

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 05:03
 Operator : DD\AJ
 Sample : M2262-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 06:43:00 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	607.6E6	269.3E6	21.046	20.901
2)	SA Decachlor...	11.408	9.572	619.4E6	300.1E6	20.740	21.134
Target Compounds							
3)	L1 AR-1016-1	6.547	5.495	48347101	23432101	48.825	51.483
4)	L1 AR-1016-2	6.571	5.516	77031082	36918695	50.031	54.488
5)	L1 AR-1016-3	6.637	5.708	45092569	18943408	49.240	54.725
6)	L1 AR-1016-4	6.746	5.757	41894394	16609800	56.850	58.718
7)	L1 AR-1016-5	7.058	5.988	43773268	19731644	60.685	54.661
8)	L2 AR-1221-1	5.464	4.490	6358912	7011665	21.795	52.424 #
9)	L2 AR-1221-2	5.575	4.591	28827899	13925050	135.727	138.832
10)	L2 AR-1221-3	5.659	4.682	49295767	14370165	70.632	44.066 #
11)	L3 AR-1232-1	5.659	4.682	49295767	14370165	95.665	60.587 #
12)	L3 AR-1232-2	6.250	5.516	66979654	36918695	240.534	145.950 #
13)	L3 AR-1232-3	6.571	5.708	77031082	18943408	131.205	148.982
14)	L3 AR-1232-4	6.746	5.803	41894394	19150746	153.488	170.735
15)	L3 AR-1232-5	6.838	5.988	37494502	19731644	188.533	160.550
16)	L4 AR-1242-1	6.547	5.495	48347101	23432101	69.175	73.005
17)	L4 AR-1242-2	6.571	5.516	77031082	36918695	71.103	78.145
18)	L4 AR-1242-3	6.637	5.708	45092569	18943408	69.441	77.852
19)	L4 AR-1242-4	6.746	5.803	41894394	19150746	80.020	80.820
20)	L4 AR-1242-5	7.528	6.367	14234404	18415271	24.385	57.727 #
21)	L5 AR-1248-1	6.547	5.495	48347101	23432101	92.902	96.932
22)	L5 AR-1248-2	6.838	5.757	37494502	16609800	49.454	48.162
23)	L5 AR-1248-3	7.058	5.803	43773268	19150746	50.972	54.598
24)	L5 AR-1248-4	7.486	5.988	12540974	19731644	12.892	46.172 #
25)	L5 AR-1248-5	7.528	6.410	14234404	4031289	14.561	9.506 #
26)	L6 AR-1254-1	7.457	6.367	41922782	18415271	43.065	27.206 #
27)	L6 AR-1254-2	7.683	6.526	38617208	16136004	25.585	25.917
28)	L6 AR-1254-3	8.068	6.965f	17954996	31275107	11.490	31.500 #
29)	L6 AR-1254-4	8.362	7.187	12726591	3823518	10.972	6.157 #
30)	L6 AR-1254-5	8.791	7.614	109.2E6	60942307	84.832	63.023 #
31)	L7 AR-1260-1	8.233	7.083	82646450	46026240	60.683	57.055
32)	L7 AR-1260-2	8.496	7.280	97030462	62793387	56.465	55.312
33)	L7 AR-1260-3	8.863	7.435	66163006	50360811	54.897	52.790
34)	L7 AR-1260-4	9.106	7.918	69517786	38236339	54.583	52.622
35)	L7 AR-1260-5	9.452	8.164	149.5E6	98409646	54.378	51.376
36)	L8 AR-1262-1	8.863	7.614	66163006	60942307	38.211	127.146 #
37)	L8 AR-1262-2	9.452	8.164	149.5E6	98409646	49.336	48.052
38)	L8 AR-1262-3	9.784	8.451	32594687	26708760	15.862	31.710 #
39)	L8 AR-1262-4	9.865f	8.514	58950671	70238068	34.535	49.494 #
40)	L8 AR-1262-5	10.598	9.017	43224201	20229335	37.973	32.811
41)	L9 AR-1268-1	9.784	8.451	32594687	26708760	9.271	11.528

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 Acq On : 14 May 2021 05:03
 Operator : DD\AJ
 Sample : M2262-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 44 Sample Multiplier: 1

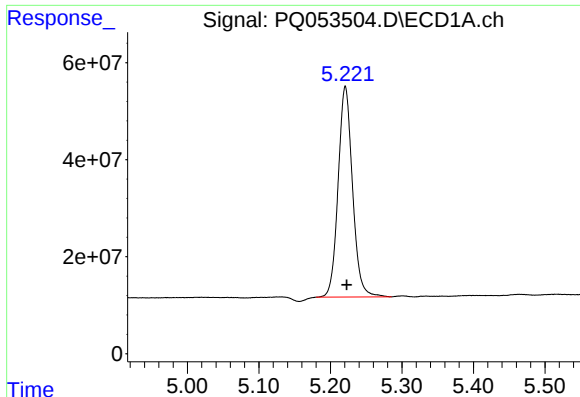
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 06:43:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
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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	9.865f	8.514	58950671	70238068	17.654	36.115 #
43) L9	AR-1268-3	10.127	8.725	5383494	3151285	1.837	1.848
44) L9	AR-1268-4	10.598	9.017	43224201	20229335	37.502	31.590
45) L9	AR-1268-5	11.045	9.314	20524165	9115954	2.196	1.883

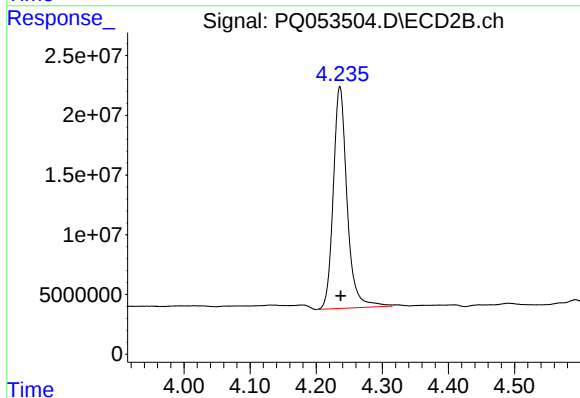
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

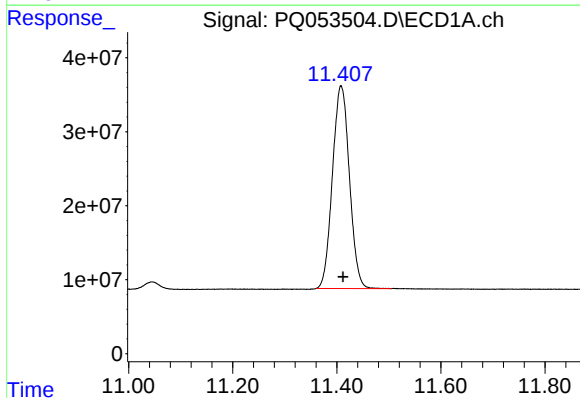
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 607591622
Conc: 21.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



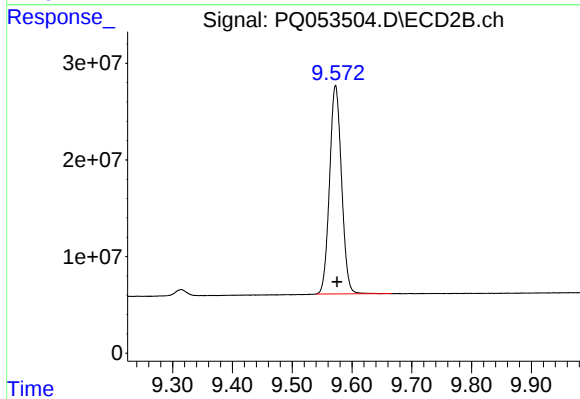
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 269301604
Conc: 20.90 ng/ml



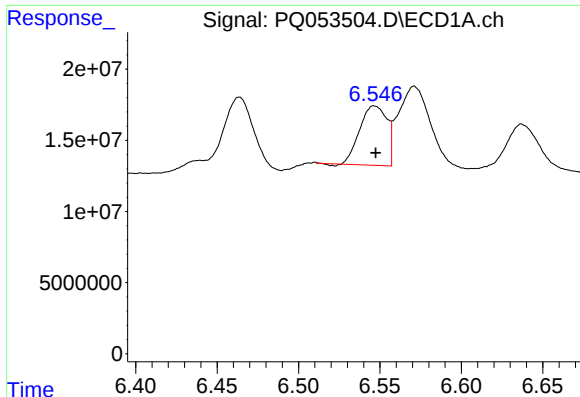
#2 Decachlorobiphenyl

R.T.: 11.408 min
Delta R.T.: -0.004 min
Response: 619425044
Conc: 20.74 ng/ml



#2 Decachlorobiphenyl

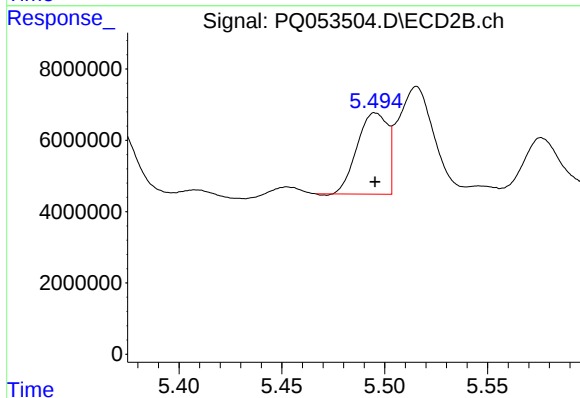
R.T.: 9.572 min
Delta R.T.: -0.002 min
Response: 300064176
Conc: 21.13 ng/ml



#3 AR-1016-1

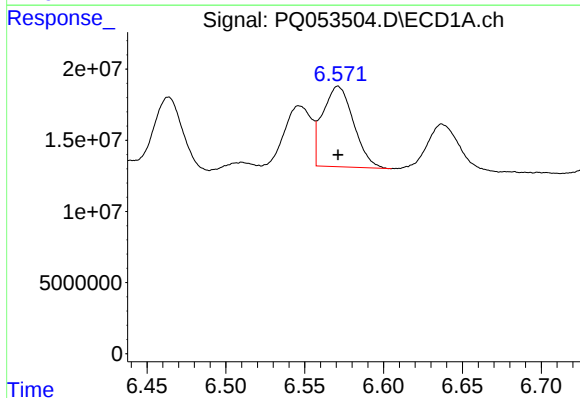
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 48347101
Conc: 48.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



