

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112020\
 Data File : PQ051179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2020 23:18
 Operator : DD\AJ
 Sample : L4762-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 00:51:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
 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...	5.239	4.260	250.8E6	83108072	11.076	13.940 #
2)	SA Decachlor...	11.437	9.618	440.6E6	134.4E6	26.854	26.327
Target Compounds							
3)	L1 AR-1016-1	6.561	5.521	11348941	3844779	15.096	18.141
4)	L1 AR-1016-2	6.585	5.541	17396039	6061548	16.004	20.338 #
5)	L1 AR-1016-3	6.624	5.734	44709564	3768911	69.526	24.634 #
6)	L1 AR-1016-4	6.761	5.784	8783684	7850326	16.217	64.708 #
7)	L1 AR-1016-5	7.077	6.014	37233853	7469950	71.523	47.758 #
8)	L2 AR-1221-1	0.000	4.506	0	788155	N.D.	12.811 #
9)	L2 AR-1221-2	0.000	4.615	0	1058968	N.D.	24.757 #
10)	L2 AR-1221-3	5.689	4.707	40688813	7901112	77.854	53.874 #
11)	L3 AR-1232-1	5.689	4.707	40688813	7901112	95.463	66.360 #
12)	L3 AR-1232-2	6.266	5.541	12475049	6061548	55.506	48.662
13)	L3 AR-1232-3	6.585	5.734	17396039	3768911	37.460	59.390 #
14)	L3 AR-1232-4	6.761	5.829	8783684	6512686	37.880	118.140 #
15)	L3 AR-1232-5	6.855	6.014	17294874	7469950	103.467	124.927
16)	L4 AR-1242-1	6.561	5.521	11348941	3844779	18.773	22.858
17)	L4 AR-1242-2	6.585	5.541	17396039	6061548	20.095	25.958 #
18)	L4 AR-1242-3	6.624	5.734	44709564	3768911	86.568	31.152 #
19)	L4 AR-1242-4	6.761	5.829	8783684	6512686	20.363	55.822 #
20)	L4 AR-1242-5	7.541	6.395	22673202	27450610	48.341	173.501 #
21)	L5 AR-1248-1	6.561	5.521	11348941	3844779	26.317	32.439
22)	L5 AR-1248-2	6.855	5.784	17294874	7850326	28.718	47.669 #
23)	L5 AR-1248-3	7.077	5.829	37233853	6512686	53.621	38.158 #
24)	L5 AR-1248-4	7.500	6.014	32123424	7469950	39.659	36.202
25)	L5 AR-1248-5	7.541	6.437	22673202	8103085	28.865	37.779 #
26)	L6 AR-1254-1	7.473	6.395	53256523	27450610	62.100	76.642
27)	L6 AR-1254-2	7.701	6.553	72167752	15790999	54.148	50.966
28)	L6 AR-1254-3	8.084	6.976	69861956	30698248	48.241	59.407
29)	L6 AR-1254-4	8.377	7.214	49507891	8305310	47.267	25.513 #
30)	L6 AR-1254-5	8.806	7.643	184.2E6	59667763	166.993	131.496
31)	L7 AR-1260-1	8.248	7.112	121.6E6	42041037	139.576	136.603
32)	L7 AR-1260-2	8.513	7.308	195.6E6	47485174	191.001	122.378 #
33)	L7 AR-1260-3	8.879	7.461	138.6E6	63283932	187.344	175.179
34)	L7 AR-1260-4	9.123	7.949	133.2E6	37420860	157.726	119.465
35)	L7 AR-1260-5	9.470	8.195	244.4E6	94925591	138.960	120.832
36)	L8 AR-1262-1	8.879	7.643	138.6E6	59667763	108.961	256.514 #
37)	L8 AR-1262-2	9.470	8.195	244.4E6	94925591	107.630	110.322
38)	L8 AR-1262-3	9.804	8.484	92631150	35355863	97.955	112.812
39)	L8 AR-1262-4	9.904	8.547	122.8E6	77533357	213.550	126.317 #
40)	L8 AR-1262-5	10.623	9.051	79037754	35026007	98.188	126.048 #
41)	L9 AR-1268-1	9.804	8.484	92631150	35355863	33.990	37.576

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112020\
 Data File : PQ051179.D
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 Acq On : 20 Nov 2020 23:18
 Operator : DD\AJ
 Sample : L4762-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

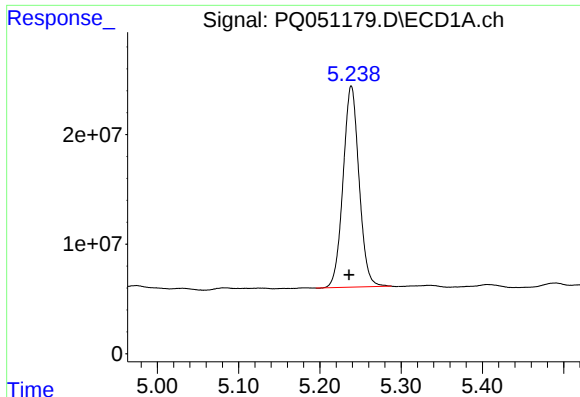
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 00:51:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
 Response via : Initial Calibration
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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
42) L9	AR-1268-2	9.904	8.547	122.8E6	77533357	49.301	87.283 #
43) L9	AR-1268-3	10.151	8.761	14182400	11107055	6.581	14.825 #
44) L9	AR-1268-4	10.623	9.051	79037754	35026007	84.562	111.652 #
45) L9	AR-1268-5	11.071	9.353	86589485	32027516	11.512	13.161

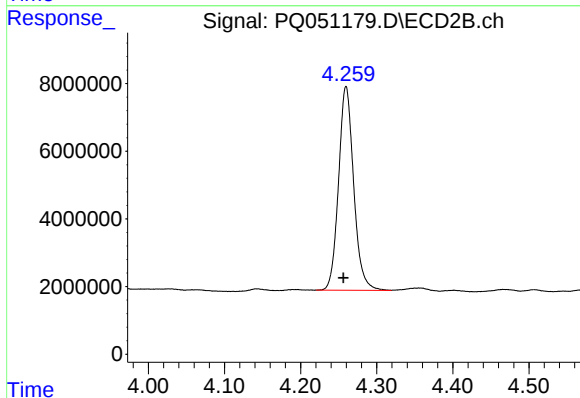
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

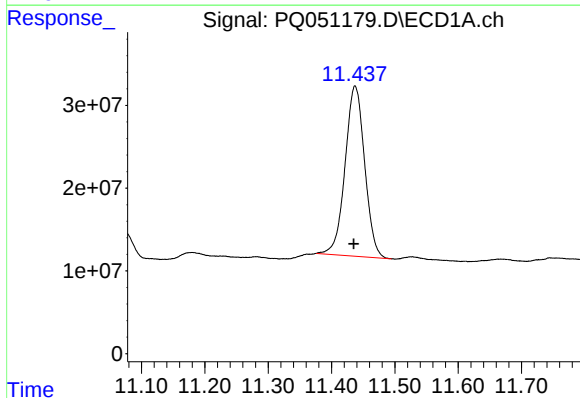
R.T.: 5.239 min
Delta R.T.: 0.003 min
Response: 250789418
Conc: 11.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



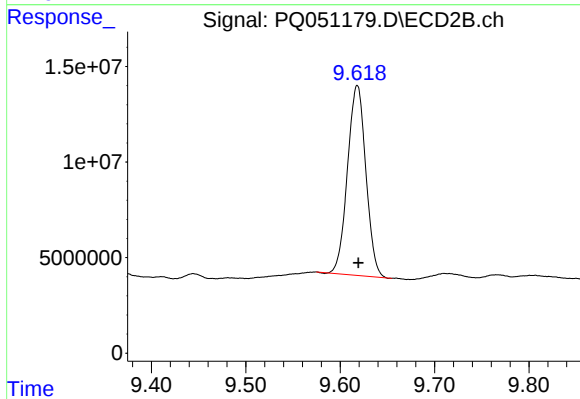
#1 Tetrachloro-m-xylene

R.T.: 4.260 min
Delta R.T.: 0.003 min
Response: 83108072
Conc: 13.94 ng/ml



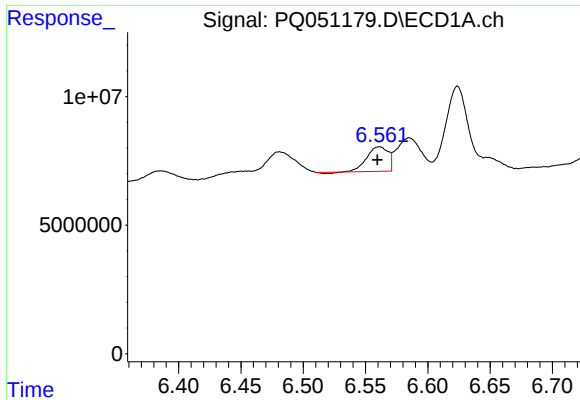
#2 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: 0.002 min
Response: 440648451
Conc: 26.85 ng/ml



#2 Decachlorobiphenyl

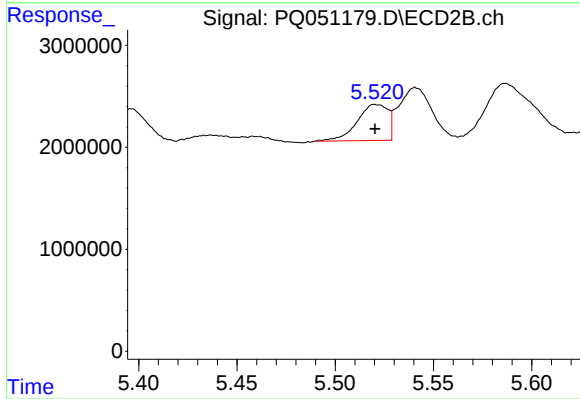
R.T.: 9.618 min
Delta R.T.: -0.001 min
Response: 134445294
Conc: 26.33 ng/ml



#3 AR-1016-1

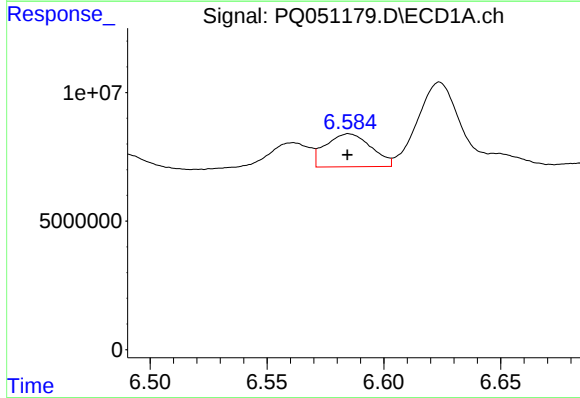
R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 11348941
Conc: 15.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



