

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
 Data File : PQ042939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 03:45
 Operator : SM\AJ
 Sample : K4502-14
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ86

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 08:50:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.634	4.695	46099995	37915046	17.223	16.380
2)	SA Decachlor...	11.984	10.425	232.4E6	180.8E6	27.523	26.914
Target Compounds							
3)	L1 AR-1016-1	7.080	6.146	19345491	15645206	186.210	158.607
4)	L1 AR-1016-2	7.105	6.167	56168982	44849919	352.319	295.654
5)	L1 AR-1016-3	7.182	6.382	5036641	18101579	49.578	240.828 #
6)	L1 AR-1016-4	7.287	6.436	16206831	48627196	202.289	699.968 #
7)	L1 AR-1016-5	7.622	6.687	53279907	45906348	650.395	509.482
8)	L2 AR-1221-1	5.862	0.000	1528380	0	45.113	N.D. #
12)	L3 AR-1232-2	6.763	6.167	28962606	44849919	734.037	535.509 #
13)	L3 AR-1232-3	7.105	6.382	56168982	18101579	677.257	420.670 #
14)	L3 AR-1232-4	7.287	6.484	16206831	46664192	376.474	1088.518 #
15)	L3 AR-1232-5	7.394	6.687	45408145	45906348	1587.205	1014.775 #
16)	L4 AR-1242-1	7.080	6.146	19345491	15645206	190.135	158.942
17)	L4 AR-1242-2	7.105	6.167	56168982	44849919	368.730	301.921
18)	L4 AR-1242-3	7.182	6.382	5036641	18101579	52.780	238.189 #
19)	L4 AR-1242-4	7.287	6.484	16206831	46664192	210.537	559.442 #
20)	L4 AR-1242-5	8.110	7.096	85670940	95853510	894.632	841.291
21)	L5 AR-1248-1	7.080	6.146	19345491	15645206	244.733	197.368
22)	L5 AR-1248-2	7.394	6.436	45408145	48627196	401.196	410.782
23)	L5 AR-1248-3	7.622	6.484	53279907	46664192	394.080	386.344
24)	L5 AR-1248-4	8.069	6.687	68615282	45906348	423.453	313.456 #
25)	L5 AR-1248-5	8.110	7.142	85670940	75643688	546.671	485.637
26)	L6 AR-1254-1	8.038	7.096	61852214	95853510	370.149	390.840
27)	L6 AR-1254-2	8.280	7.265	90342428	38829164	335.907	174.090 #
28)	L6 AR-1254-3	8.670	7.710	62575988	74171841	207.771	197.332
29)	L6 AR-1254-4	8.972	7.960	41018625	37387930	180.047	154.625
30)	L6 AR-1254-5	9.410	8.405	35524685	35406781	131.172	95.940 #
31)	L7 AR-1260-1	8.842	7.853	18093088	36346480	100.990	187.482 #
32)	L7 AR-1260-2	9.112	8.056	18509379	20499128	78.703	80.516
33)	L7 AR-1260-3	9.486	8.218	14596432	17720671	68.308	77.780
34)	L7 AR-1260-4	9.722	8.715	27700458	11122203	117.485	51.550 #
35)	L7 AR-1260-5	10.069	8.969	35259033	44409006	61.872	76.156
36)	L8 AR-1262-1	9.486	8.443	14596432	11916539	36.331	64.332 #
37)	L8 AR-1262-2	10.069	8.969	35259033	44409006	44.083	51.414
38)	L8 AR-1262-3	10.401	9.260	30075582	16434808	50.787	43.868
39)	L8 AR-1262-4	10.495	9.327	19691715	26419434	39.539	38.482
40)	L8 AR-1262-5	11.194	9.845	13049185	10745632	34.973	32.699
41)	L9 AR-1268-1	10.401	9.260	30075582	16434808	27.987	15.355 #
42)	L9 AR-1268-2	10.495	9.327	19691715	26419434	18.766	25.712 #
43)	L9 AR-1268-3	10.739	9.537	33107563	27171328	34.581	30.803
44)	L9 AR-1268-4	11.194	9.845	13049185	10745632	32.531	30.157
45)	L9 AR-1268-5	11.631	10.156	85444340	69177016	25.595	24.741

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
Data File : PQ042939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2019 03:45
Operator : SM\AJ
Sample : K4502-14
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETQ86

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 08:50:41 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 26 05:38:16 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

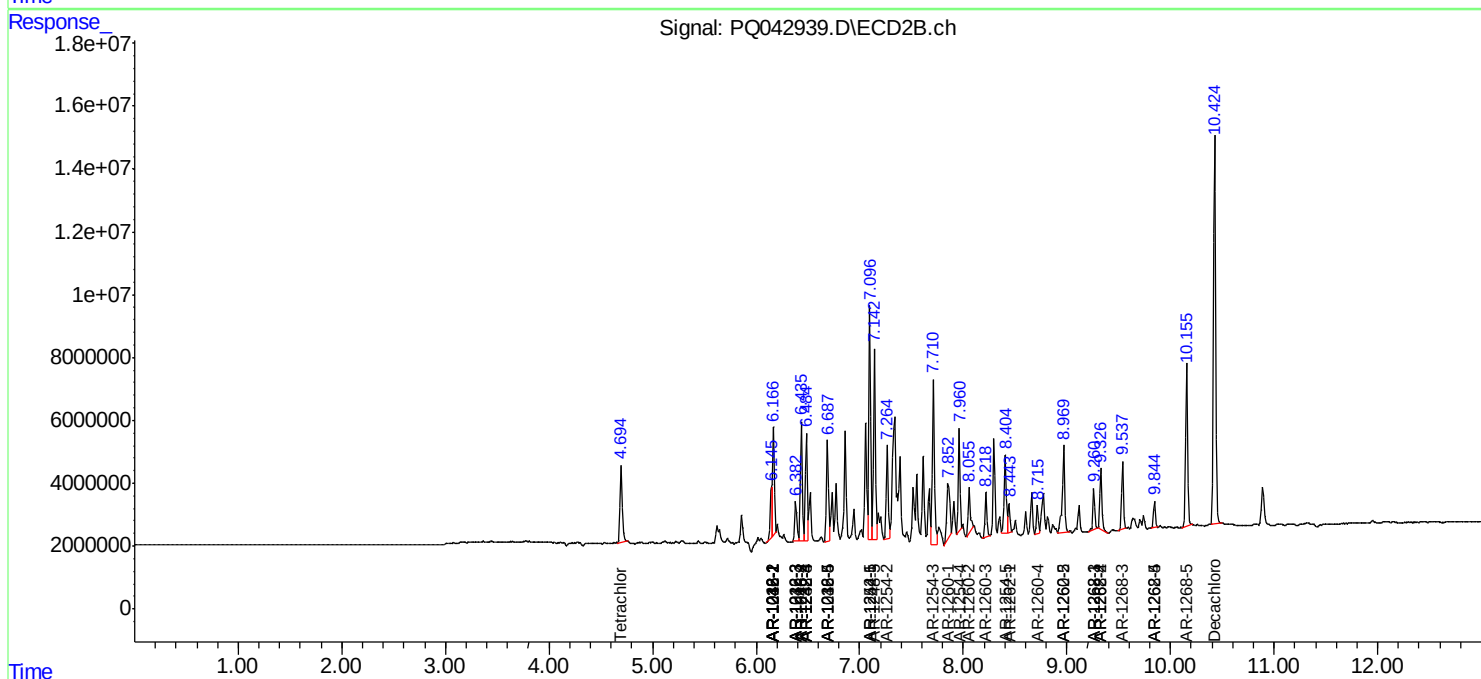
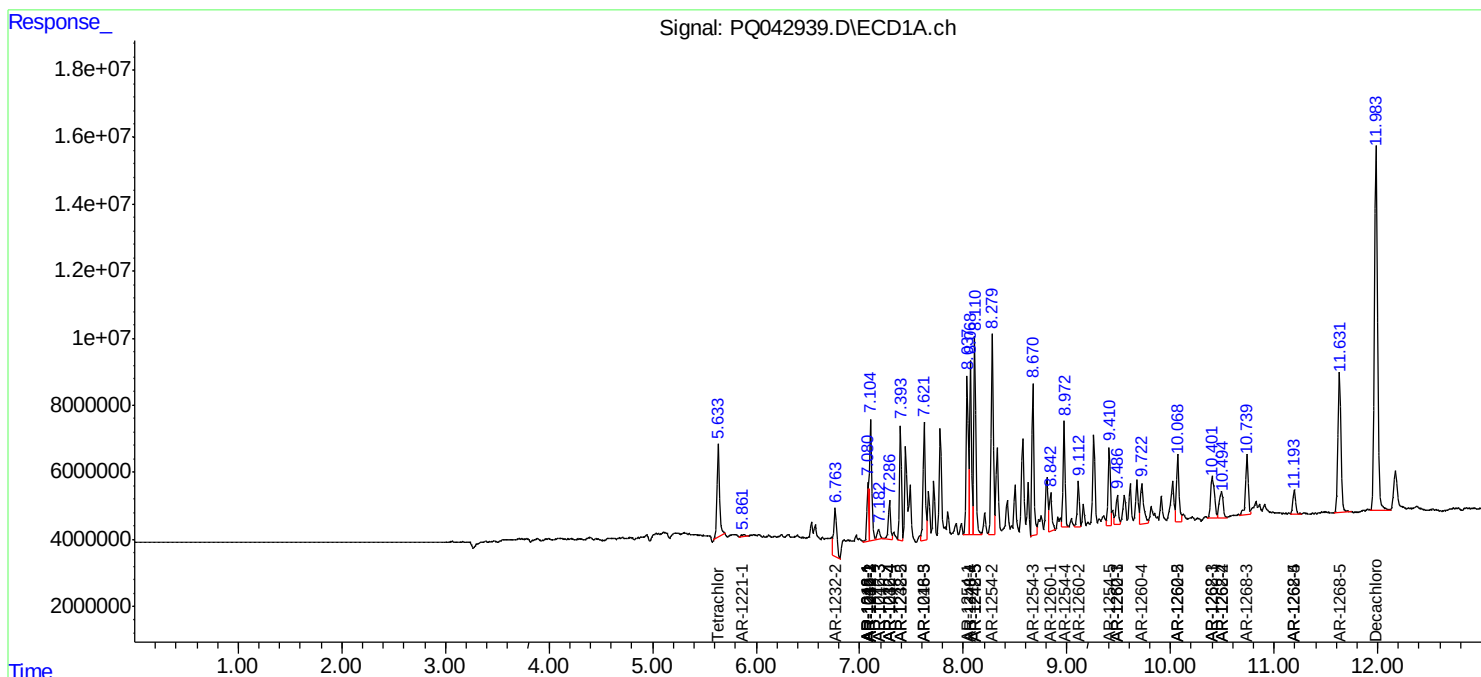
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