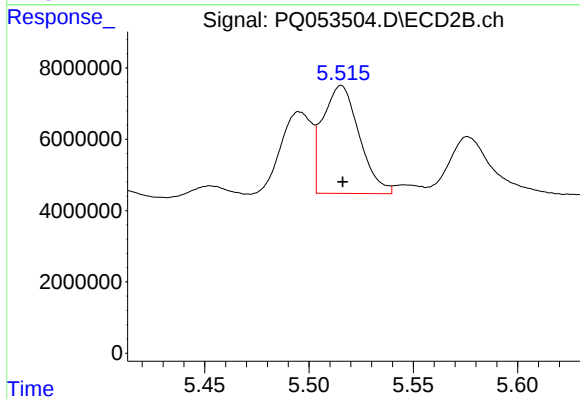
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 23432101
Conc: 51.48 ng/ml



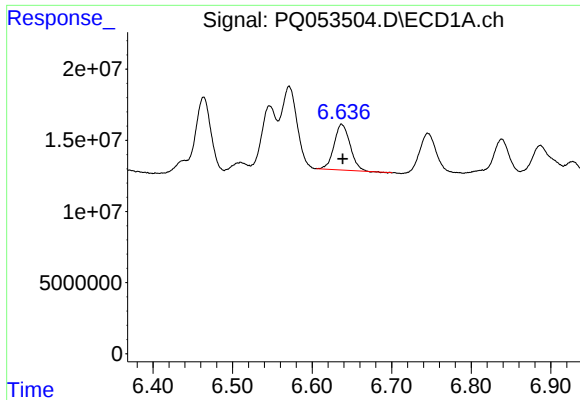
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 77031082
Conc: 50.03 ng/ml



#4 AR-1016-2

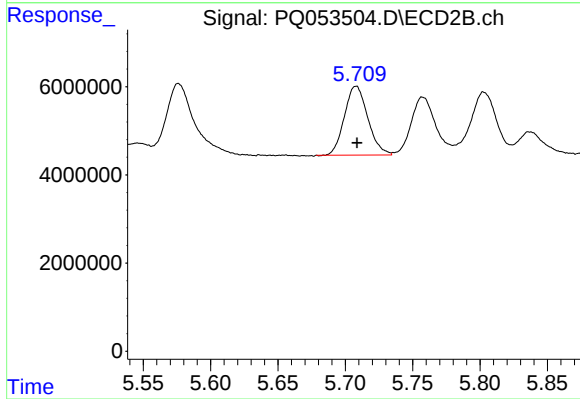
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 36918695
Conc: 54.49 ng/ml



#5 AR-1016-3

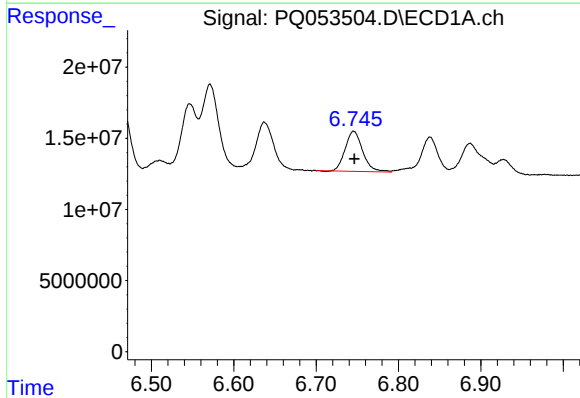
R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 45092569
Conc: 49.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



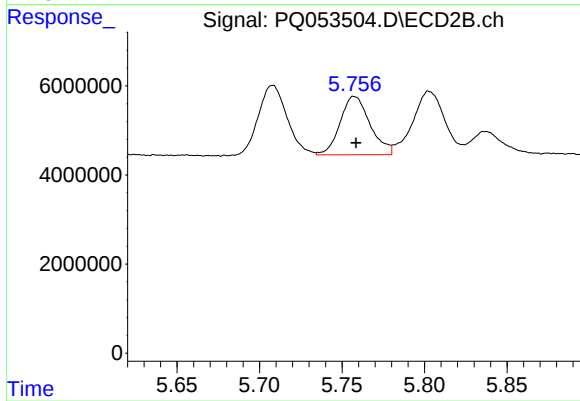
#5 AR-1016-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 18943408
Conc: 54.73 ng/ml



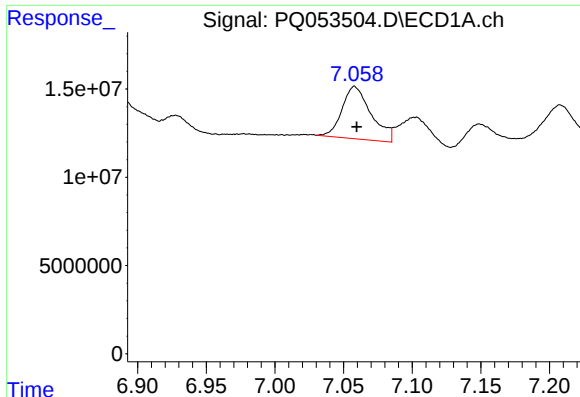
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 41894394
Conc: 56.85 ng/ml



#6 AR-1016-4

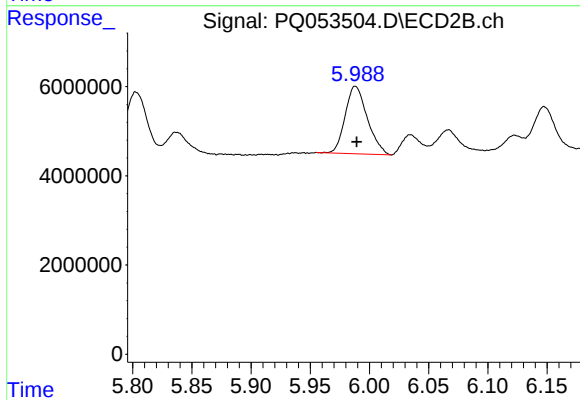
R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 16609800
Conc: 58.72 ng/ml



#7 AR-1016-5

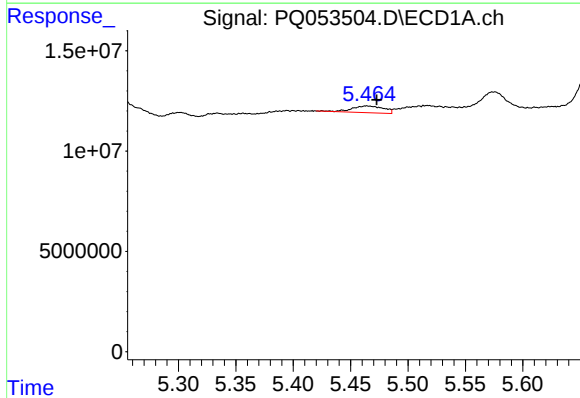
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 43773268
Conc: 60.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



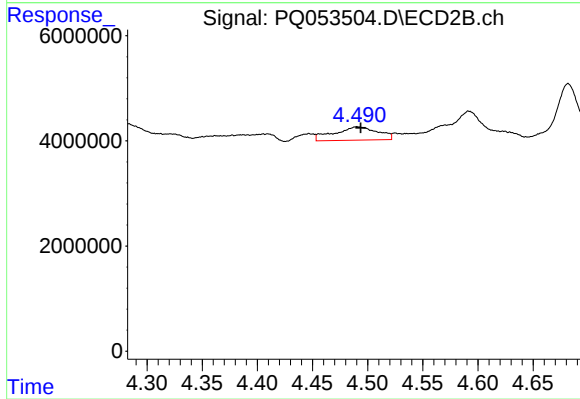
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 19731644
Conc: 54.66 ng/ml



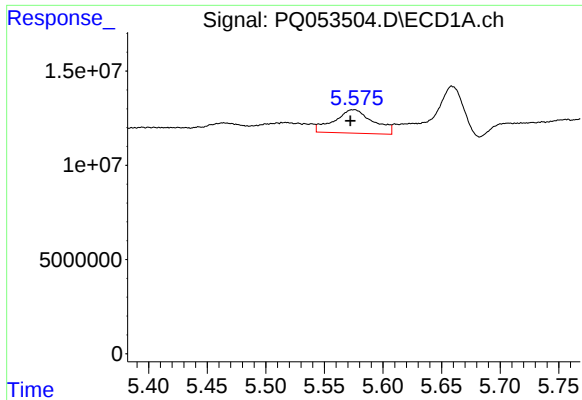
#8 AR-1221-1

R.T.: 5.464 min
Delta R.T.: -0.008 min
Response: 6358912
Conc: 21.80 ng/ml



#8 AR-1221-1

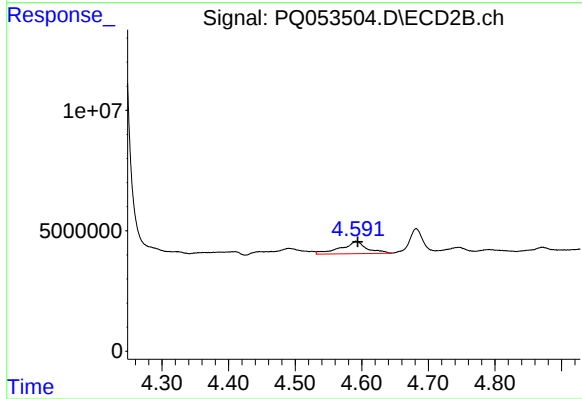
R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 7011665
Conc: 52.42 ng/ml



#9 AR-1221-2

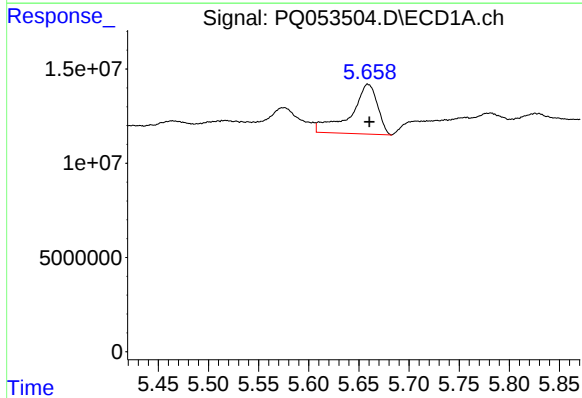
R.T.: 5.575 min
Delta R.T.: 0.003 min
Response: 28827899
Conc: 135.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



