

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092721\
 Data File : PQ054771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2021 12:41
 Operator : AJ\MA
 Sample : M3920-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 S-828-N-SO-2-2.5-092321

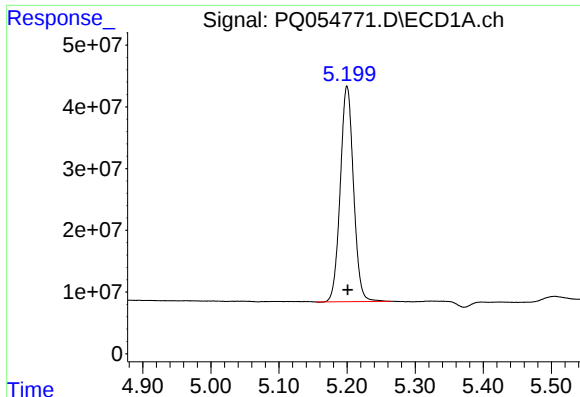
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 01:58:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.200	4.207	472.2E6	246.3E6	19.771	18.631
2)	SA Decachlor...	11.366	9.532	169.1E6	135.6E6	10.018	10.006
Target Compounds							
3)	L1 AR-1016-1	6.548f	0.000	5138354	0	6.229	N.D. #
4)	L1 AR-1016-2	6.548	0.000	5138354	0	4.212	N.D. #
8)	L2 AR-1221-1	5.426f	4.452	15982812	1152808	62.041	8.869 #
9)	L2 AR-1221-2	5.555	4.542f	14429316	15335773	75.485	160.959 #
12)	L3 AR-1232-2	6.237	0.000	28480301	0	100.618	N.D. #
13)	L3 AR-1232-3	6.548	0.000	5138354	0	9.772	N.D. #
15)	L3 AR-1232-5	6.815	0.000	2966027	0	14.669	N.D. #
16)	L4 AR-1242-1	6.548f	0.000	5138354	0	8.723	N.D. #
17)	L4 AR-1242-2	6.548	0.000	5138354	0	5.727	N.D. #
20)	L4 AR-1242-5	7.504	6.335	18514007	12039662	39.541	33.888
21)	L5 AR-1248-1	6.548f	0.000	5138354	0	10.266	N.D. #
22)	L5 AR-1248-2	6.815	0.000	2966027	0	4.565	N.D. #
24)	L5 AR-1248-4	7.465	0.000	9710788	0	12.275	N.D. #
25)	L5 AR-1248-5	7.504	0.000	18514007	0	23.072	N.D. #
26)	L6 AR-1254-1	7.431	6.335	29376370	12039662	33.724	15.804 #
27)	L6 AR-1254-2	7.658	6.494	46662456	19961252	34.885	28.525
28)	L6 AR-1254-3	8.047	6.932	51091874	46532394	36.684	42.209
29)	L6 AR-1254-4	8.336	7.154	36092304	17754398	33.879	23.481 #
30)	L6 AR-1254-5	8.766	7.581	125.2E6	93287116	108.945	84.291
31)	L7 AR-1260-1	8.208	7.050	72239845	68508859	72.794	91.226 #
32)	L7 AR-1260-2	8.472	7.247	148.2E6	86170313	125.915	83.264 #
33)	L7 AR-1260-3	8.837	7.402	74240421	67854184	96.934	76.745
34)	L7 AR-1260-4	9.079	7.885	78887573	46790094	84.454	67.619
35)	L7 AR-1260-5	9.424	8.132	122.9E6	131.0E6	66.667	68.535
36)	L8 AR-1262-1	8.837	7.581	74240421	93287116	63.183	180.551 #
37)	L8 AR-1262-2	9.424	8.132	122.9E6	131.0E6	56.666	59.143
38)	L8 AR-1262-3	9.753	8.418	24828143	34888006	27.874	39.320 #
39)	L8 AR-1262-4	9.855	8.480	68989950	84833849	122.297	55.781 #
40)	L8 AR-1262-5	10.563	8.983	29825846	27059687	38.809	39.401
41)	L9 AR-1268-1	9.753	8.418	24828143	34888006	9.900	12.854 #
42)	L9 AR-1268-2	9.855	8.480	68989950	84833849	30.165	36.823
43)	L9 AR-1268-3	0.000	8.697	0	55466956	N.D.	27.523 #
44)	L9 AR-1268-4	10.563	8.983	29825846	27059687	34.952	34.808
45)	L9 AR-1268-5	11.007	9.278	13658436	4550976	2.167	0.791 #

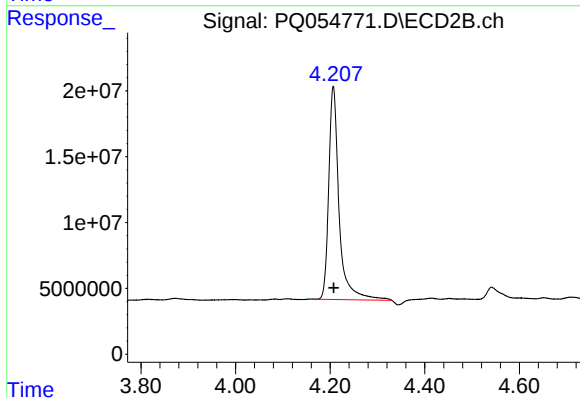
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

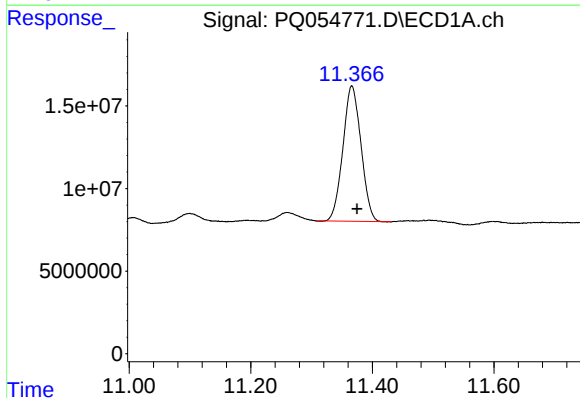
R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 472152751
Conc: 19.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



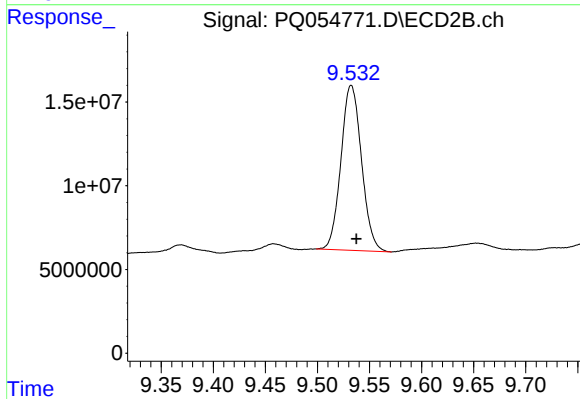
#1 Tetrachloro-m-xylene

R.T.: 4.207 min
Delta R.T.: -0.001 min
Response: 246295366
Conc: 18.63 ng/ml



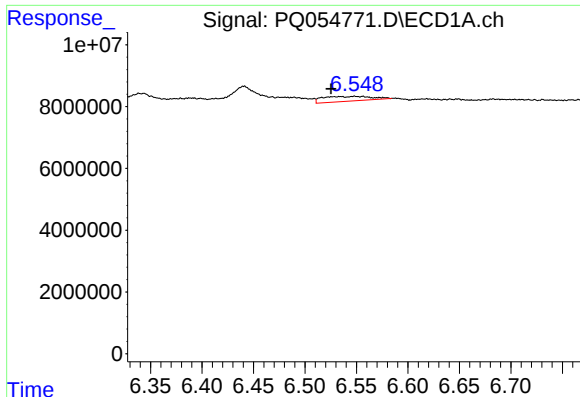
#2 Decachlorobiphenyl

R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 169087676
Conc: 10.02 ng/ml



#2 Decachlorobiphenyl

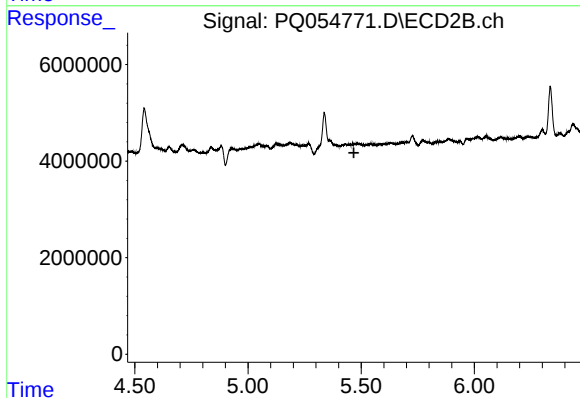
R.T.: 9.532 min
Delta R.T.: -0.005 min
Response: 135599210
Conc: 10.01 ng/ml