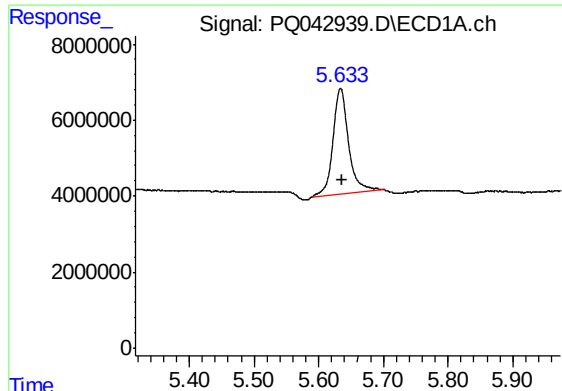
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
Data File : PQ042939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2019 03:45
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Sample : K4502-14
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ECD_Q
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Integration File signal 1: autoint1.e
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Quant Time: Aug 26 08:50:41 2019
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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

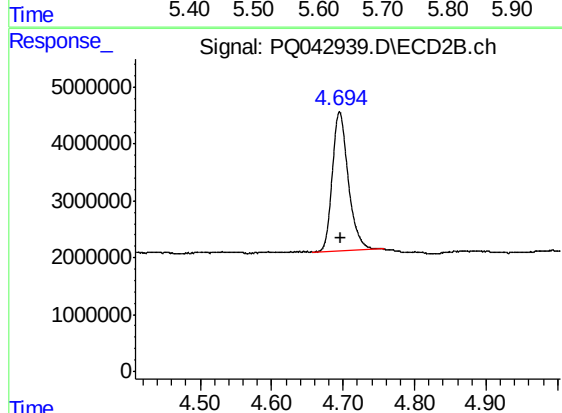




#1 Tetrachloro-m-xylene

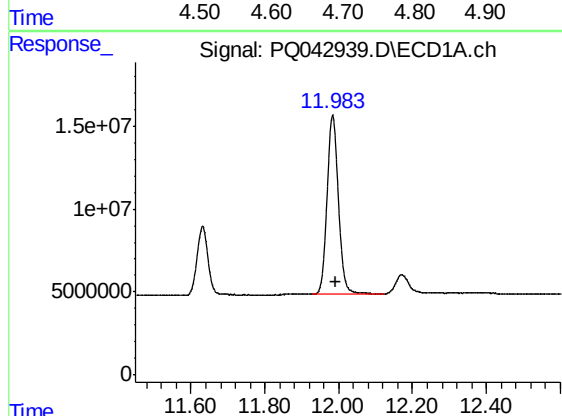
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 46099995
Conc: 17.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



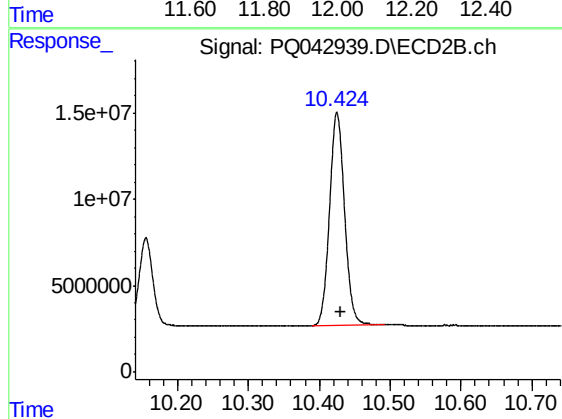
#1 Tetrachloro-m-xylene

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 37915046
Conc: 16.38 ng/ml



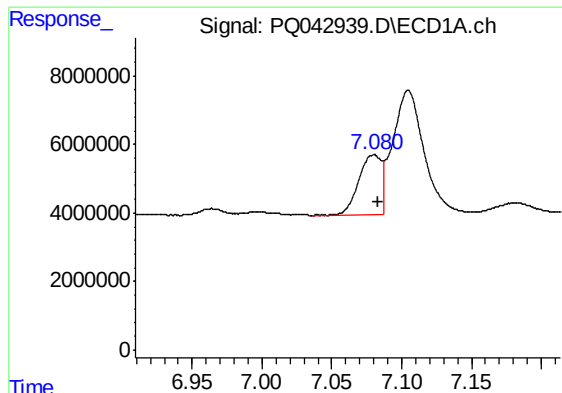
#2 Decachlorobiphenyl

R.T.: 11.984 min
Delta R.T.: -0.010 min
Response: 232355145
Conc: 27.52 ng/ml



#2 Decachlorobiphenyl

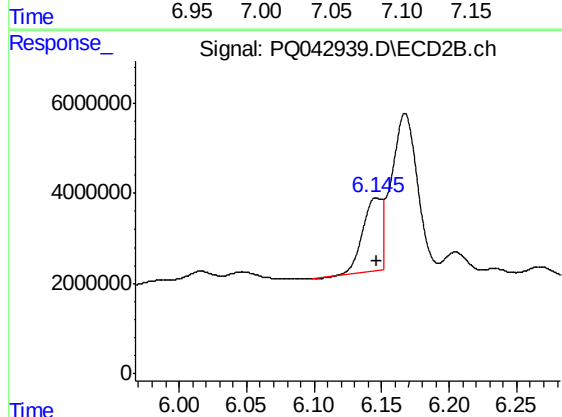
R.T.: 10.425 min
Delta R.T.: -0.006 min
Response: 180804472
Conc: 26.91 ng/ml



#3 AR-1016-1

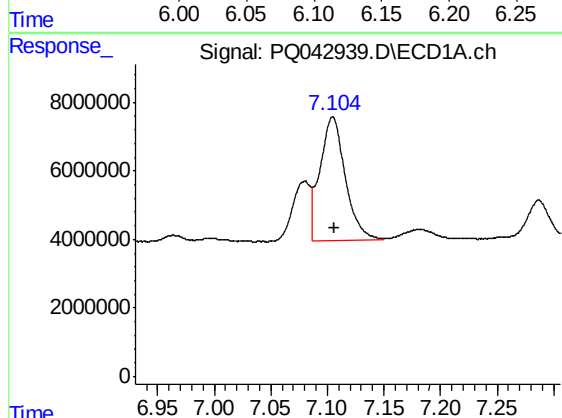
R.T.: 7.080 min
Delta R.T.: -0.003 min
Response: 19345491
Conc: 186.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



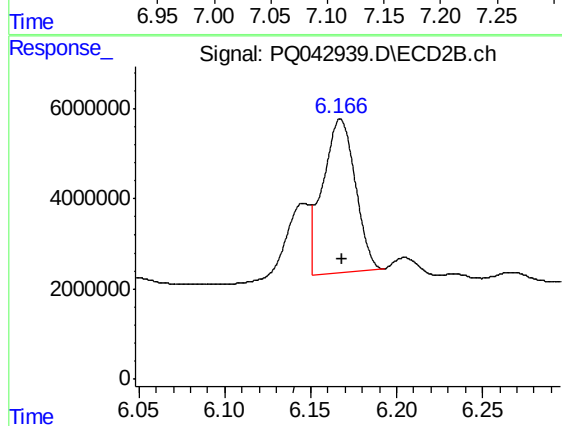
#3 AR-1016-1

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 15645206
Conc: 158.61 ng/ml



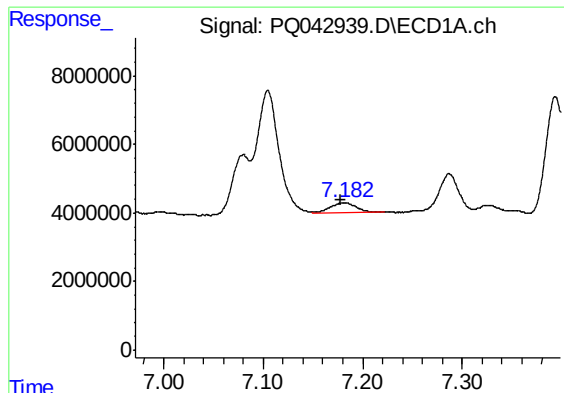
#4 AR-1016-2

R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 56168982
Conc: 352.32 ng/ml



#4 AR-1016-2

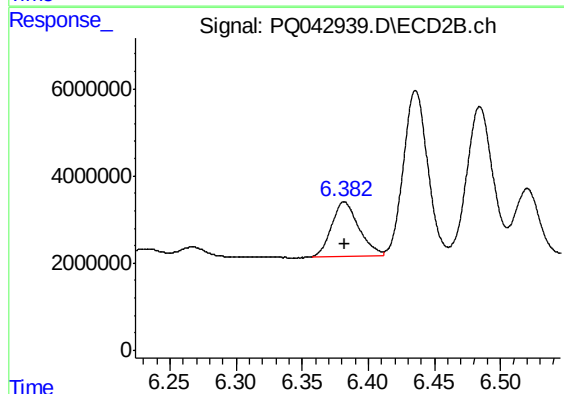
R.T.: 6.167 min
Delta R.T.: -0.001 min
Response: 44849919
Conc: 295.65 ng/ml



#5 AR-1016-3

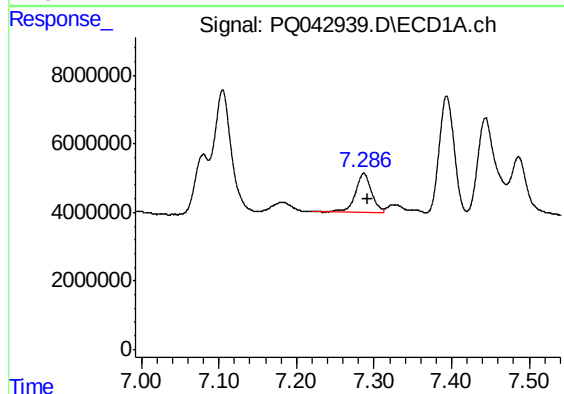
R.T.: 7.182 min
Delta R.T.: 0.004 min
Response: 5036641
Conc: 49.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