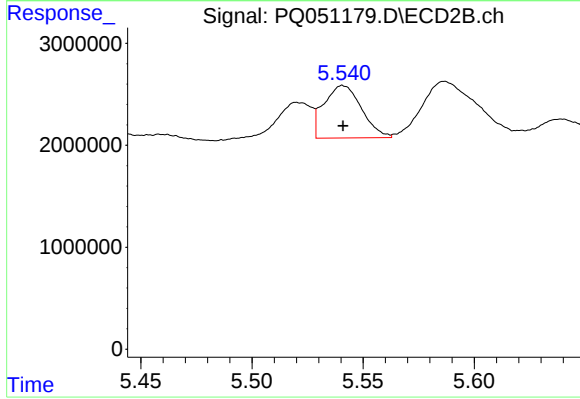
#3 AR-1016-1

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 3844779
Conc: 18.14 ng/ml



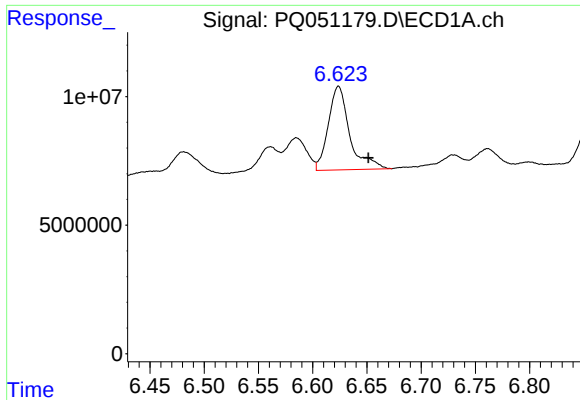
#4 AR-1016-2

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 17396039
Conc: 16.00 ng/ml



#4 AR-1016-2

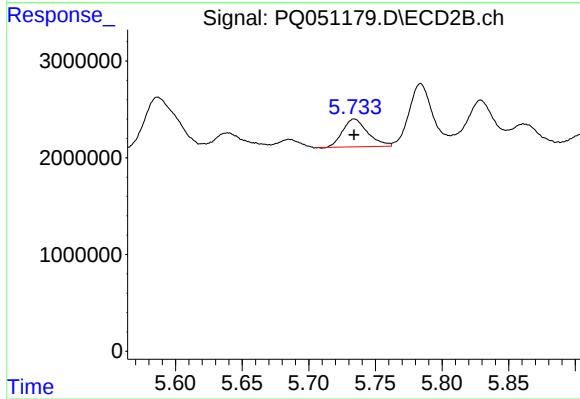
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 6061548
Conc: 20.34 ng/ml



#5 AR-1016-3

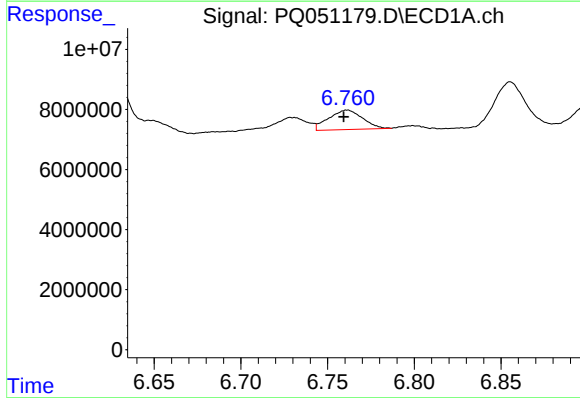
R.T.: 6.624 min
Delta R.T.: -0.027 min
Response: 44709564
Conc: 69.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



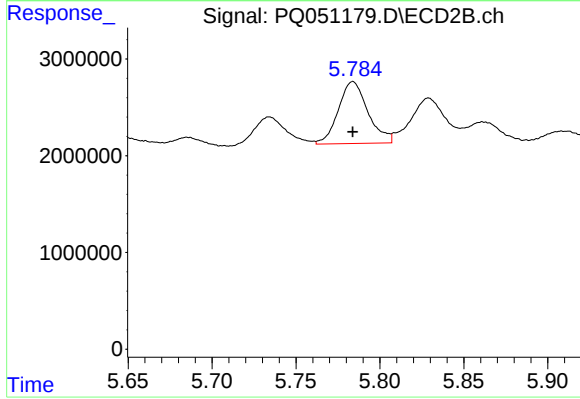
#5 AR-1016-3

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 3768911
Conc: 24.63 ng/ml



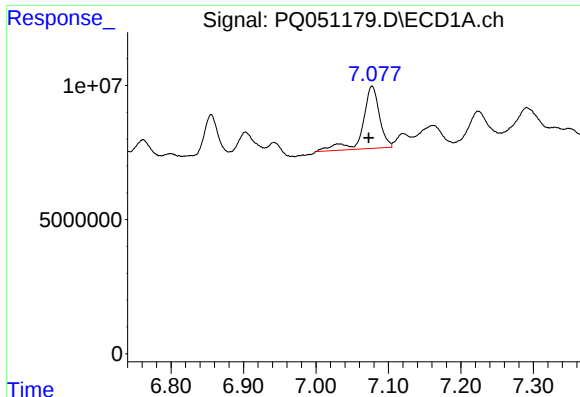
#6 AR-1016-4

R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 8783684
Conc: 16.22 ng/ml



#6 AR-1016-4

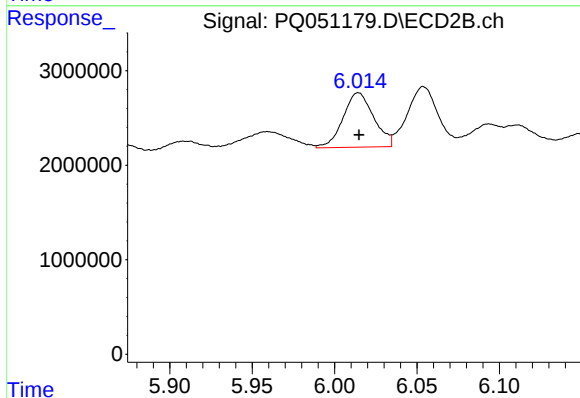
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 7850326
Conc: 64.71 ng/ml



#7 AR-1016-5

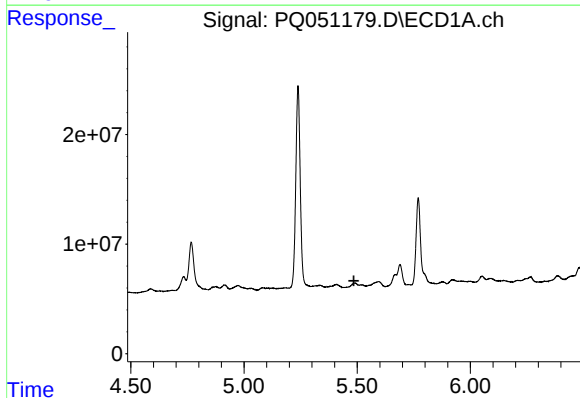
R.T.: 7.077 min
Delta R.T.: 0.005 min
Response: 37233853
Conc: 71.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



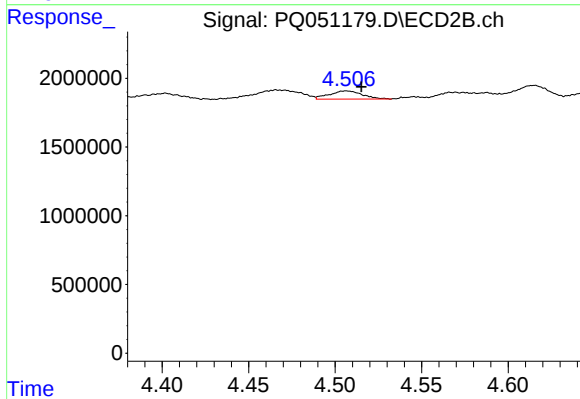
#7 AR-1016-5

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 7469950
Conc: 47.76 ng/ml



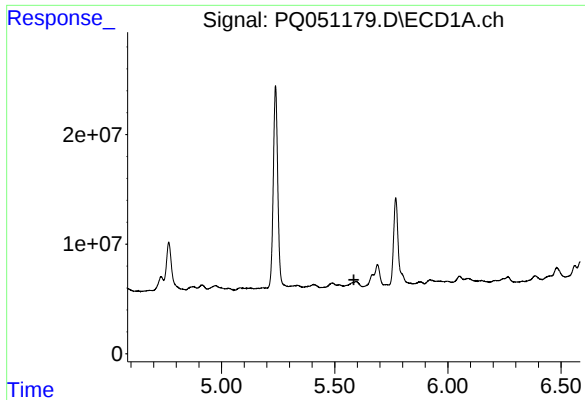
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#8 AR-1221-1

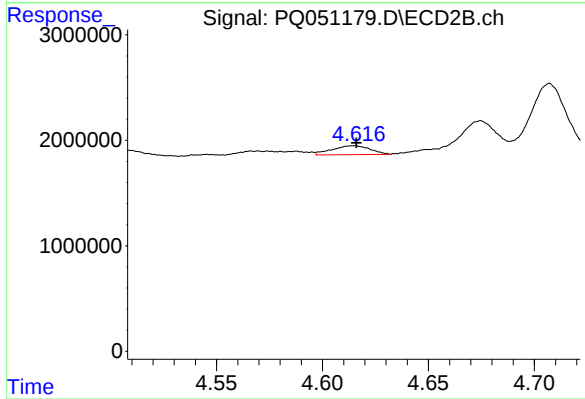
R.T.: 4.506 min
Delta R.T.: -0.009 min
Response: 788155
Conc: 12.81 ng/ml



#9 AR-1221-2

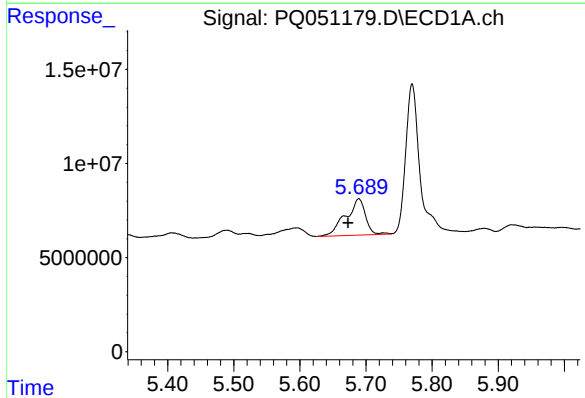
R.T.: 0.000 min
Exp R.T.: 5.585 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