#3 AR-1016-1

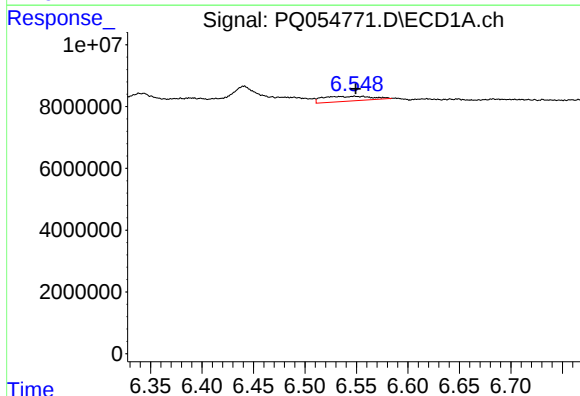
R.T.: 6.548 min
Delta R.T.: 0.023 min
Response: 5138354
Conc: 6.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



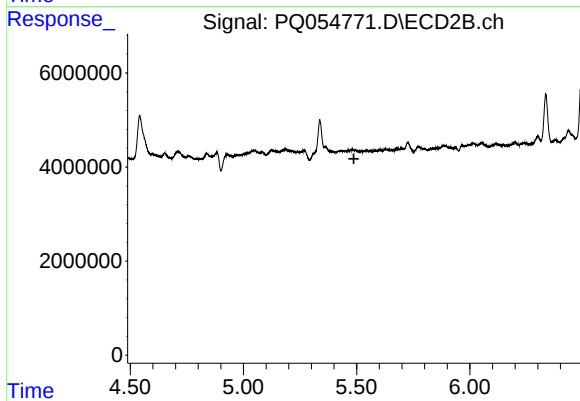
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.468 min
Response: 0
Conc: N.D.



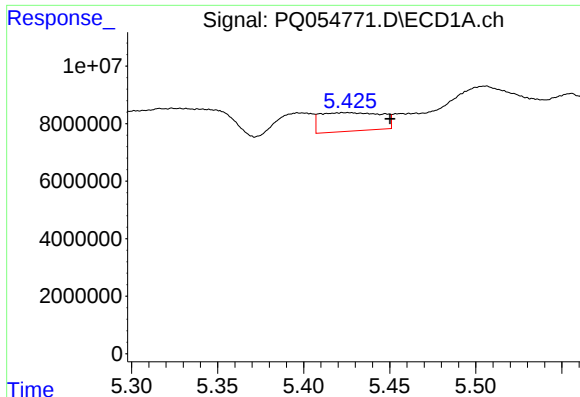
#4 AR-1016-2

R.T.: 6.548 min
Delta R.T.: -0.001 min
Response: 5138354
Conc: 4.21 ng/ml



#4 AR-1016-2

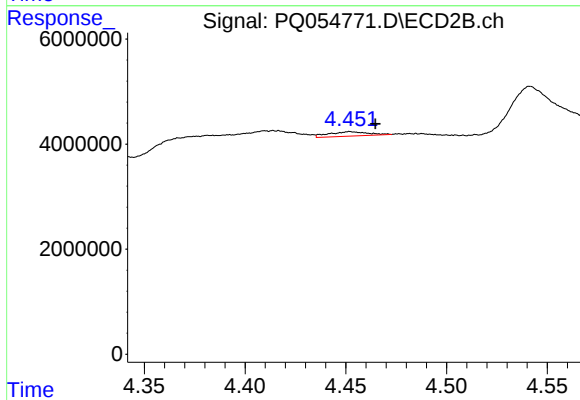
R.T.: 0.000 min
Exp R.T. : 5.488 min
Response: 0
Conc: N.D.



#8 AR-1221-1

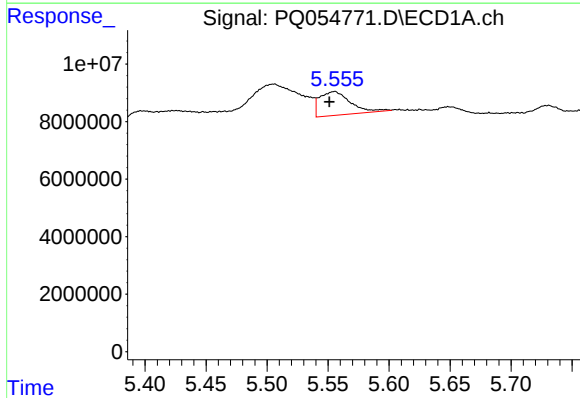
R.T.: 5.426 min
Delta R.T.: -0.025 min
Response: 15982812
Conc: 62.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



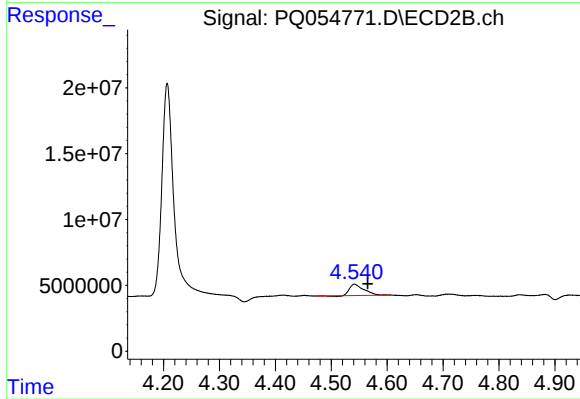
#8 AR-1221-1

R.T.: 4.452 min
Delta R.T.: -0.013 min
Response: 1152808
Conc: 8.87 ng/ml



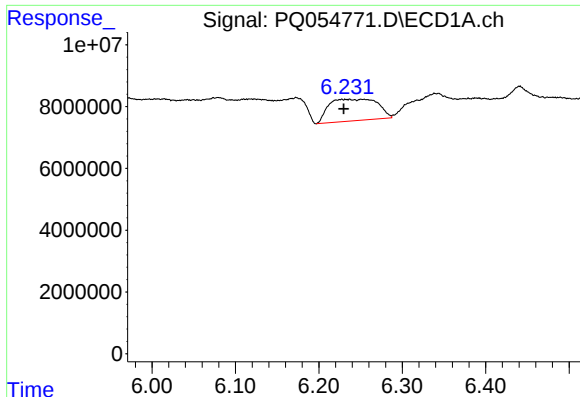
#9 AR-1221-2

R.T.: 5.555 min
Delta R.T.: 0.004 min
Response: 14429316
Conc: 75.49 ng/ml



#9 AR-1221-2

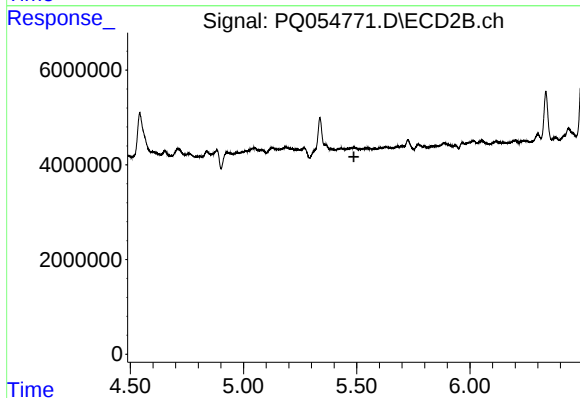
R.T.: 4.542 min
Delta R.T.: -0.024 min
Response: 15335773
Conc: 160.96 ng/ml



#12 AR-1232-2

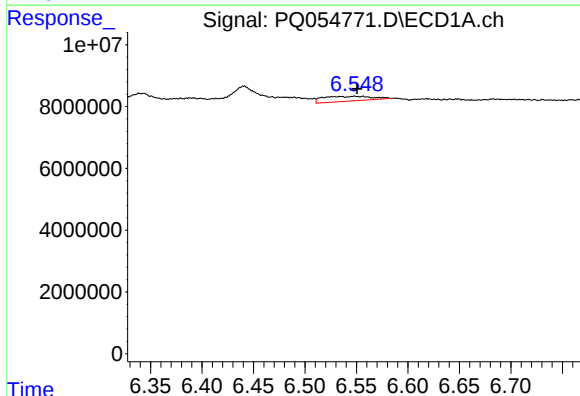
R.T.: 6.237 min
Delta R.T.: 0.007 min
Response: 28480301
Conc: 100.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



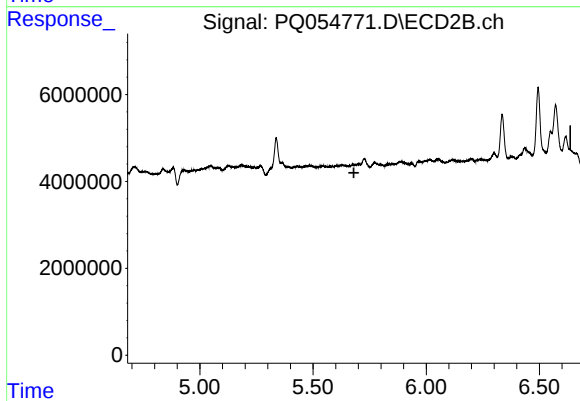
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.487 min
Response: 0
Conc: N.D.