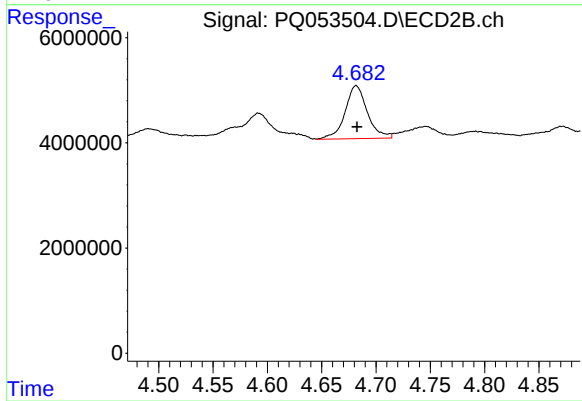
#9 AR-1221-2

R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 13925050
Conc: 138.83 ng/ml



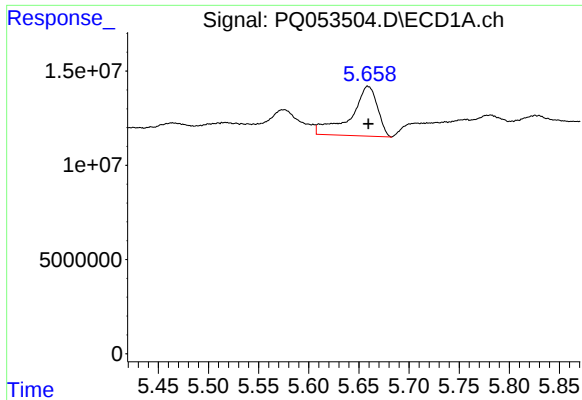
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.001 min
Response: 49295767
Conc: 70.63 ng/ml



#10 AR-1221-3

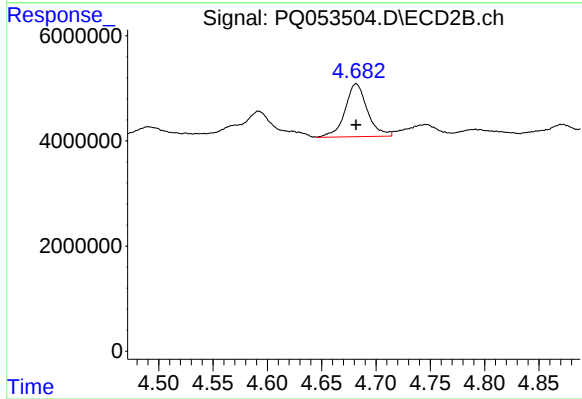
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 14370165
Conc: 44.07 ng/ml



#11 AR-1232-1

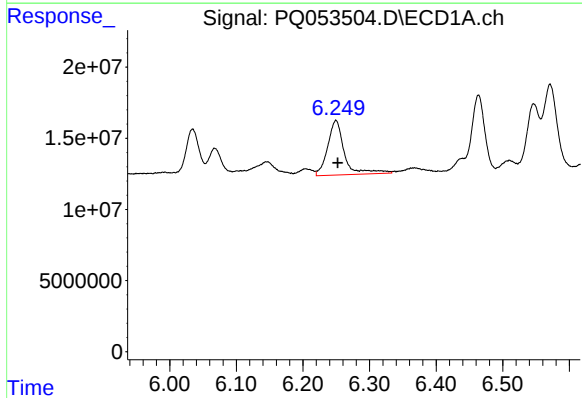
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 49295767
Conc: 95.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



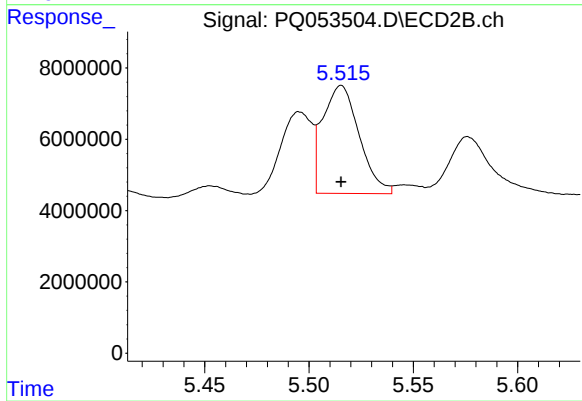
#11 AR-1232-1

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 14370165
Conc: 60.59 ng/ml



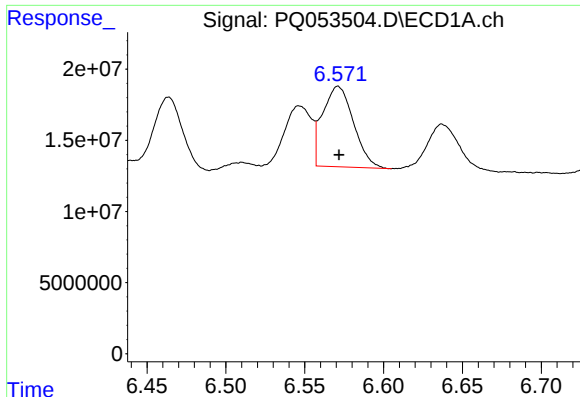
#12 AR-1232-2

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 66979654
Conc: 240.53 ng/ml



#12 AR-1232-2

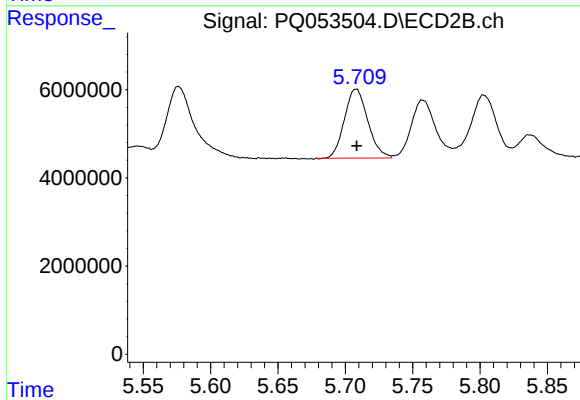
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 36918695
Conc: 145.95 ng/ml



#13 AR-1232-3

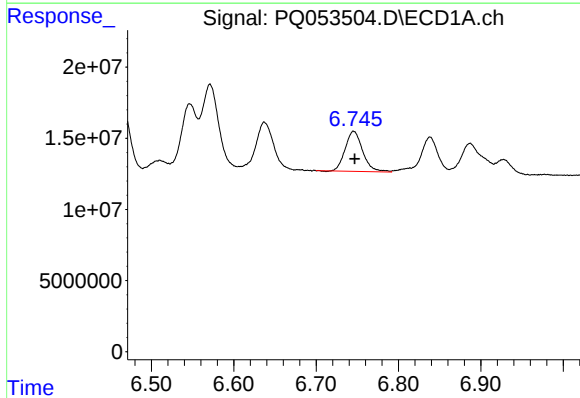
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 77031082
Conc: 131.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



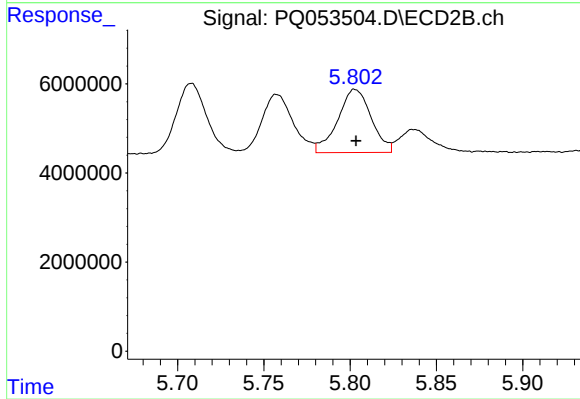
#13 AR-1232-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 18943408
Conc: 148.98 ng/ml



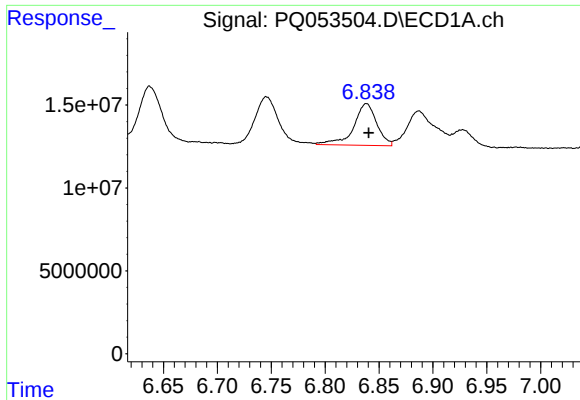
#14 AR-1232-4

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 41894394
Conc: 153.49 ng/ml



#14 AR-1232-4

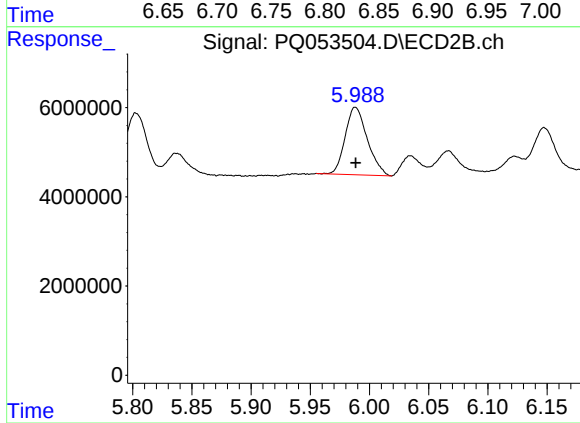
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 19150746
Conc: 170.74 ng/ml



#15 AR-1232-5

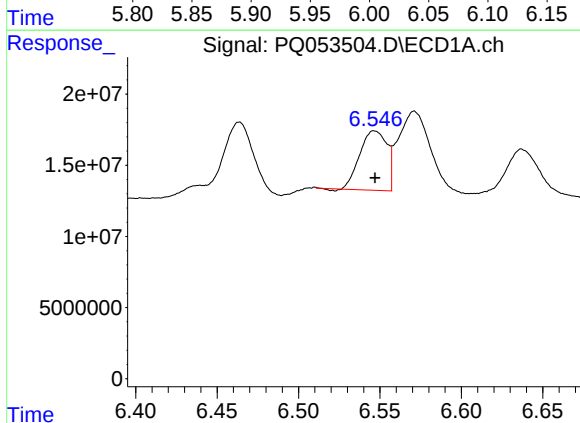
R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 37494502
Conc: 188.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