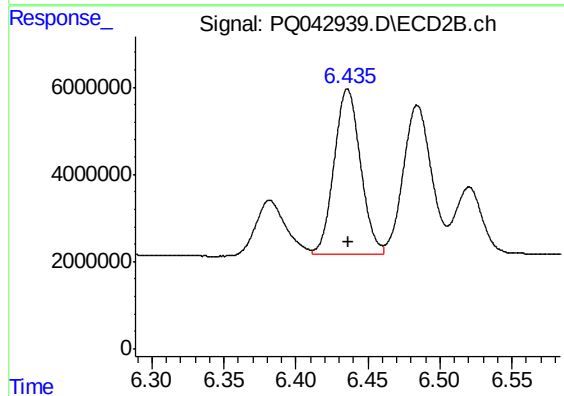
#5 AR-1016-3

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 18101579
Conc: 240.83 ng/ml



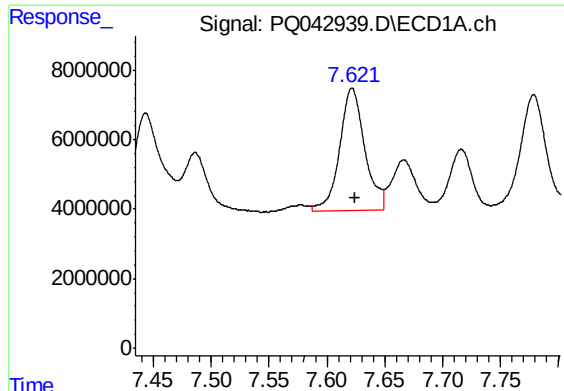
#6 AR-1016-4

R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 16206831
Conc: 202.29 ng/ml



#6 AR-1016-4

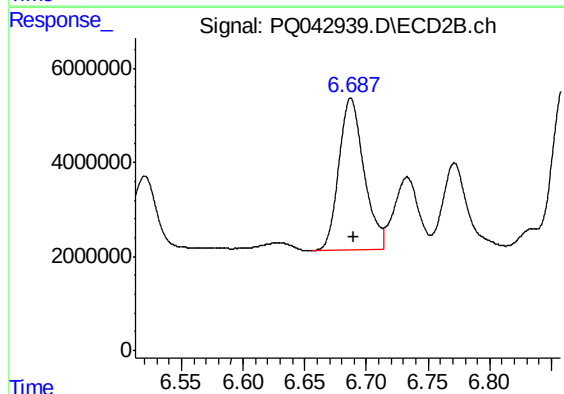
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 48627196
Conc: 699.97 ng/ml



#7 AR-1016-5

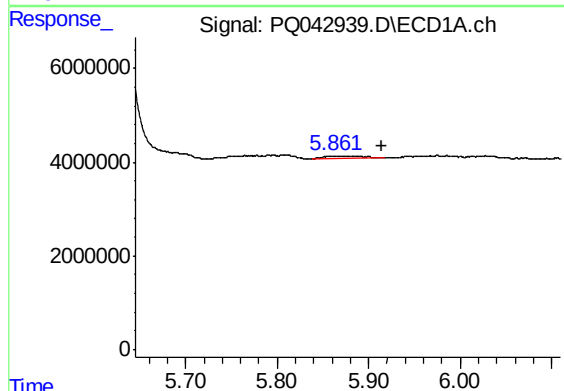
R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 53279907
Conc: 650.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



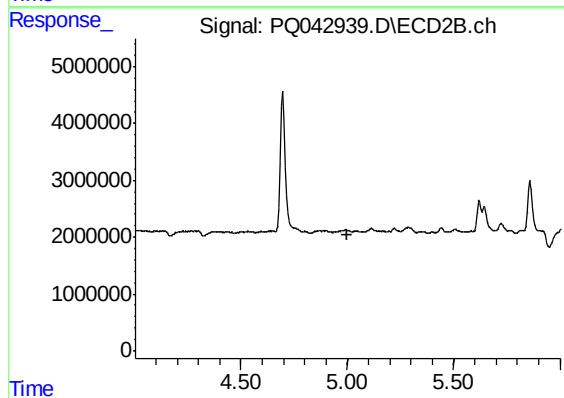
#7 AR-1016-5

R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 45906348
Conc: 509.48 ng/ml



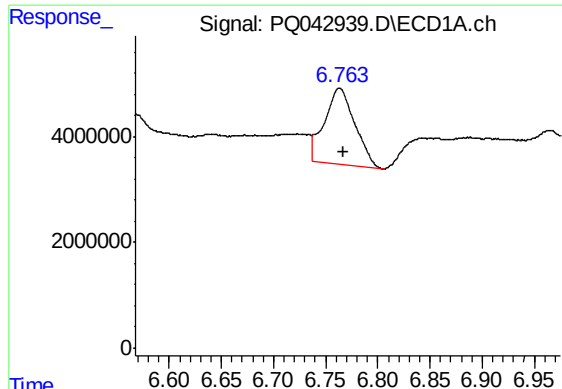
#8 AR-1221-1

R.T.: 5.862 min
Delta R.T.: -0.053 min
Response: 1528380
Conc: 45.11 ng/ml



#8 AR-1221-1

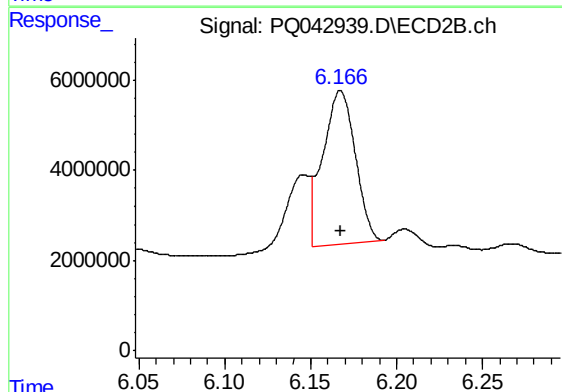
R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



#12 AR-1232-2

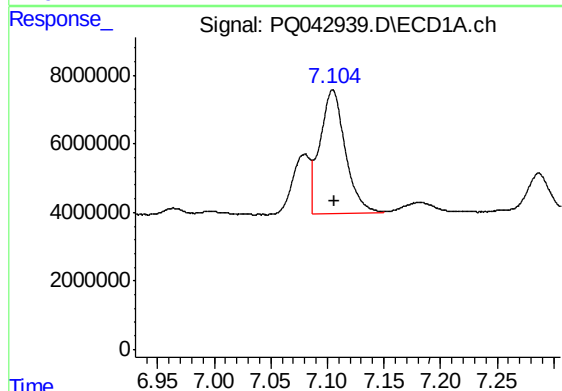
R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 28962606
Conc: 734.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



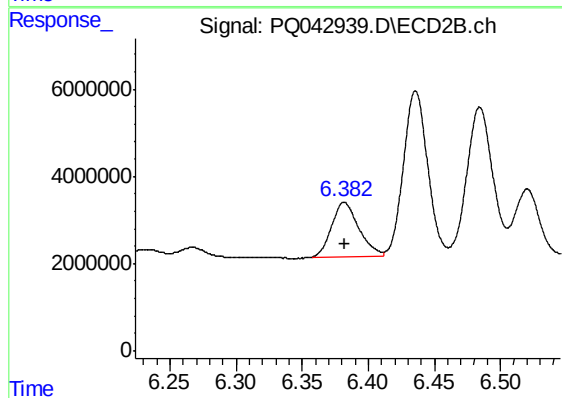
#12 AR-1232-2

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 44849919
Conc: 535.51 ng/ml



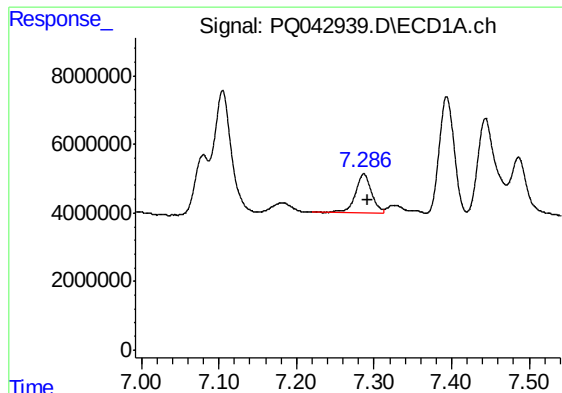
#13 AR-1232-3

R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 56168982
Conc: 677.26 ng/ml



#13 AR-1232-3

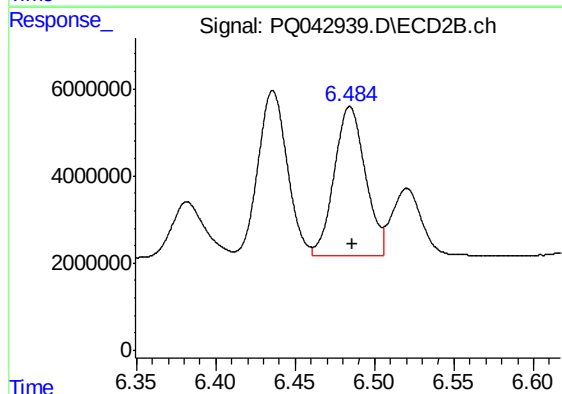
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 18101579
Conc: 420.67 ng/ml



#14 AR-1232-4

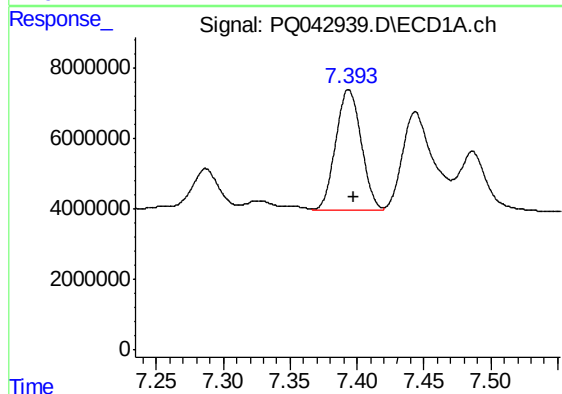
R.T.: 7.287 min
Delta R.T.: -0.005 min
Response: 16206831
Conc: 376.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



