

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102119\
 Data File : PQ044506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 12:54
 Operator : HP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254330

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:54:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 2019
 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...	5.317	4.350	62133506	78193659	15.982	17.517
2)	SA Decachlor...	11.595	9.791	243.2E6	304.9E6	45.396	50.972
Target Compounds							
3)	L1 AR-1016-1	6.636	5.631	429259	1346930	3.782	9.819 #
4)	L1 AR-1016-2	6.636	5.650	429259	1588660	2.661	7.175 #
5)	L1 AR-1016-3	0.000	5.849	0	1718876	N.D.	16.471 #
6)	L1 AR-1016-4	0.000	5.895	0	43700253	N.D.	467.612 #
7)	L1 AR-1016-5	7.154	6.131	16564981	26623453	219.010	217.726
8)	L2 AR-1221-1	0.000	4.640	0	237110	N.D.	5.585 #
9)	L2 AR-1221-2	0.000	4.715	0	1579796	N.D.	53.752 #
10)	L2 AR-1221-3	0.000	4.807	0	2728767	N.D.	25.985 #
11)	L3 AR-1232-1	0.000	4.807	0	2728767	N.D.	29.487 #
12)	L3 AR-1232-2	0.000	5.650	0	1588660	N.D.	15.063 #
13)	L3 AR-1232-3	6.636	5.849	429259	1718876	5.595	34.782 #
14)	L3 AR-1232-4	0.000	5.940	0	15200427	N.D.	322.305 #
15)	L3 AR-1232-5	6.933	6.131	29288808	26623453	1038.780	487.043 #
16)	L4 AR-1242-1	6.636	5.631	429259	1346930	4.397	11.364 #
17)	L4 AR-1242-2	6.636	5.650	429259	1588660	3.086	8.421 #
18)	L4 AR-1242-3	0.000	5.849	0	1718876	N.D.	18.585 #
19)	L4 AR-1242-4	0.000	5.940	0	15200427	N.D.	154.651 #
20)	L4 AR-1242-5	7.627	6.514	16970308	113.4E6	223.220	890.265 #
21)	L5 AR-1248-1	6.636	5.631	429259	1346930	5.850	14.875 #
22)	L5 AR-1248-2	6.933	5.895	29288808	43700253	295.667	315.286
23)	L5 AR-1248-3	7.154	5.940	16564981	15200427	153.382	107.480 #
24)	L5 AR-1248-4	7.582	6.131	27328904	26623453	217.065	154.999 #
25)	L5 AR-1248-5	7.627	6.557	16970308	12989599	140.160	77.587 #
26)	L6 AR-1254-1	7.555	6.514	54025941	113.4E6	401.508	388.944
27)	L6 AR-1254-2	7.785	6.672	84094883	102.6E6	393.656	392.859
28)	L6 AR-1254-3	8.170	7.101	91663537	179.3E6	372.543	410.302
29)	L6 AR-1254-4	8.467	7.340	72803913	136.6E6	363.005	508.510 #
30)	L6 AR-1254-5	8.901	7.775	83849390	175.6E6	350.329	439.204 #
31)	L7 AR-1260-1	8.339	7.238	37185465	89254767	247.025	367.088 #
32)	L7 AR-1260-2	8.604	7.433	42269432	76630379	214.772	253.865
33)	L7 AR-1260-3	8.968	7.593	11047339	77046012	68.903	273.776 #
34)	L7 AR-1260-4	9.216	8.082	34894652	7881034	178.714	31.327 #
35)	L7 AR-1260-5	9.578	8.327	14044637	20172368	30.720	31.474
36)	L8 AR-1262-1	9.041	7.775	3411946	175.6E6	31.415	899.940 #
37)	L8 AR-1262-2	9.578	8.327	14044637	20172368	24.388	25.496
38)	L8 AR-1262-3	9.944	8.621	11978737	2689274	28.874	8.480 #
39)	L8 AR-1262-4	0.000	8.684	0	22271106	N.D.	36.544 #
40)	L8 AR-1262-5	0.000	9.202	0	39460	N.D.	0.141 #
41)	L9 AR-1268-1	9.944	8.621	11978737	2689274	16.752	2.788 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102119\
Data File : PQ044506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 12:54
Operator : HP\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

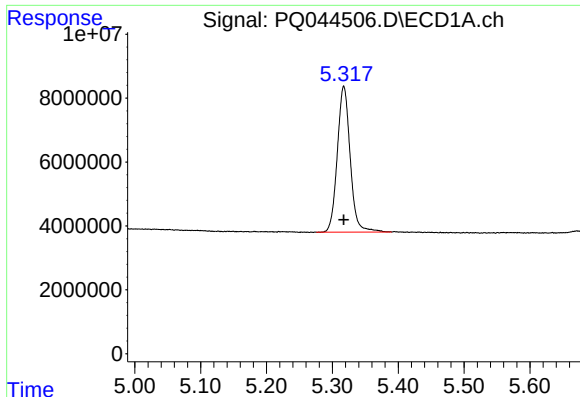
Instrument :
ECD_Q
ClientSampleId :
AR1254330

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 01:54:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 2019
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
42) L9	AR-1268-2	0.000	8.684	0	22271106	N.D.	24.491 #
43) L9	AR-1268-3	0.000	8.897	0	3917737	N.D.	5.172 #
44) L9	AR-1268-4	0.000	9.202	0	39460	N.D.	0.121 #
45) L9	AR-1268-5	0.000	9.516	0	5063029	N.D.	1.944 #

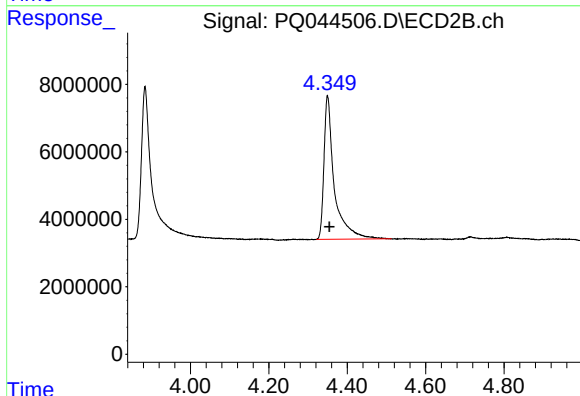
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

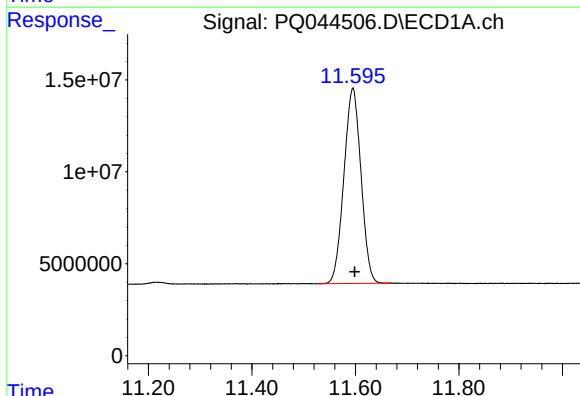
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 62133506
Conc: 15.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



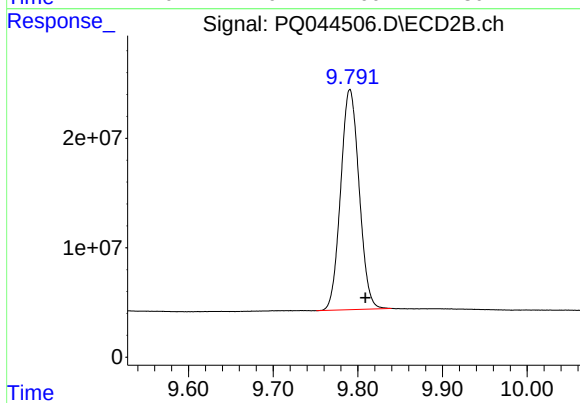
#1 Tetrachloro-m-xylene

R.T.: 4.350 min
Delta R.T.: -0.005 min
Response: 78193659
Conc: 17.52 ng/ml



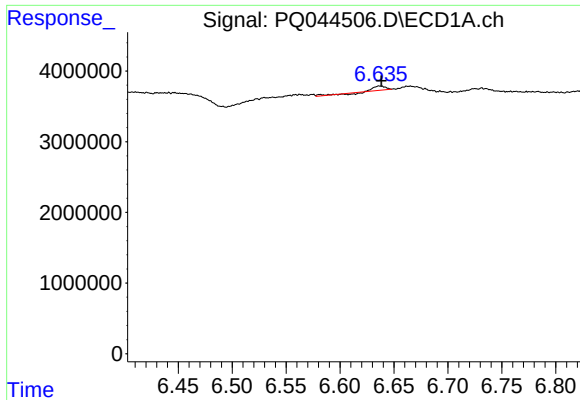
#2 Decachlorobiphenyl

R.T.: 11.595 min
Delta R.T.: -0.004 min
Response: 243208888
Conc: 45.40 ng/ml



#2 Decachlorobiphenyl

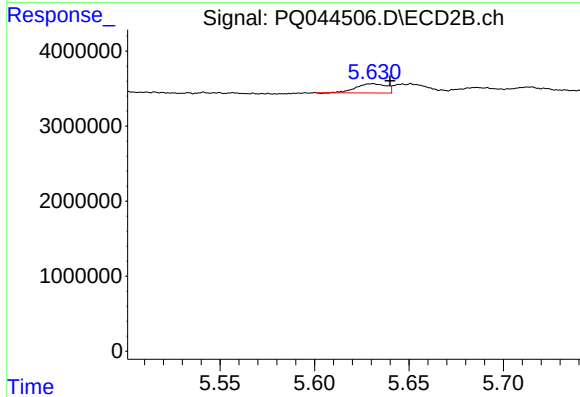
R.T.: 9.791 min
Delta R.T.: -0.018 min
Response: 304883208
Conc: 50.97 ng/ml



#3 AR-1016-1

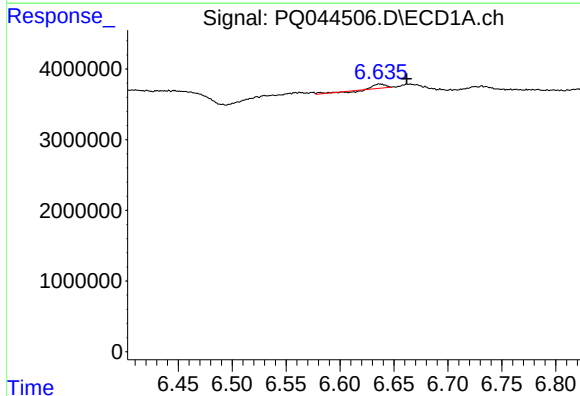
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 429259
Conc: 3.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



