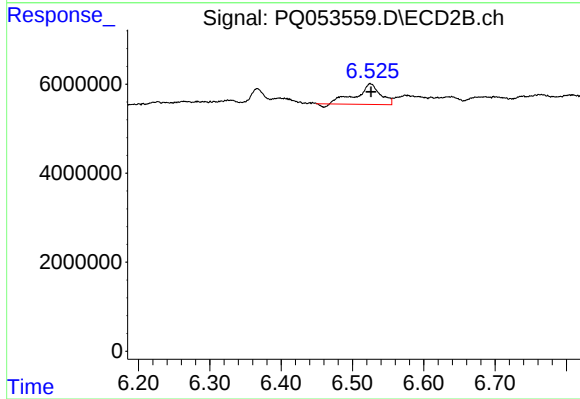
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 2793674
Conc: 4.13 ng/ml



#27 AR-1254-2

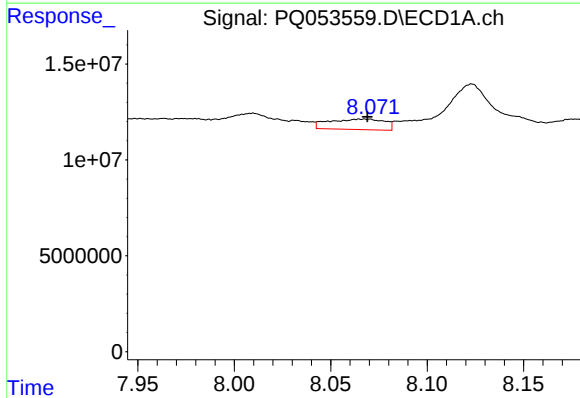
R.T.: 7.682 min
Delta R.T.: -0.002 min
Response: 16789474
Conc: 11.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



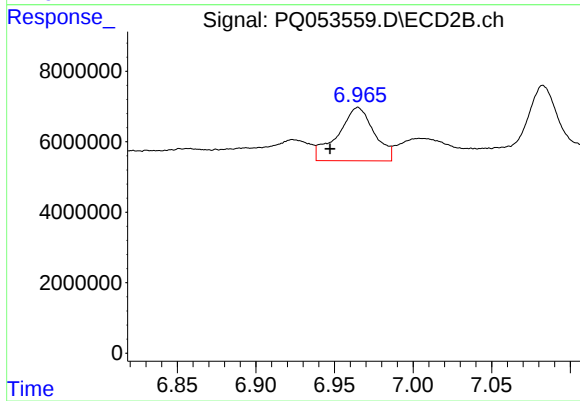
#27 AR-1254-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 10824044
Conc: 17.39 ng/ml



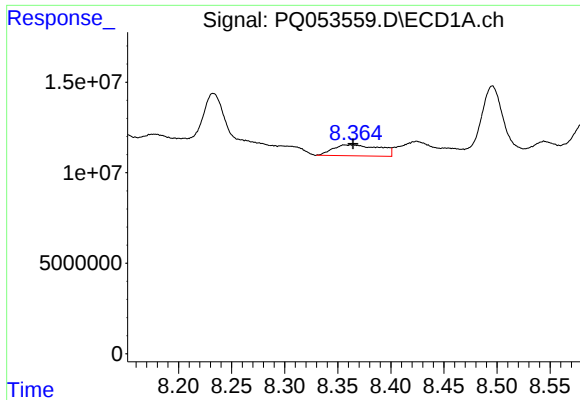
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 10831680
Conc: 6.93 ng/ml



#28 AR-1254-3

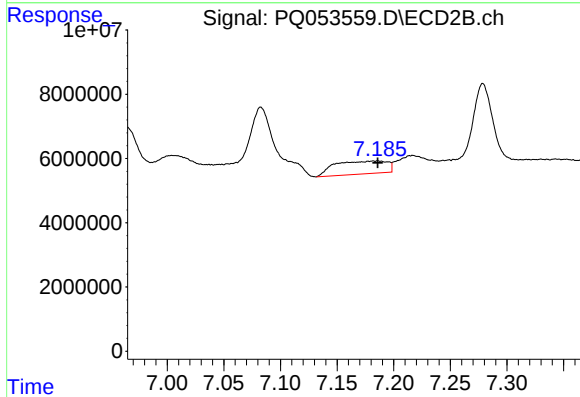
R.T.: 6.965 min
Delta R.T.: 0.018 min
Response: 24377572
Conc: 24.55 ng/ml