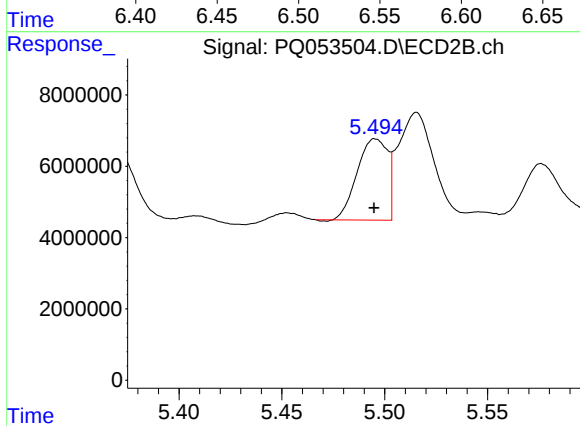
#15 AR-1232-5

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 19731644
Conc: 160.55 ng/ml



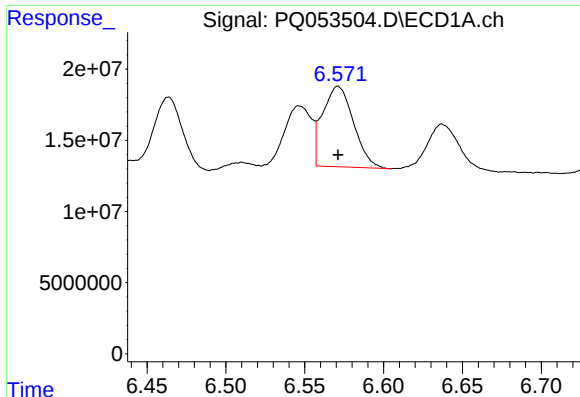
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 48347101
Conc: 69.18 ng/ml



#16 AR-1242-1

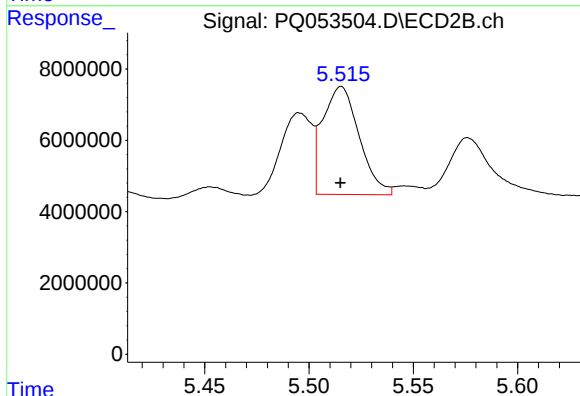
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 23432101
Conc: 73.01 ng/ml



#17 AR-1242-2

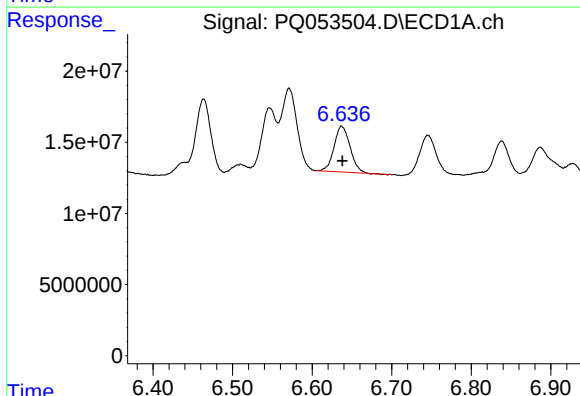
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 77031082
Conc: 71.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



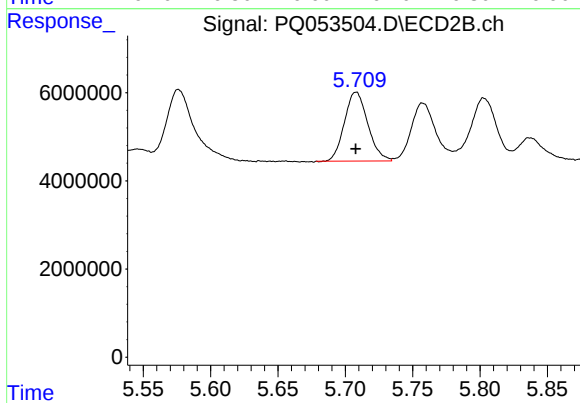
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 36918695
Conc: 78.15 ng/ml



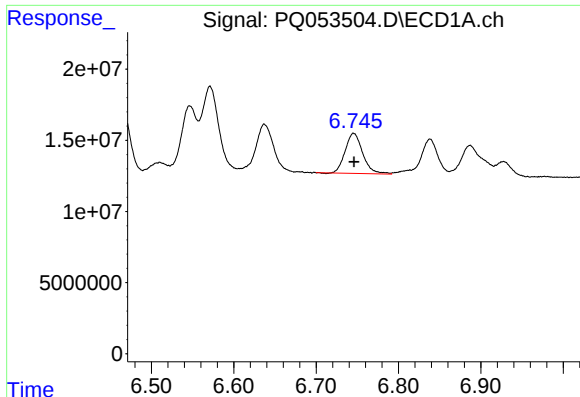
#18 AR-1242-3

R.T.: 6.637 min
Delta R.T.: -0.001 min
Response: 45092569
Conc: 69.44 ng/ml



#18 AR-1242-3

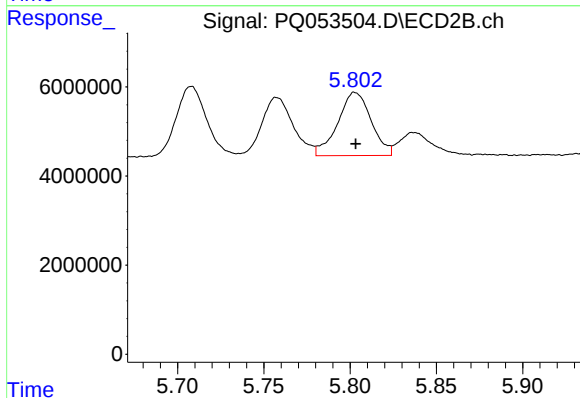
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 18943408
Conc: 77.85 ng/ml



#19 AR-1242-4

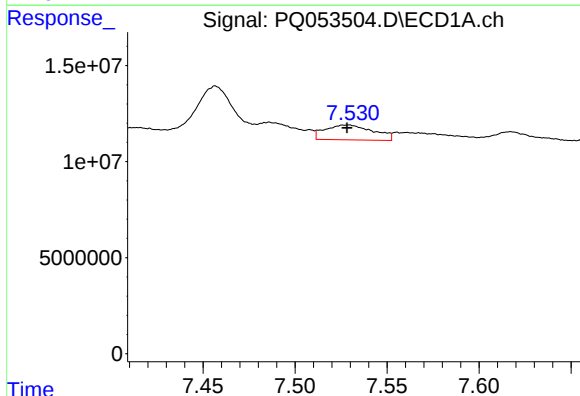
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 41894394
Conc: 80.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



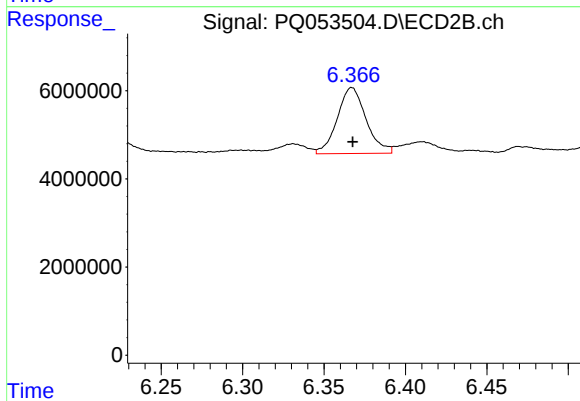
#19 AR-1242-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 19150746
Conc: 80.82 ng/ml



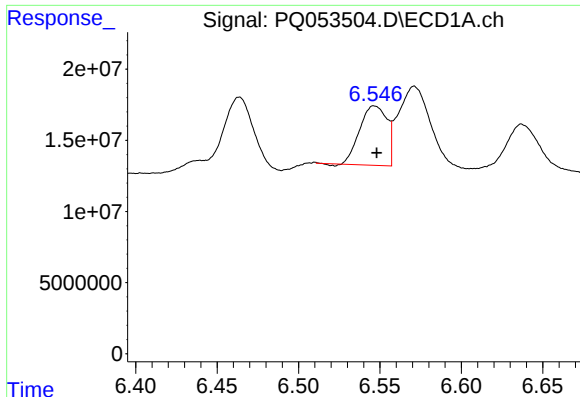
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 14234404
Conc: 24.39 ng/ml



#20 AR-1242-5

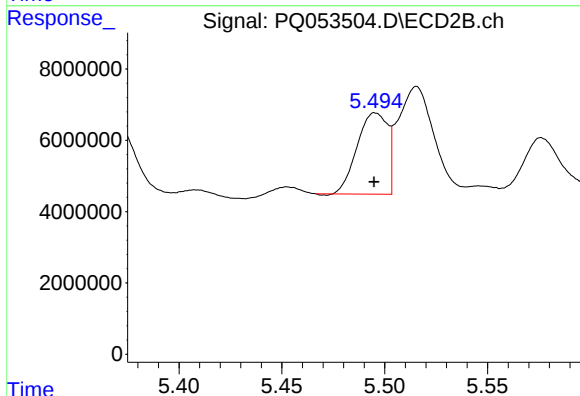
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 18415271
Conc: 57.73 ng/ml



#21 AR-1248-1

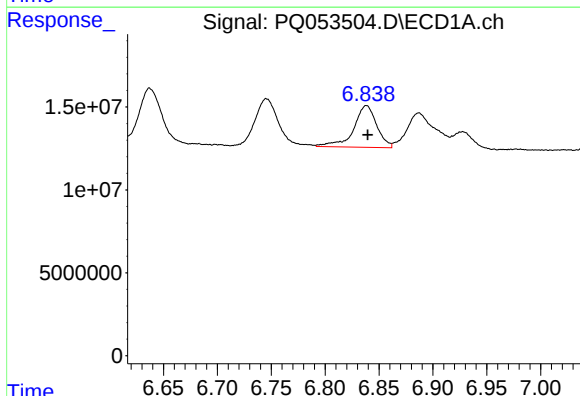
R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 48347101
Conc: 92.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