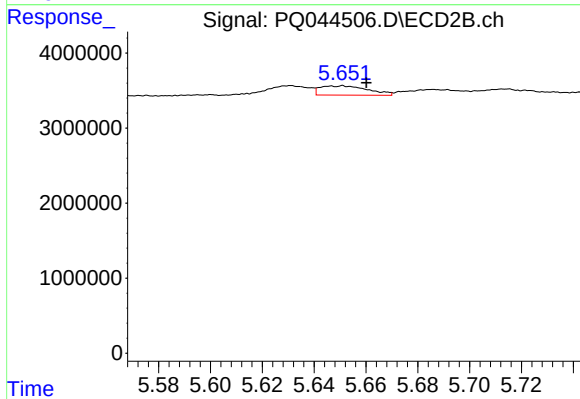
#3 AR-1016-1

R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 1346930
Conc: 9.82 ng/ml



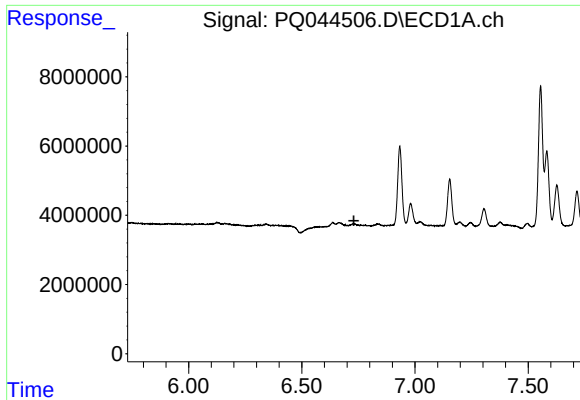
#4 AR-1016-2

R.T.: 6.636 min
Delta R.T.: -0.026 min
Response: 429259
Conc: 2.66 ng/ml



#4 AR-1016-2

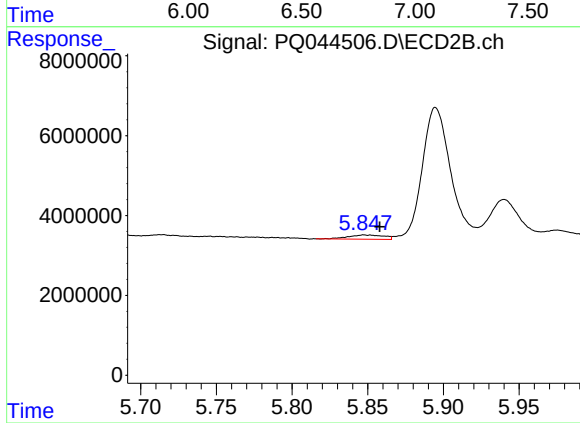
R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 1588660
Conc: 7.17 ng/ml



#5 AR-1016-3

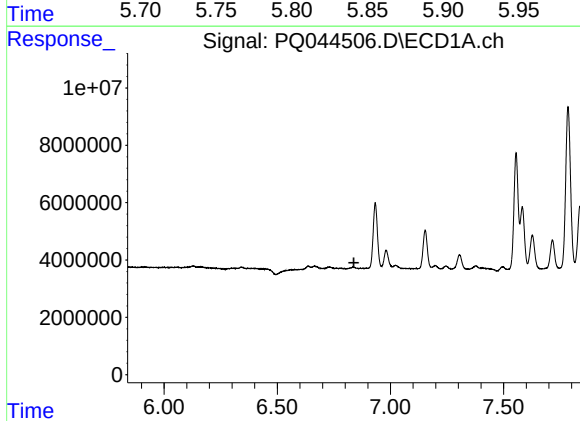
R.T.: 0.000 min
Exp R.T.: 6.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254330



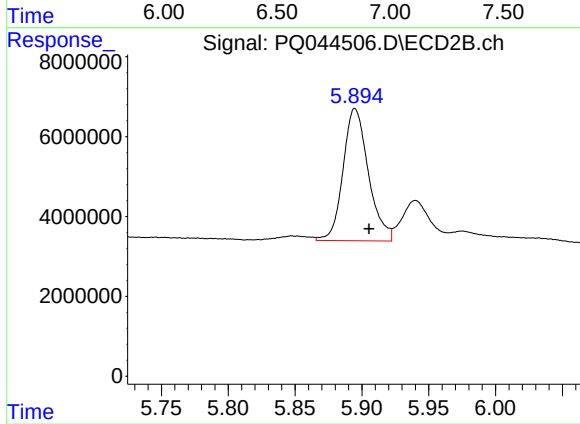
#5 AR-1016-3

R.T.: 5.849 min
Delta R.T.: -0.009 min
Response: 1718876
Conc: 16.47 ng/ml



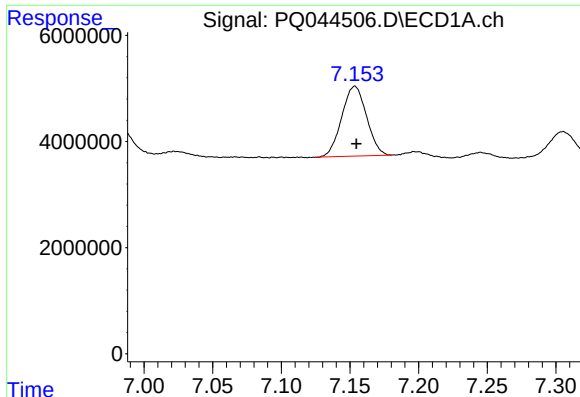
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.839 min
Response: 0
Conc: N.D.



#6 AR-1016-4

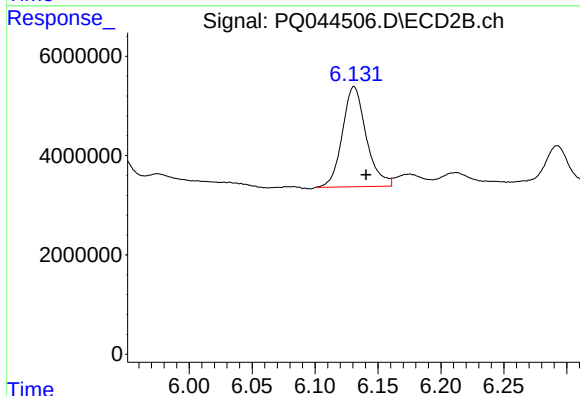
R.T.: 5.895 min
Delta R.T.: -0.011 min
Response: 43700253
Conc: 467.61 ng/ml



#7 AR-1016-5

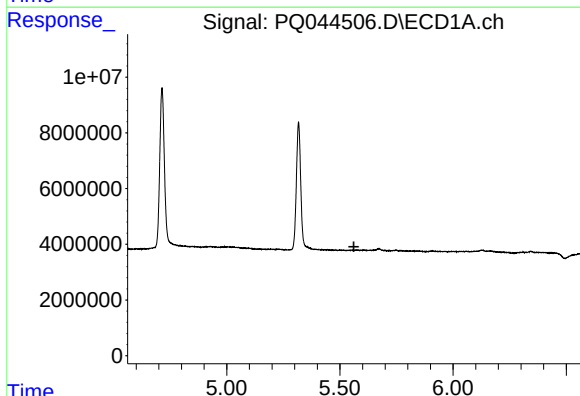
R.T.: 7.154 min
Delta R.T.: -0.001 min
Response: 16564981
Conc: 219.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



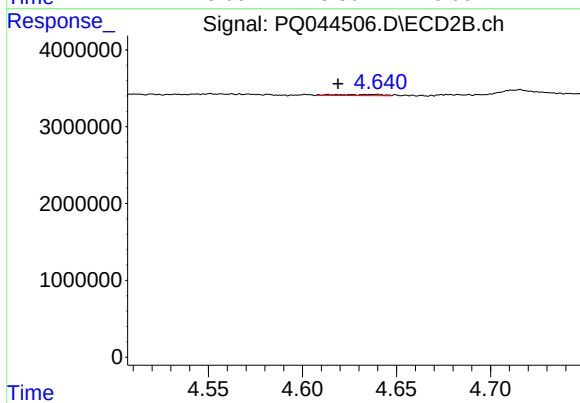
#7 AR-1016-5

R.T.: 6.131 min
Delta R.T.: -0.010 min
Response: 26623453
Conc: 217.73 ng/ml



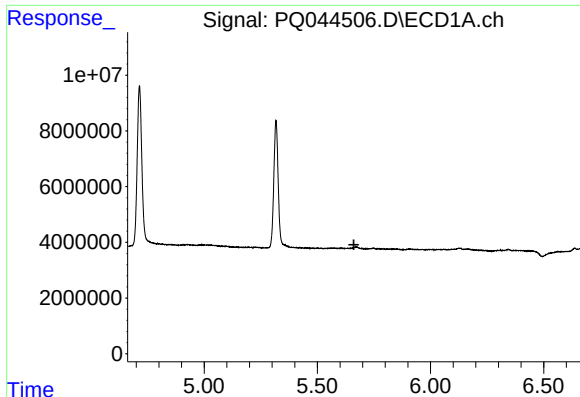
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.562 min
Response: 0
Conc: N.D.



#8 AR-1221-1

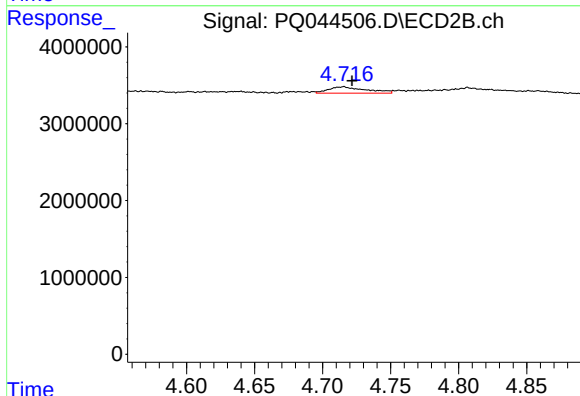
R.T.: 4.640 min
Delta R.T.: 0.021 min
Response: 237110
Conc: 5.59 ng/ml



#9 AR-1221-2

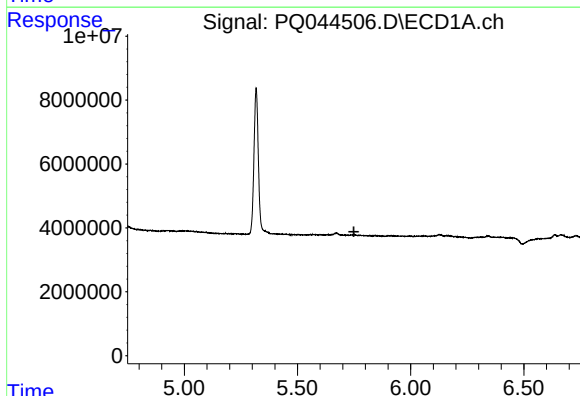
R.T.: 0.000 min
Exp R.T. : 5.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254330