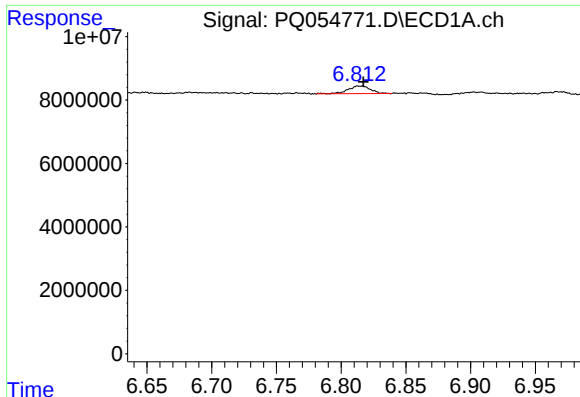
#13 AR-1232-3

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 5138354
Conc: 9.77 ng/ml



#13 AR-1232-3

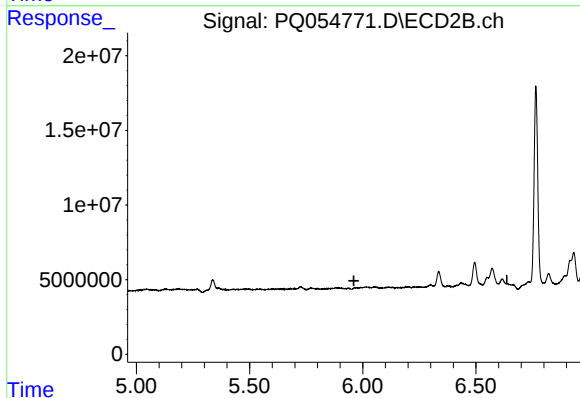
R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



#15 AR-1232-5

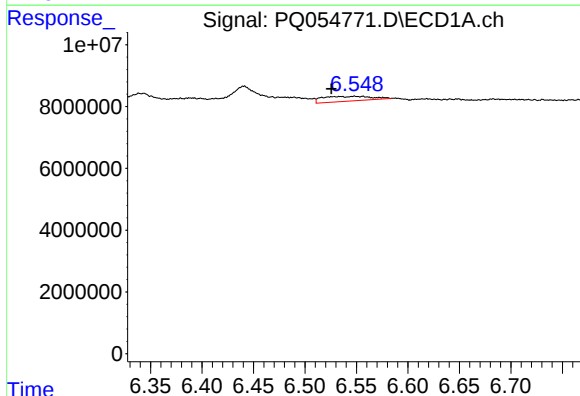
R.T.: 6.815 min
Delta R.T.: -0.003 min
Response: 2966027
Conc: 14.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



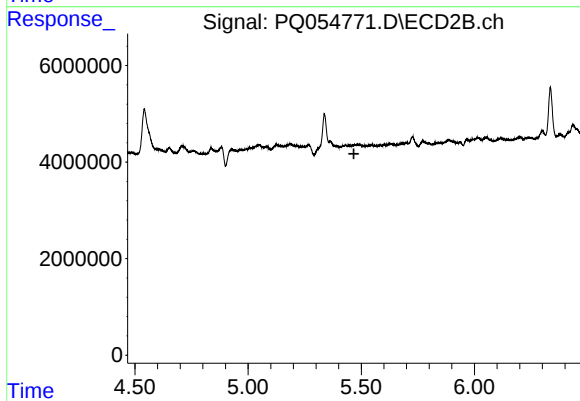
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.



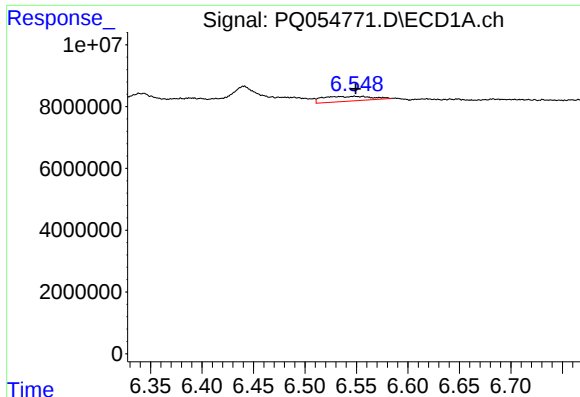
#16 AR-1242-1

R.T.: 6.548 min
Delta R.T.: 0.023 min
Response: 5138354
Conc: 8.72 ng/ml



#16 AR-1242-1

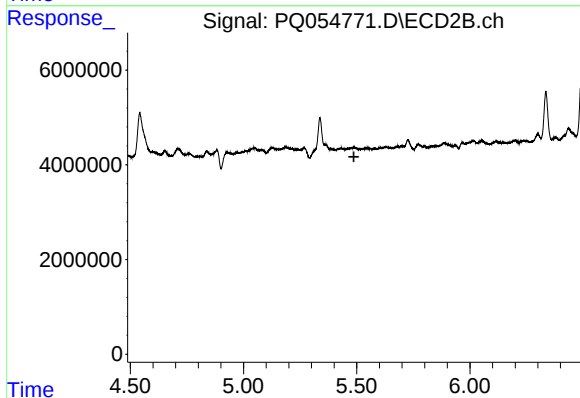
R.T.: 0.000 min
Exp R.T. : 5.467 min
Response: 0
Conc: N.D.



#17 AR-1242-2

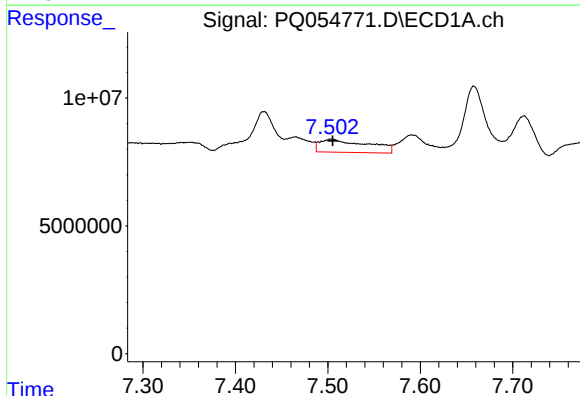
R.T.: 6.548 min
Delta R.T.: -0.001 min
Response: 5138354
Conc: 5.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



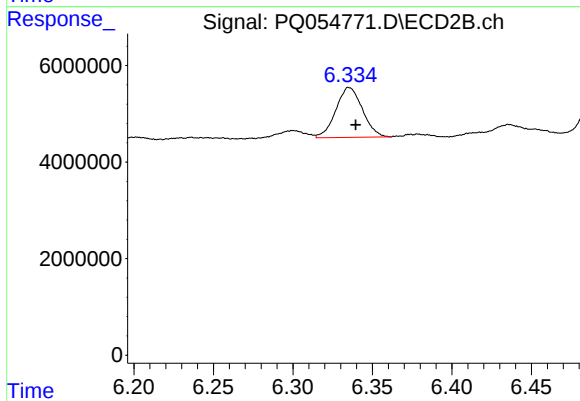
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.488 min
Response: 0
Conc: N.D.