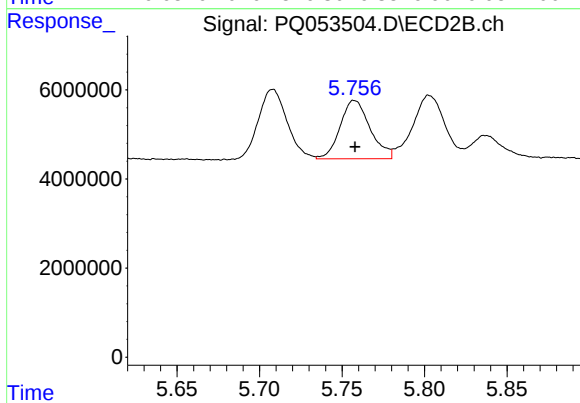
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 23432101
Conc: 96.93 ng/ml



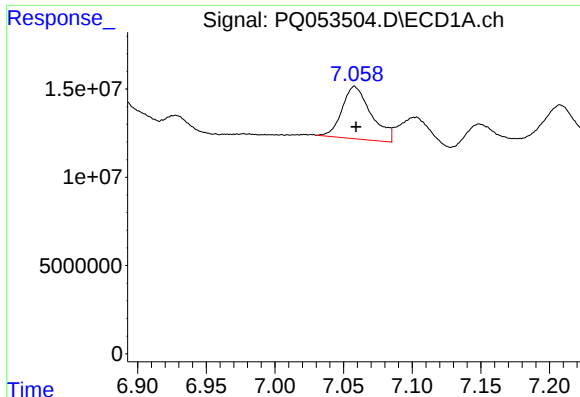
#22 AR-1248-2

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 37494502
Conc: 49.45 ng/ml



#22 AR-1248-2

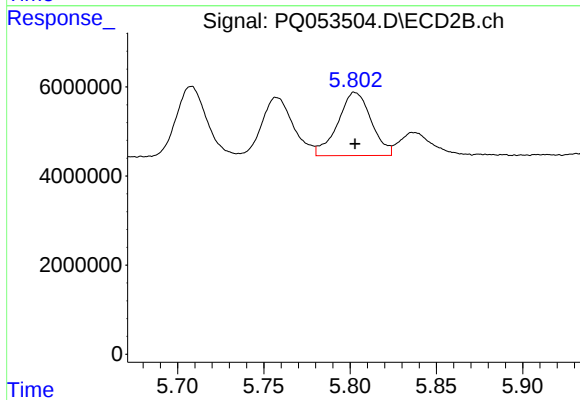
R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 16609800
Conc: 48.16 ng/ml



#23 AR-1248-3

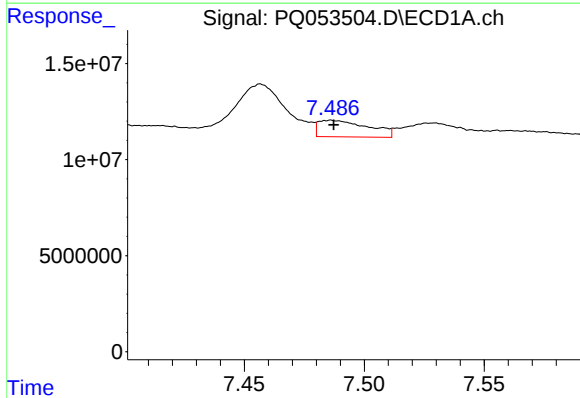
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 43773268
Conc: 50.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



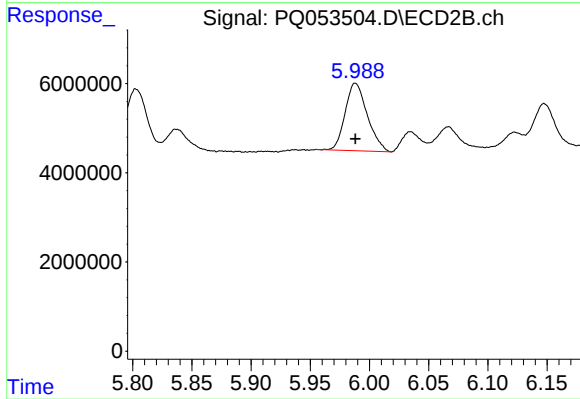
#23 AR-1248-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 19150746
Conc: 54.60 ng/ml



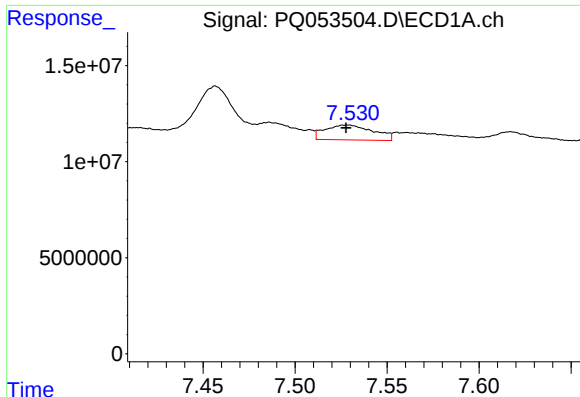
#24 AR-1248-4

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 12540974
Conc: 12.89 ng/ml



#24 AR-1248-4

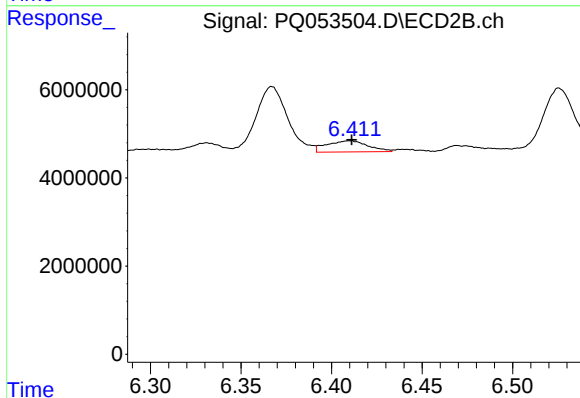
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 19731644
Conc: 46.17 ng/ml



#25 AR-1248-5

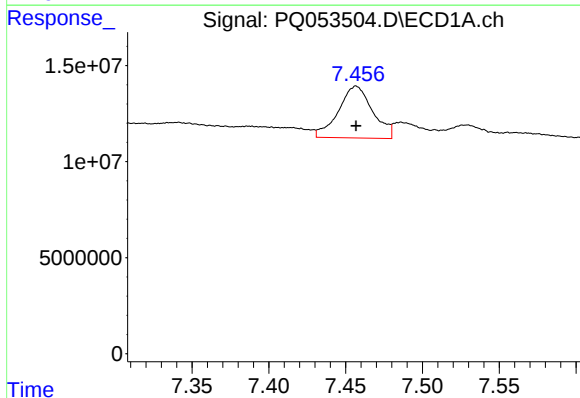
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 14234404
Conc: 14.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



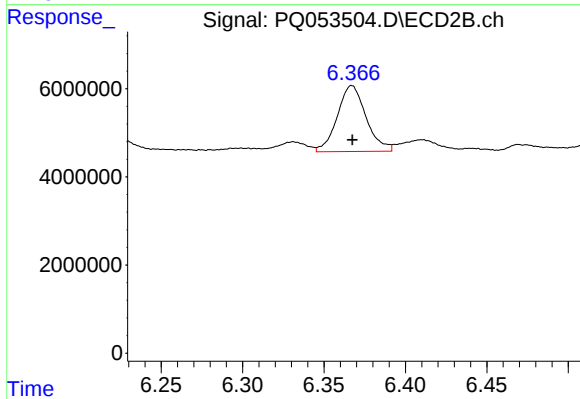
#25 AR-1248-5

R.T.: 6.410 min
Delta R.T.: -0.001 min
Response: 4031289
Conc: 9.51 ng/ml



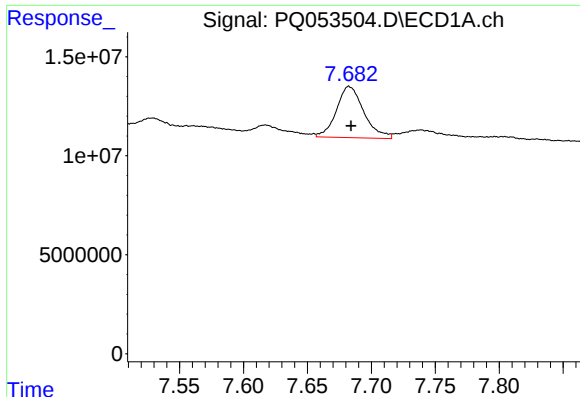
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 41922782
Conc: 43.06 ng/ml



#26 AR-1254-1

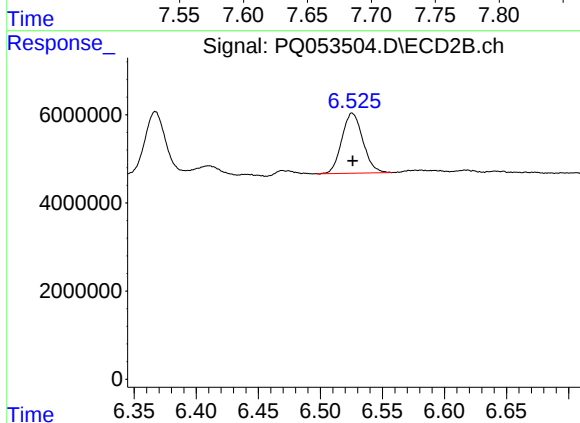
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 18415271
Conc: 27.21 ng/ml



#27 AR-1254-2

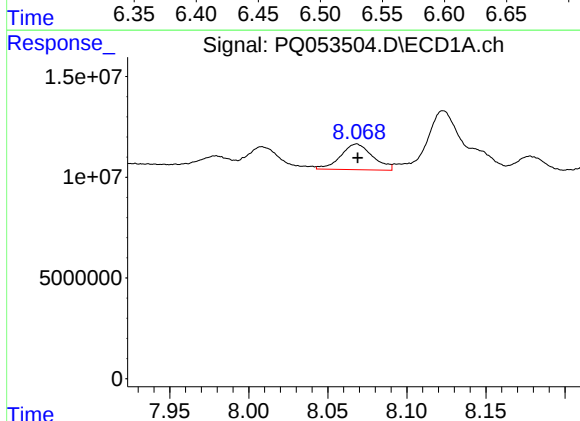
R.T.: 7.683 min
Delta R.T.: -0.002 min
Response: 38617208
Conc: 25.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