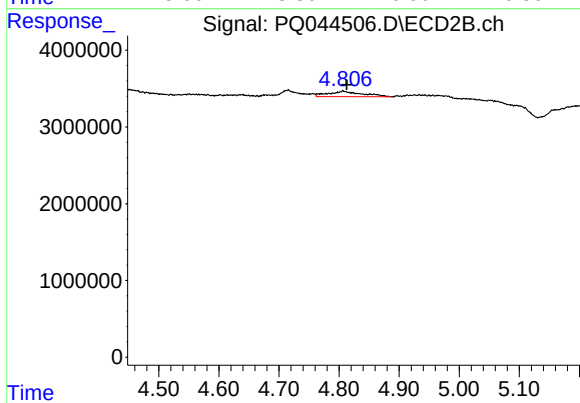
#9 AR-1221-2

R.T.: 4.715 min
Delta R.T.: -0.006 min
Response: 1579796
Conc: 53.75 ng/ml



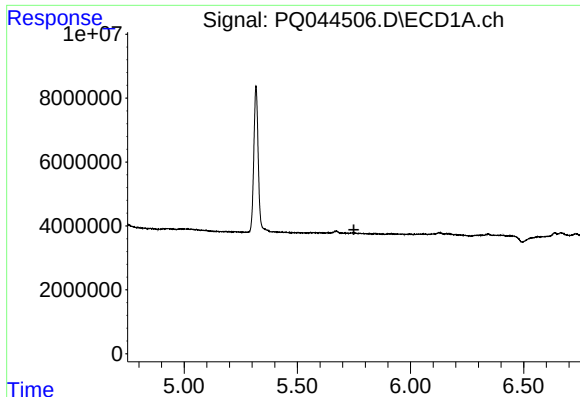
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



#10 AR-1221-3

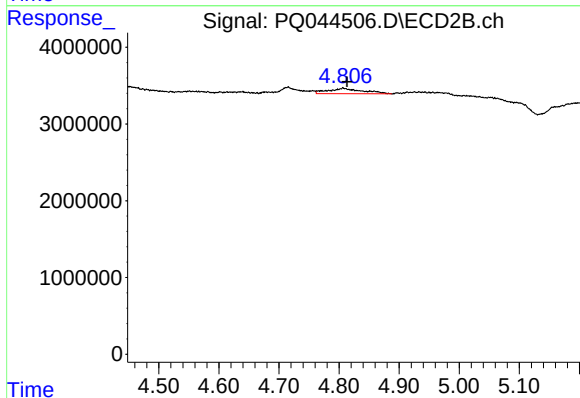
R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 2728767
Conc: 25.99 ng/ml



#11 AR-1232-1

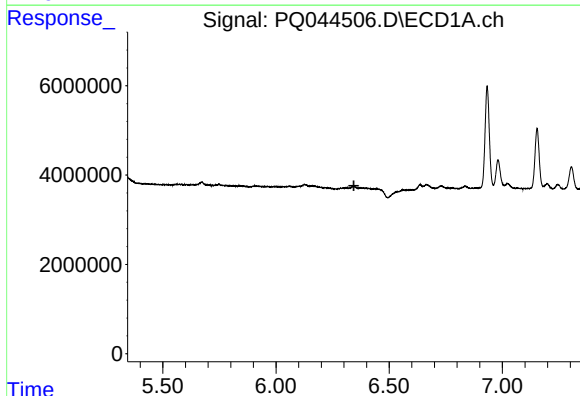
R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254330



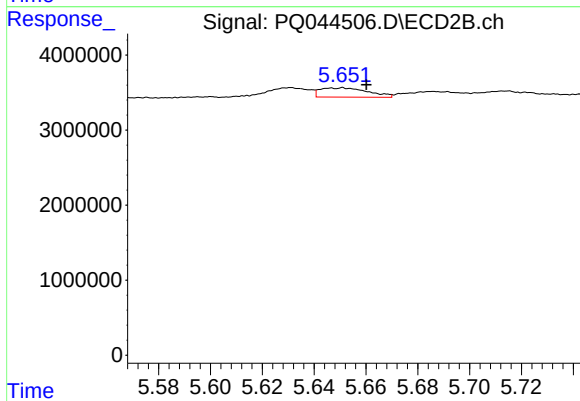
#11 AR-1232-1

R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 2728767
Conc: 29.49 ng/ml



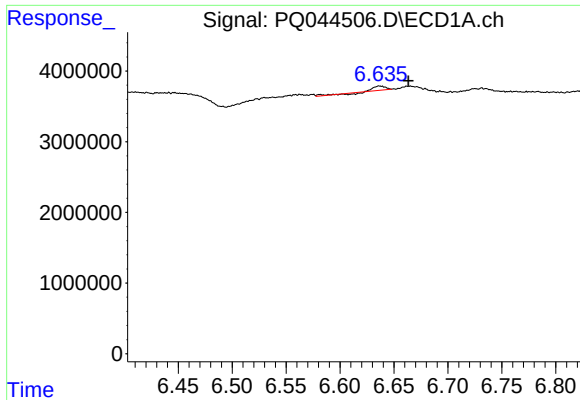
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.



#12 AR-1232-2

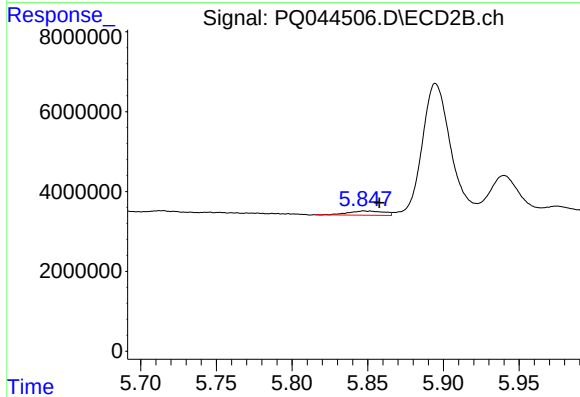
R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 1588660
Conc: 15.06 ng/ml



#13 AR-1232-3

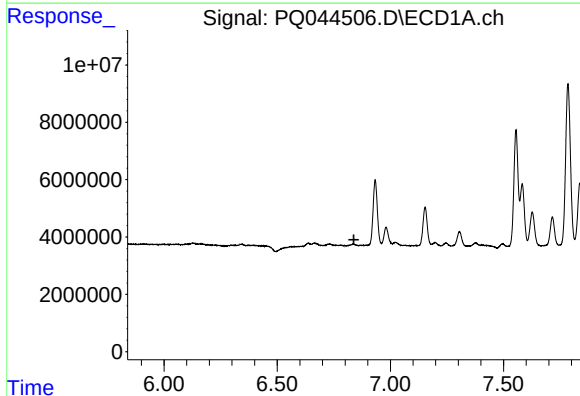
R.T.: 6.636 min
Delta R.T.: -0.027 min
Response: 429259
Conc: 5.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



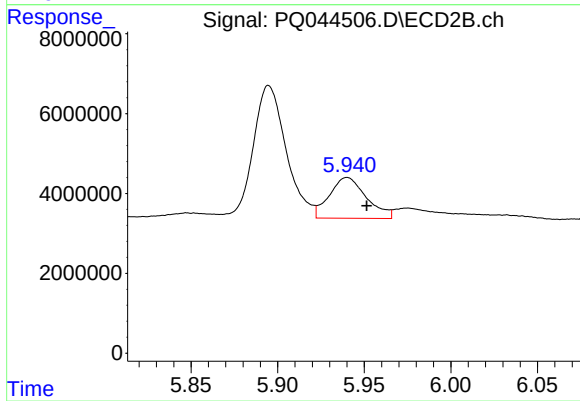
#13 AR-1232-3

R.T.: 5.849 min
Delta R.T.: -0.009 min
Response: 1718876
Conc: 34.78 ng/ml



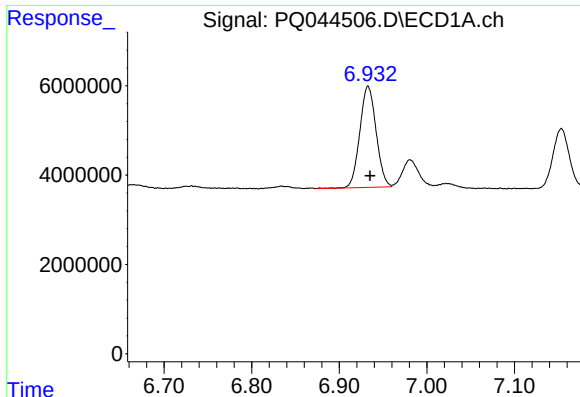
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#14 AR-1232-4

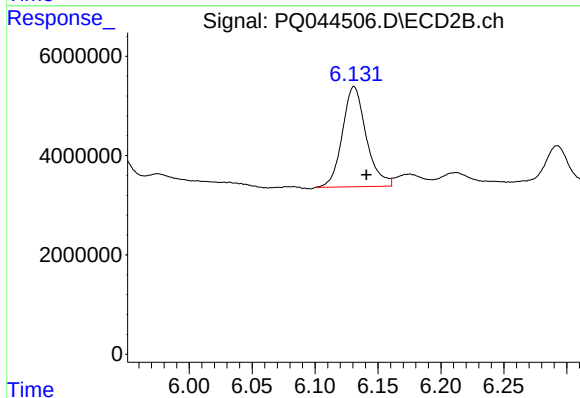
R.T.: 5.940 min
Delta R.T.: -0.011 min
Response: 15200427
Conc: 322.31 ng/ml



#15 AR-1232-5

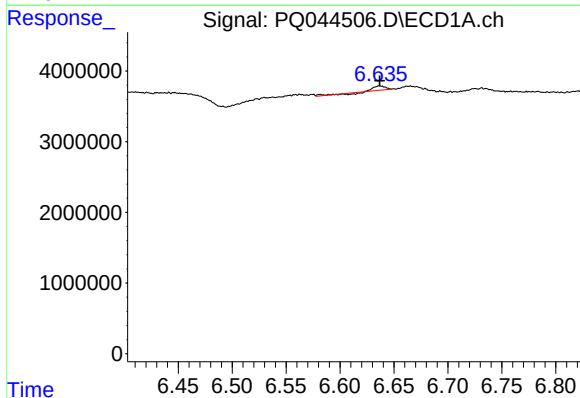
R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 29288808
Conc: 1038.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