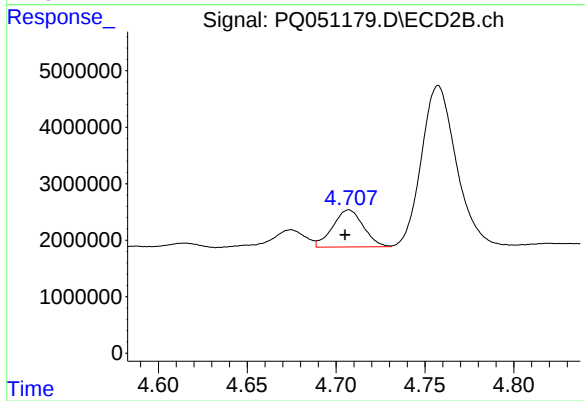
#9 AR-1221-2

R.T.: 4.615 min
Delta R.T.: -0.001 min
Response: 1058968
Conc: 24.76 ng/ml



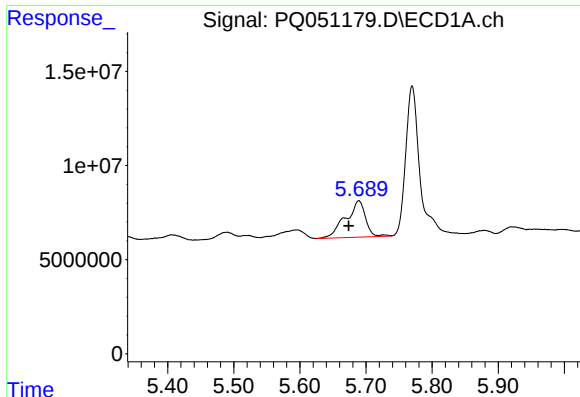
#10 AR-1221-3

R.T.: 5.689 min
Delta R.T.: 0.016 min
Response: 40688813
Conc: 77.85 ng/ml



#10 AR-1221-3

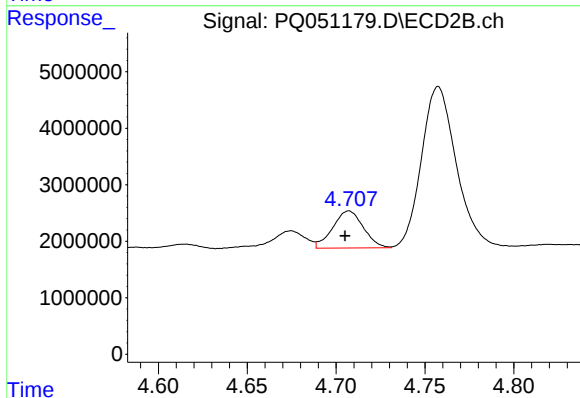
R.T.: 4.707 min
Delta R.T.: 0.002 min
Response: 7901112
Conc: 53.87 ng/ml



#11 AR-1232-1

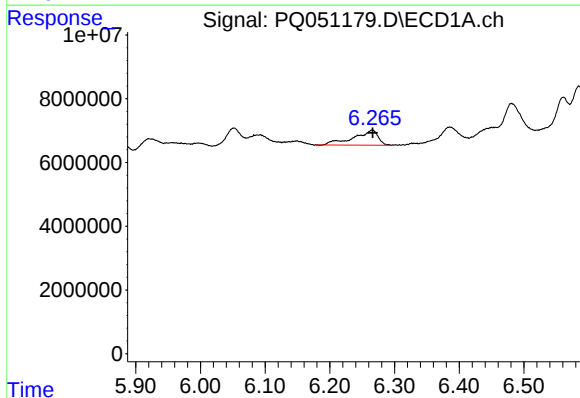
R.T.: 5.689 min
Delta R.T.: 0.016 min
Response: 40688813
Conc: 95.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



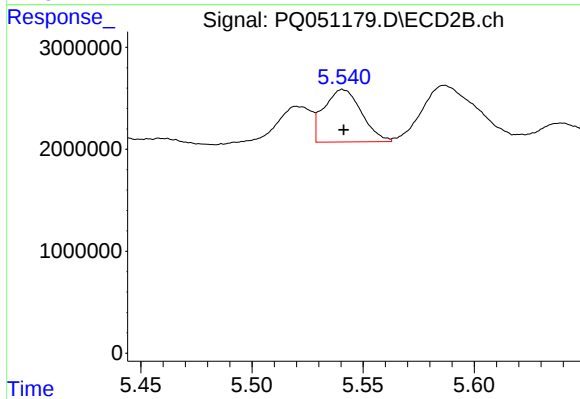
#11 AR-1232-1

R.T.: 4.707 min
Delta R.T.: 0.002 min
Response: 7901112
Conc: 66.36 ng/ml



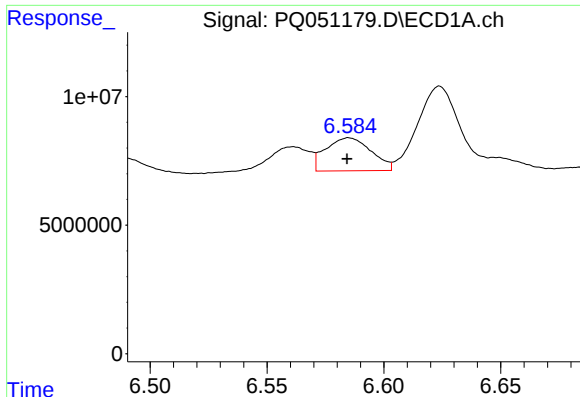
#12 AR-1232-2

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 12475049
Conc: 55.51 ng/ml



#12 AR-1232-2

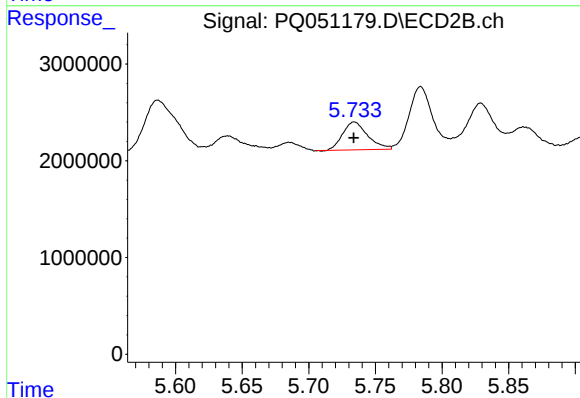
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 6061548
Conc: 48.66 ng/ml



#13 AR-1232-3

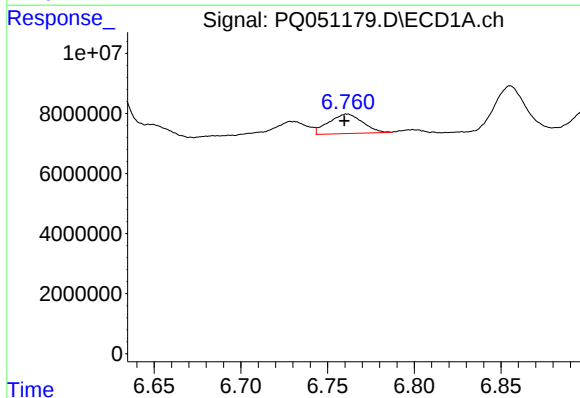
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 17396039
Conc: 37.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



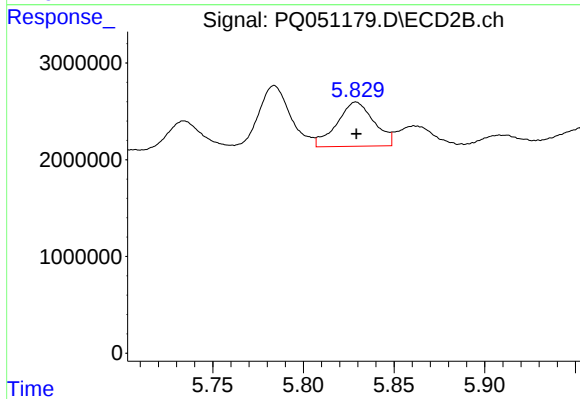
#13 AR-1232-3

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 3768911
Conc: 59.39 ng/ml



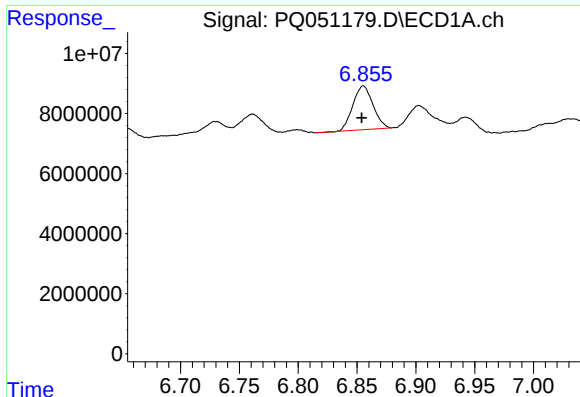
#14 AR-1232-4

R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 8783684
Conc: 37.88 ng/ml



#14 AR-1232-4

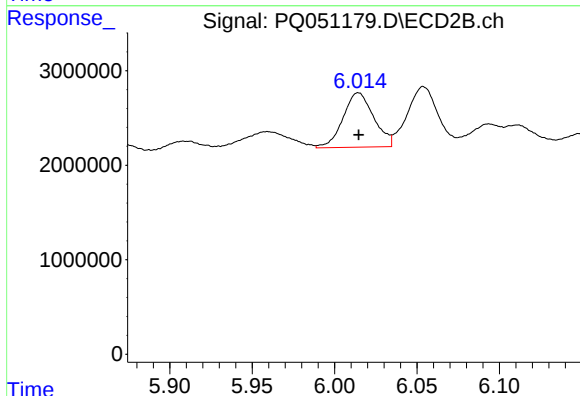
R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 6512686
Conc: 118.14 ng/ml



#15 AR-1232-5

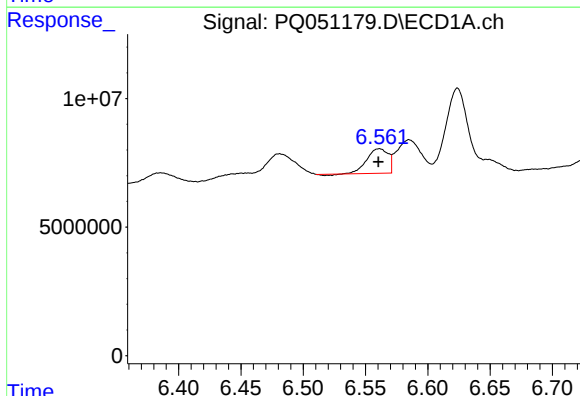
R.T.: 6.855 min
Delta R.T.: 0.001 min
Response: 17294874
Conc: 103.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