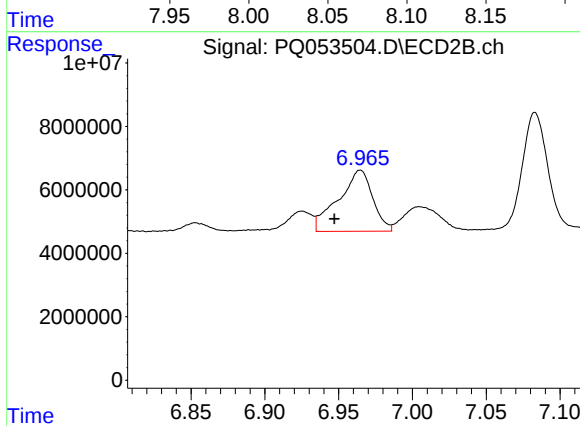
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 16136004
Conc: 25.92 ng/ml



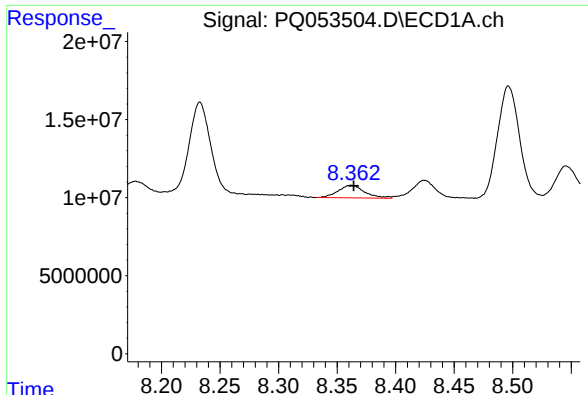
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 17954996
Conc: 11.49 ng/ml



#28 AR-1254-3

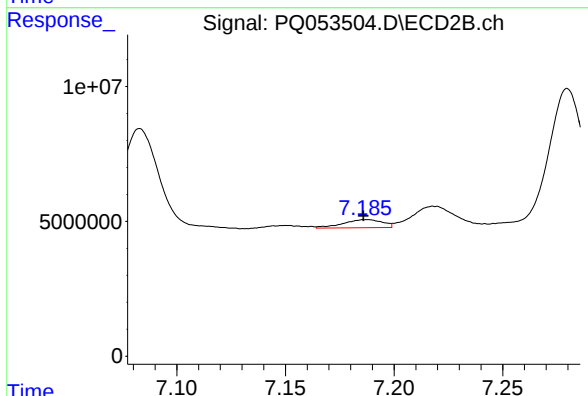
R.T.: 6.965 min
Delta R.T.: 0.018 min
Response: 31275107
Conc: 31.50 ng/ml



#29 AR-1254-4

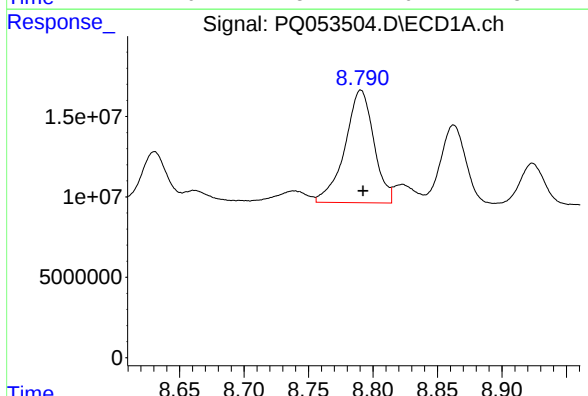
R.T.: 8.362 min
Delta R.T.: -0.002 min
Response: 12726591
Conc: 10.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



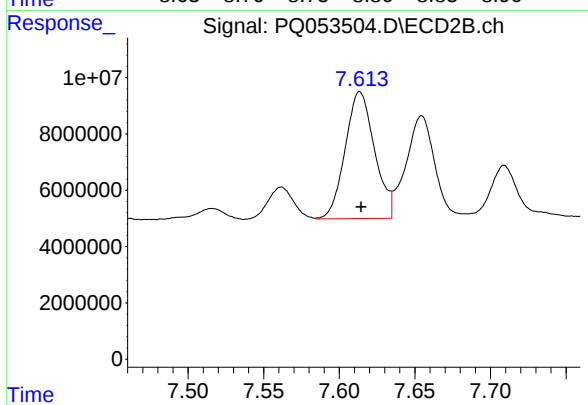
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 3823518
Conc: 6.16 ng/ml



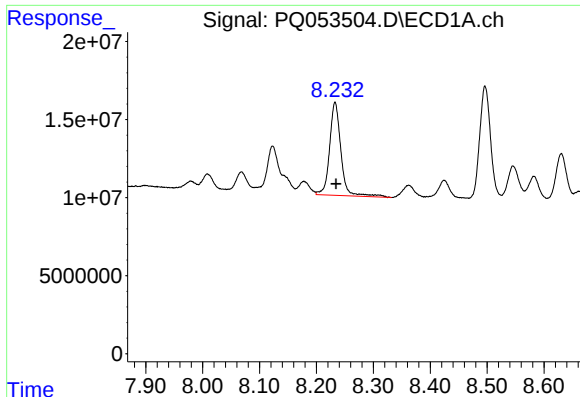
#30 AR-1254-5

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 109232387
Conc: 84.83 ng/ml



#30 AR-1254-5

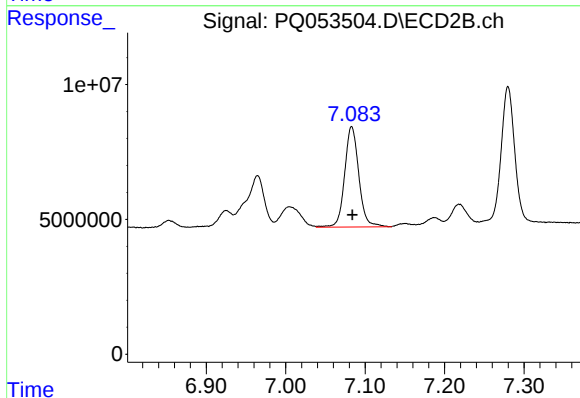
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 60942307
Conc: 63.02 ng/ml



#31 AR-1260-1

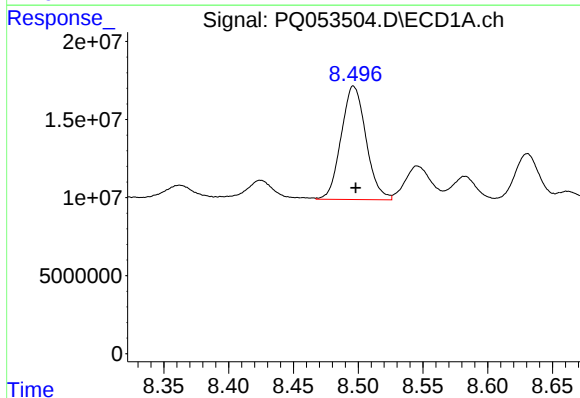
R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 82646450
Conc: 60.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



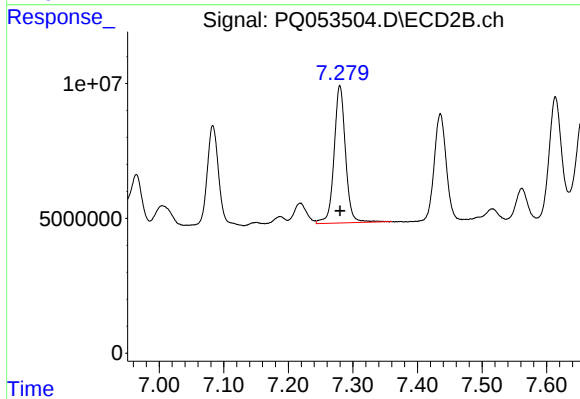
#31 AR-1260-1

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 46026240
Conc: 57.06 ng/ml



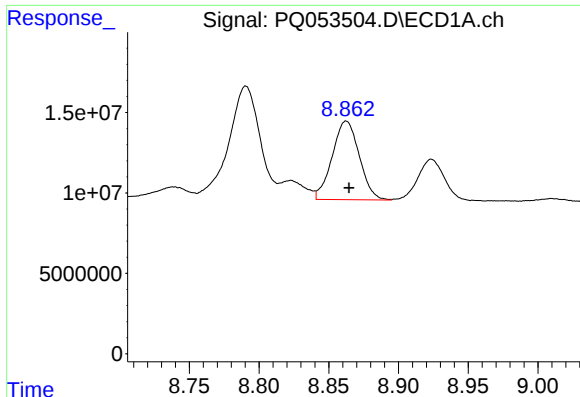
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 97030462
Conc: 56.47 ng/ml



#32 AR-1260-2

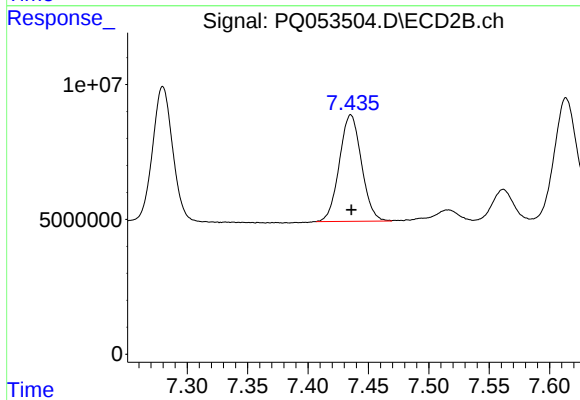
R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 62793387
Conc: 55.31 ng/ml



#33 AR-1260-3

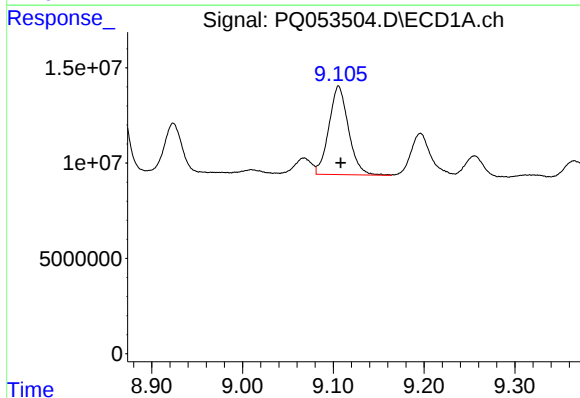
R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 66163006
Conc: 54.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