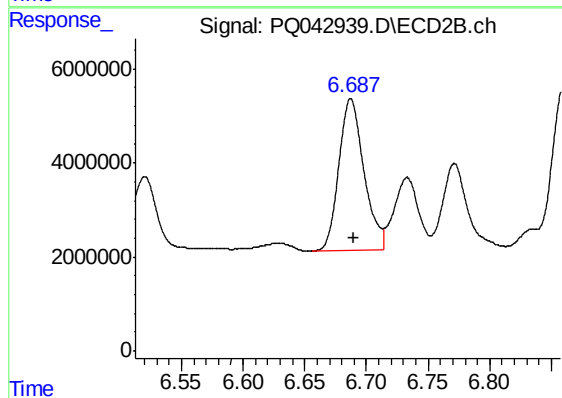
#14 AR-1232-4

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 46664192
Conc: 1088.52 ng/ml



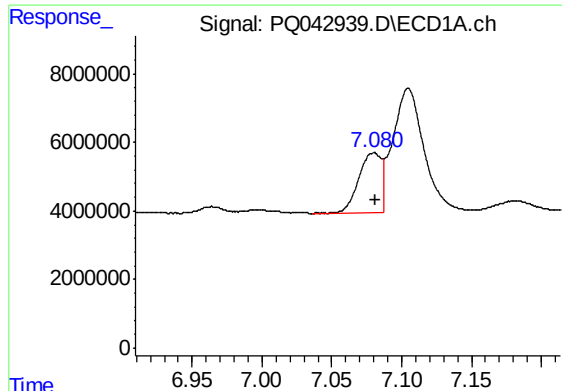
#15 AR-1232-5

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 45408145
Conc: 1587.21 ng/ml



#15 AR-1232-5

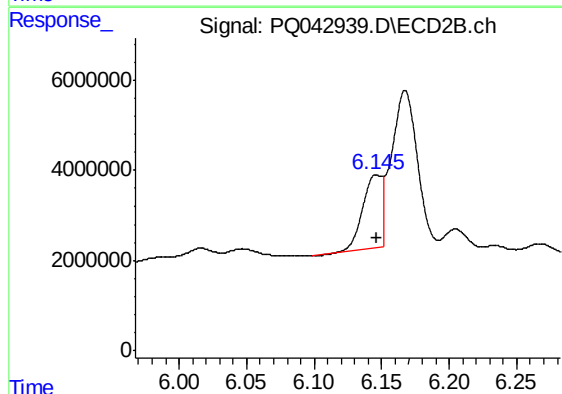
R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 45906348
Conc: 1014.77 ng/ml



#16 AR-1242-1

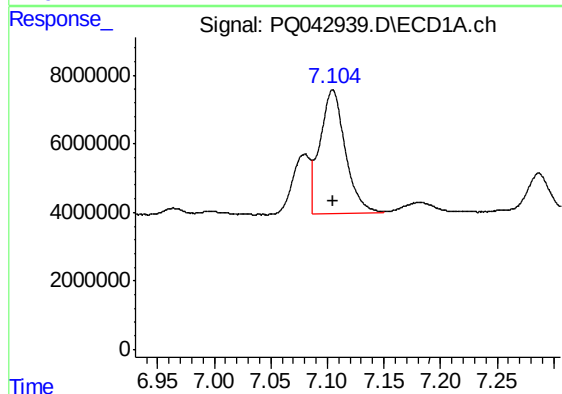
R.T.: 7.080 min
Delta R.T.: -0.001 min
Response: 19345491
Conc: 190.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



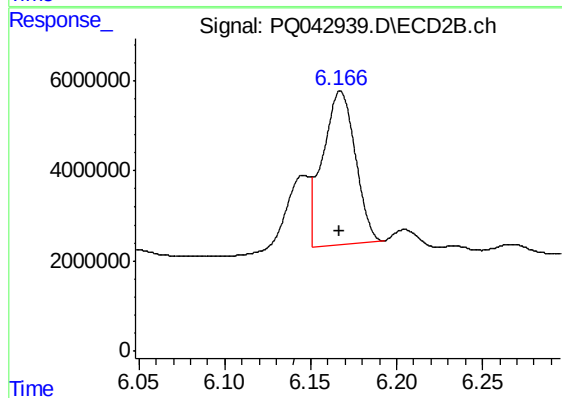
#16 AR-1242-1

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 15645206
Conc: 158.94 ng/ml



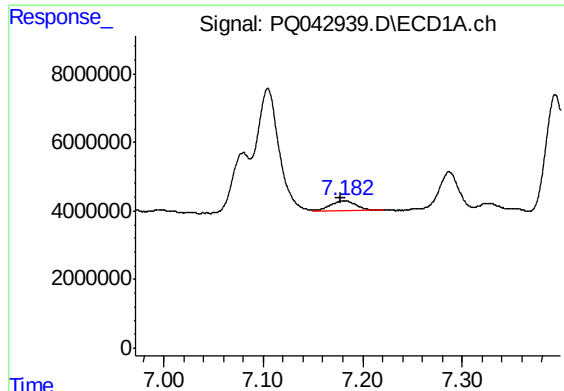
#17 AR-1242-2

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 56168982
Conc: 368.73 ng/ml



#17 AR-1242-2

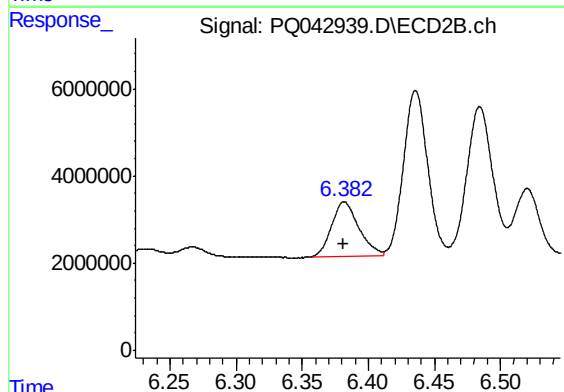
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 44849919
Conc: 301.92 ng/ml



#18 AR-1242-3

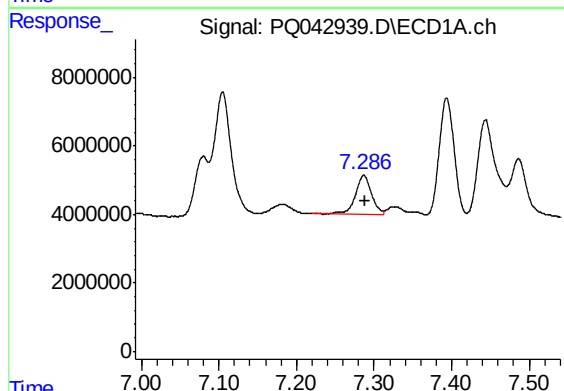
R.T.: 7.182 min
Delta R.T.: 0.005 min
Response: 5036641
Conc: 52.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



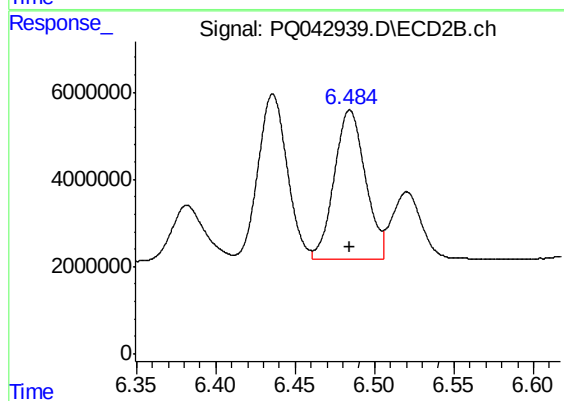
#18 AR-1242-3

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 18101579
Conc: 238.19 ng/ml



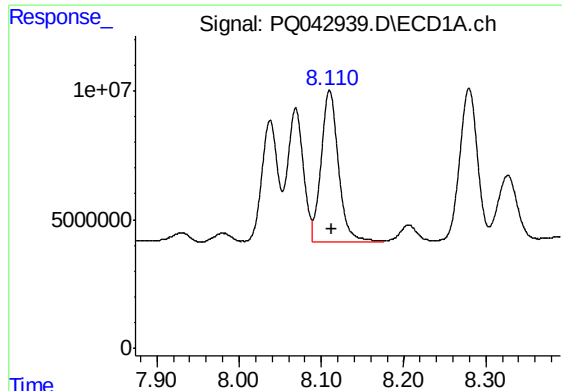
#19 AR-1242-4

R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 16206831
Conc: 210.54 ng/ml



#19 AR-1242-4

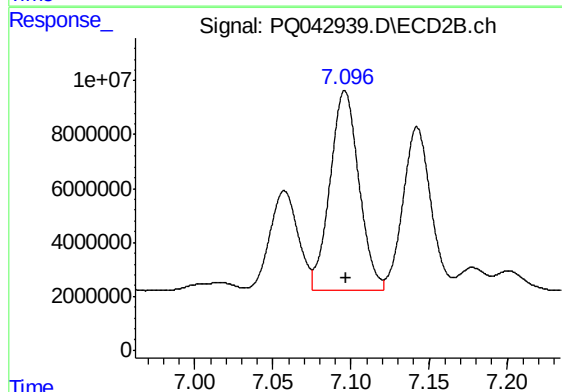
R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 46664192
Conc: 559.44 ng/ml



#20 AR-1242-5

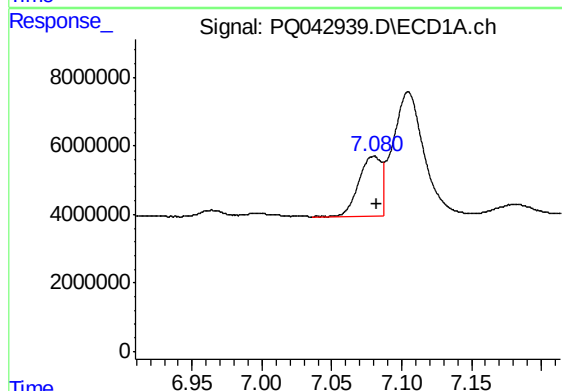
R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 85670940
Conc: 894.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