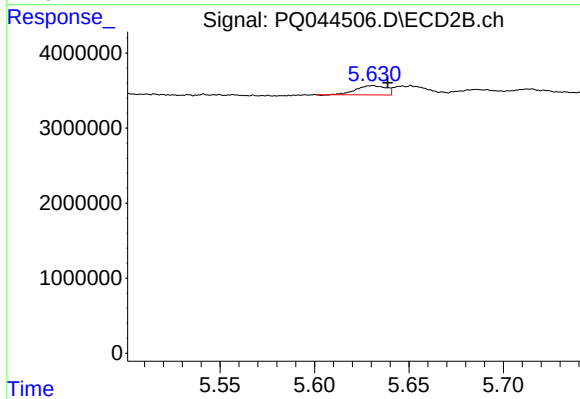
#15 AR-1232-5

R.T.: 6.131 min
Delta R.T.: -0.010 min
Response: 26623453
Conc: 487.04 ng/ml



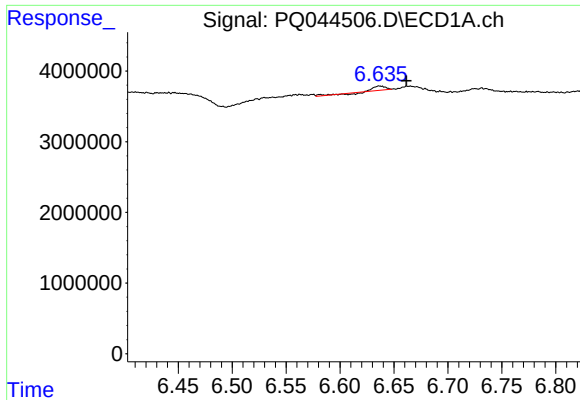
#16 AR-1242-1

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 429259
Conc: 4.40 ng/ml



#16 AR-1242-1

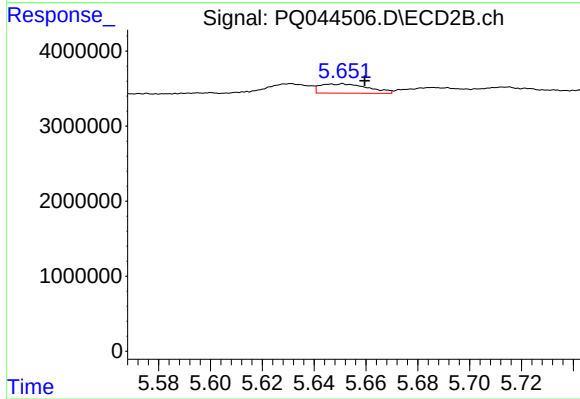
R.T.: 5.631 min
Delta R.T.: -0.008 min
Response: 1346930
Conc: 11.36 ng/ml



#17 AR-1242-2

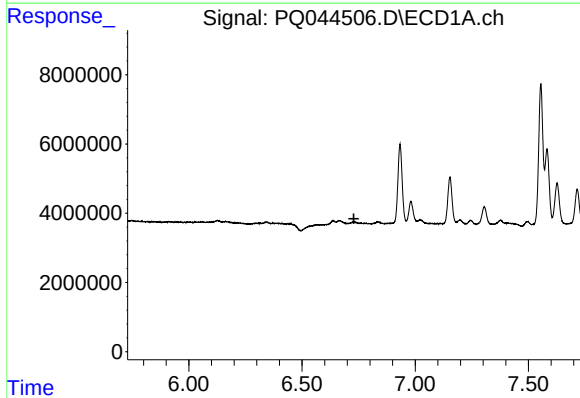
R.T.: 6.636 min
Delta R.T.: -0.026 min
Response: 429259
Conc: 3.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



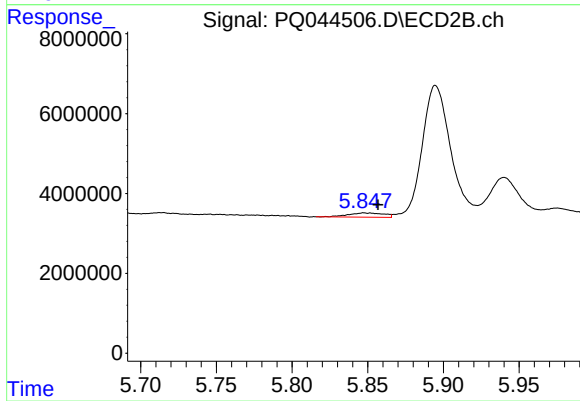
#17 AR-1242-2

R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 1588660
Conc: 8.42 ng/ml



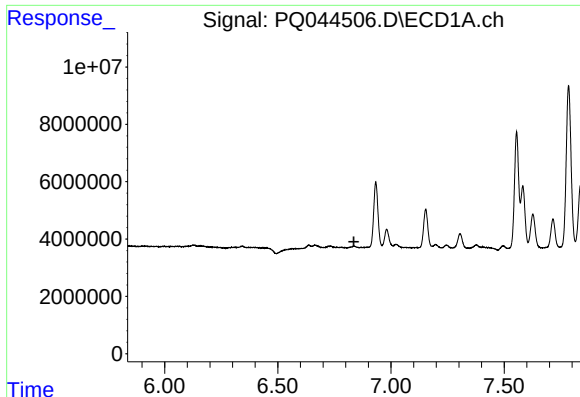
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#18 AR-1242-3

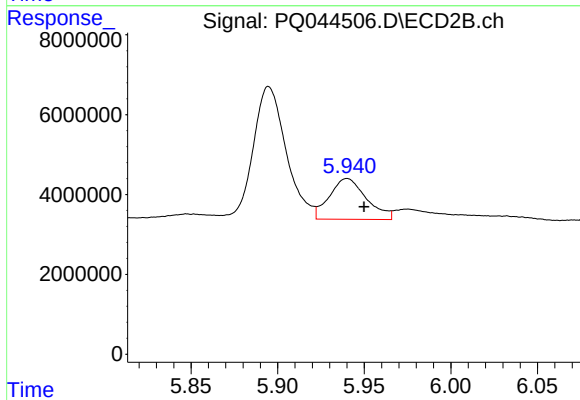
R.T.: 5.849 min
Delta R.T.: -0.008 min
Response: 1718876
Conc: 18.58 ng/ml



#19 AR-1242-4

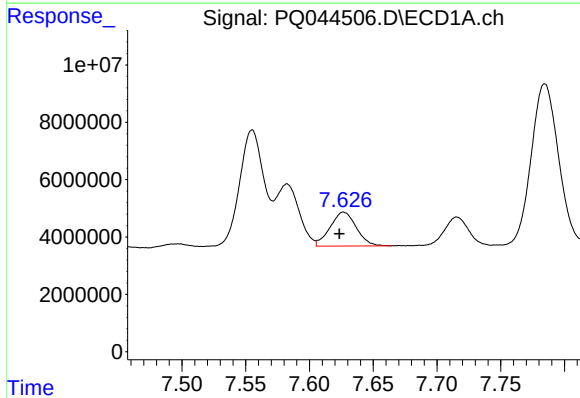
R.T.: 0.000 min
Exp R.T.: 6.836 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254330



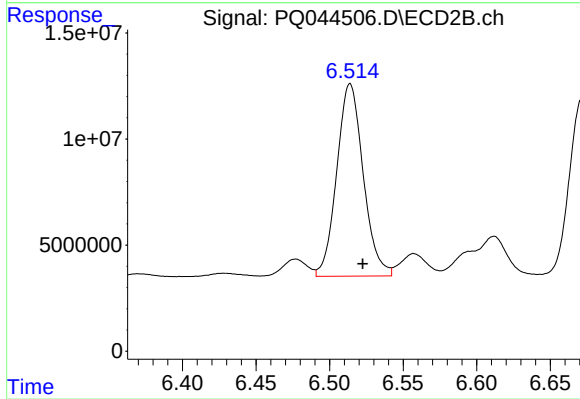
#19 AR-1242-4

R.T.: 5.940 min
Delta R.T.: -0.010 min
Response: 15200427
Conc: 154.65 ng/ml



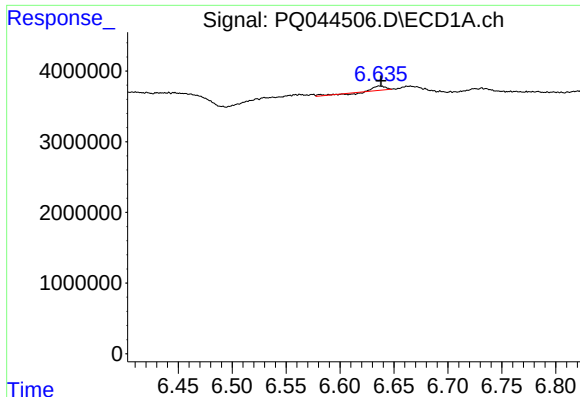
#20 AR-1242-5

R.T.: 7.627 min
Delta R.T.: 0.003 min
Response: 16970308
Conc: 223.22 ng/ml



#20 AR-1242-5

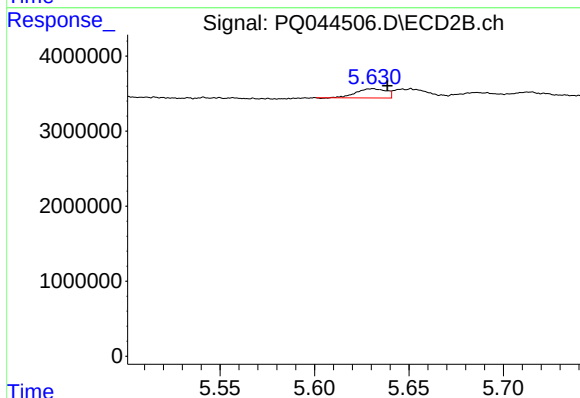
R.T.: 6.514 min
Delta R.T.: -0.009 min
Response: 113441964
Conc: 890.26 ng/ml



#21 AR-1248-1

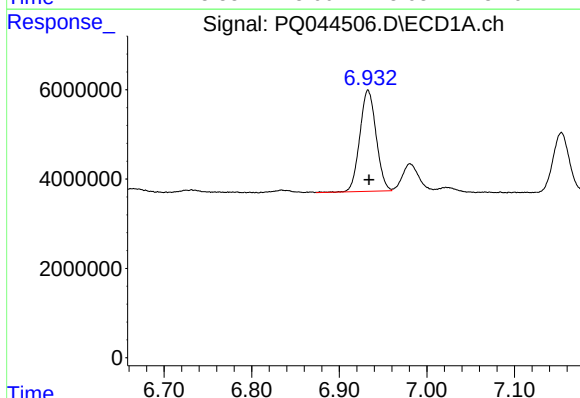
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 429259
Conc: 5.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