#29 AR-1254-4

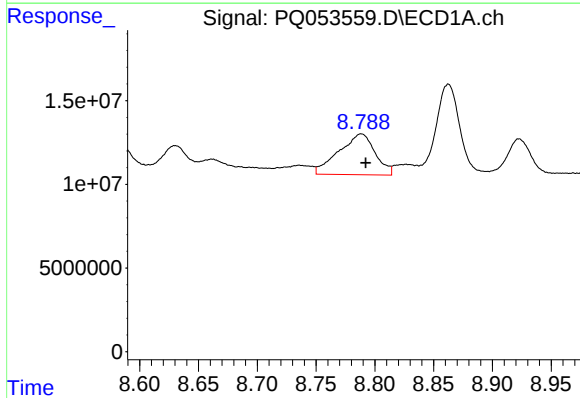
R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 18560761
Conc: 16.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



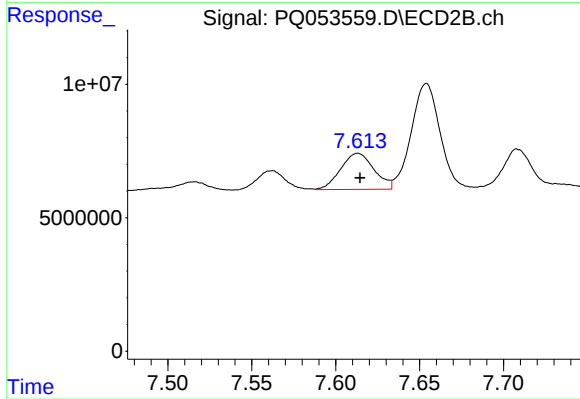
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 12935425
Conc: 20.83 ng/ml



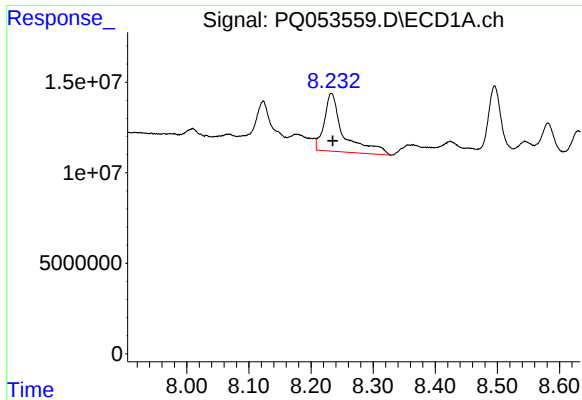
#30 AR-1254-5

R.T.: 8.788 min
Delta R.T.: -0.004 min
Response: 52369830
Conc: 40.67 ng/ml



#30 AR-1254-5

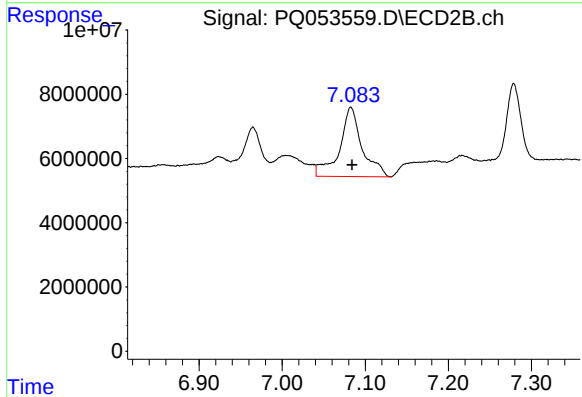
R.T.: 7.613 min
Delta R.T.: -0.001 min
Response: 18805544
Conc: 19.45 ng/ml