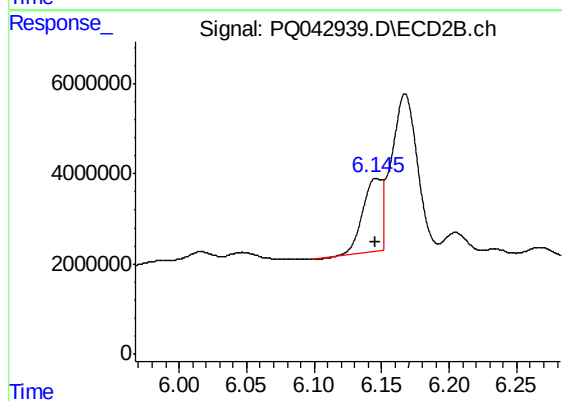
#20 AR-1242-5

R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 95853510
Conc: 841.29 ng/ml



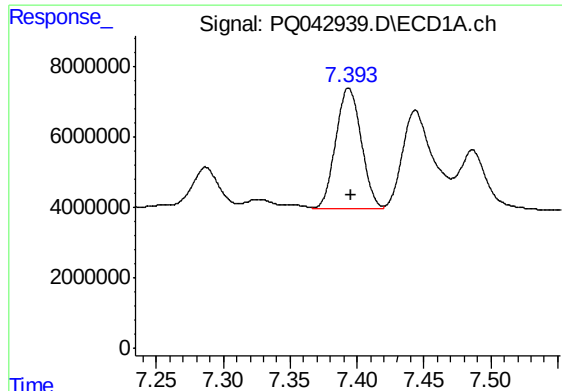
#21 AR-1248-1

R.T.: 7.080 min
Delta R.T.: -0.002 min
Response: 19345491
Conc: 244.73 ng/ml



#21 AR-1248-1

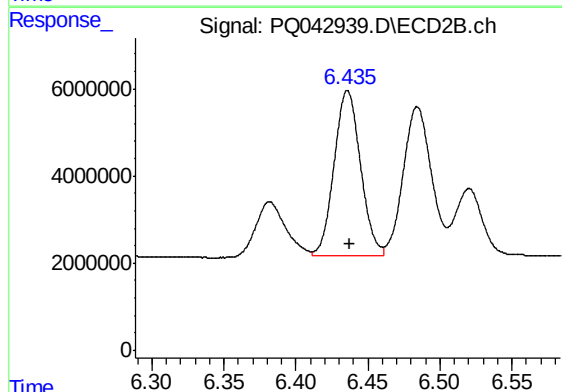
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 15645206
Conc: 197.37 ng/ml



#22 AR-1248-2

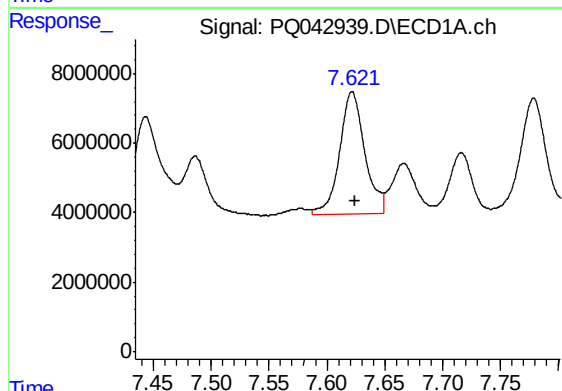
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 45408145
Conc: 401.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



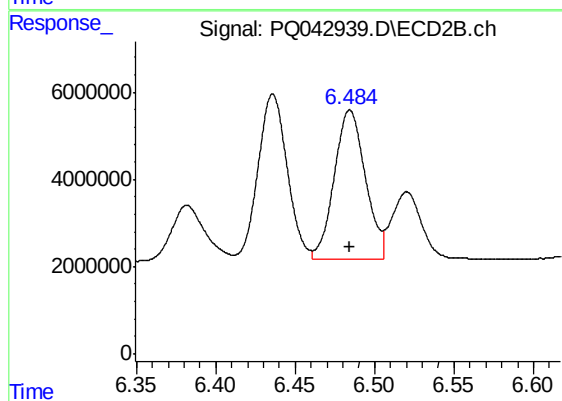
#22 AR-1248-2

R.T.: 6.436 min
Delta R.T.: -0.001 min
Response: 48627196
Conc: 410.78 ng/ml



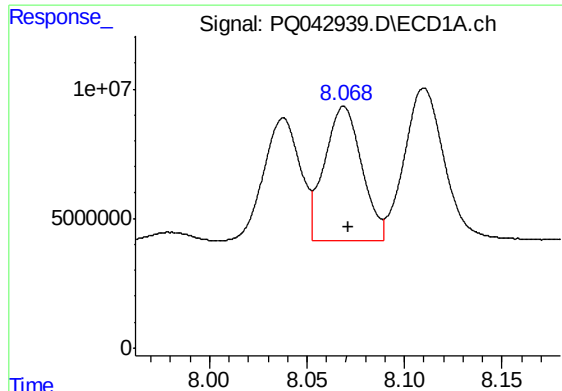
#23 AR-1248-3

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 53279907
Conc: 394.08 ng/ml



#23 AR-1248-3

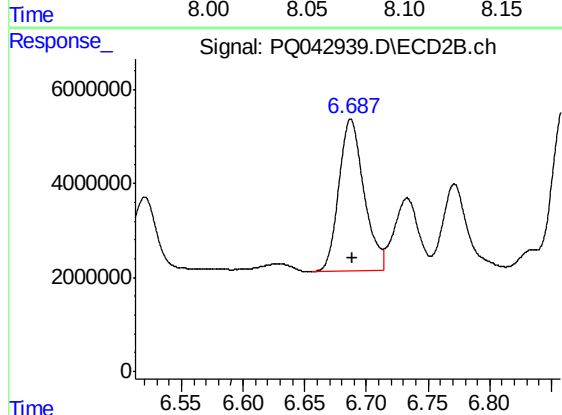
R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 46664192
Conc: 386.34 ng/ml



#24 AR-1248-4

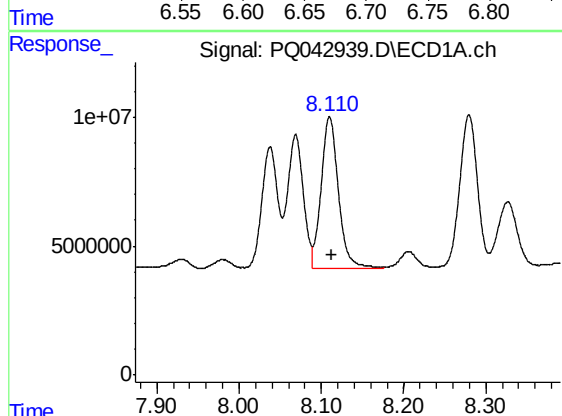
R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 68615282
Conc: 423.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



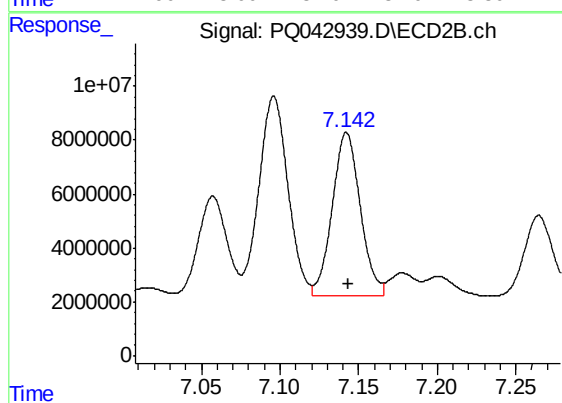
#24 AR-1248-4

R.T.: 6.687 min
Delta R.T.: -0.001 min
Response: 45906348
Conc: 313.46 ng/ml



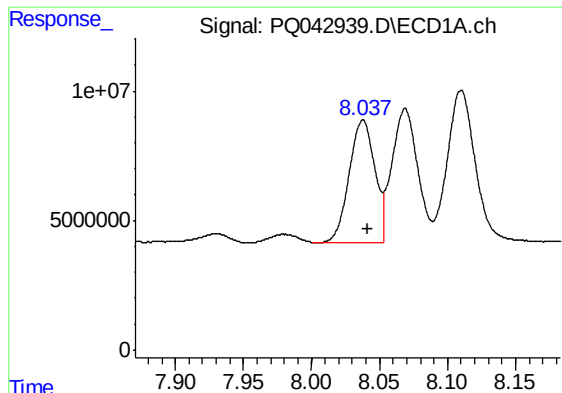
#25 AR-1248-5

R.T.: 8.110 min
Delta R.T.: -0.003 min
Response: 85670940
Conc: 546.67 ng/ml



#25 AR-1248-5

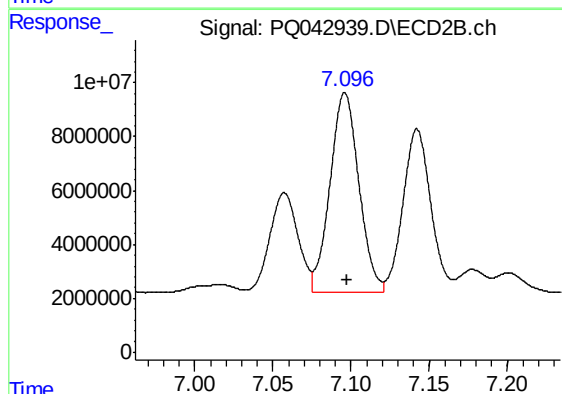
R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 75643688
Conc: 485.64 ng/ml



#26 AR-1254-1

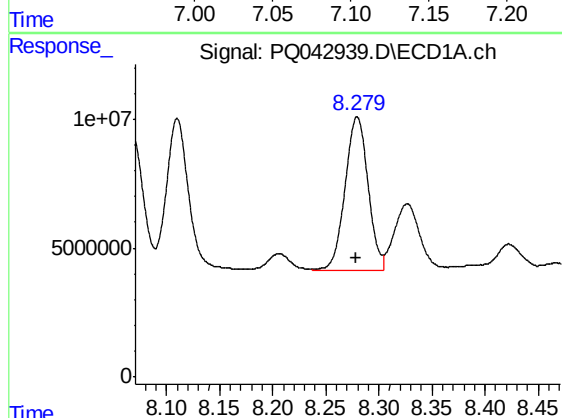
R.T.: 8.038 min
Delta R.T.: -0.004 min
Response: 61852214
Conc: 370.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