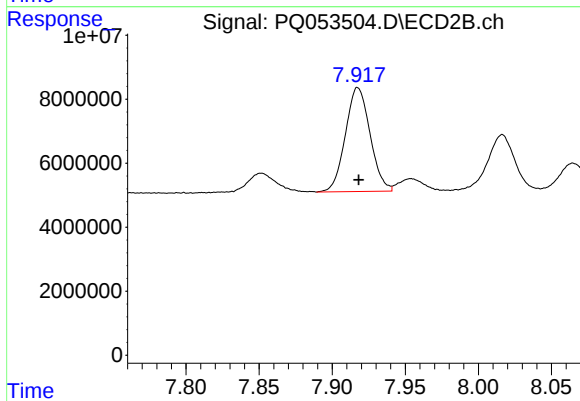
#33 AR-1260-3

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 50360811
Conc: 52.79 ng/ml



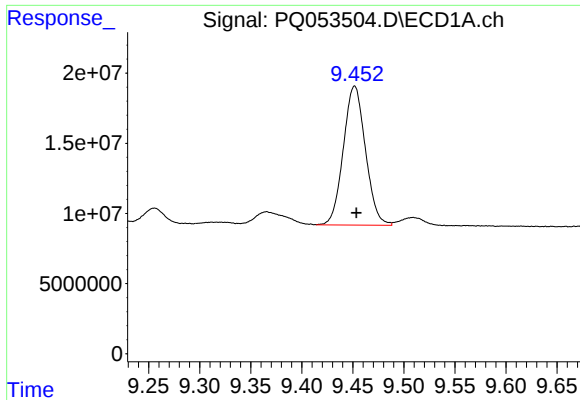
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: -0.002 min
Response: 69517786
Conc: 54.58 ng/ml



#34 AR-1260-4

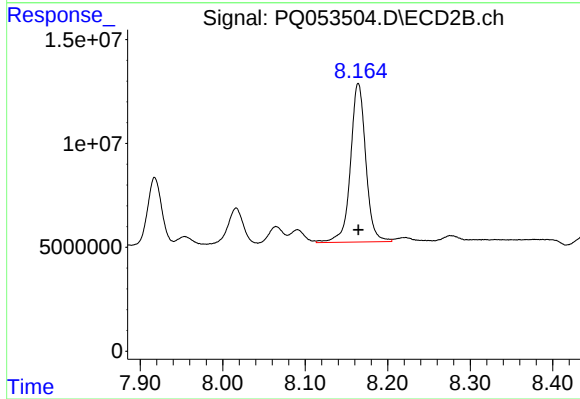
R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 38236339
Conc: 52.62 ng/ml



#35 AR-1260-5

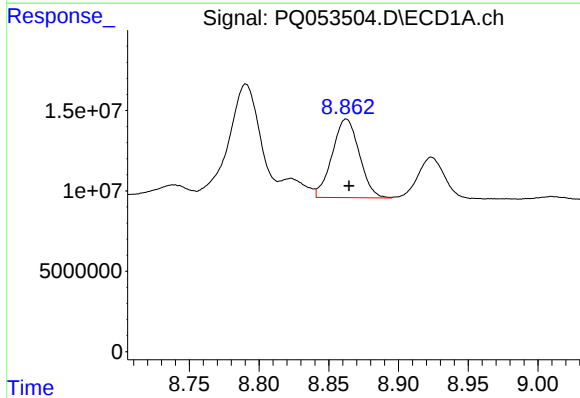
R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 149470110
Conc: 54.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



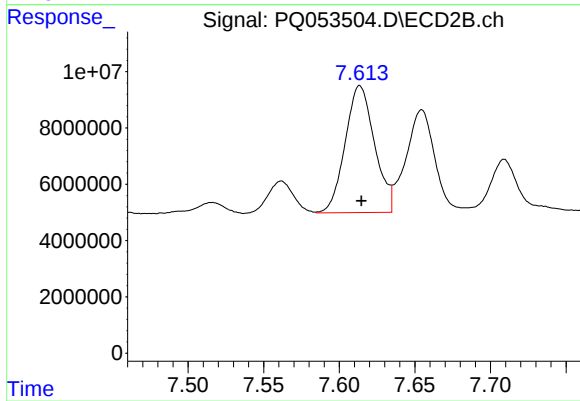
#35 AR-1260-5

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 98409646
Conc: 51.38 ng/ml



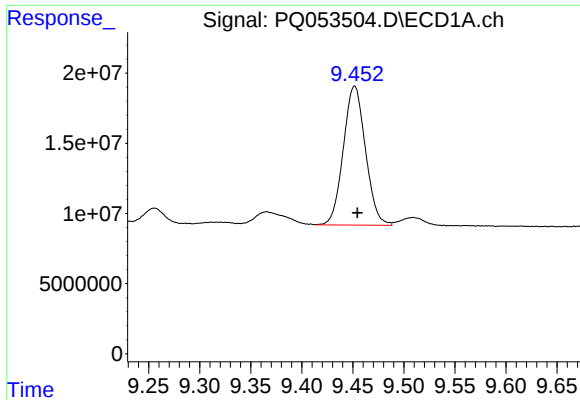
#36 AR-1262-1

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 66163006
Conc: 38.21 ng/ml



#36 AR-1262-1

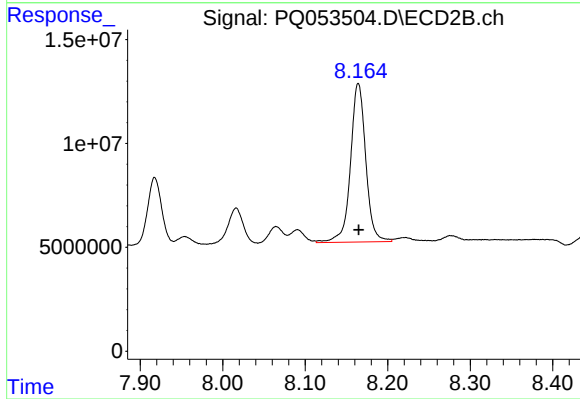
R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 60942307
Conc: 127.15 ng/ml



#37 AR-1262-2

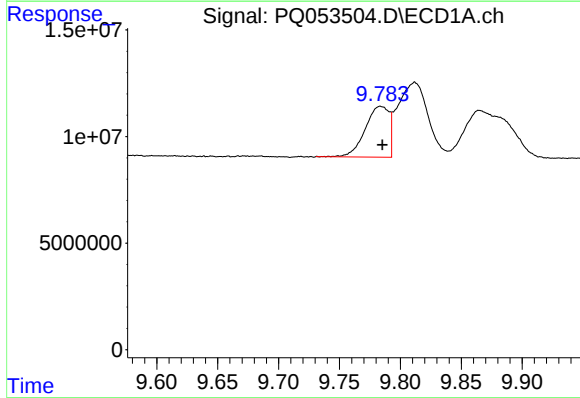
R.T.: 9.452 min
Delta R.T.: -0.003 min
Response: 149470110
Conc: 49.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



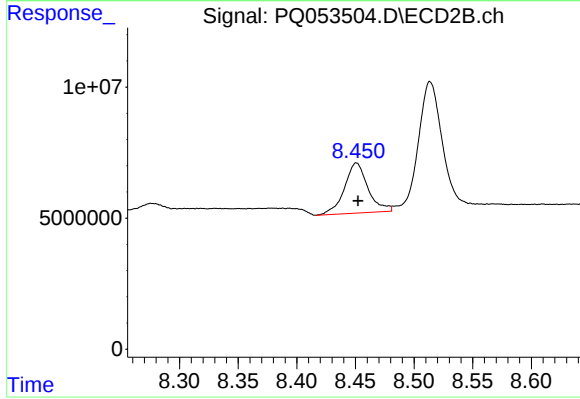
#37 AR-1262-2

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 98409646
Conc: 48.05 ng/ml



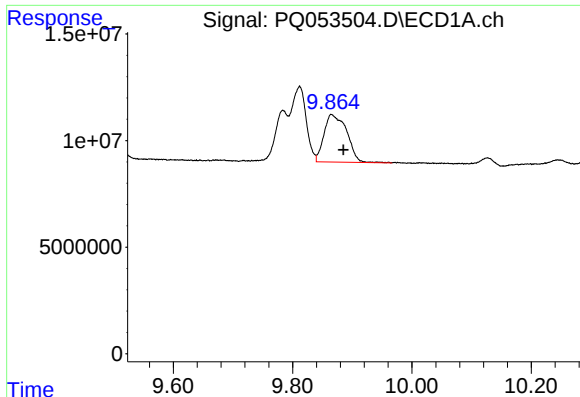
#38 AR-1262-3

R.T.: 9.784 min
Delta R.T.: -0.001 min
Response: 32594687
Conc: 15.86 ng/ml



#38 AR-1262-3

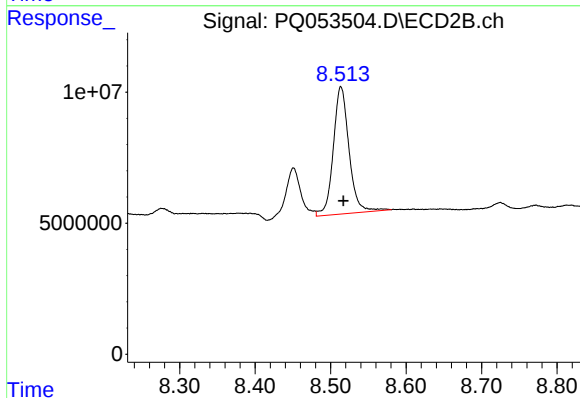
R.T.: 8.451 min
Delta R.T.: -0.001 min
Response: 26708760
Conc: 31.71 ng/ml



#39 AR-1262-4

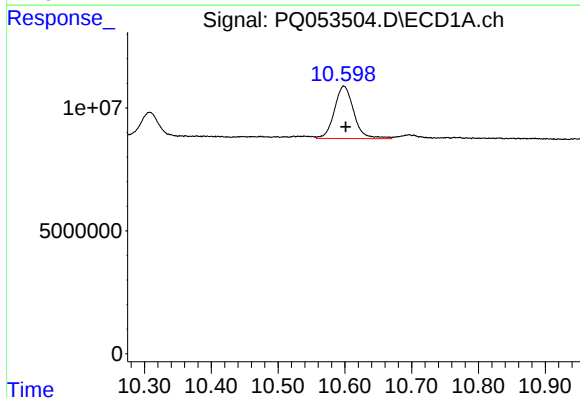
R.T.: 9.865 min
Delta R.T.: -0.020 min
Response: 58950671
Conc: 34.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