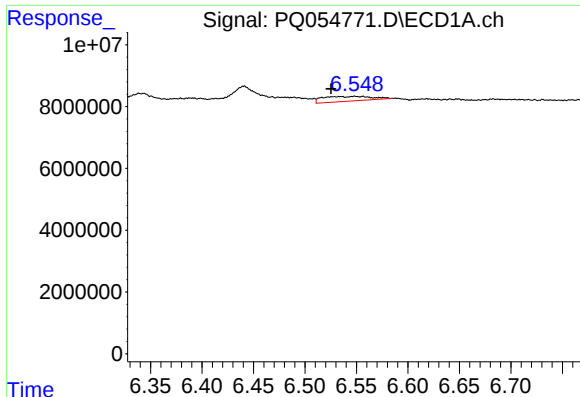
#20 AR-1242-5

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 18514007
Conc: 39.54 ng/ml



#20 AR-1242-5

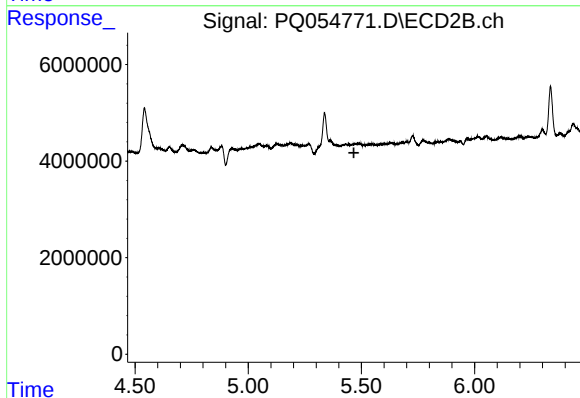
R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 12039662
Conc: 33.89 ng/ml



#21 AR-1248-1

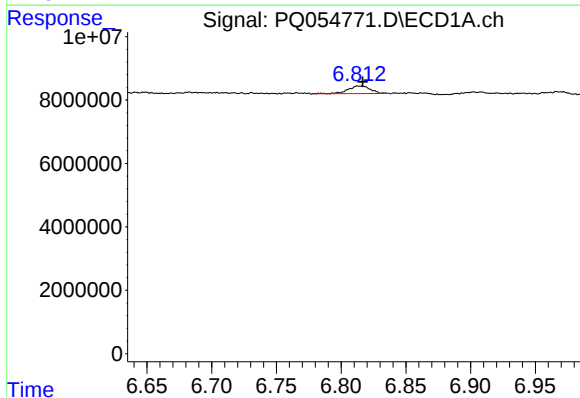
R.T.: 6.548 min
Delta R.T.: 0.023 min
Response: 5138354
Conc: 10.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



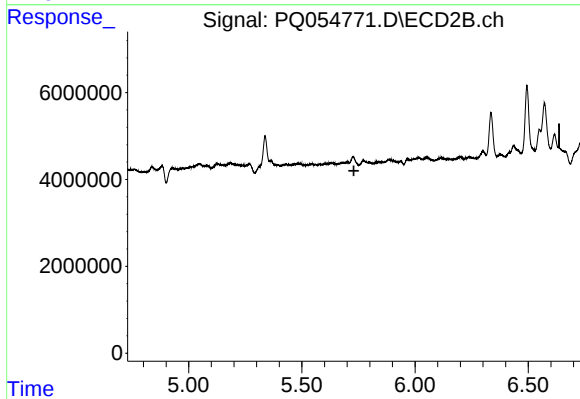
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.467 min
Response: 0
Conc: N.D.



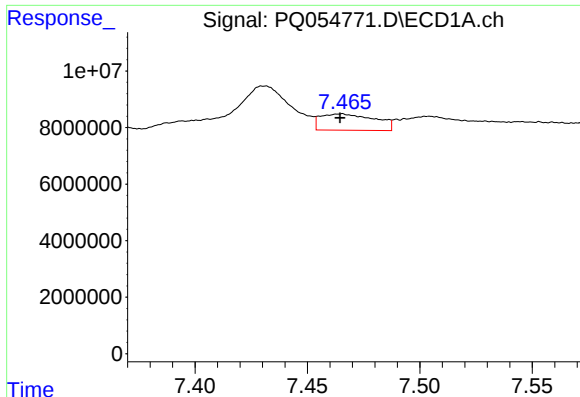
#22 AR-1248-2

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 2966027
Conc: 4.57 ng/ml



#22 AR-1248-2

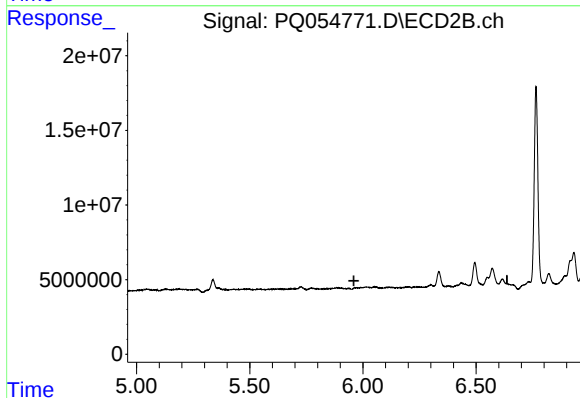
R.T.: 0.000 min
Exp R.T. : 5.730 min
Response: 0
Conc: N.D.



#24 AR-1248-4

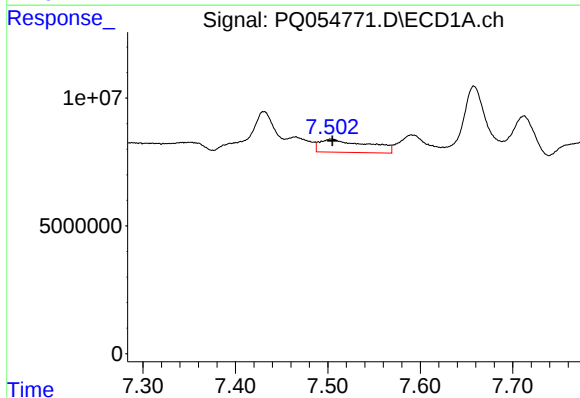
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 9710788
Conc: 12.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



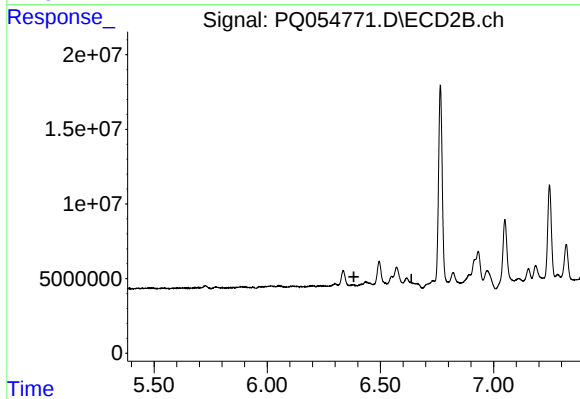
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



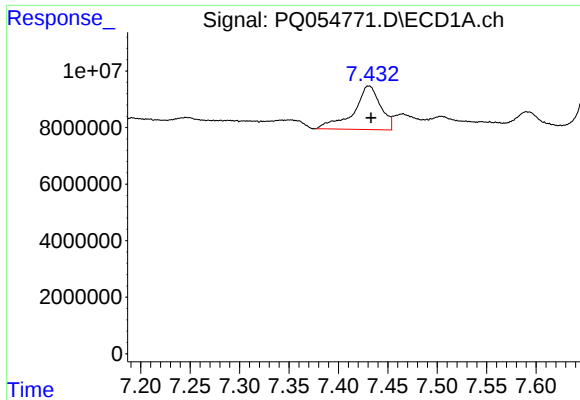
#25 AR-1248-5

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 18514007
Conc: 23.07 ng/ml



#25 AR-1248-5

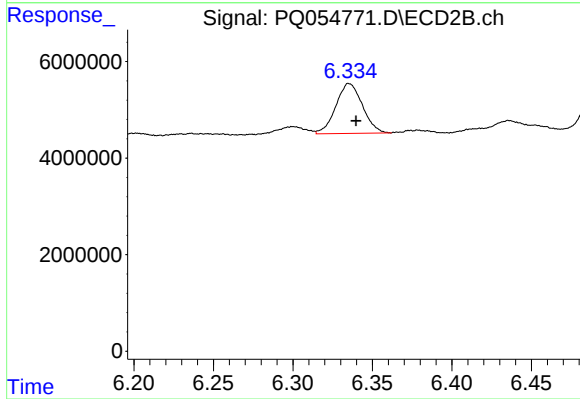
R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



#26 AR-1254-1

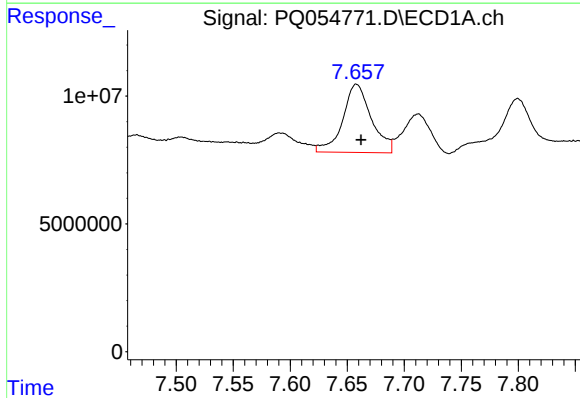
R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 29376370
Conc: 33.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