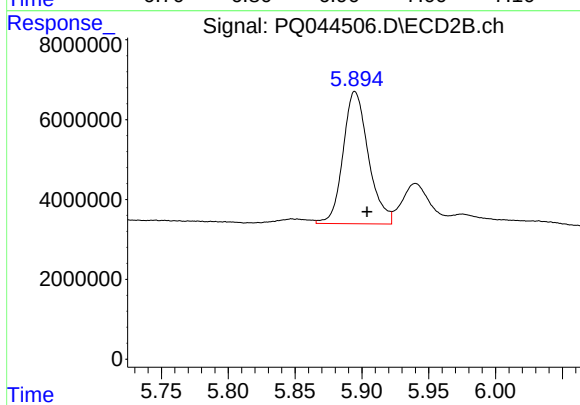
#21 AR-1248-1

R.T.: 5.631 min
Delta R.T.: -0.008 min
Response: 1346930
Conc: 14.87 ng/ml



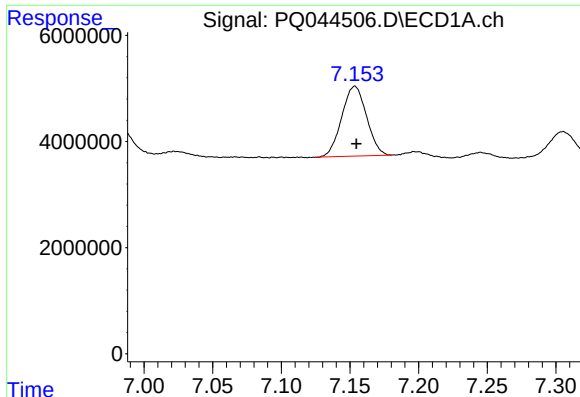
#22 AR-1248-2

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 29288808
Conc: 295.67 ng/ml



#22 AR-1248-2

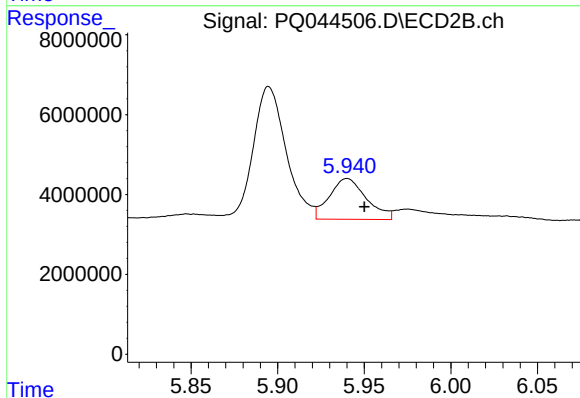
R.T.: 5.895 min
Delta R.T.: -0.009 min
Response: 43700253
Conc: 315.29 ng/ml



#23 AR-1248-3

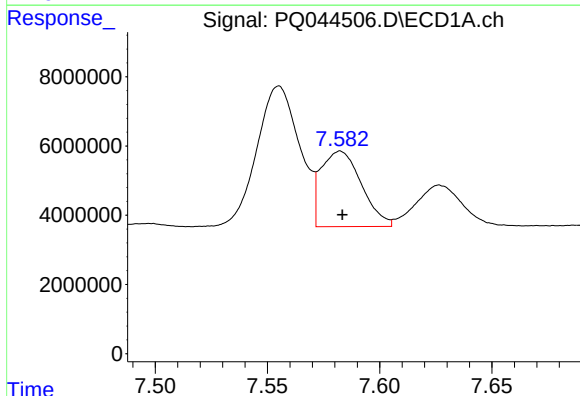
R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 16564981
Conc: 153.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



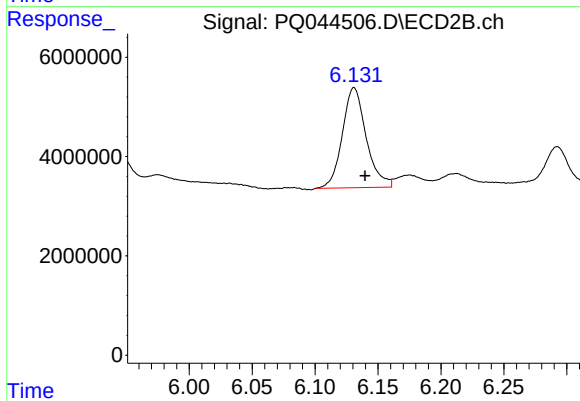
#23 AR-1248-3

R.T.: 5.940 min
Delta R.T.: -0.010 min
Response: 15200427
Conc: 107.48 ng/ml



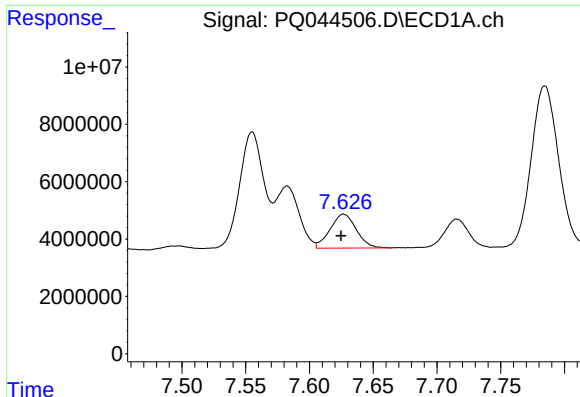
#24 AR-1248-4

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 27328904
Conc: 217.07 ng/ml



#24 AR-1248-4

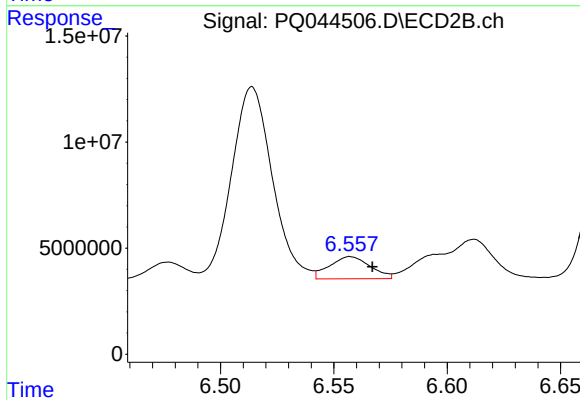
R.T.: 6.131 min
Delta R.T.: -0.009 min
Response: 26623453
Conc: 155.00 ng/ml



#25 AR-1248-5

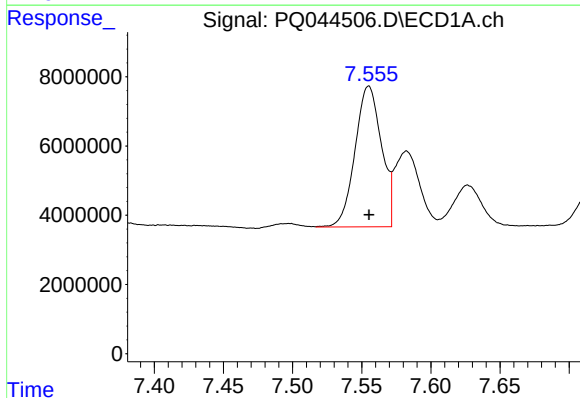
R.T.: 7.627 min
Delta R.T.: 0.002 min
Response: 16970308
Conc: 140.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



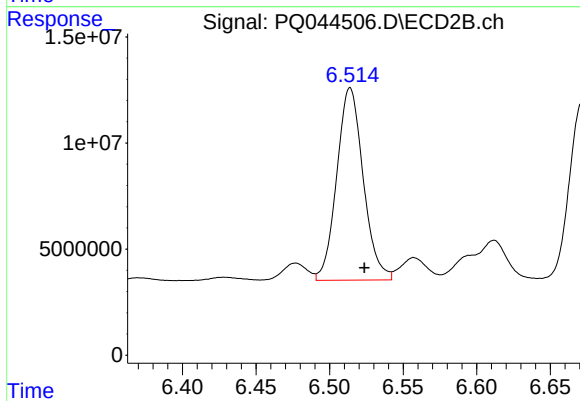
#25 AR-1248-5

R.T.: 6.557 min
Delta R.T.: -0.010 min
Response: 12989599
Conc: 77.59 ng/ml



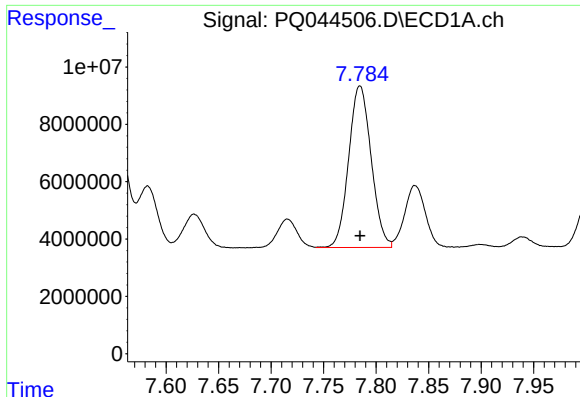
#26 AR-1254-1

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 54025941
Conc: 401.51 ng/ml



#26 AR-1254-1

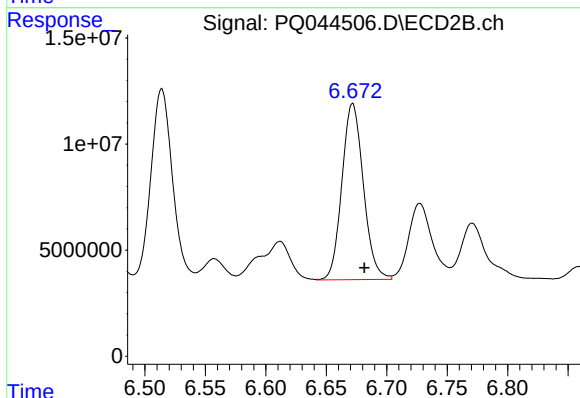
R.T.: 6.514 min
Delta R.T.: -0.010 min
Response: 113441964
Conc: 388.94 ng/ml



#27 AR-1254-2

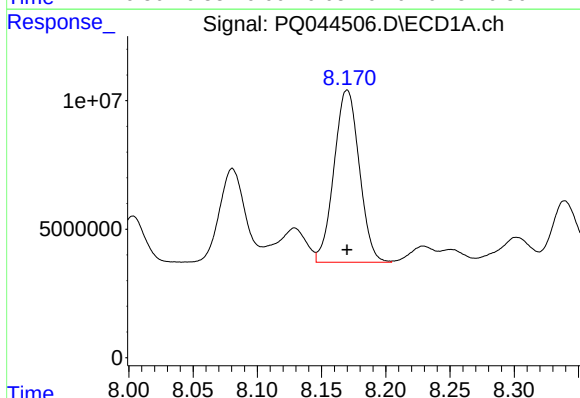
R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 84094883
Conc: 393.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