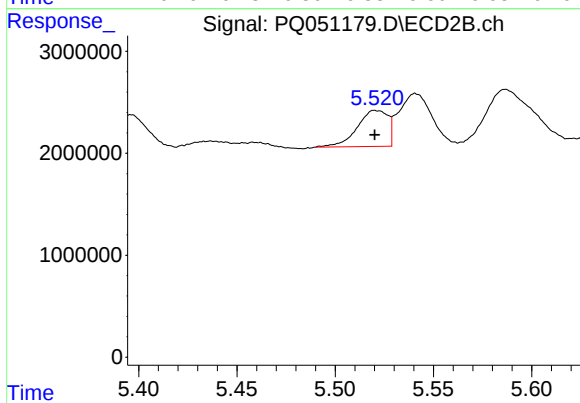
#15 AR-1232-5

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 7469950
Conc: 124.93 ng/ml



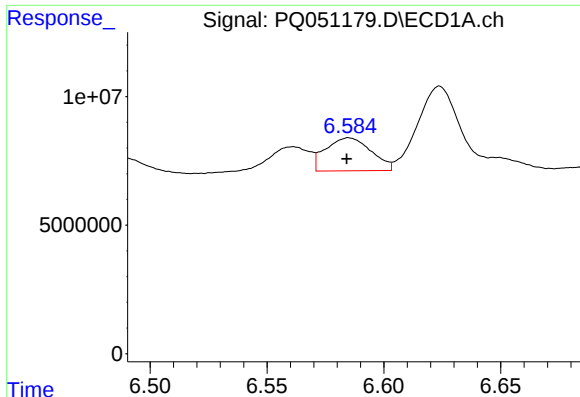
#16 AR-1242-1

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 11348941
Conc: 18.77 ng/ml



#16 AR-1242-1

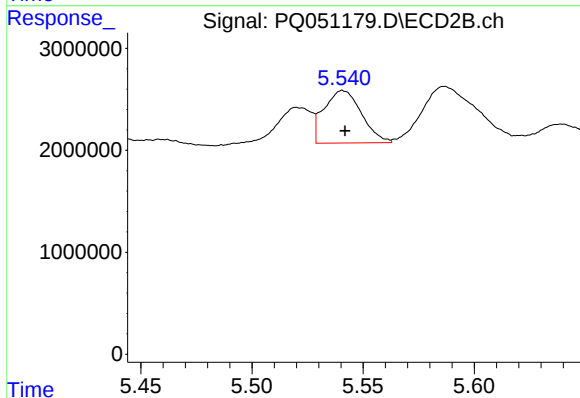
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 3844779
Conc: 22.86 ng/ml



#17 AR-1242-2

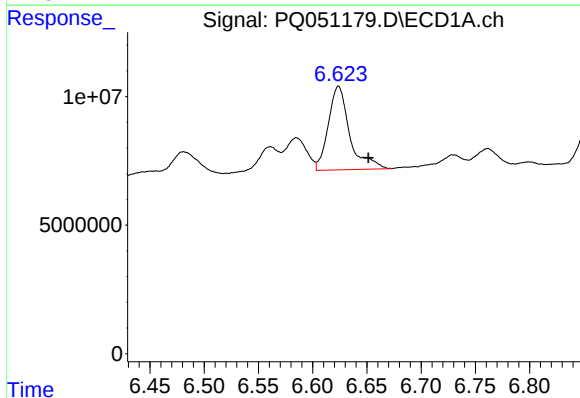
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 17396039
Conc: 20.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



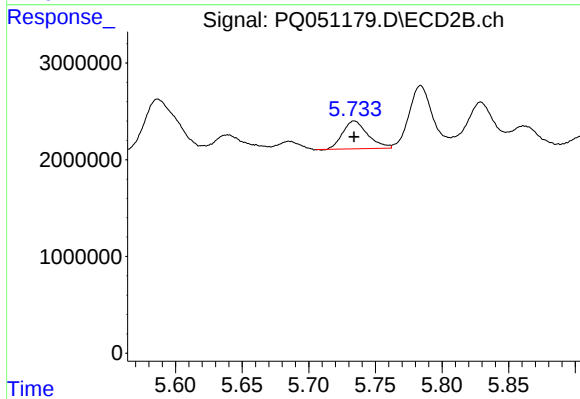
#17 AR-1242-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 6061548
Conc: 25.96 ng/ml



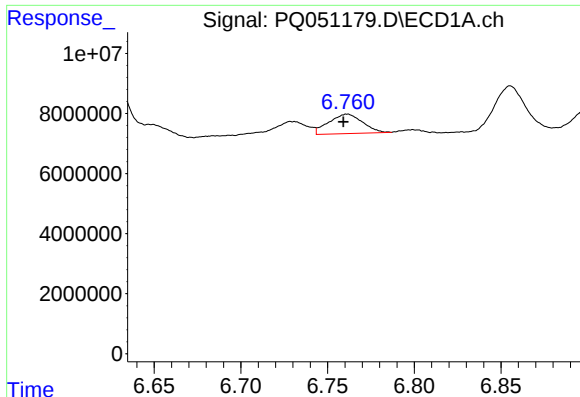
#18 AR-1242-3

R.T.: 6.624 min
Delta R.T.: -0.028 min
Response: 44709564
Conc: 86.57 ng/ml



#18 AR-1242-3

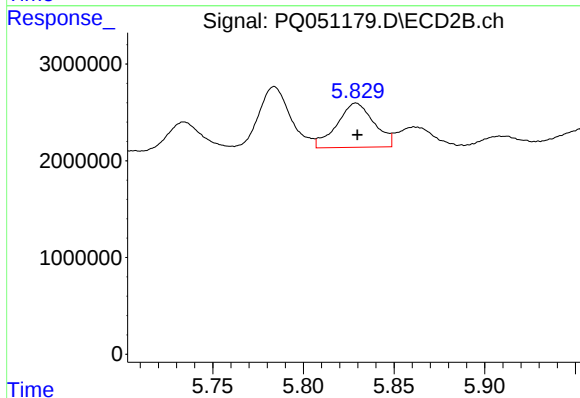
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 3768911
Conc: 31.15 ng/ml



#19 AR-1242-4

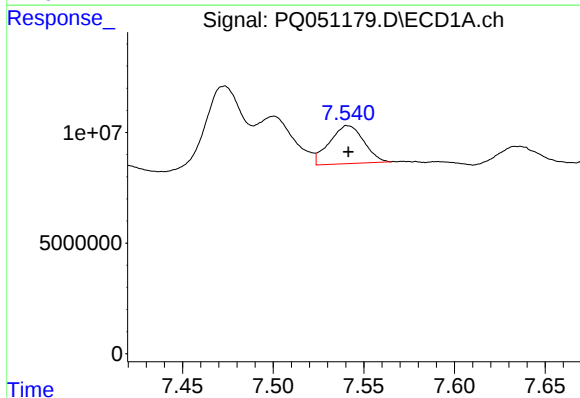
R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 8783684
Conc: 20.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



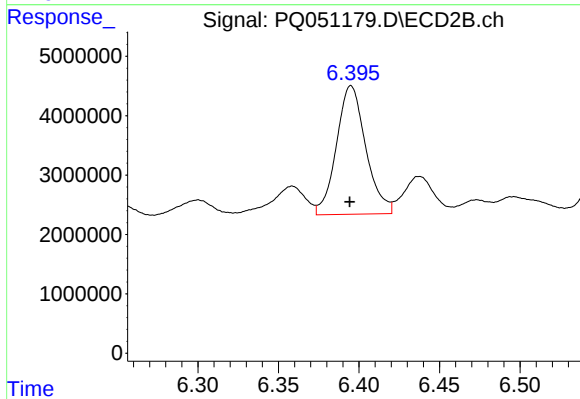
#19 AR-1242-4

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 6512686
Conc: 55.82 ng/ml



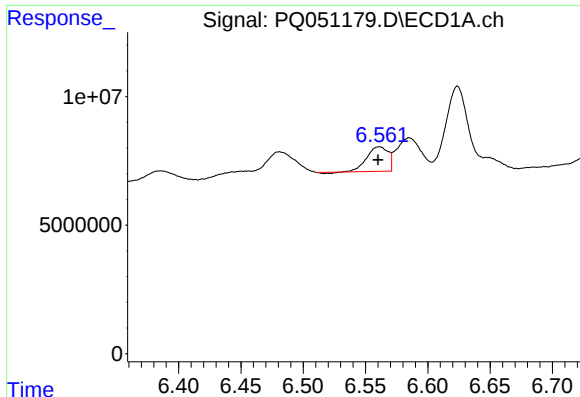
#20 AR-1242-5

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 22673202
Conc: 48.34 ng/ml



#20 AR-1242-5

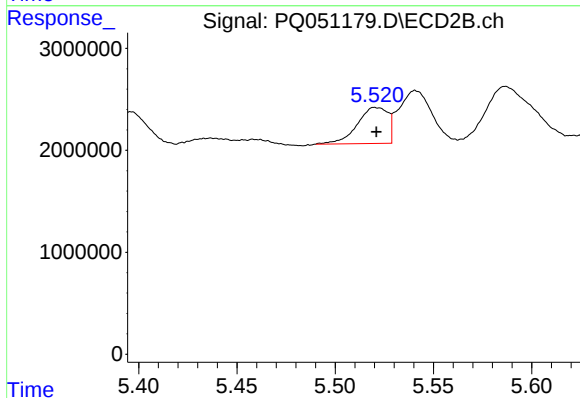
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 27450610
Conc: 173.50 ng/ml



#21 AR-1248-1

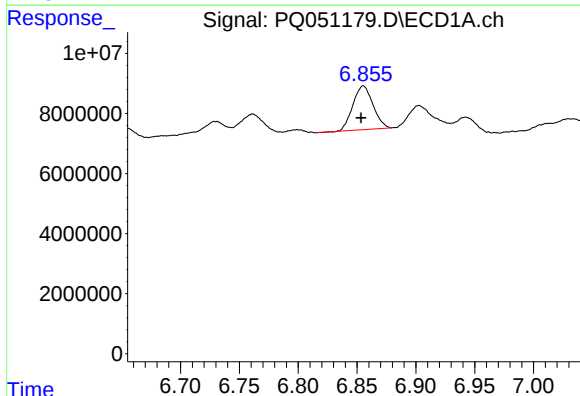
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 11348941
Conc: 26.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