#31 AR-1260-1

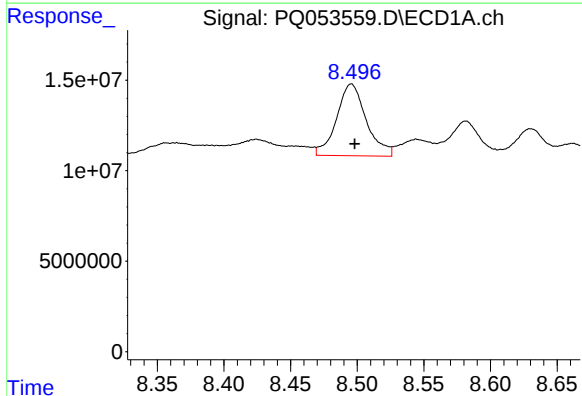
R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 69447661
Conc: 50.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



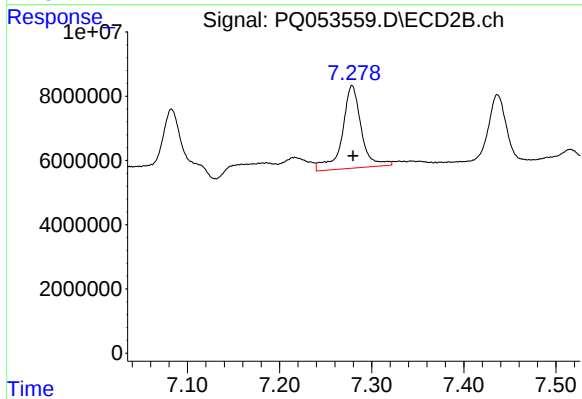
#31 AR-1260-1

R.T.: 7.083 min
Delta R.T.: -0.001 min
Response: 40742673
Conc: 50.51 ng/ml



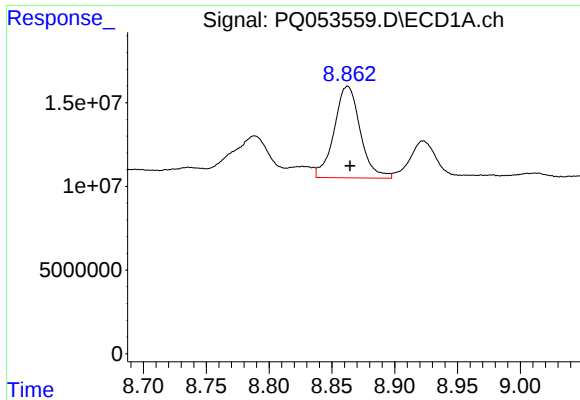
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 61613852
Conc: 35.86 ng/ml



#32 AR-1260-2

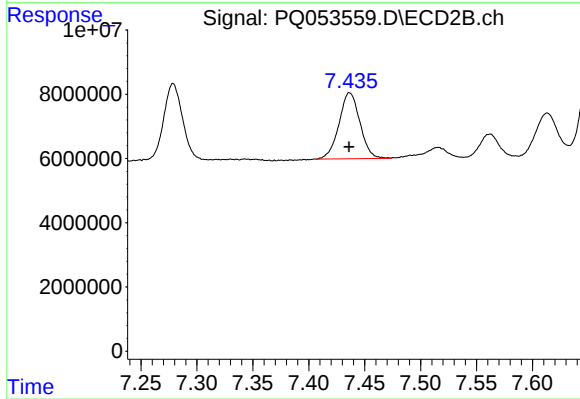
R.T.: 7.279 min
Delta R.T.: -0.001 min
Response: 36898281
Conc: 32.50 ng/ml



#33 AR-1260-3

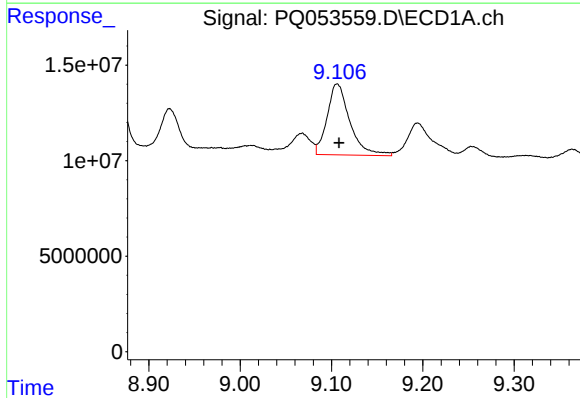
R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 79130263
Conc: 65.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