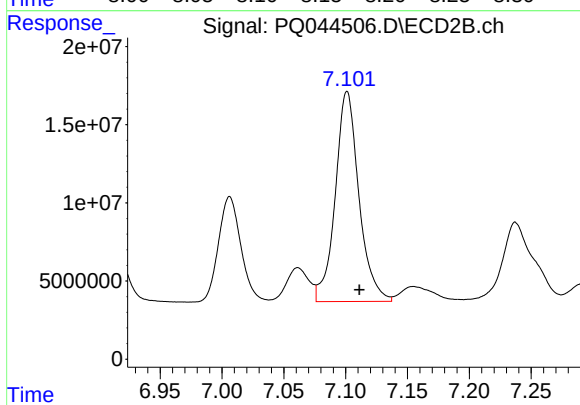
#27 AR-1254-2

R.T.: 6.672 min
Delta R.T.: -0.010 min
Response: 102574808
Conc: 392.86 ng/ml



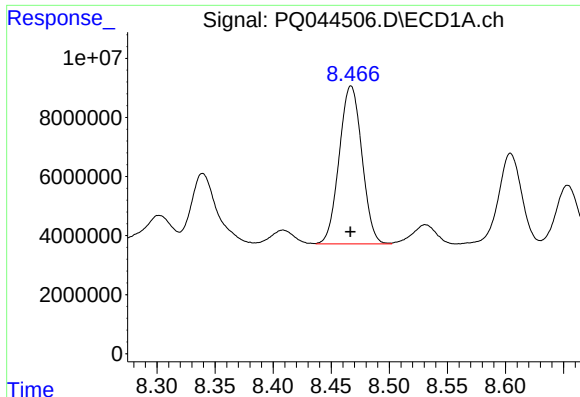
#28 AR-1254-3

R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 91663537
Conc: 372.54 ng/ml



#28 AR-1254-3

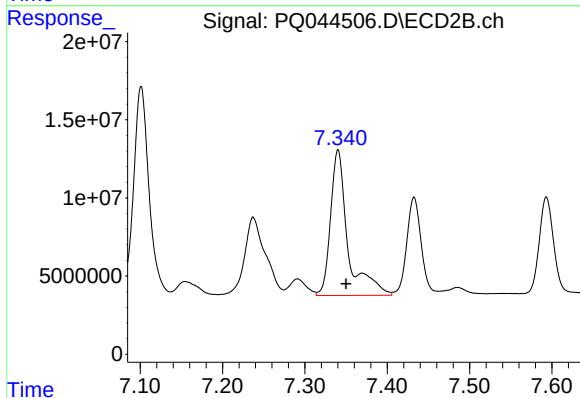
R.T.: 7.101 min
Delta R.T.: -0.010 min
Response: 179263822
Conc: 410.30 ng/ml



#29 AR-1254-4

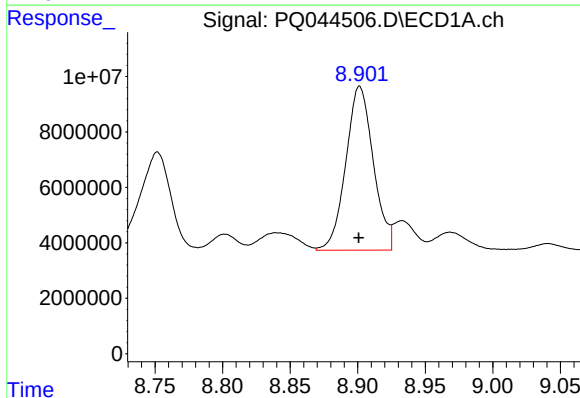
R.T.: 8.467 min
Delta R.T.: 0.000 min
Response: 72803913
Conc: 363.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



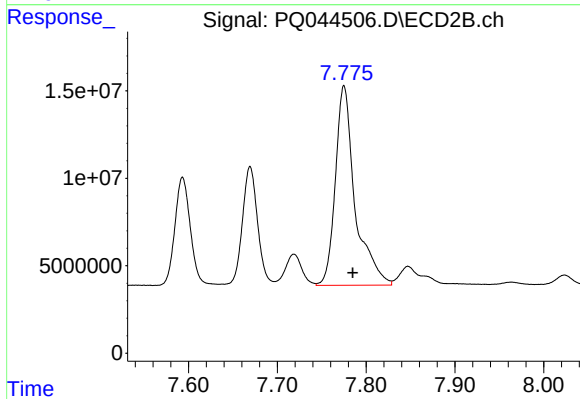
#29 AR-1254-4

R.T.: 7.340 min
Delta R.T.: -0.010 min
Response: 136598734
Conc: 508.51 ng/ml



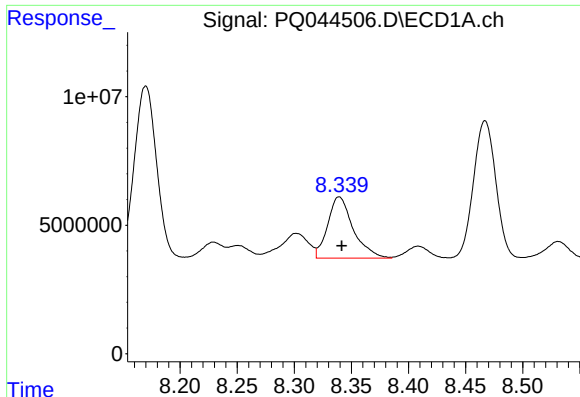
#30 AR-1254-5

R.T.: 8.901 min
Delta R.T.: 0.000 min
Response: 83849390
Conc: 350.33 ng/ml



#30 AR-1254-5

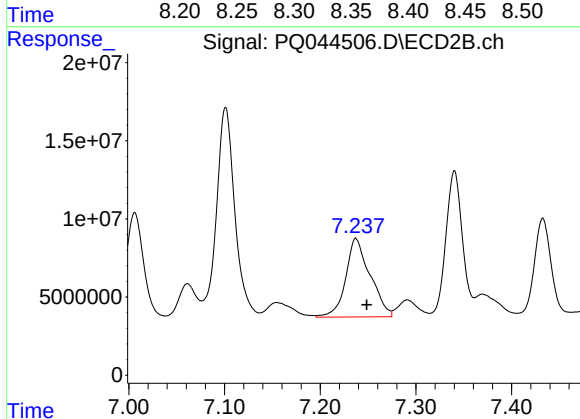
R.T.: 7.775 min
Delta R.T.: -0.010 min
Response: 175621421
Conc: 439.20 ng/ml



#31 AR-1260-1

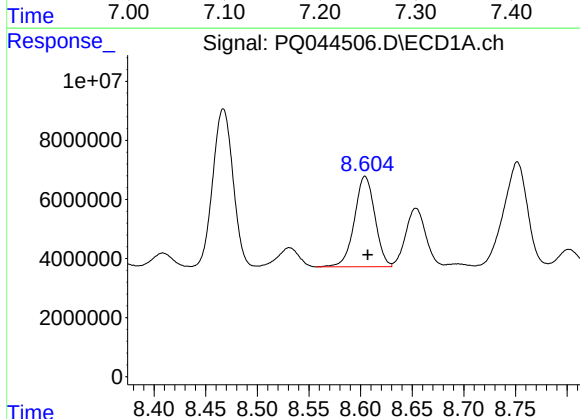
R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 37185465
Conc: 247.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



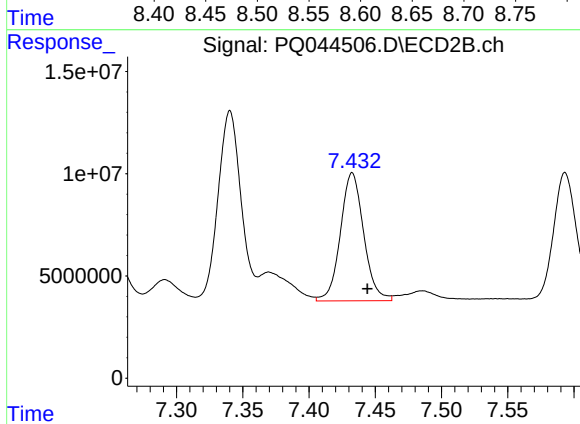
#31 AR-1260-1

R.T.: 7.238 min
Delta R.T.: -0.011 min
Response: 89254767
Conc: 367.09 ng/ml



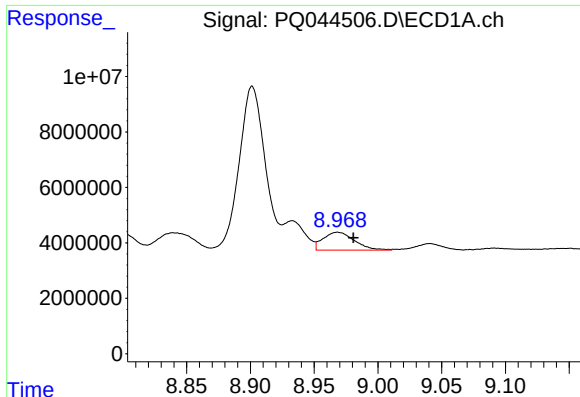
#32 AR-1260-2

R.T.: 8.604 min
Delta R.T.: -0.003 min
Response: 42269432
Conc: 214.77 ng/ml



#32 AR-1260-2

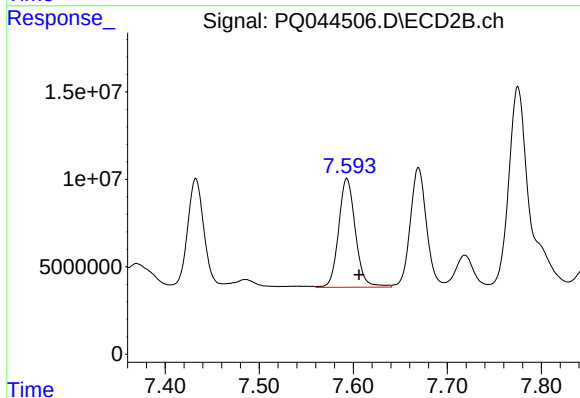
R.T.: 7.433 min
Delta R.T.: -0.011 min
Response: 76630379
Conc: 253.86 ng/ml



#33 AR-1260-3

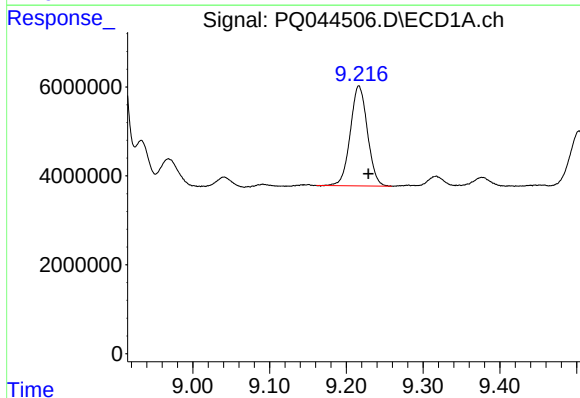
R.T.: 8.968 min
Delta R.T.: -0.012 min
Response: 11047339
Conc: 68.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