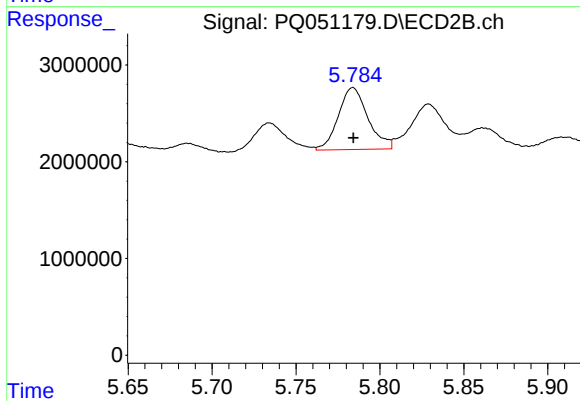
#21 AR-1248-1

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 3844779
Conc: 32.44 ng/ml



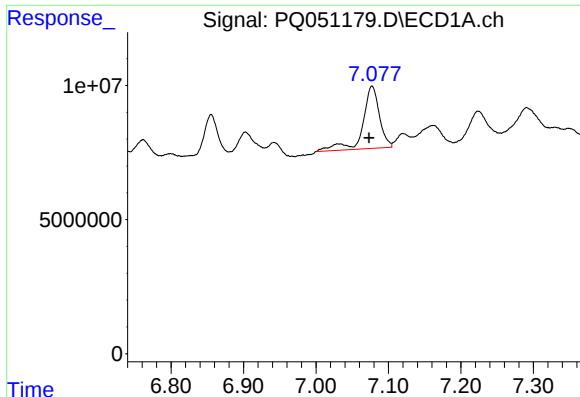
#22 AR-1248-2

R.T.: 6.855 min
Delta R.T.: 0.002 min
Response: 17294874
Conc: 28.72 ng/ml



#22 AR-1248-2

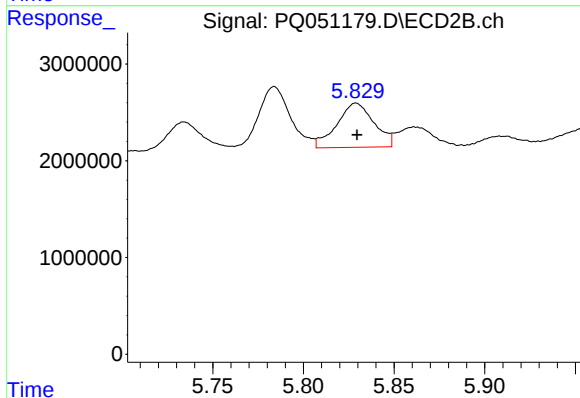
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 7850326
Conc: 47.67 ng/ml



#23 AR-1248-3

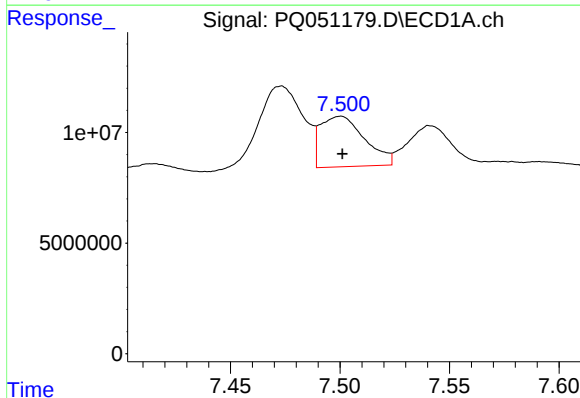
R.T.: 7.077 min
Delta R.T.: 0.004 min
Response: 37233853
Conc: 53.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



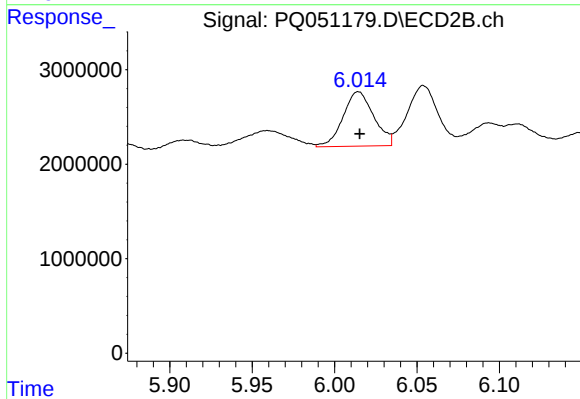
#23 AR-1248-3

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 6512686
Conc: 38.16 ng/ml



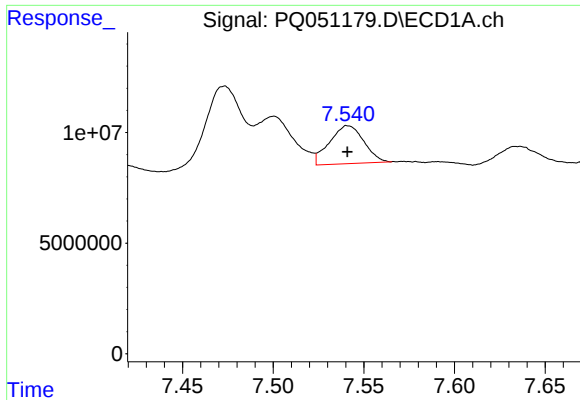
#24 AR-1248-4

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 32123424
Conc: 39.66 ng/ml



#24 AR-1248-4

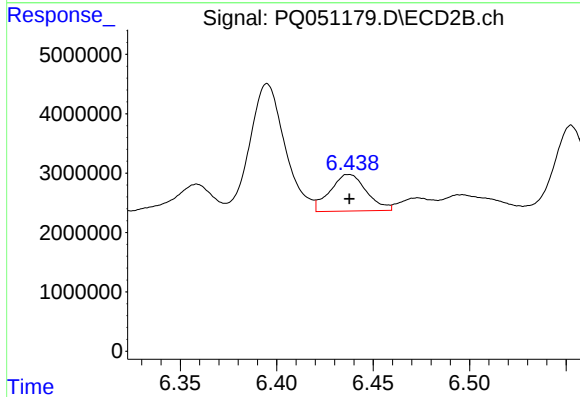
R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 7469950
Conc: 36.20 ng/ml



#25 AR-1248-5

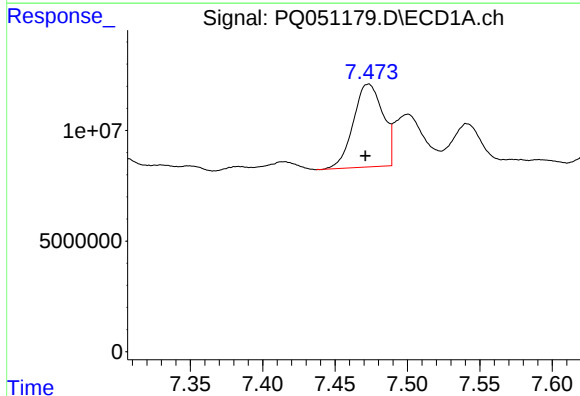
R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 22673202
Conc: 28.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



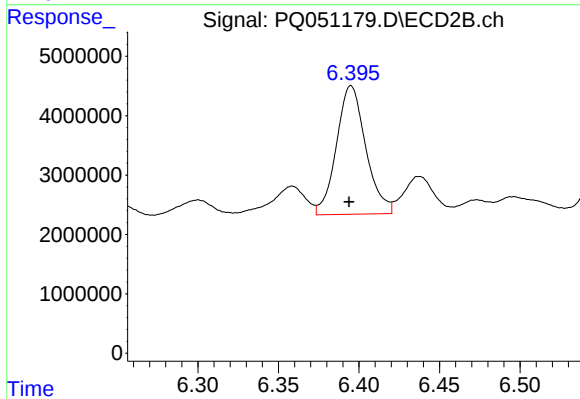
#25 AR-1248-5

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 8103085
Conc: 37.78 ng/ml



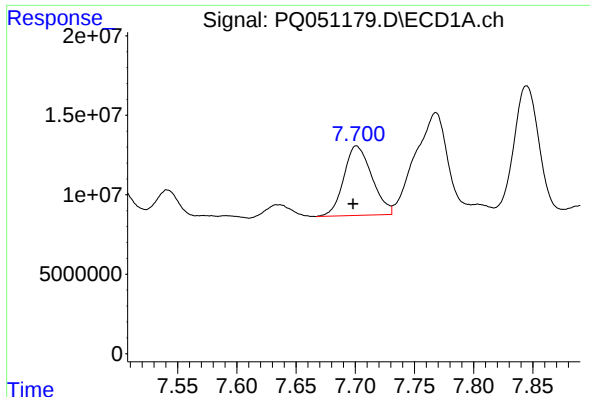
#26 AR-1254-1

R.T.: 7.473 min
Delta R.T.: 0.002 min
Response: 53256523
Conc: 62.10 ng/ml



#26 AR-1254-1

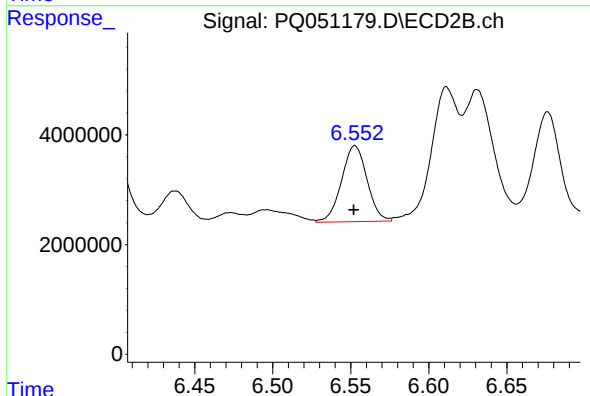
R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 27450610
Conc: 76.64 ng/ml



#27 AR-1254-2

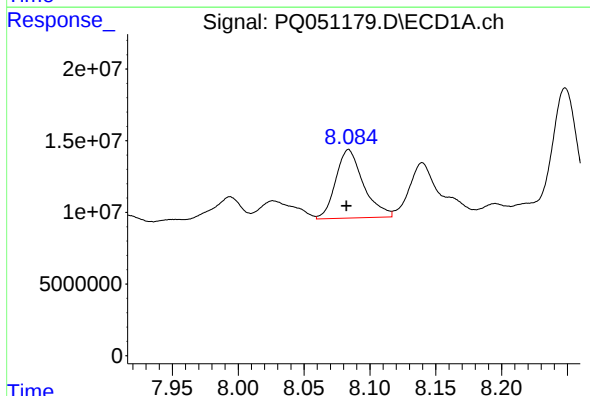
R.T.: 7.701 min
Delta R.T.: 0.003 min
Response: 72167752
Conc: 54.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