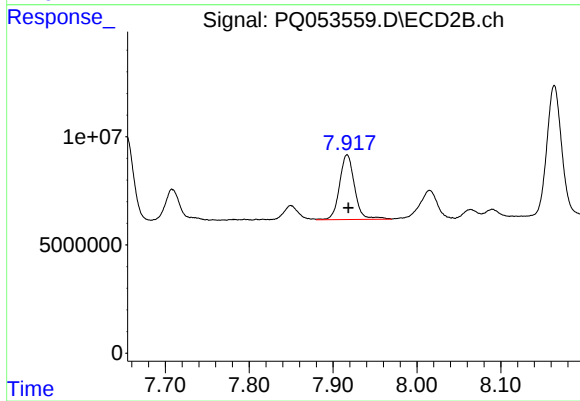
#33 AR-1260-3

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 26763622
Conc: 28.05 ng/ml



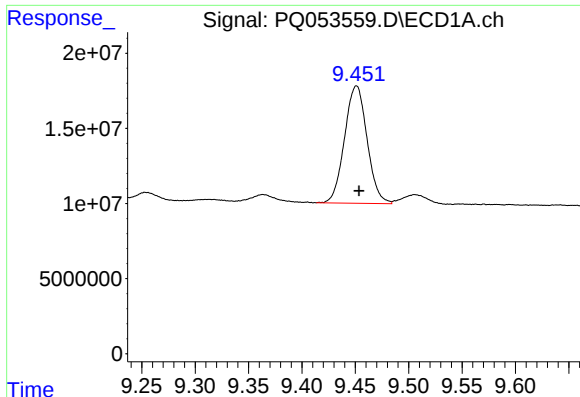
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: -0.002 min
Response: 64316044
Conc: 50.50 ng/ml



#34 AR-1260-4

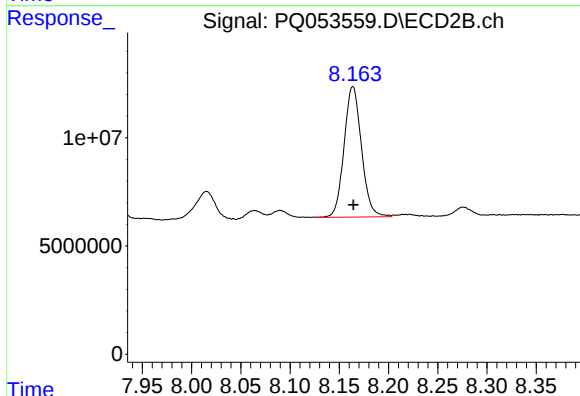
R.T.: 7.917 min
Delta R.T.: -0.001 min
Response: 37312367
Conc: 51.35 ng/ml



#35 AR-1260-5

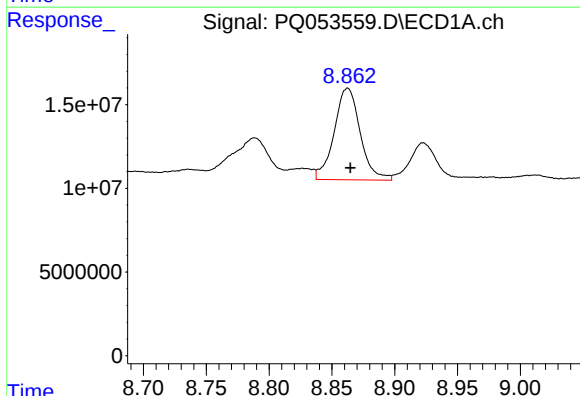
R.T.: 9.451 min
Delta R.T.: -0.002 min
Response: 115040553
Conc: 41.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