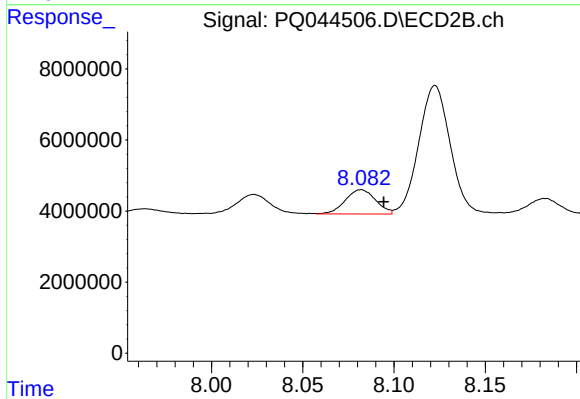
#33 AR-1260-3

R.T.: 7.593 min
Delta R.T.: -0.013 min
Response: 77046012
Conc: 273.78 ng/ml



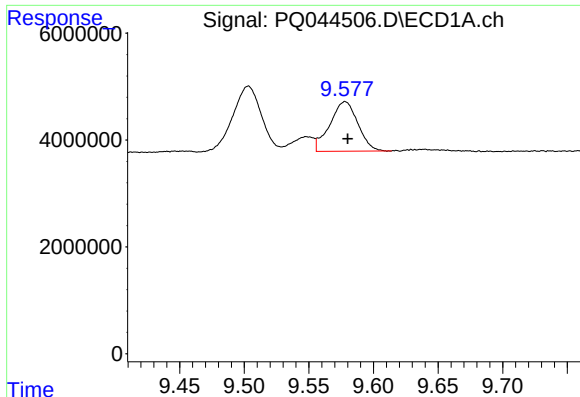
#34 AR-1260-4

R.T.: 9.216 min
Delta R.T.: -0.012 min
Response: 34894652
Conc: 178.71 ng/ml



#34 AR-1260-4

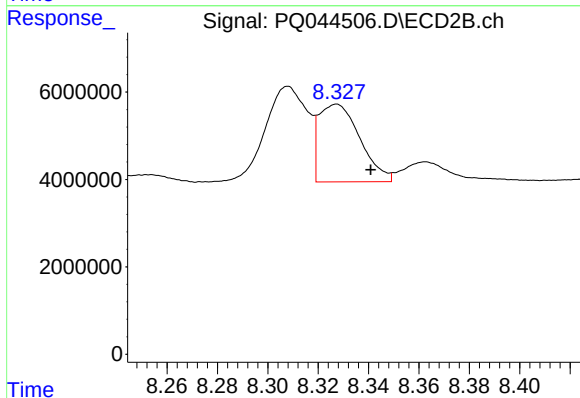
R.T.: 8.082 min
Delta R.T.: -0.012 min
Response: 7881034
Conc: 31.33 ng/ml



#35 AR-1260-5

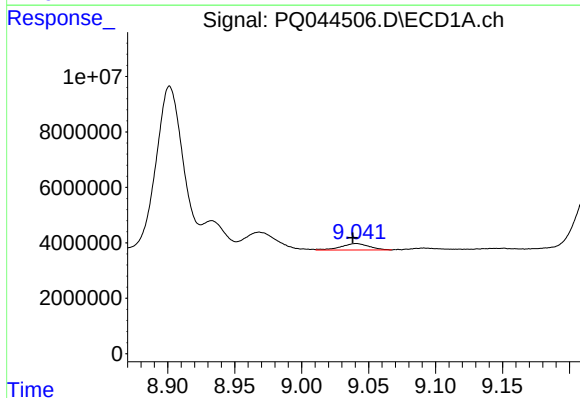
R.T.: 9.578 min
Delta R.T.: -0.002 min
Response: 14044637
Conc: 30.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



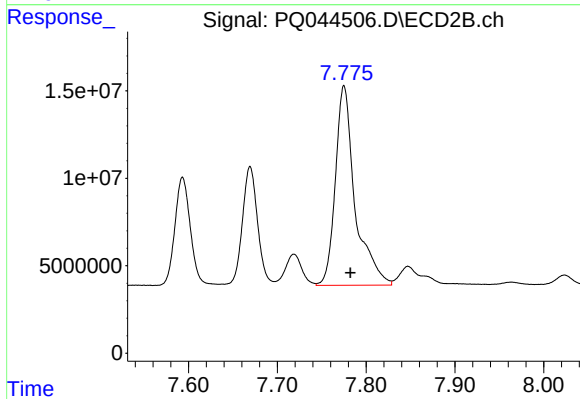
#35 AR-1260-5

R.T.: 8.327 min
Delta R.T.: -0.014 min
Response: 20172368
Conc: 31.47 ng/ml



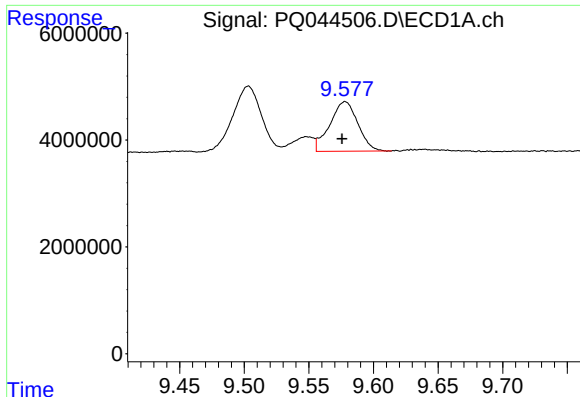
#36 AR-1262-1

R.T.: 9.041 min
Delta R.T.: 0.003 min
Response: 3411946
Conc: 31.42 ng/ml



#36 AR-1262-1

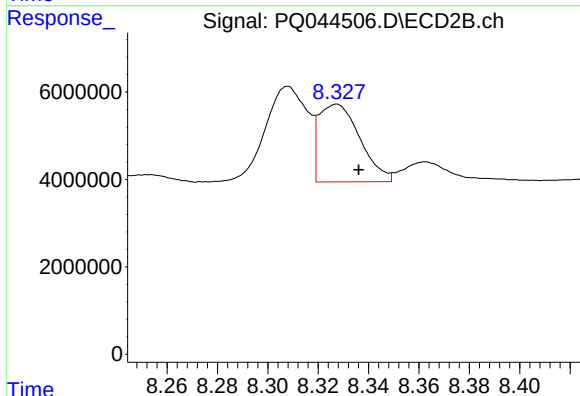
R.T.: 7.775 min
Delta R.T.: -0.007 min
Response: 175621421
Conc: 899.94 ng/ml



#37 AR-1262-2

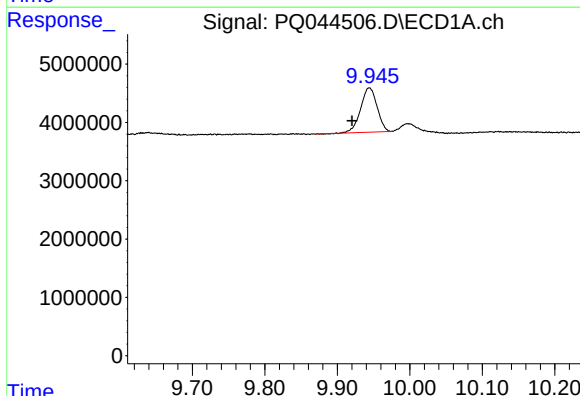
R.T.: 9.578 min
Delta R.T.: 0.002 min
Response: 14044637
Conc: 24.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



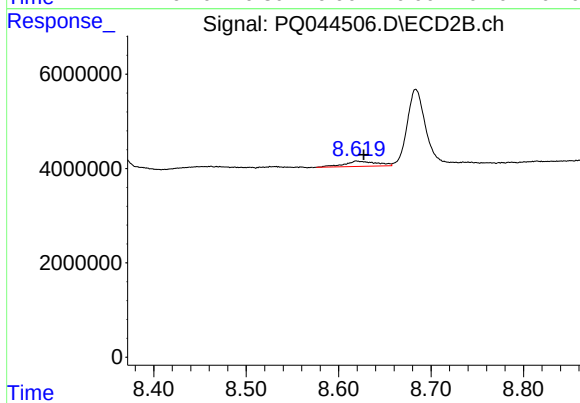
#37 AR-1262-2

R.T.: 8.327 min
Delta R.T.: -0.009 min
Response: 20172368
Conc: 25.50 ng/ml



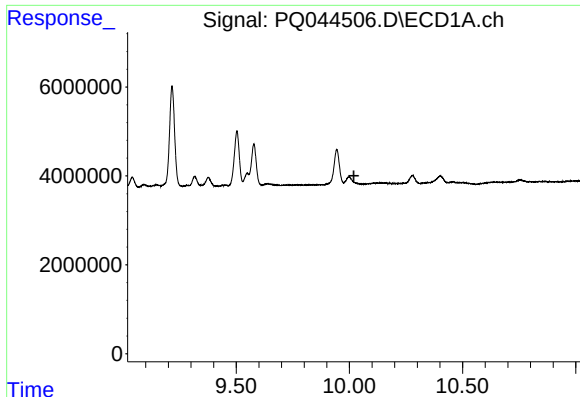
#38 AR-1262-3

R.T.: 9.944 min
Delta R.T.: 0.024 min
Response: 11978737
Conc: 28.87 ng/ml



#38 AR-1262-3

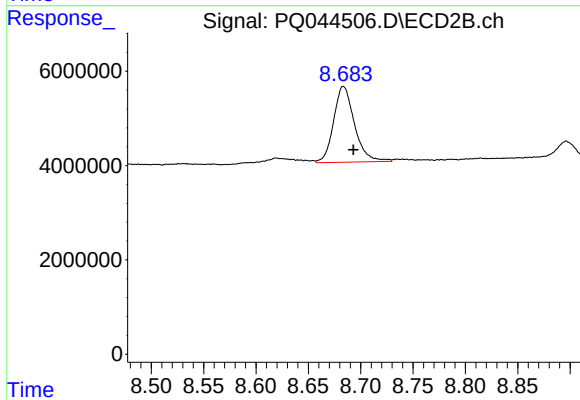
R.T.: 8.621 min
Delta R.T.: -0.006 min
Response: 2689274
Conc: 8.48 ng/ml