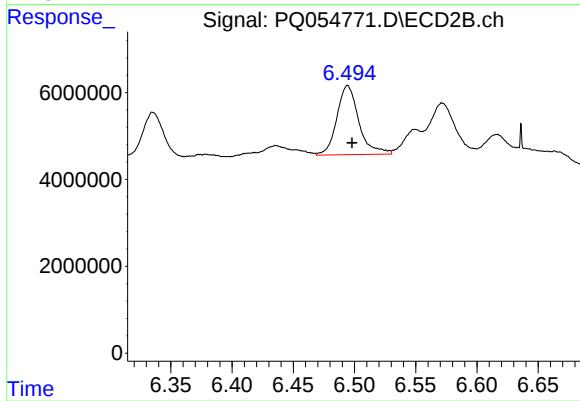
#26 AR-1254-1

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 12039662
Conc: 15.80 ng/ml



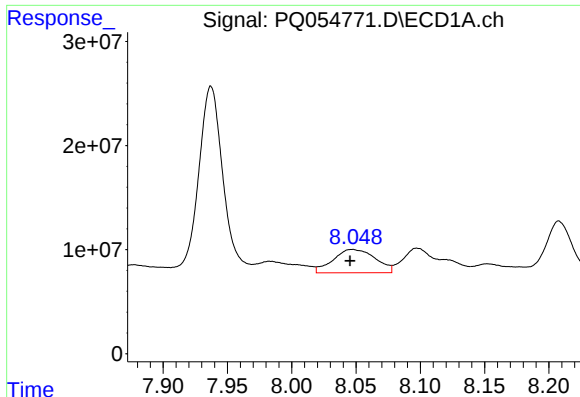
#27 AR-1254-2

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 46662456
Conc: 34.89 ng/ml



#27 AR-1254-2

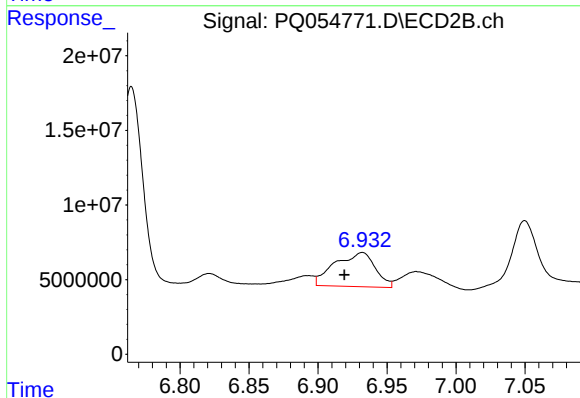
R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 19961252
Conc: 28.52 ng/ml



#28 AR-1254-3

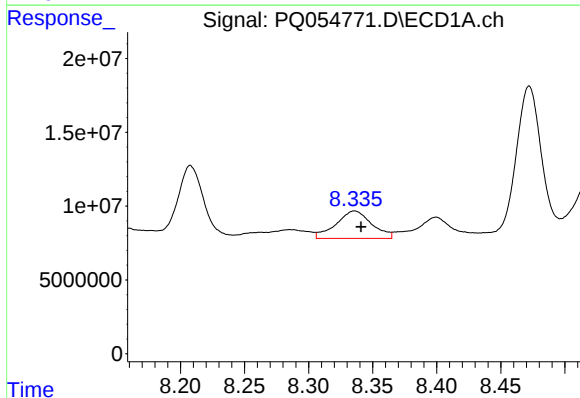
R.T.: 8.047 min
Delta R.T.: 0.002 min
Response: 51091874
Conc: 36.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



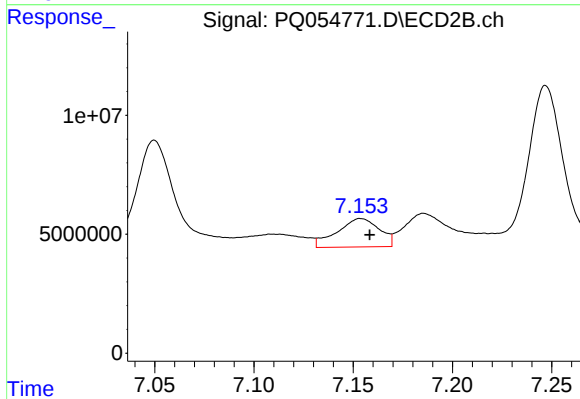
#28 AR-1254-3

R.T.: 6.932 min
Delta R.T.: 0.013 min
Response: 46532394
Conc: 42.21 ng/ml



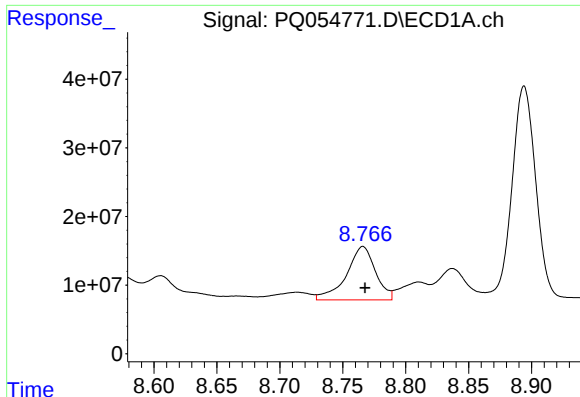
#29 AR-1254-4

R.T.: 8.336 min
Delta R.T.: -0.005 min
Response: 36092304
Conc: 33.88 ng/ml



#29 AR-1254-4

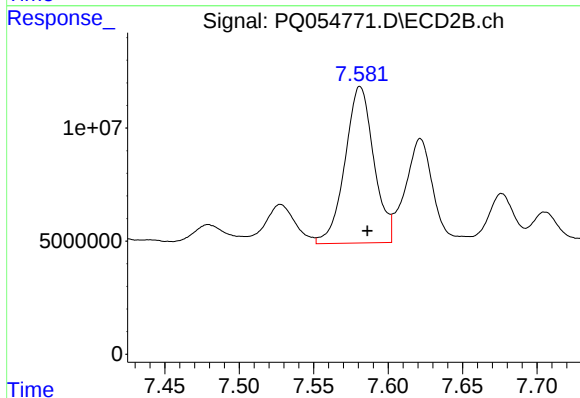
R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 17754398
Conc: 23.48 ng/ml



#30 AR-1254-5

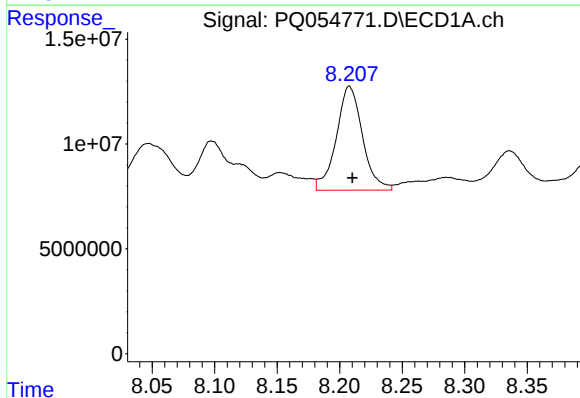
R.T.: 8.766 min
Delta R.T.: -0.002 min
Response: 125208774
Conc: 108.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



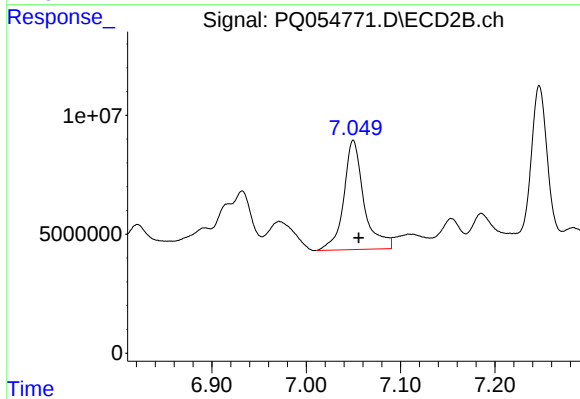
#30 AR-1254-5

R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 93287116
Conc: 84.29 ng/ml