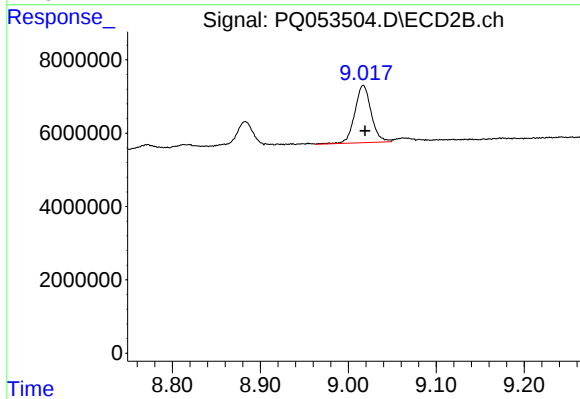
#39 AR-1262-4

R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 70238068
Conc: 49.49 ng/ml



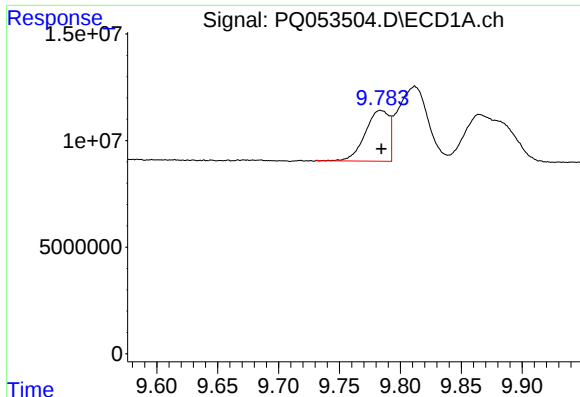
#40 AR-1262-5

R.T.: 10.598 min
Delta R.T.: -0.003 min
Response: 43224201
Conc: 37.97 ng/ml



#40 AR-1262-5

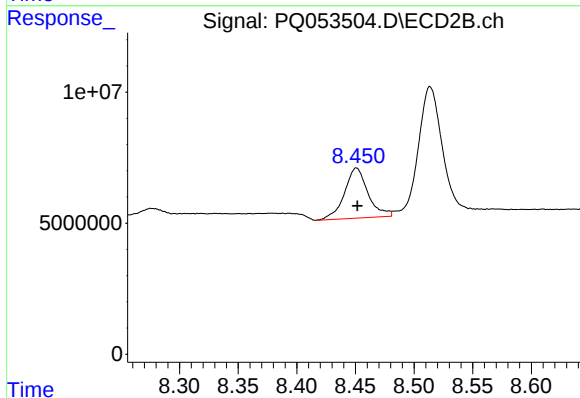
R.T.: 9.017 min
Delta R.T.: -0.002 min
Response: 20229335
Conc: 32.81 ng/ml



#41 AR-1268-1

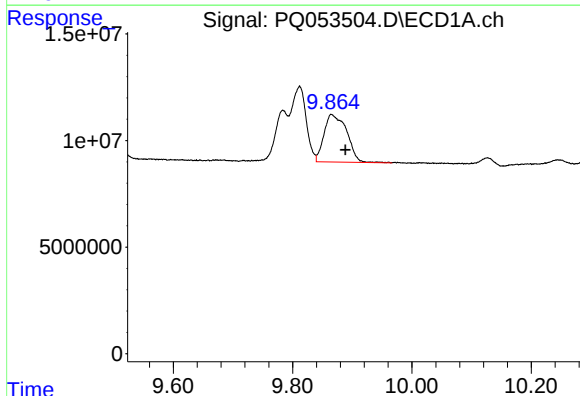
R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 32594687
Conc: 9.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



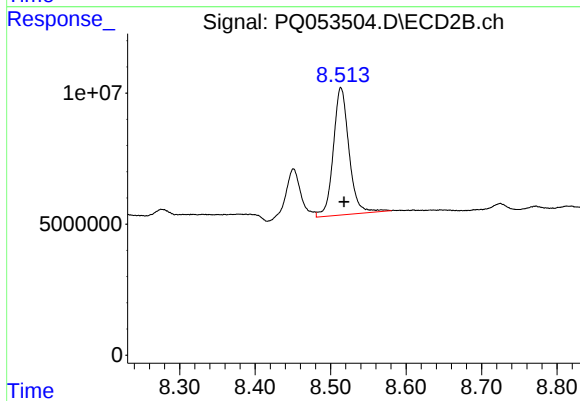
#41 AR-1268-1

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 26708760
Conc: 11.53 ng/ml



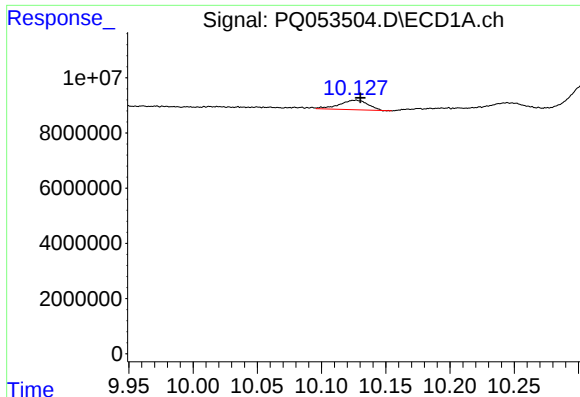
#42 AR-1268-2

R.T.: 9.865 min
Delta R.T.: -0.023 min
Response: 58950671
Conc: 17.65 ng/ml



#42 AR-1268-2

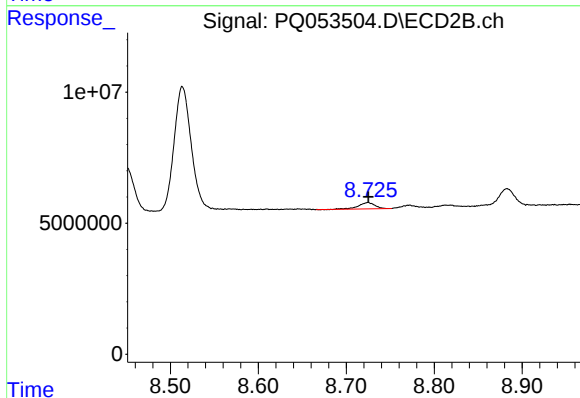
R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 70238068
Conc: 36.12 ng/ml



#43 AR-1268-3

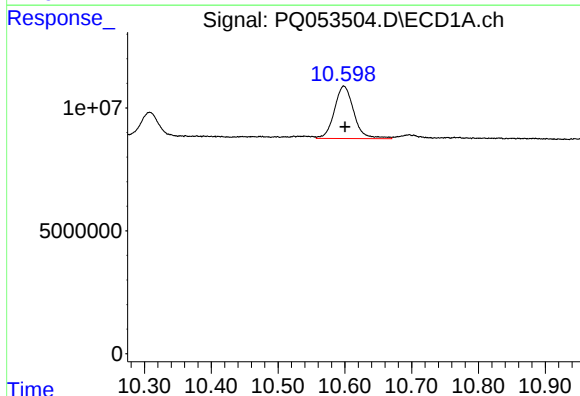
R.T.: 10.127 min
Delta R.T.: -0.004 min
Response: 5383494
Conc: 1.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



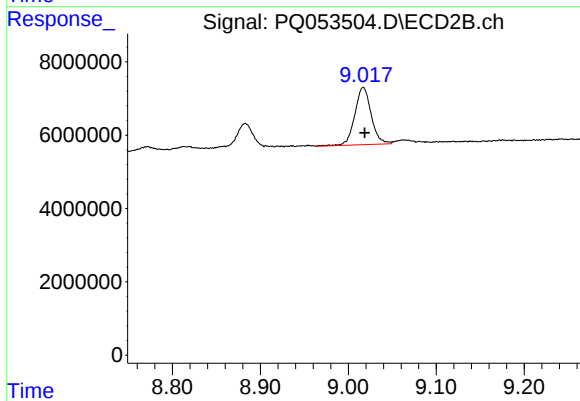
#43 AR-1268-3

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 3151285
Conc: 1.85 ng/ml



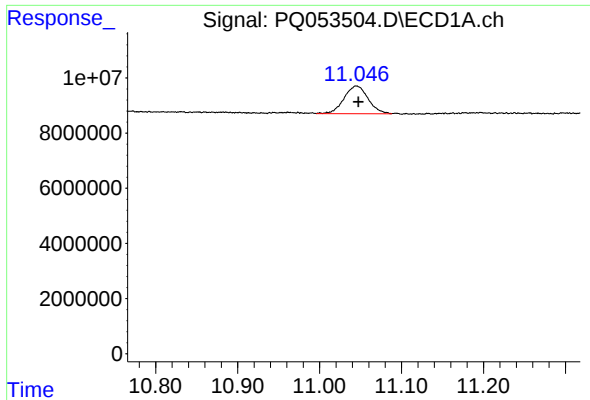
#44 AR-1268-4

R.T.: 10.598 min
Delta R.T.: -0.002 min
Response: 43224201
Conc: 37.50 ng/ml



#44 AR-1268-4

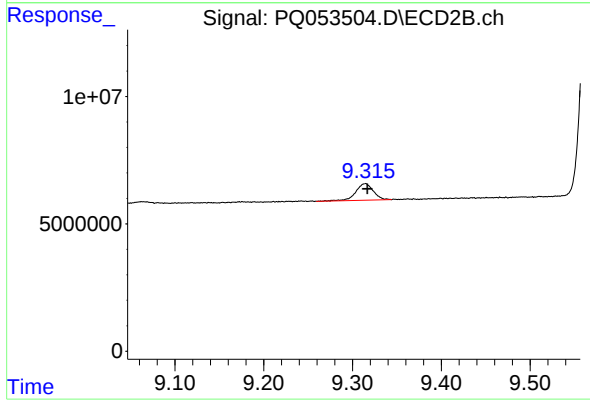
R.T.: 9.017 min
Delta R.T.: -0.002 min
Response: 20229335
Conc: 31.59 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.003 min
Response: 20524165
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.314 min
Delta R.T.: -0.002 min
Response: 9115954
Conc: 1.88 ng/ml