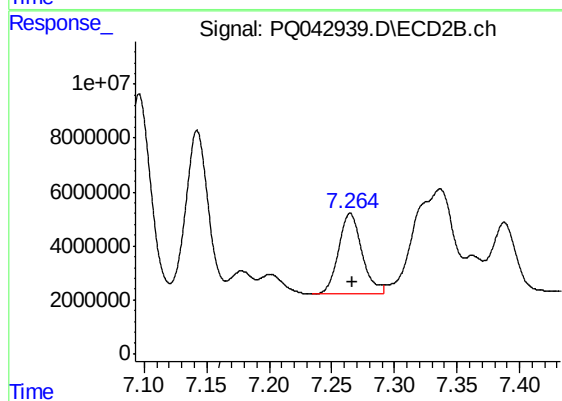
#26 AR-1254-1

R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 95853510
Conc: 390.84 ng/ml



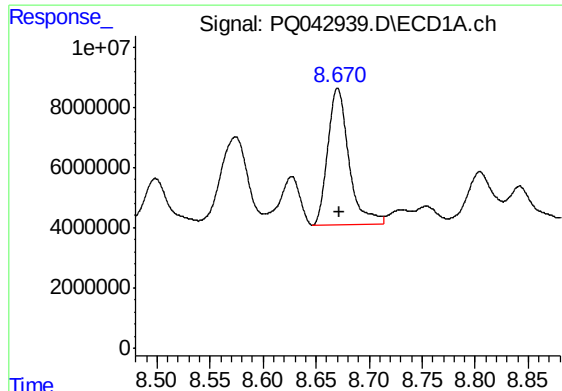
#27 AR-1254-2

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 90342428
Conc: 335.91 ng/ml



#27 AR-1254-2

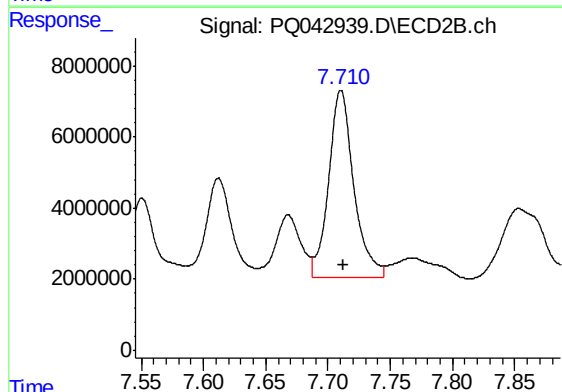
R.T.: 7.265 min
Delta R.T.: -0.001 min
Response: 38829164
Conc: 174.09 ng/ml



#28 AR-1254-3

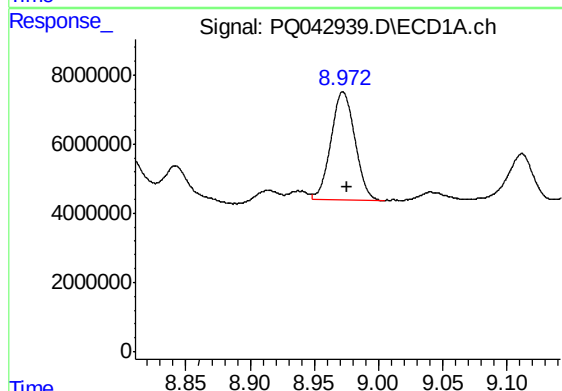
R.T.: 8.670 min
Delta R.T.: -0.002 min
Response: 62575988
Conc: 207.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



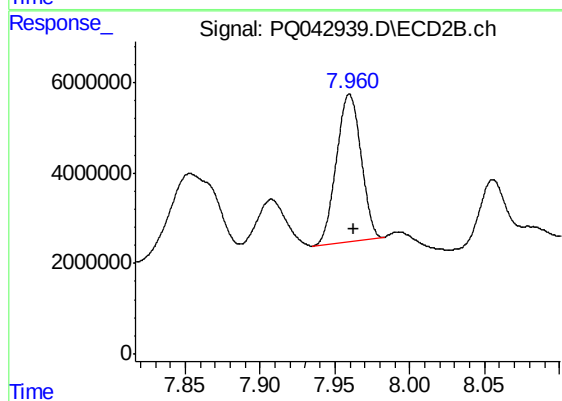
#28 AR-1254-3

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 74171841
Conc: 197.33 ng/ml



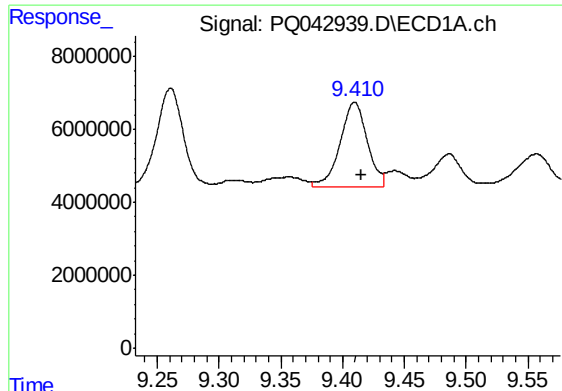
#29 AR-1254-4

R.T.: 8.972 min
Delta R.T.: -0.003 min
Response: 41018625
Conc: 180.05 ng/ml



#29 AR-1254-4

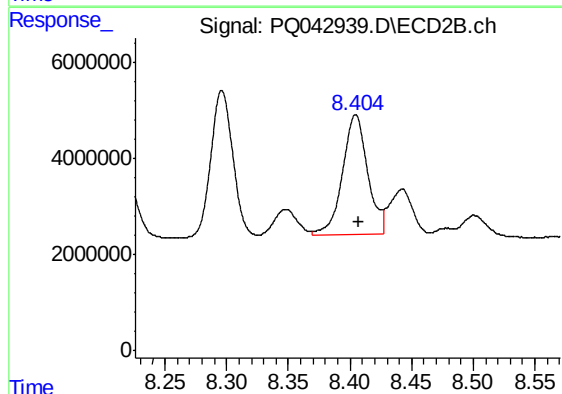
R.T.: 7.960 min
Delta R.T.: -0.002 min
Response: 37387930
Conc: 154.62 ng/ml



#30 AR-1254-5

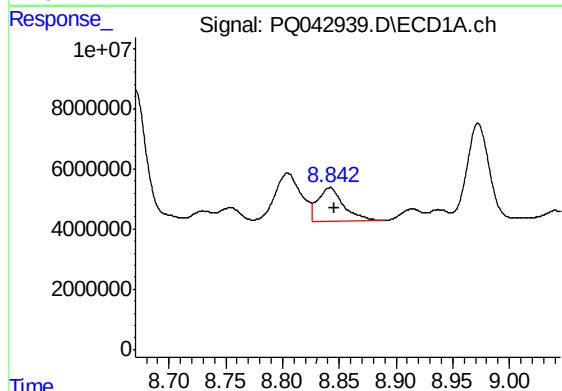
R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 35524685
Conc: 131.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



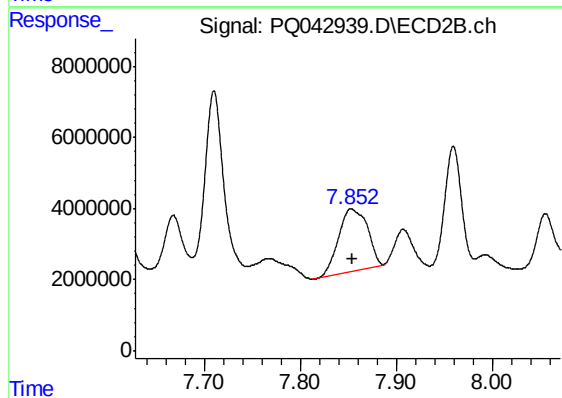
#30 AR-1254-5

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 35406781
Conc: 95.94 ng/ml



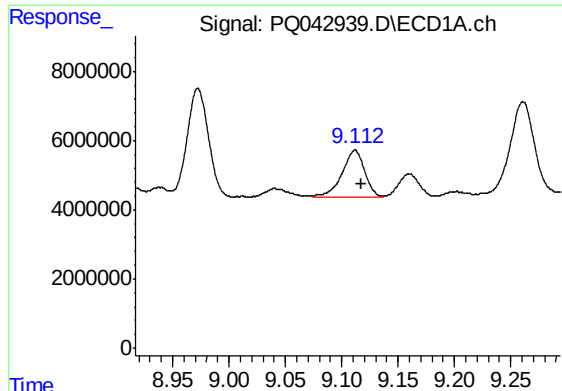
#31 AR-1260-1

R.T.: 8.842 min
Delta R.T.: -0.004 min
Response: 18093088
Conc: 100.99 ng/ml



#31 AR-1260-1

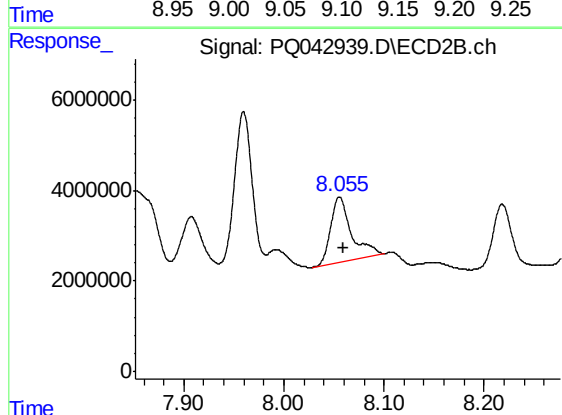
R.T.: 7.853 min
Delta R.T.: -0.002 min
Response: 36346480
Conc: 187.48 ng/ml



#32 AR-1260-2

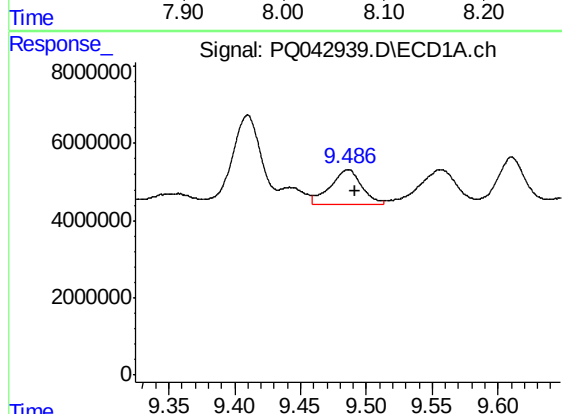
R.T.: 9.112 min
Delta R.T.: -0.006 min
Response: 18509379
Conc: 78.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