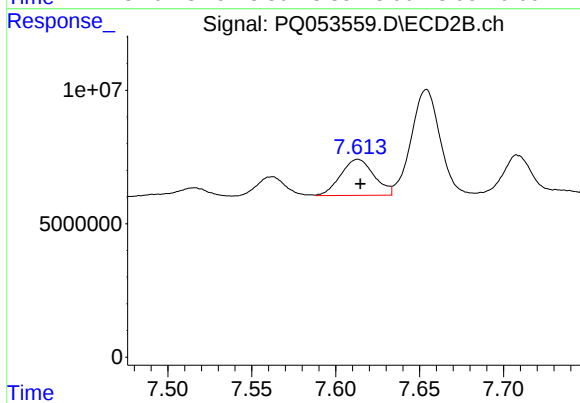
#35 AR-1260-5

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 74201370
Conc: 38.74 ng/ml



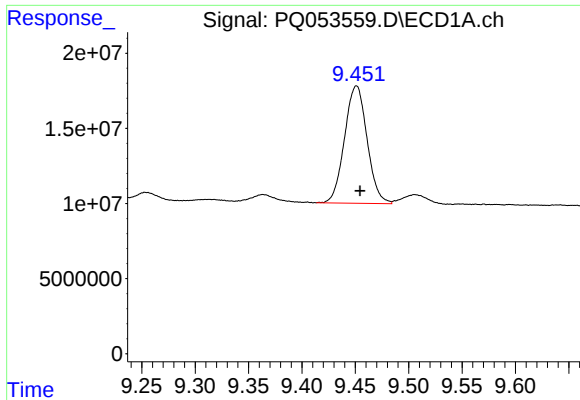
#36 AR-1262-1

R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 79130263
Conc: 45.70 ng/ml



#36 AR-1262-1

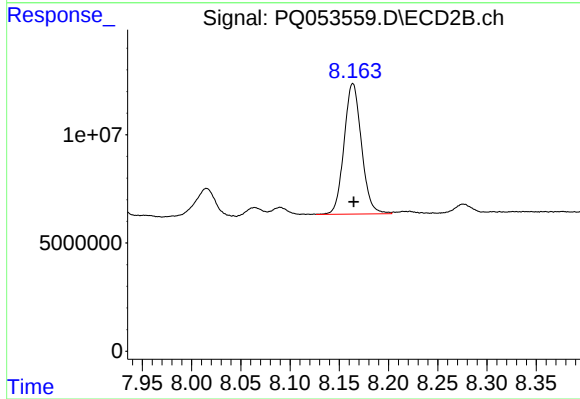
R.T.: 7.613 min
Delta R.T.: -0.001 min
Response: 18805544
Conc: 39.23 ng/ml



#37 AR-1262-2

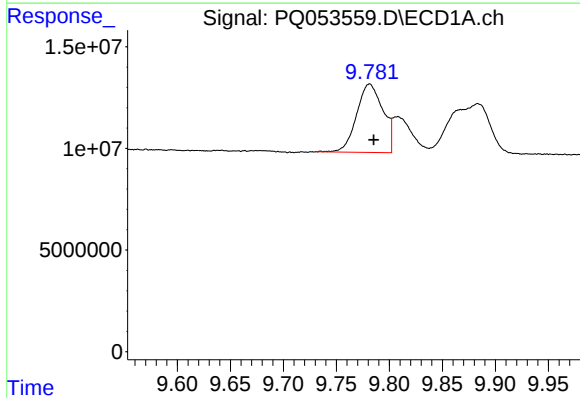
R.T.: 9.451 min
Delta R.T.: -0.003 min
Response: 115040553
Conc: 37.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