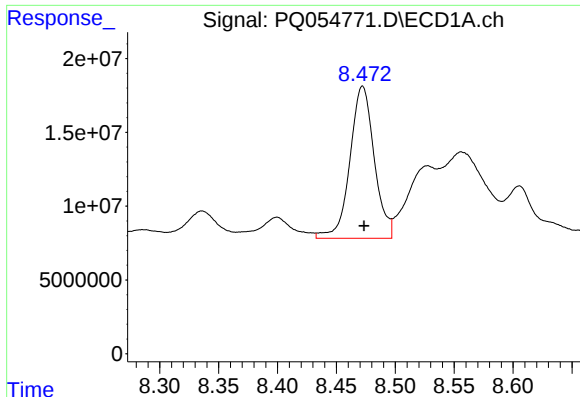
#31 AR-1260-1

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 72239845
Conc: 72.79 ng/ml



#31 AR-1260-1

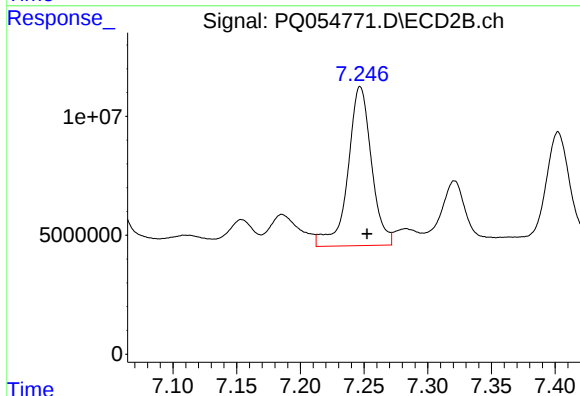
R.T.: 7.050 min
Delta R.T.: -0.006 min
Response: 68508859
Conc: 91.23 ng/ml



#32 AR-1260-2

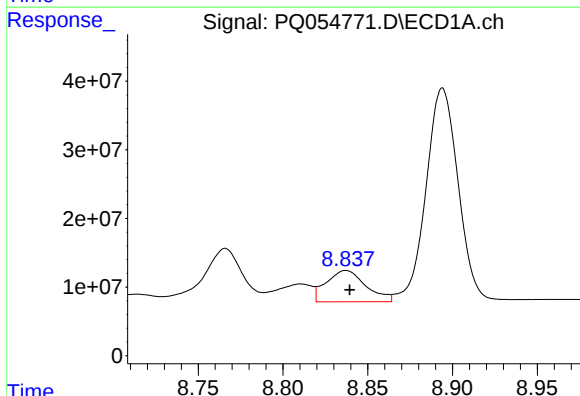
R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 148165450
Conc: 125.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



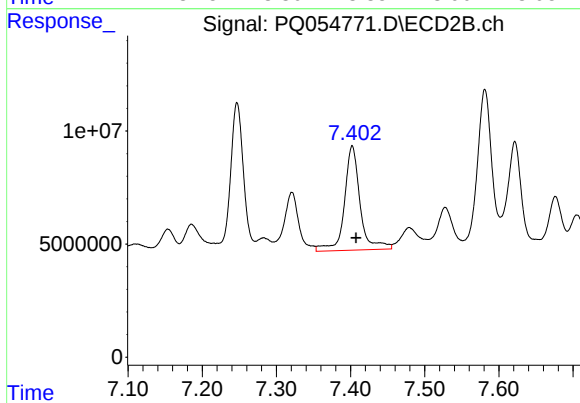
#32 AR-1260-2

R.T.: 7.247 min
Delta R.T.: -0.005 min
Response: 86170313
Conc: 83.26 ng/ml



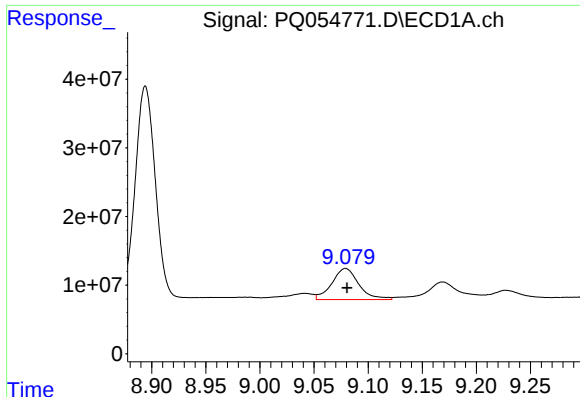
#33 AR-1260-3

R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 74240421
Conc: 96.93 ng/ml



#33 AR-1260-3

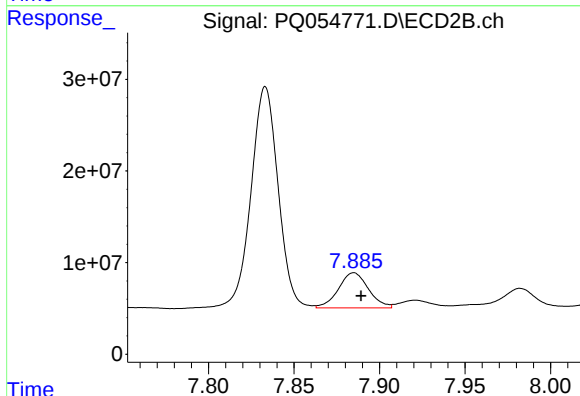
R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 67854184
Conc: 76.75 ng/ml



#34 AR-1260-4

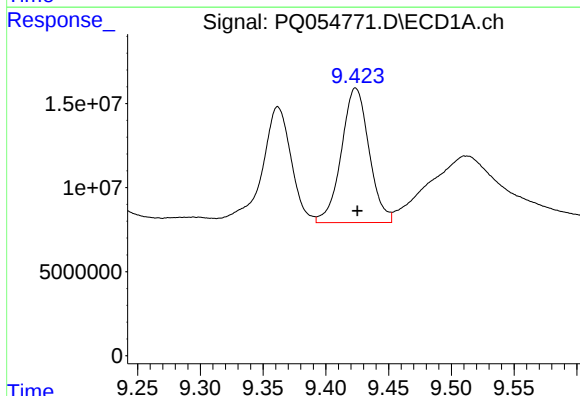
R.T.: 9.079 min
Delta R.T.: -0.002 min
Response: 78887573
Conc: 84.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



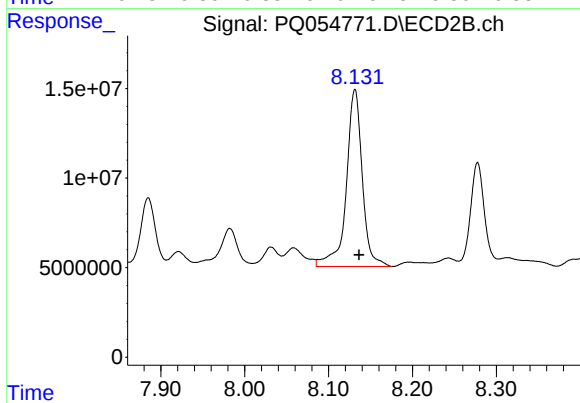
#34 AR-1260-4

R.T.: 7.885 min
Delta R.T.: -0.004 min
Response: 46790094
Conc: 67.62 ng/ml



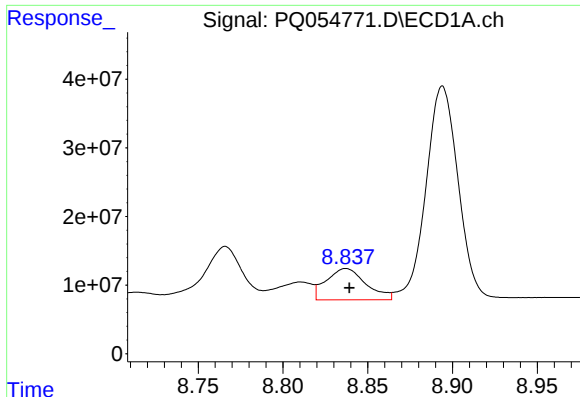
#35 AR-1260-5

R.T.: 9.424 min
Delta R.T.: -0.001 min
Response: 122902453
Conc: 66.67 ng/ml



#35 AR-1260-5

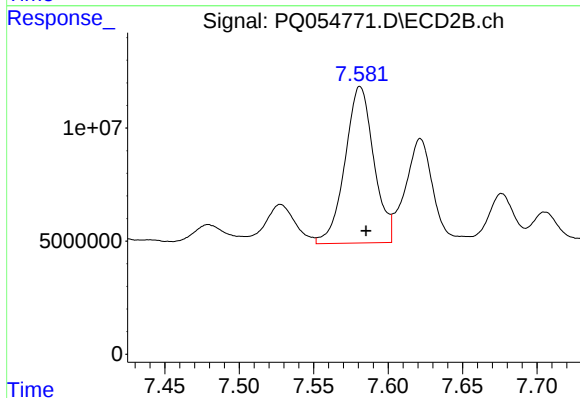
R.T.: 8.132 min
Delta R.T.: -0.005 min
Response: 130995103
Conc: 68.54 ng/ml