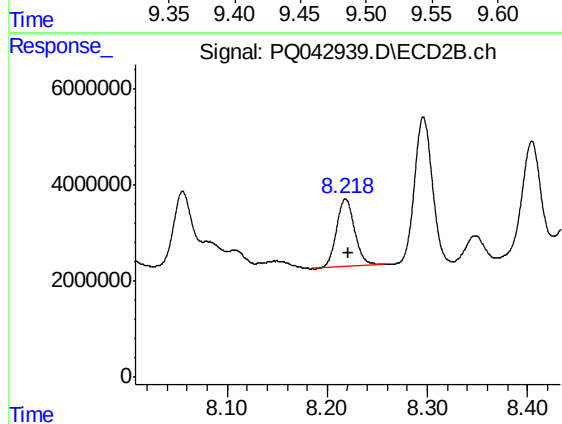
#32 AR-1260-2

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 20499128
Conc: 80.52 ng/ml



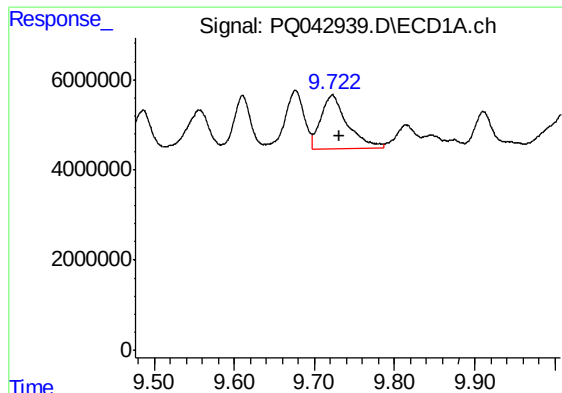
#33 AR-1260-3

R.T.: 9.486 min
Delta R.T.: -0.005 min
Response: 14596432
Conc: 68.31 ng/ml



#33 AR-1260-3

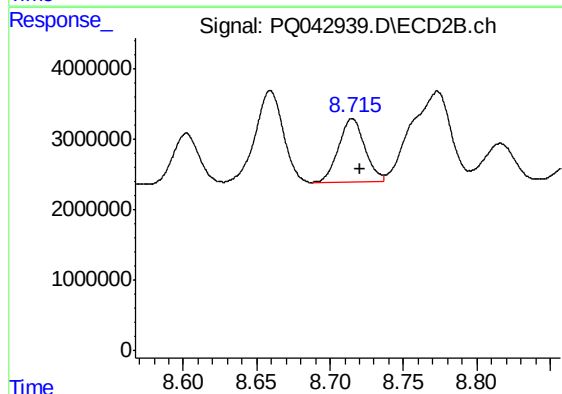
R.T.: 8.218 min
Delta R.T.: -0.004 min
Response: 17720671
Conc: 77.78 ng/ml



#34 AR-1260-4

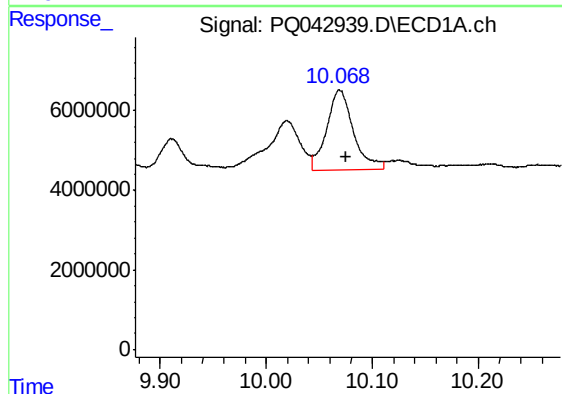
R.T.: 9.722 min
Delta R.T.: -0.009 min
Response: 27700458
Conc: 117.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



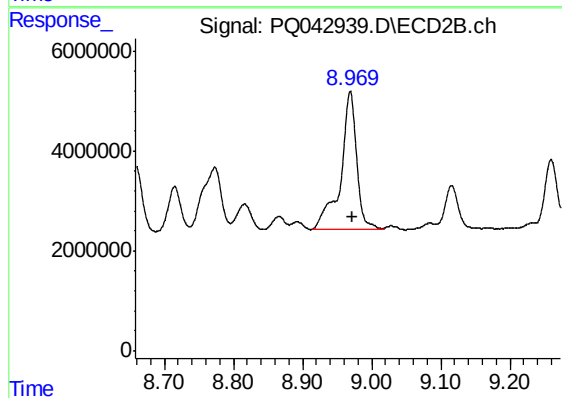
#34 AR-1260-4

R.T.: 8.715 min
Delta R.T.: -0.005 min
Response: 11122203
Conc: 51.55 ng/ml



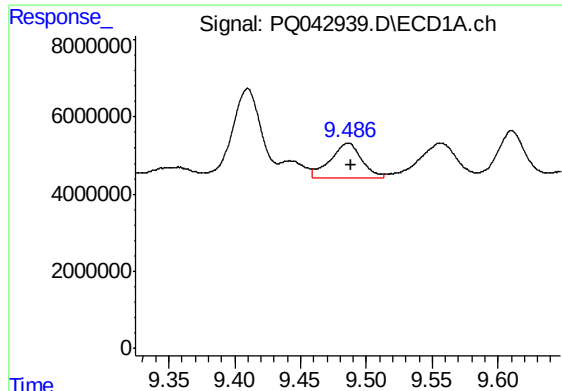
#35 AR-1260-5

R.T.: 10.069 min
Delta R.T.: -0.006 min
Response: 35259033
Conc: 61.87 ng/ml



#35 AR-1260-5

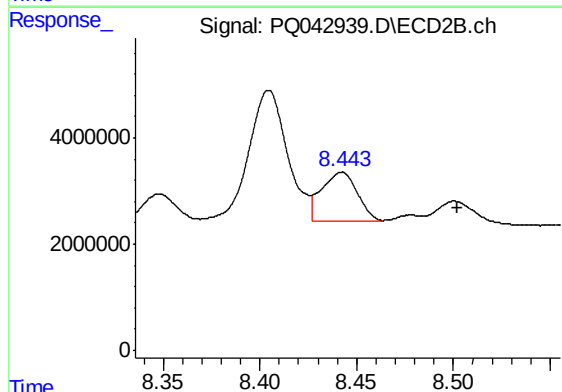
R.T.: 8.969 min
Delta R.T.: -0.003 min
Response: 44409006
Conc: 76.16 ng/ml



#36 AR-1262-1

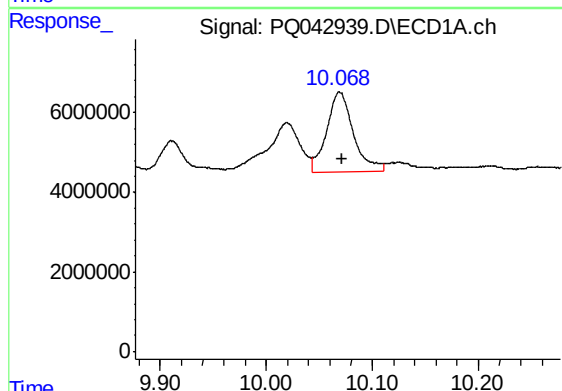
R.T.: 9.486 min
Delta R.T.: -0.002 min
Response: 14596432
Conc: 36.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



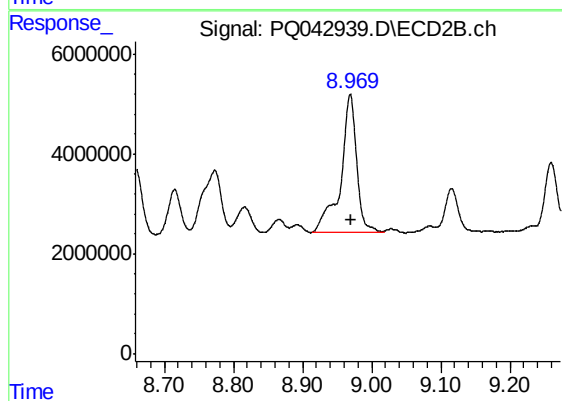
#36 AR-1262-1

R.T.: 8.443 min
Delta R.T.: -0.059 min
Response: 11916539
Conc: 64.33 ng/ml



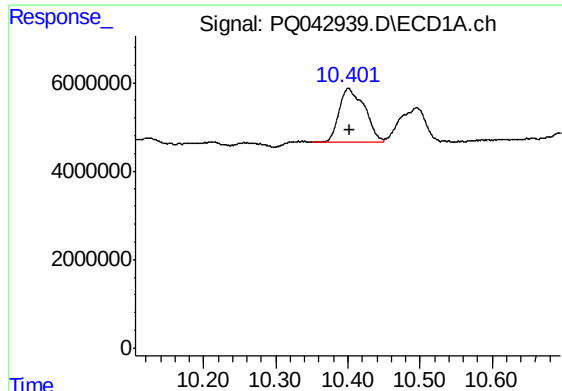
#37 AR-1262-2

R.T.: 10.069 min
Delta R.T.: -0.003 min
Response: 35259033
Conc: 44.08 ng/ml



#37 AR-1262-2

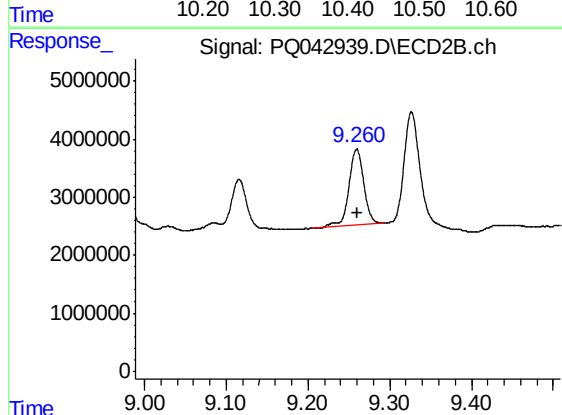
R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 44409006
Conc: 51.41 ng/ml



#38 AR-1262-3

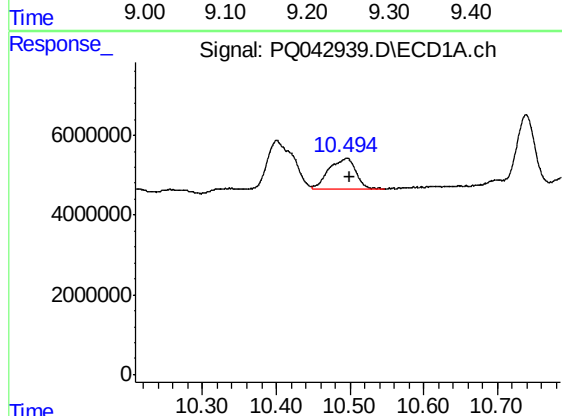
R.T.: 10.401 min
Delta R.T.: -0.002 min
Response: 30075582
Conc: 50.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