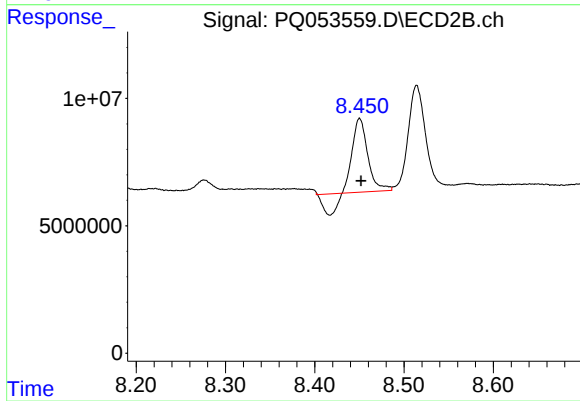
#37 AR-1262-2

R.T.: 8.164 min
Delta R.T.: -0.001 min
Response: 74201370
Conc: 36.23 ng/ml



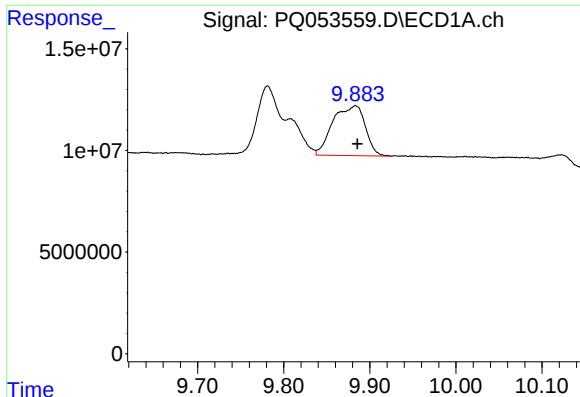
#38 AR-1262-3

R.T.: 9.781 min
Delta R.T.: -0.004 min
Response: 58102071
Conc: 28.28 ng/ml



#38 AR-1262-3

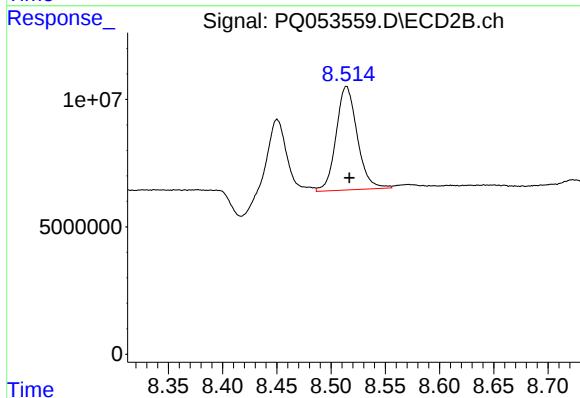
R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 27960028
Conc: 33.20 ng/ml



#39 AR-1262-4

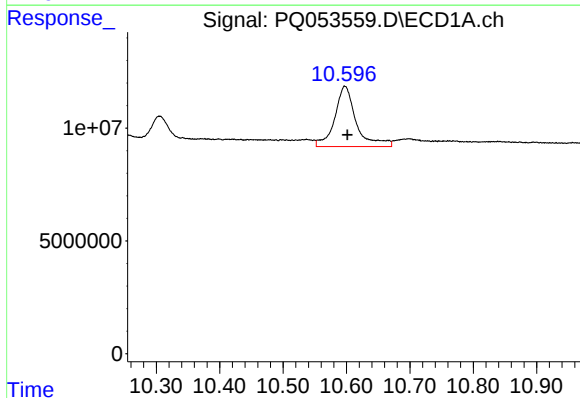
R.T.: 9.883 min
Delta R.T.: -0.002 min
Response: 64239948
Conc: 37.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



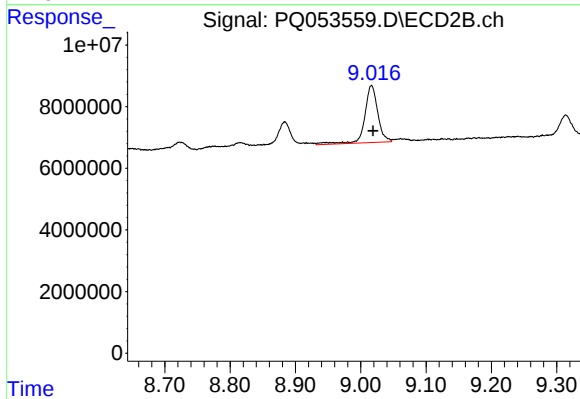
#39 AR-1262-4

R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 55072472
Conc: 38.81 ng/ml