#36 AR-1262-1

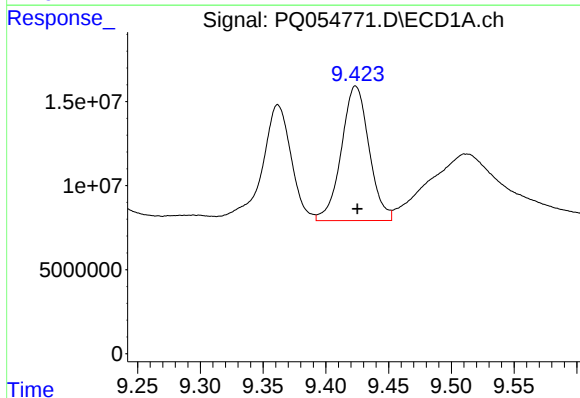
R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 74240421
Conc: 63.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



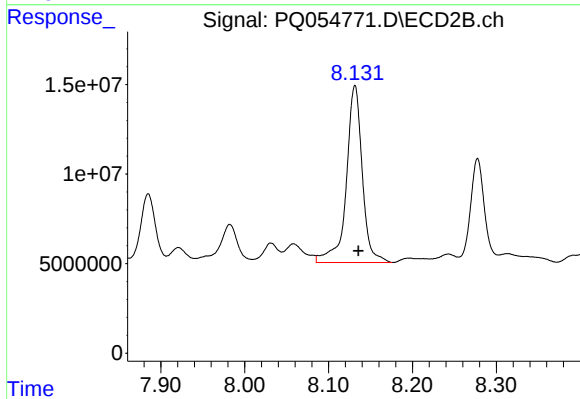
#36 AR-1262-1

R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 93287116
Conc: 180.55 ng/ml



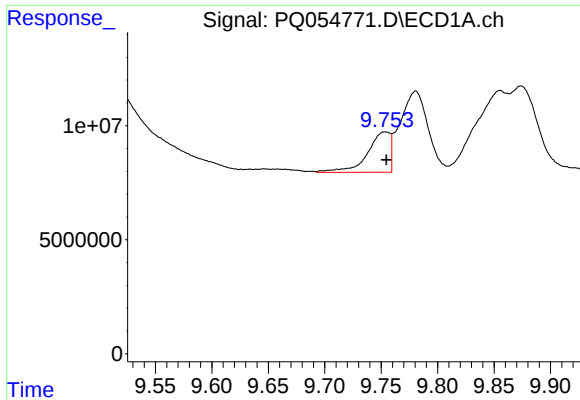
#37 AR-1262-2

R.T.: 9.424 min
Delta R.T.: -0.002 min
Response: 122902453
Conc: 56.67 ng/ml



#37 AR-1262-2

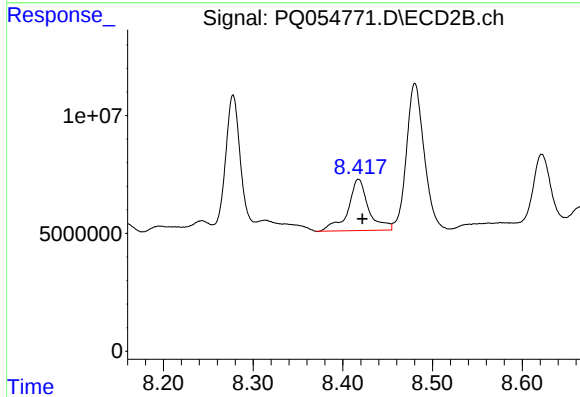
R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 130995103
Conc: 59.14 ng/ml



#38 AR-1262-3

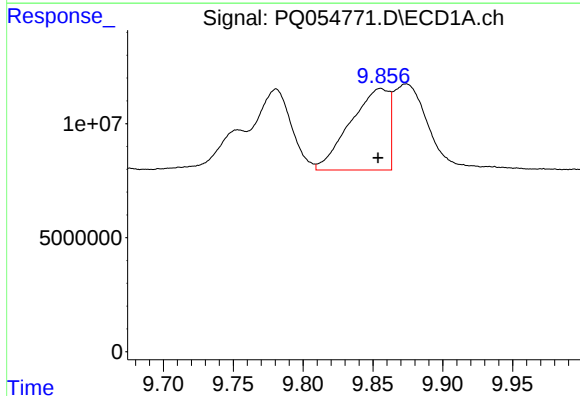
R.T.: 9.753 min
Delta R.T.: -0.001 min
Response: 24828143
Conc: 27.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



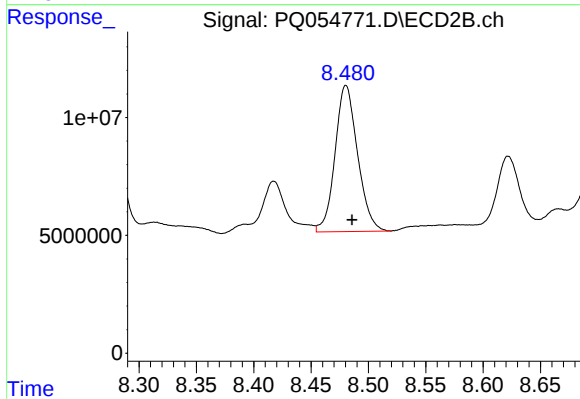
#38 AR-1262-3

R.T.: 8.418 min
Delta R.T.: -0.004 min
Response: 34888006
Conc: 39.32 ng/ml



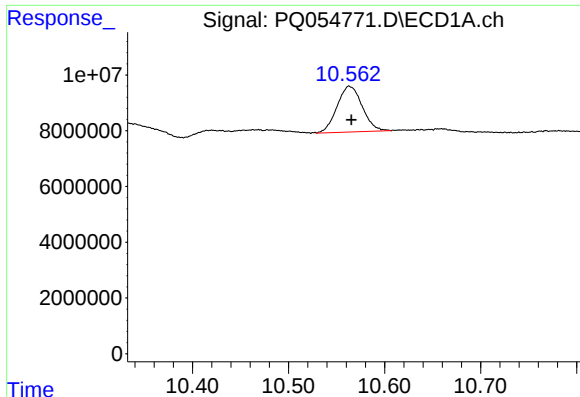
#39 AR-1262-4

R.T.: 9.855 min
Delta R.T.: 0.002 min
Response: 68989950
Conc: 122.30 ng/ml



#39 AR-1262-4

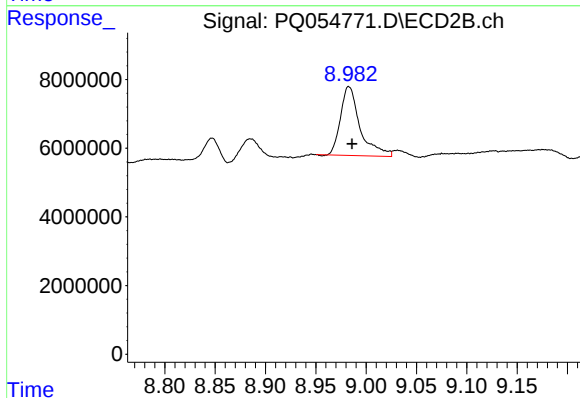
R.T.: 8.480 min
Delta R.T.: -0.005 min
Response: 84833849
Conc: 55.78 ng/ml



#40 AR-1262-5

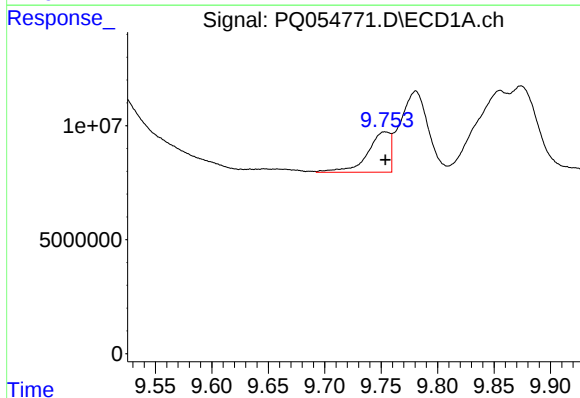
R.T.: 10.563 min
Delta R.T.: -0.002 min
Response: 29825846
Conc: 38.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