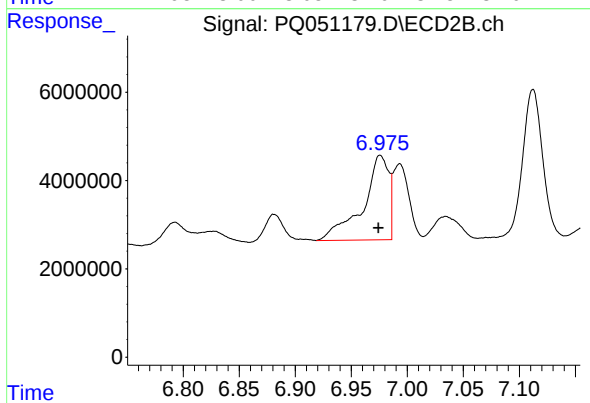
#27 AR-1254-2

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 15790999
Conc: 50.97 ng/ml



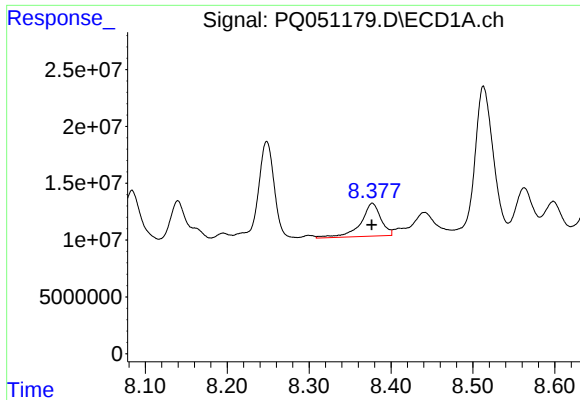
#28 AR-1254-3

R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 69861956
Conc: 48.24 ng/ml



#28 AR-1254-3

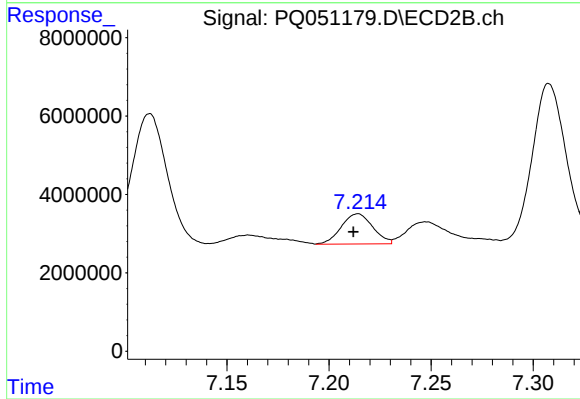
R.T.: 6.976 min
Delta R.T.: 0.001 min
Response: 30698248
Conc: 59.41 ng/ml



#29 AR-1254-4

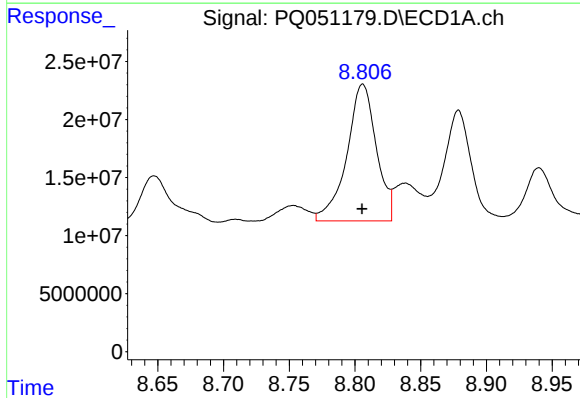
R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 49507891
Conc: 47.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



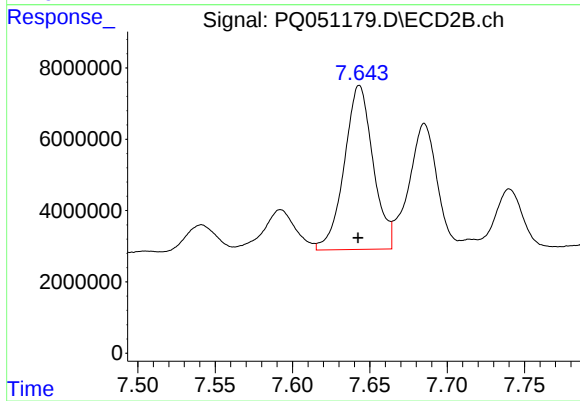
#29 AR-1254-4

R.T.: 7.214 min
Delta R.T.: 0.002 min
Response: 8305310
Conc: 25.51 ng/ml



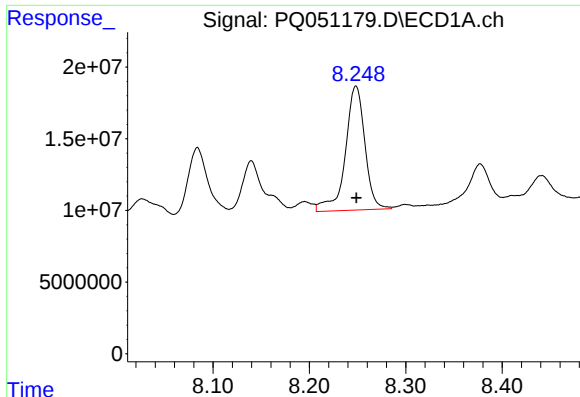
#30 AR-1254-5

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 184213601
Conc: 166.99 ng/ml



#30 AR-1254-5

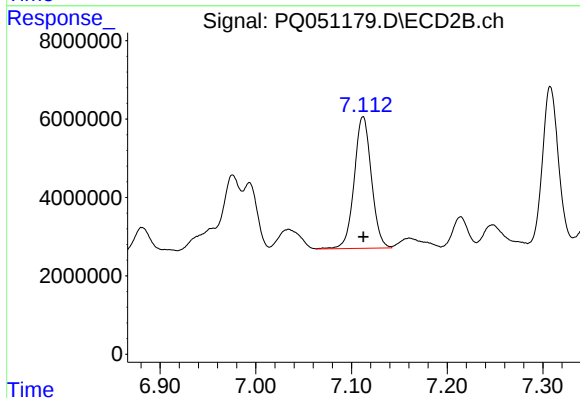
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 59667763
Conc: 131.50 ng/ml



#31 AR-1260-1

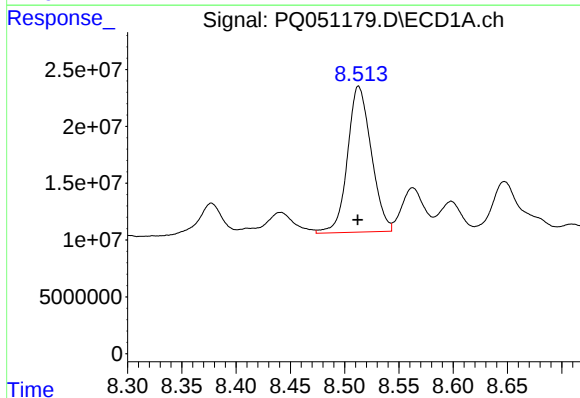
R.T.: 8.248 min
Delta R.T.: 0.000 min
Response: 121621552
Conc: 139.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



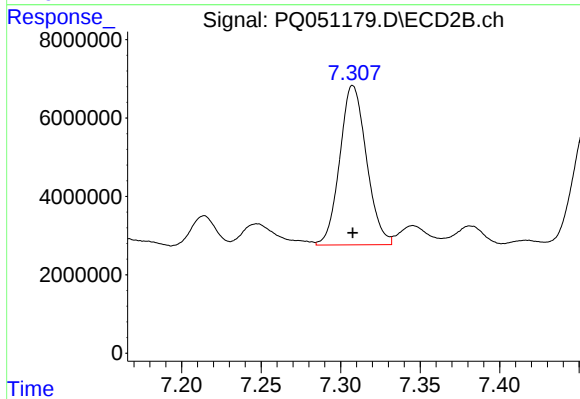
#31 AR-1260-1

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 42041037
Conc: 136.60 ng/ml



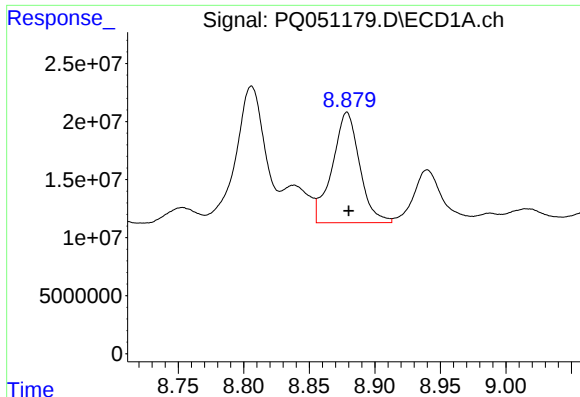
#32 AR-1260-2

R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 195635520
Conc: 191.00 ng/ml



#32 AR-1260-2

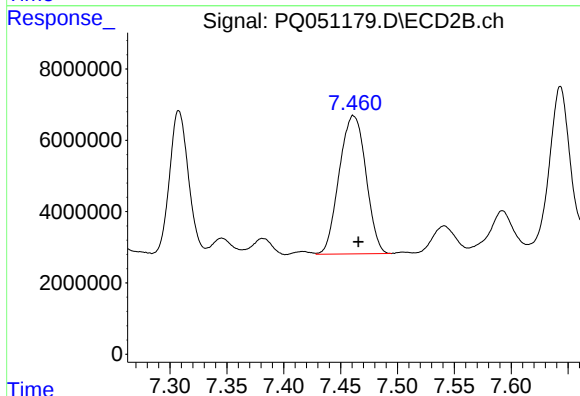
R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 47485174
Conc: 122.38 ng/ml



#33 AR-1260-3

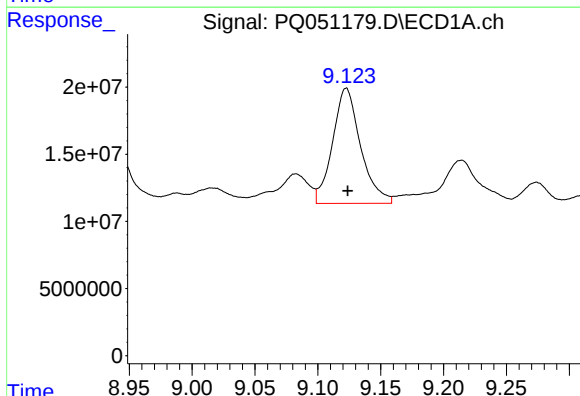
R.T.: 8.879 min
Delta R.T.: -0.001 min
Response: 138563763
Conc: 187.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