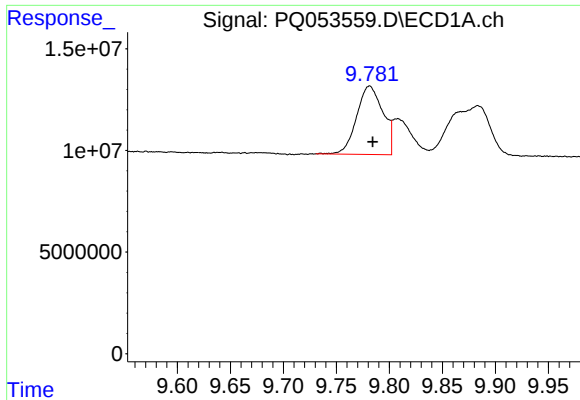
#40 AR-1262-5

R.T.: 10.598 min
Delta R.T.: -0.004 min
Response: 63045770
Conc: 55.39 ng/ml



#40 AR-1262-5

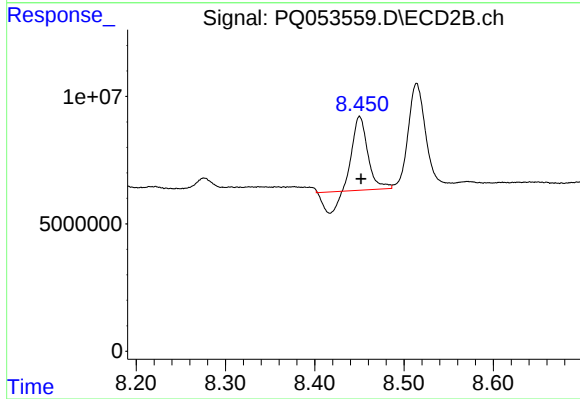
R.T.: 9.016 min
Delta R.T.: -0.002 min
Response: 25854944
Conc: 41.94 ng/ml



#41 AR-1268-1

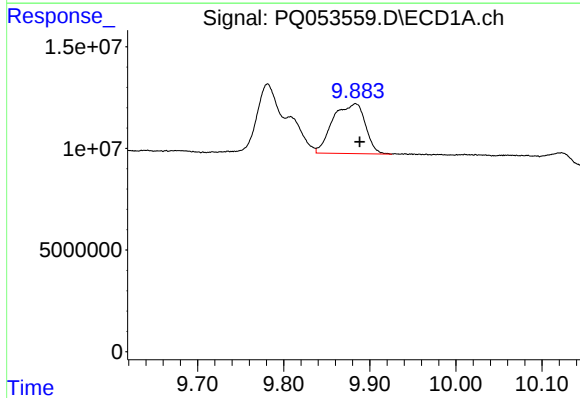
R.T.: 9.781 min
Delta R.T.: -0.003 min
Response: 58102071
Conc: 16.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



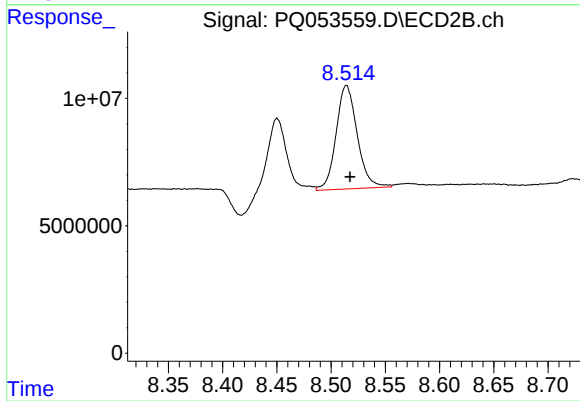
#41 AR-1268-1

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 27960028
Conc: 12.07 ng/ml



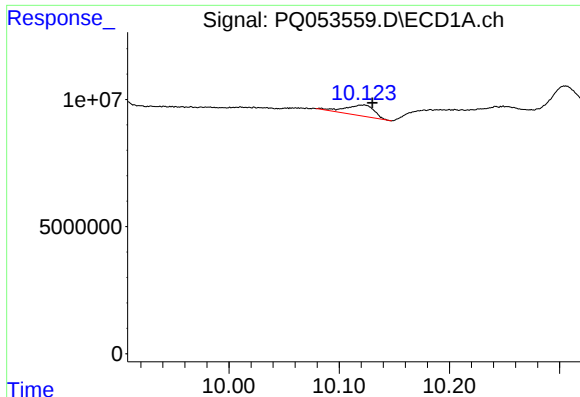
#42 AR-1268-2

R.T.: 9.883 min
Delta R.T.: -0.005 min
Response: 64239948
Conc: 19.24 ng/ml



#42 AR-1268-2

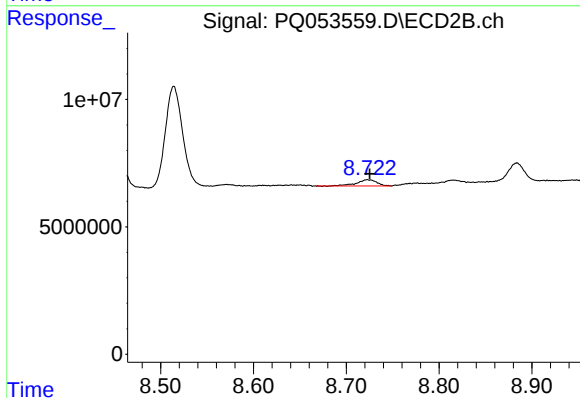
R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 55072472
Conc: 28.32 ng/ml