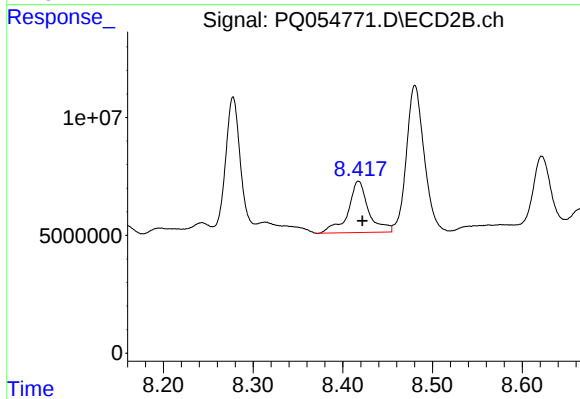
#40 AR-1262-5

R.T.: 8.983 min
Delta R.T.: -0.003 min
Response: 27059687
Conc: 39.40 ng/ml



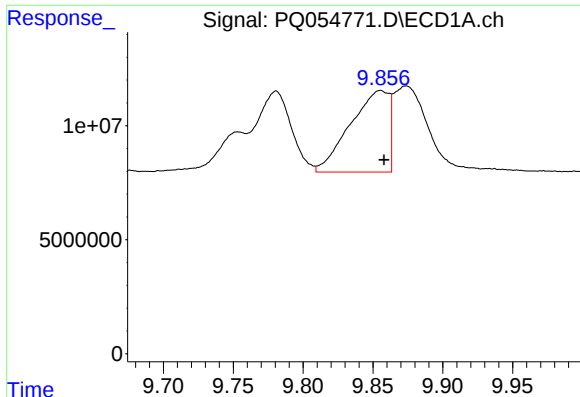
#41 AR-1268-1

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 24828143
Conc: 9.90 ng/ml



#41 AR-1268-1

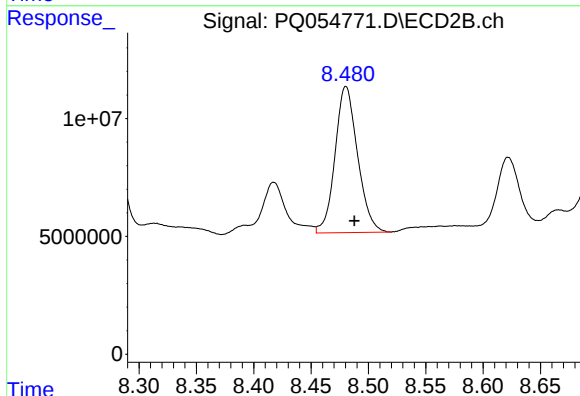
R.T.: 8.418 min
Delta R.T.: -0.004 min
Response: 34888006
Conc: 12.85 ng/ml



#42 AR-1268-2

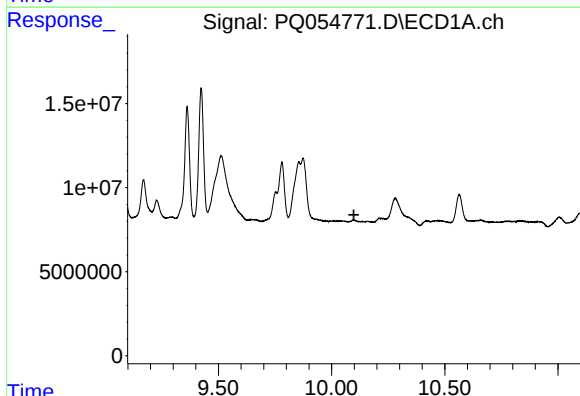
R.T.: 9.855 min
Delta R.T.: -0.003 min
Response: 68989950
Conc: 30.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



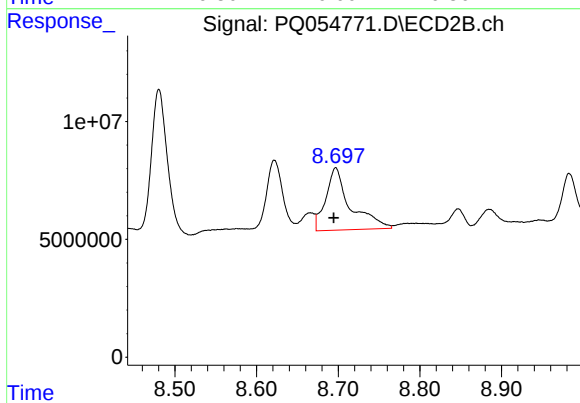
#42 AR-1268-2

R.T.: 8.480 min
Delta R.T.: -0.007 min
Response: 84833849
Conc: 36.82 ng/ml



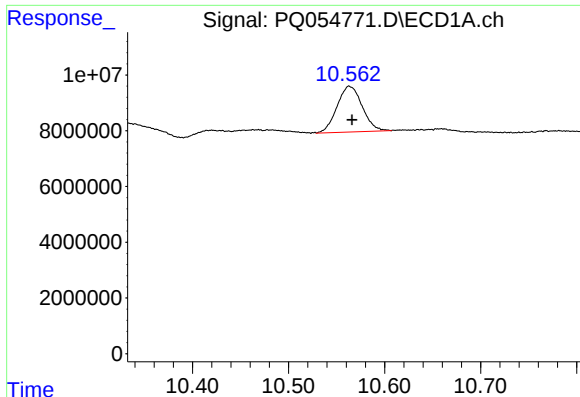
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.099 min
Response: 0
Conc: N.D.



#43 AR-1268-3

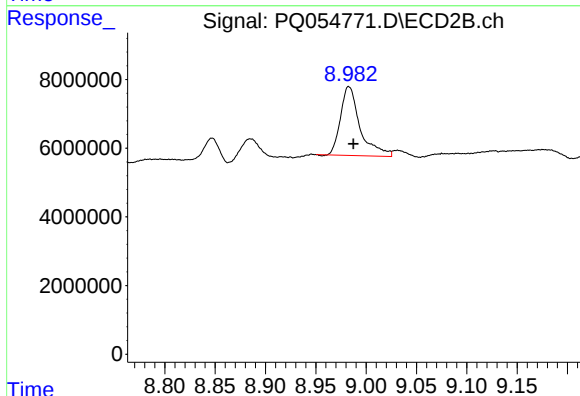
R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 55466956
Conc: 27.52 ng/ml



#44 AR-1268-4

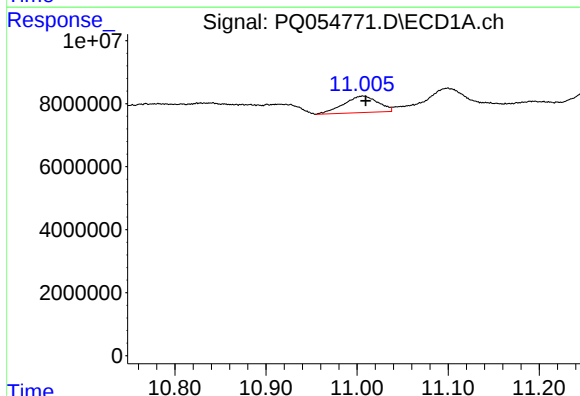
R.T.: 10.563 min
Delta R.T.: -0.003 min
Response: 29825846
Conc: 34.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S-828-N-SO-2-2.5-092321



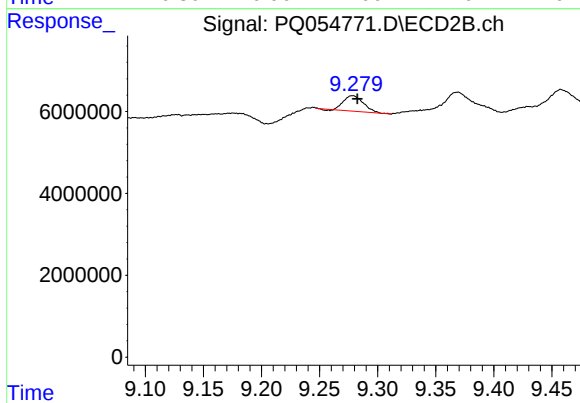
#44 AR-1268-4

R.T.: 8.983 min
Delta R.T.: -0.005 min
Response: 27059687
Conc: 34.81 ng/ml



#45 AR-1268-5

R.T.: 11.007 min
Delta R.T.: -0.003 min
Response: 13658436
Conc: 2.17 ng/ml



#45 AR-1268-5

R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 4550976
Conc: 0.79 ng/ml