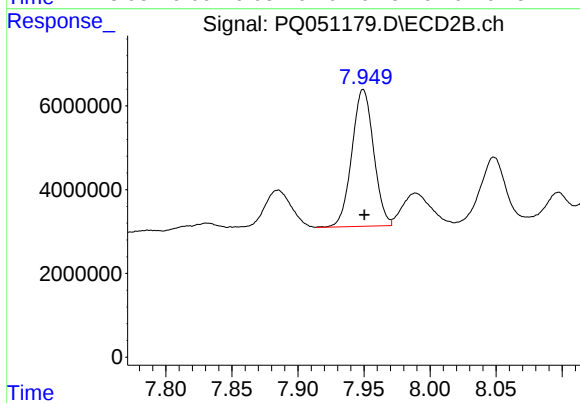
#33 AR-1260-3

R.T.: 7.461 min
Delta R.T.: -0.004 min
Response: 63283932
Conc: 175.18 ng/ml



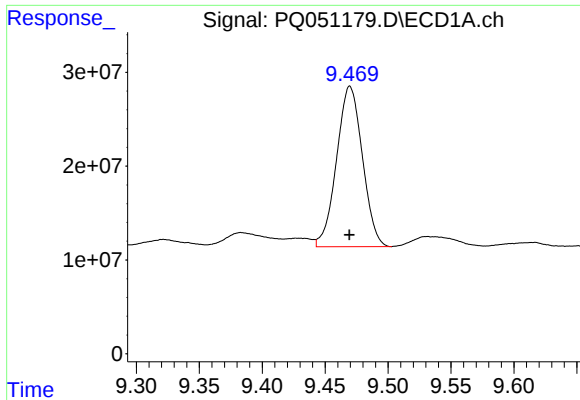
#34 AR-1260-4

R.T.: 9.123 min
Delta R.T.: -0.001 min
Response: 133150706
Conc: 157.73 ng/ml



#34 AR-1260-4

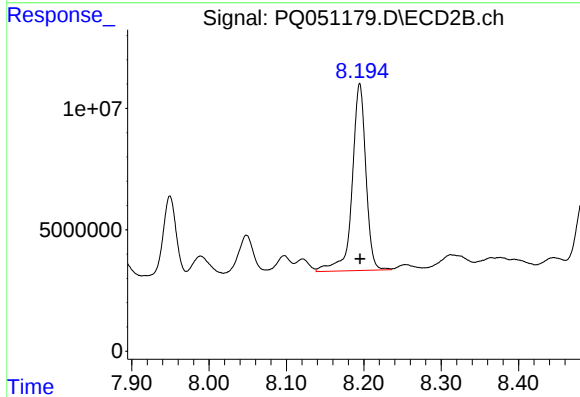
R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 37420860
Conc: 119.47 ng/ml



#35 AR-1260-5

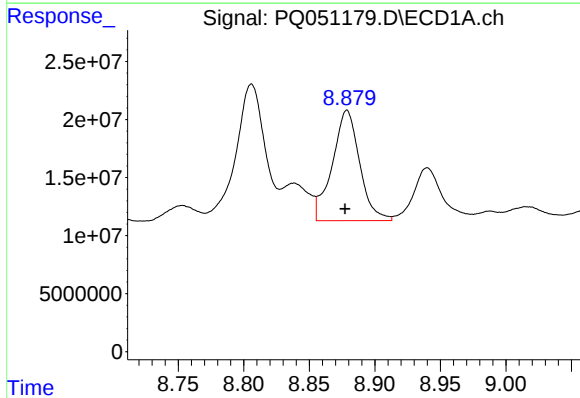
R.T.: 9.470 min
Delta R.T.: 0.000 min
Response: 244396343
Conc: 138.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



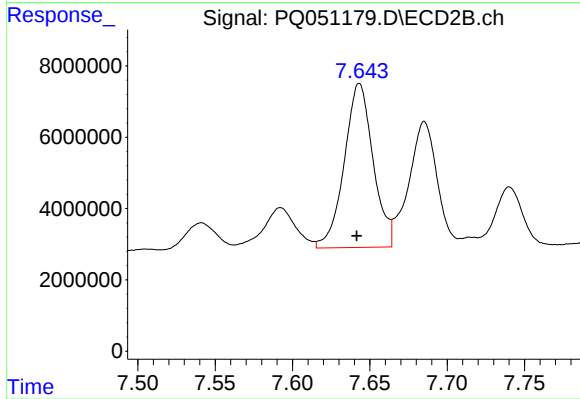
#35 AR-1260-5

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 94925591
Conc: 120.83 ng/ml



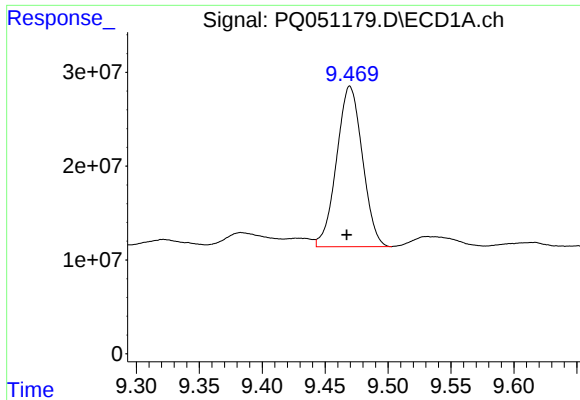
#36 AR-1262-1

R.T.: 8.879 min
Delta R.T.: 0.001 min
Response: 138563763
Conc: 108.96 ng/ml



#36 AR-1262-1

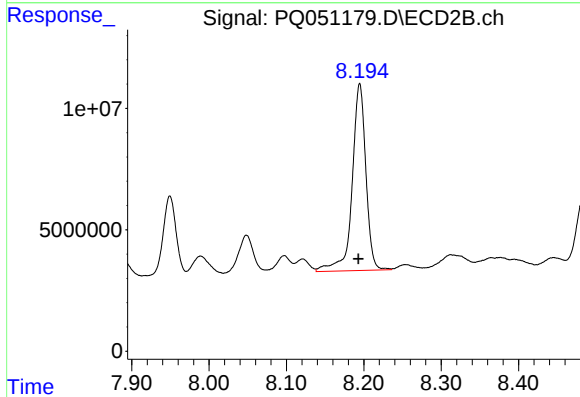
R.T.: 7.643 min
Delta R.T.: 0.002 min
Response: 59667763
Conc: 256.51 ng/ml



#37 AR-1262-2

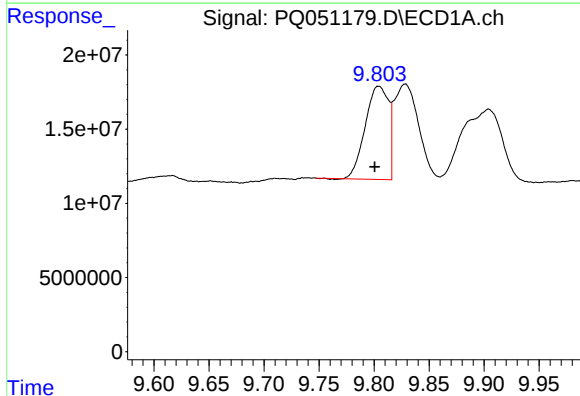
R.T.: 9.470 min
Delta R.T.: 0.003 min
Response: 244396343
Conc: 107.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



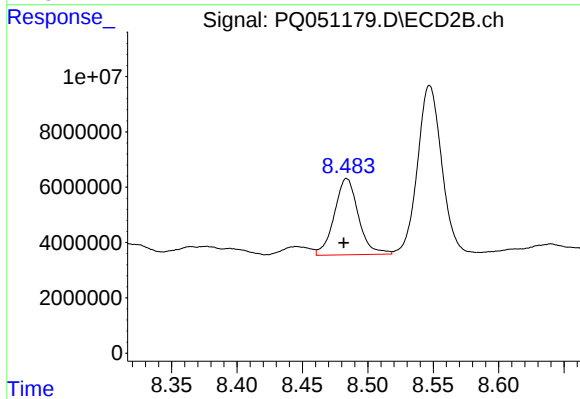
#37 AR-1262-2

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 94925591
Conc: 110.32 ng/ml



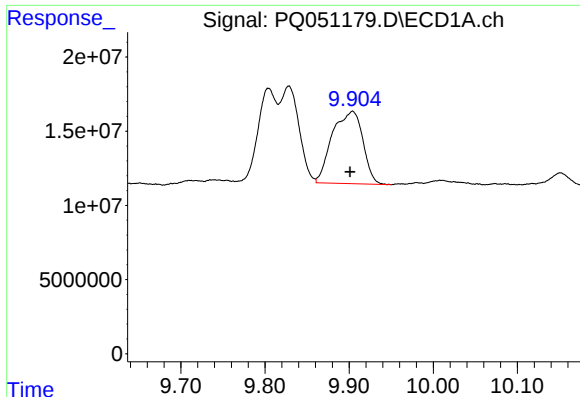
#38 AR-1262-3

R.T.: 9.804 min
Delta R.T.: 0.004 min
Response: 92631150
Conc: 97.96 ng/ml



#38 AR-1262-3

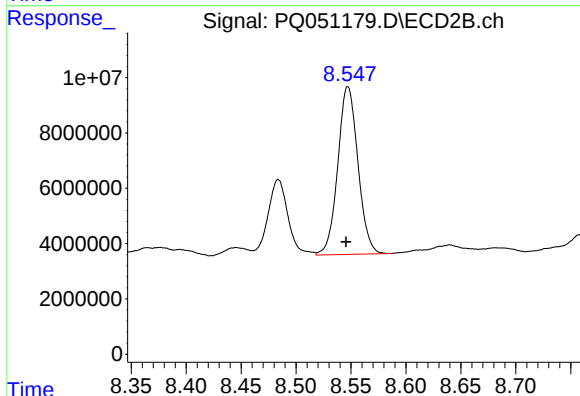
R.T.: 8.484 min
Delta R.T.: 0.002 min
Response: 35355863
Conc: 112.81 ng/ml



#39 AR-1262-4

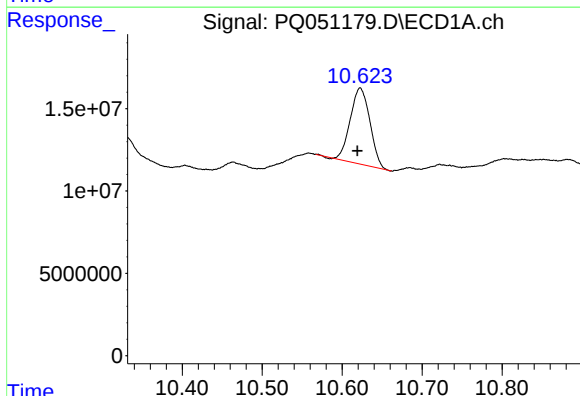
R.T.: 9.904 min
Delta R.T.: 0.003 min
Response: 122805971
Conc: 213.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