#39 AR-1262-4

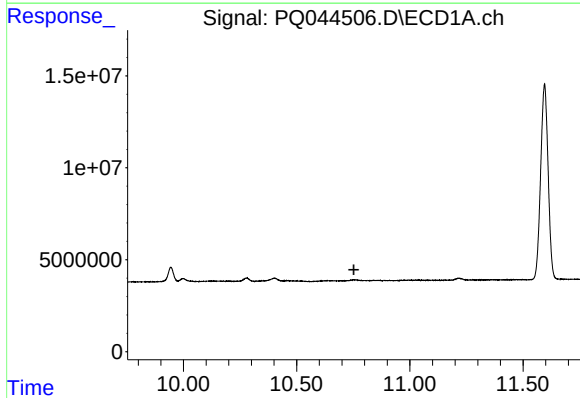
R.T.: 0.000 min
Exp R.T.: 10.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254330



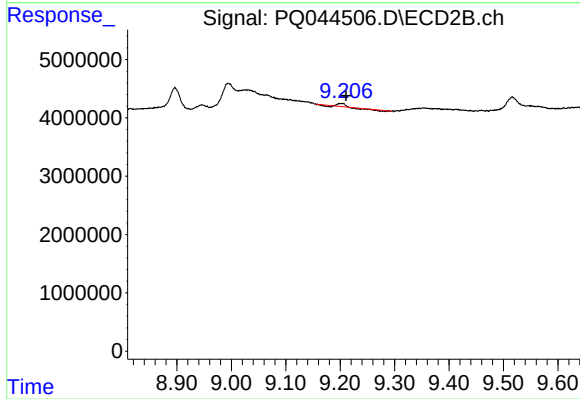
#39 AR-1262-4

R.T.: 8.684 min
Delta R.T.: -0.010 min
Response: 22271106
Conc: 36.54 ng/ml



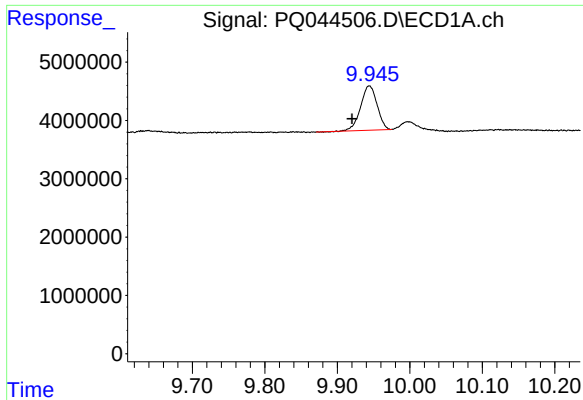
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 10.753 min
Response: 0
Conc: N.D.



#40 AR-1262-5

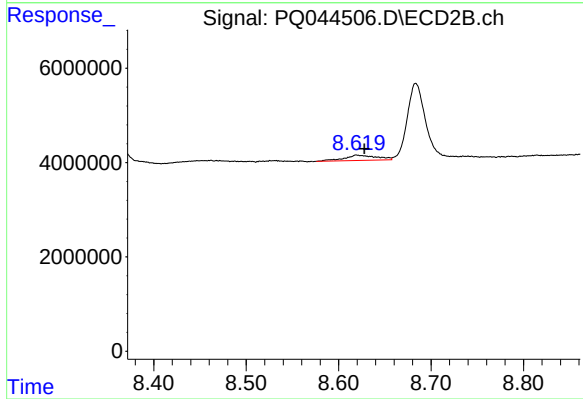
R.T.: 9.202 min
Delta R.T.: -0.009 min
Response: 39460
Conc: 0.14 ng/ml



#41 AR-1268-1

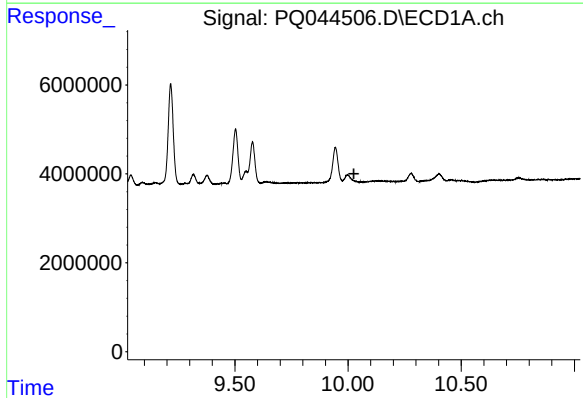
R.T.: 9.944 min
Delta R.T.: 0.024 min
Response: 11978737
Conc: 16.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254330



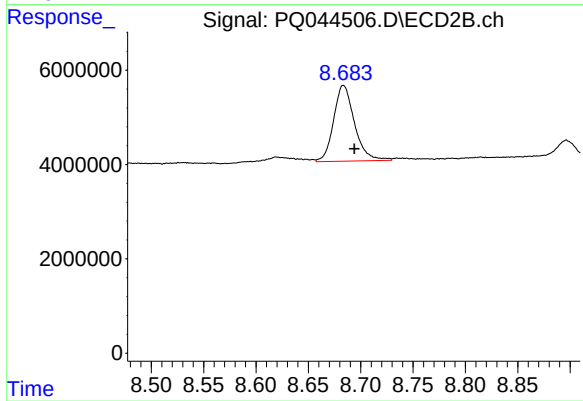
#41 AR-1268-1

R.T.: 8.621 min
Delta R.T.: -0.007 min
Response: 2689274
Conc: 2.79 ng/ml



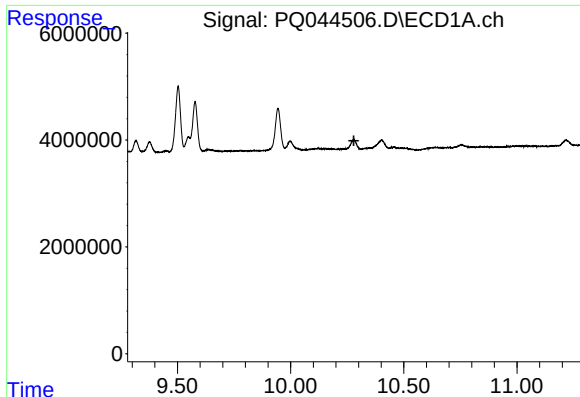
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.026 min
Response: 0
Conc: N.D.



#42 AR-1268-2

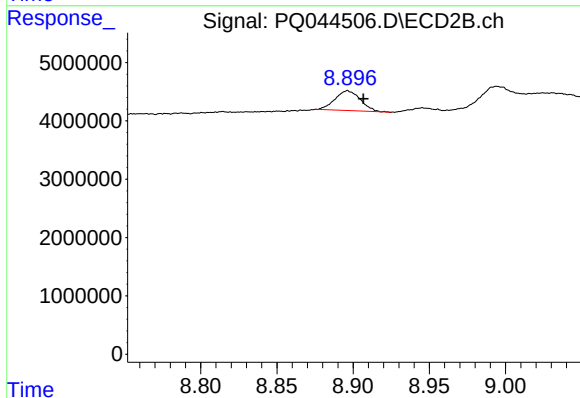
R.T.: 8.684 min
Delta R.T.: -0.010 min
Response: 22271106
Conc: 24.49 ng/ml



#43 AR-1268-3

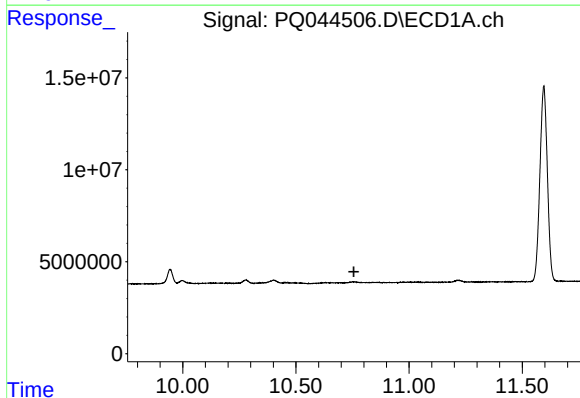
R.T.: 0.000 min
Exp R.T.: 10.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254330



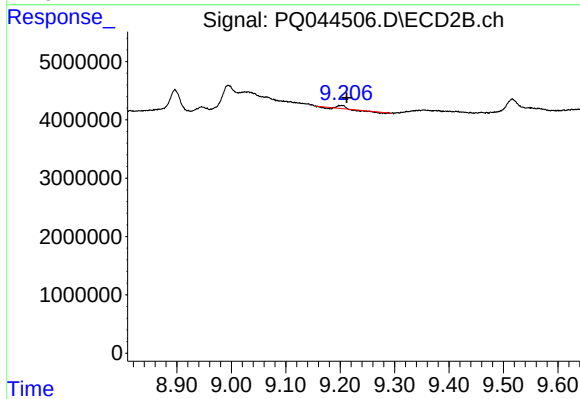
#43 AR-1268-3

R.T.: 8.897 min
Delta R.T.: -0.010 min
Response: 3917737
Conc: 5.17 ng/ml



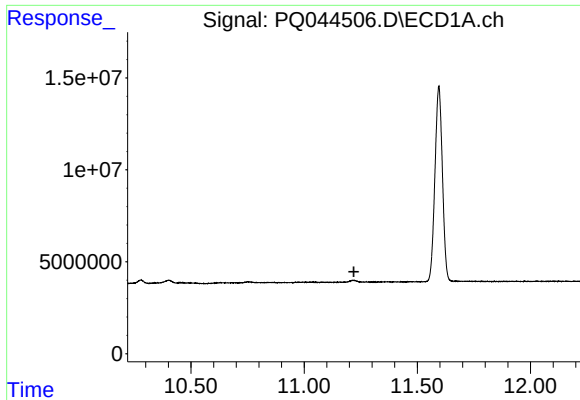
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.756 min
Response: 0
Conc: N.D.



#44 AR-1268-4

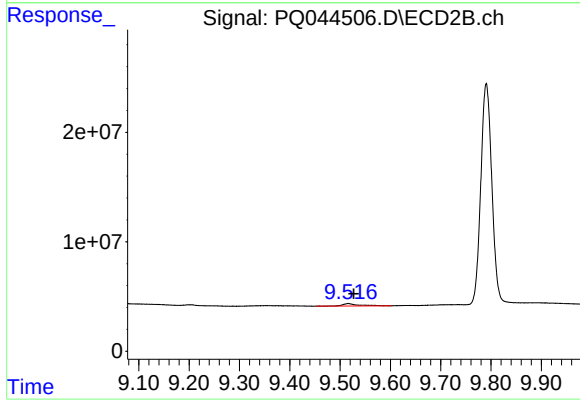
R.T.: 9.202 min
Delta R.T.: -0.010 min
Response: 39460
Conc: 0.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254330



#45 AR-1268-5

R.T.: 9.516 min
Delta R.T.: -0.011 min
Response: 5063029
Conc: 1.94 ng/ml