#43 AR-1268-3

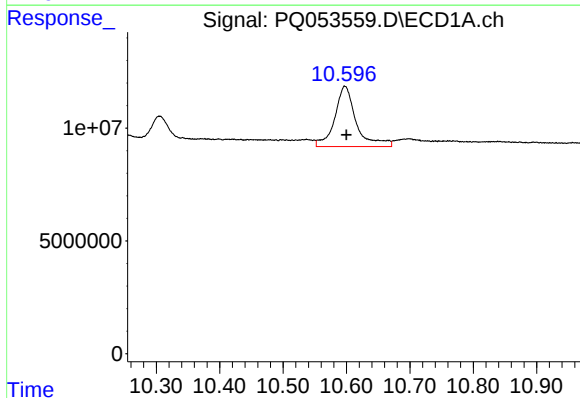
R.T.: 10.123 min
Delta R.T.: -0.008 min
Response: 7748803
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



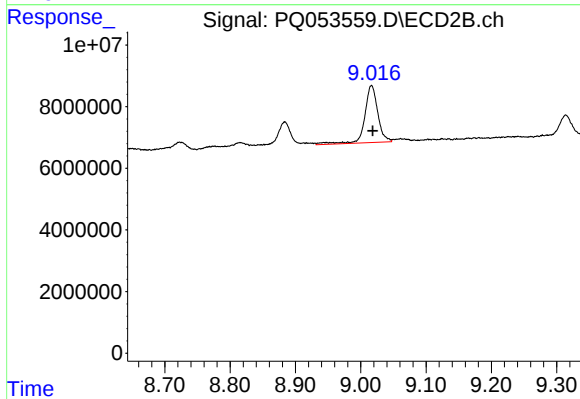
#43 AR-1268-3

R.T.: 8.723 min
Delta R.T.: -0.003 min
Response: 3801656
Conc: 2.23 ng/ml



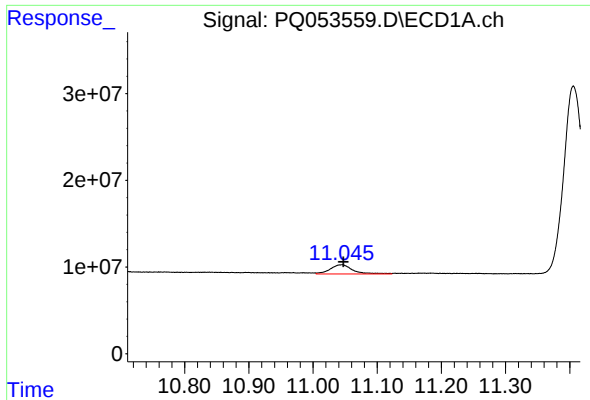
#44 AR-1268-4

R.T.: 10.598 min
Delta R.T.: -0.003 min
Response: 63045770
Conc: 54.70 ng/ml



#44 AR-1268-4

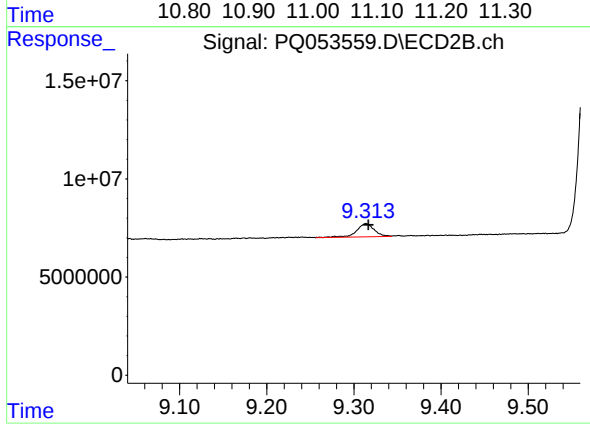
R.T.: 9.016 min
Delta R.T.: -0.002 min
Response: 25854944
Conc: 40.38 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.002 min
Response: 25987351
Conc: 2.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.314 min
Delta R.T.: -0.003 min
Response: 9438857
Conc: 1.95 ng/ml