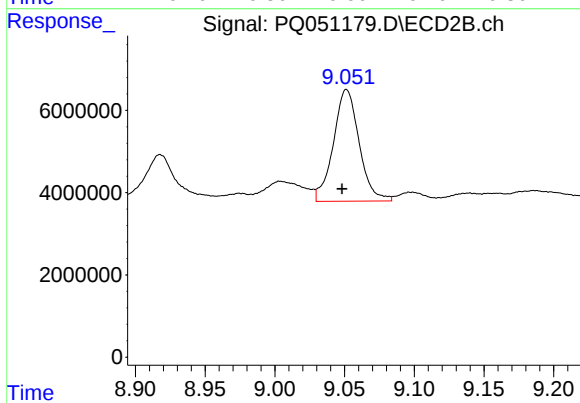
#39 AR-1262-4

R.T.: 8.547 min
Delta R.T.: 0.002 min
Response: 77533357
Conc: 126.32 ng/ml



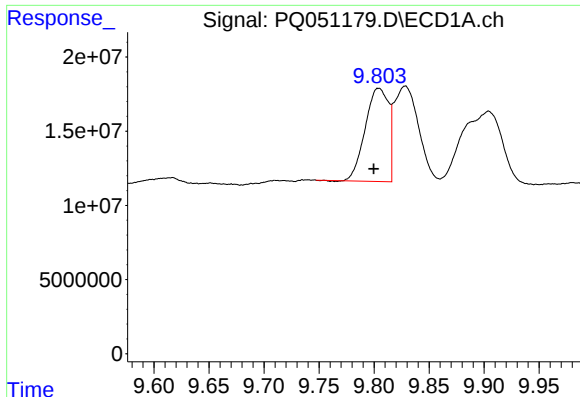
#40 AR-1262-5

R.T.: 10.623 min
Delta R.T.: 0.003 min
Response: 79037754
Conc: 98.19 ng/ml



#40 AR-1262-5

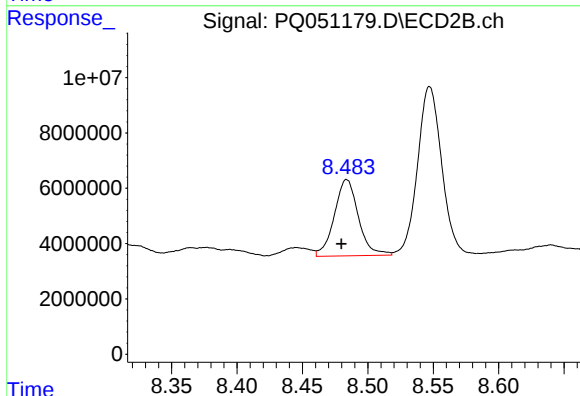
R.T.: 9.051 min
Delta R.T.: 0.003 min
Response: 35026007
Conc: 126.05 ng/ml



#41 AR-1268-1

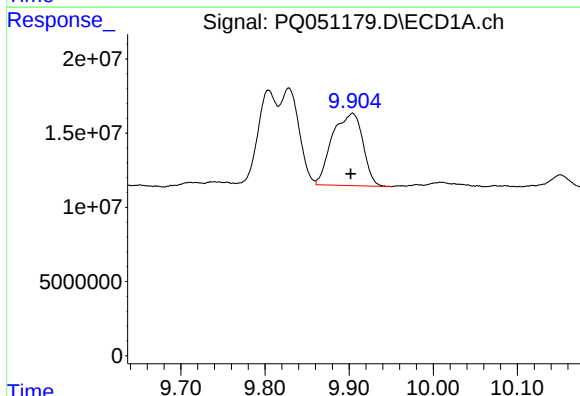
R.T.: 9.804 min
Delta R.T.: 0.005 min
Response: 92631150
Conc: 33.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



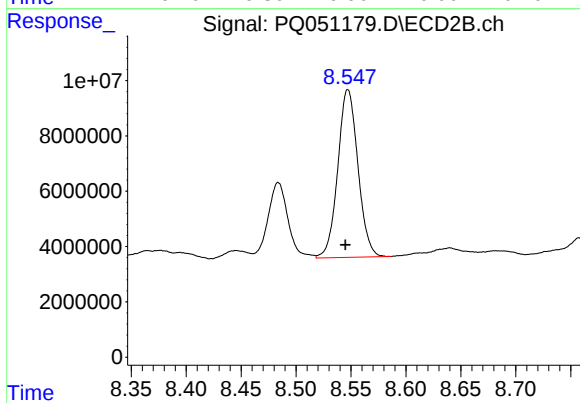
#41 AR-1268-1

R.T.: 8.484 min
Delta R.T.: 0.004 min
Response: 35355863
Conc: 37.58 ng/ml



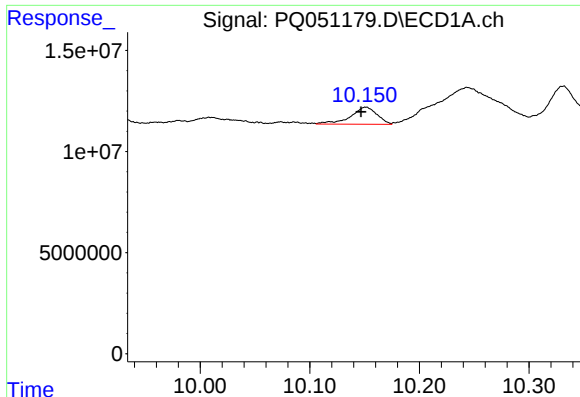
#42 AR-1268-2

R.T.: 9.904 min
Delta R.T.: 0.002 min
Response: 122805971
Conc: 49.30 ng/ml



#42 AR-1268-2

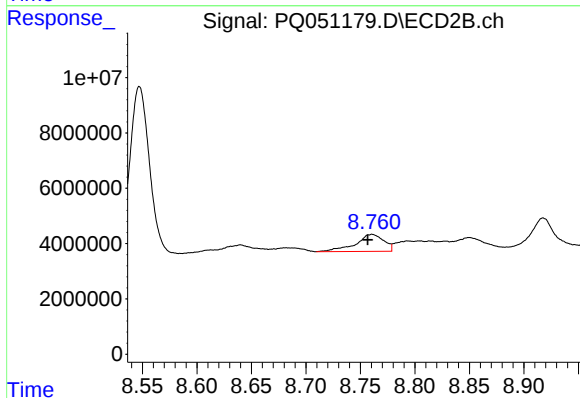
R.T.: 8.547 min
Delta R.T.: 0.002 min
Response: 77533357
Conc: 87.28 ng/ml



#43 AR-1268-3

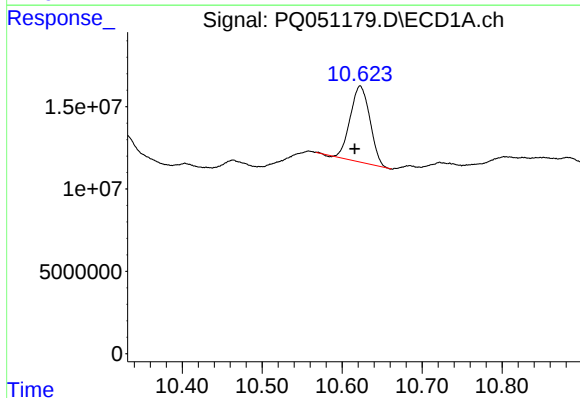
R.T.: 10.151 min
Delta R.T.: 0.005 min
Response: 14182400
Conc: 6.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



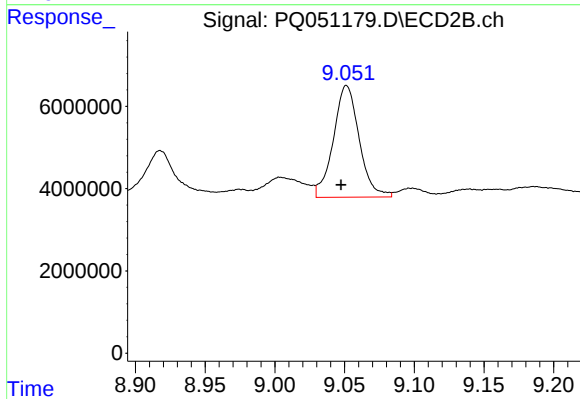
#43 AR-1268-3

R.T.: 8.761 min
Delta R.T.: 0.004 min
Response: 11107055
Conc: 14.82 ng/ml



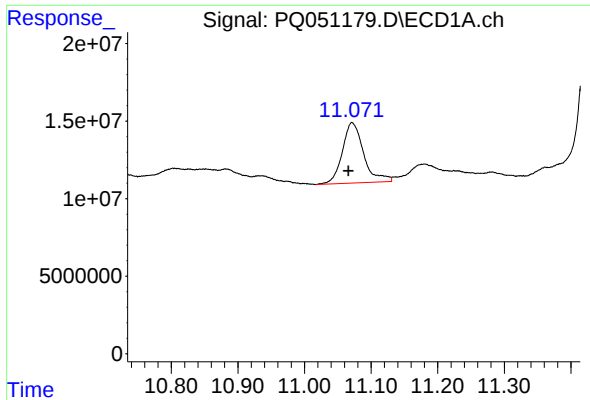
#44 AR-1268-4

R.T.: 10.623 min
Delta R.T.: 0.007 min
Response: 79037754
Conc: 84.56 ng/ml



#44 AR-1268-4

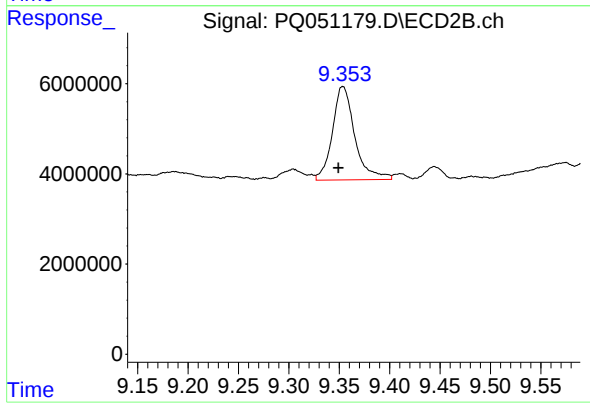
R.T.: 9.051 min
Delta R.T.: 0.004 min
Response: 35026007
Conc: 111.65 ng/ml



#45 AR-1268-5

R.T.: 11.071 min
Delta R.T.: 0.005 min
Response: 86589485
Conc: 11.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.353 min
Delta R.T.: 0.004 min
Response: 32027516
Conc: 13.16 ng/ml