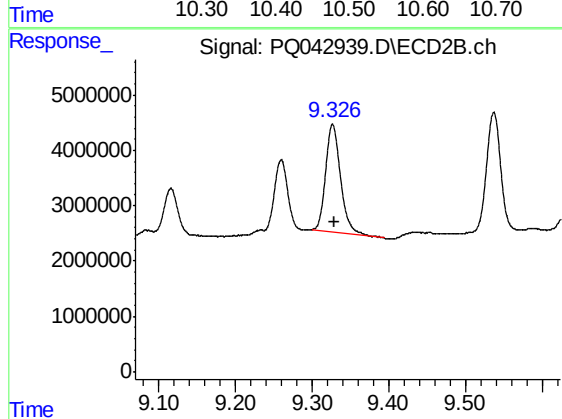
#38 AR-1262-3

R.T.: 9.260 min
Delta R.T.: -0.001 min
Response: 16434808
Conc: 43.87 ng/ml



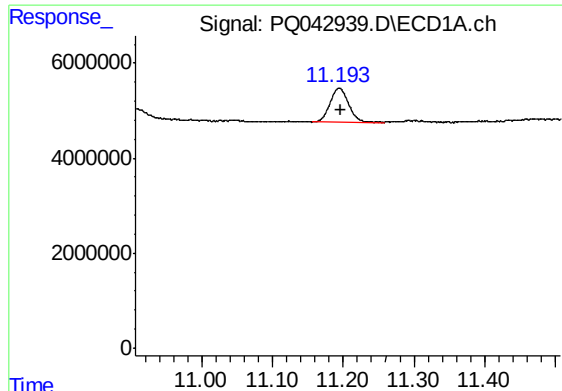
#39 AR-1262-4

R.T.: 10.495 min
Delta R.T.: -0.005 min
Response: 19691715
Conc: 39.54 ng/ml



#39 AR-1262-4

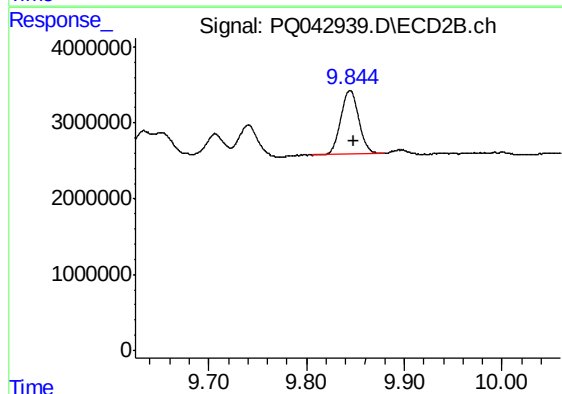
R.T.: 9.327 min
Delta R.T.: -0.003 min
Response: 26419434
Conc: 38.48 ng/ml



#40 AR-1262-5

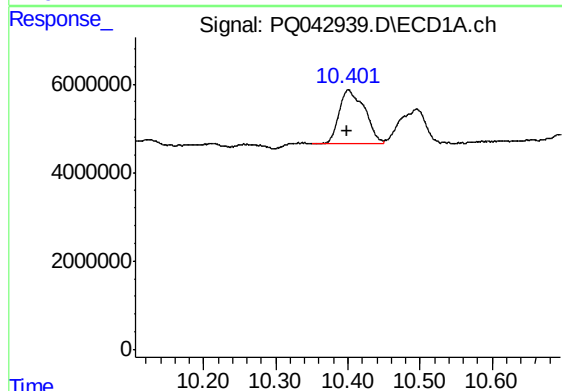
R.T.: 11.194 min
Delta R.T.: -0.003 min
Response: 13049185
Conc: 34.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



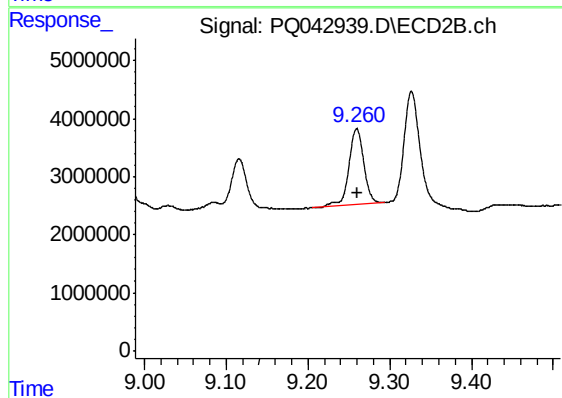
#40 AR-1262-5

R.T.: 9.845 min
Delta R.T.: -0.003 min
Response: 10745632
Conc: 32.70 ng/ml



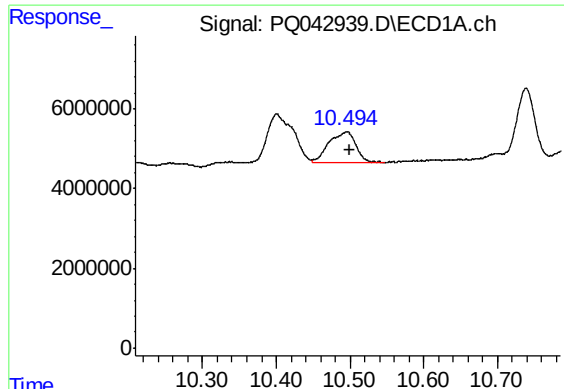
#41 AR-1268-1

R.T.: 10.401 min
Delta R.T.: 0.000 min
Response: 30075582
Conc: 27.99 ng/ml



#41 AR-1268-1

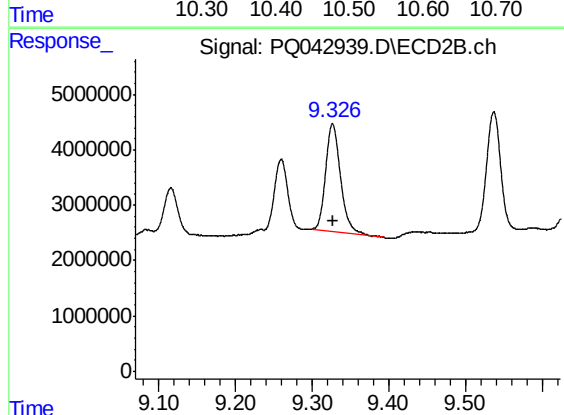
R.T.: 9.260 min
Delta R.T.: -0.001 min
Response: 16434808
Conc: 15.36 ng/ml



#42 AR-1268-2

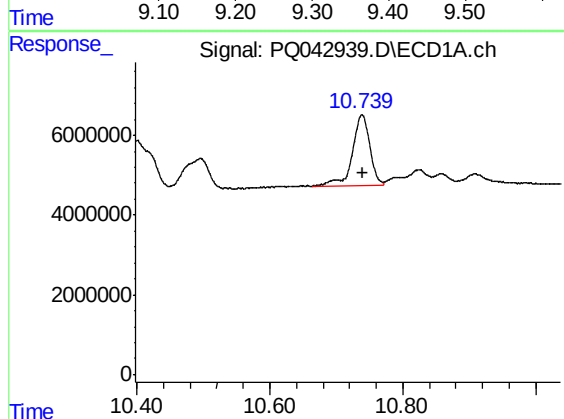
R.T.: 10.495 min
Delta R.T.: -0.004 min
Response: 19691715
Conc: 18.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



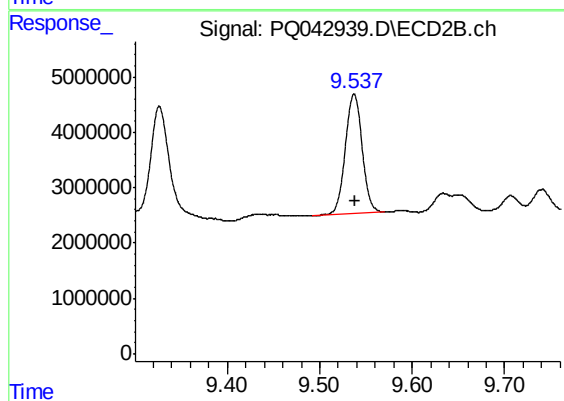
#42 AR-1268-2

R.T.: 9.327 min
Delta R.T.: -0.002 min
Response: 26419434
Conc: 25.71 ng/ml



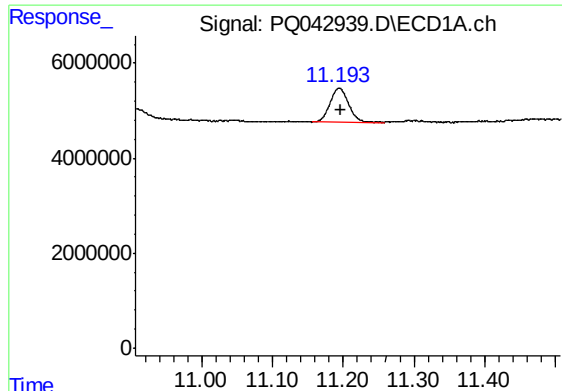
#43 AR-1268-3

R.T.: 10.739 min
Delta R.T.: -0.001 min
Response: 33107563
Conc: 34.58 ng/ml



#43 AR-1268-3

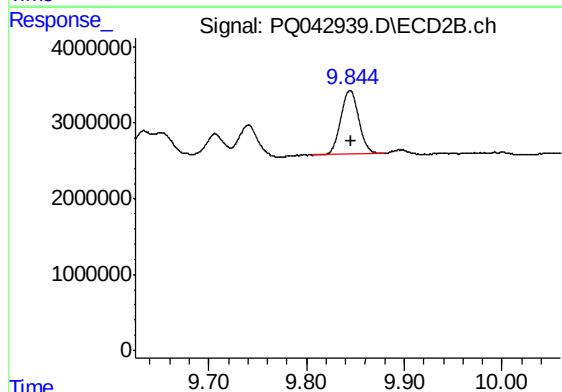
R.T.: 9.537 min
Delta R.T.: 0.000 min
Response: 27171328
Conc: 30.80 ng/ml



#44 AR-1268-4

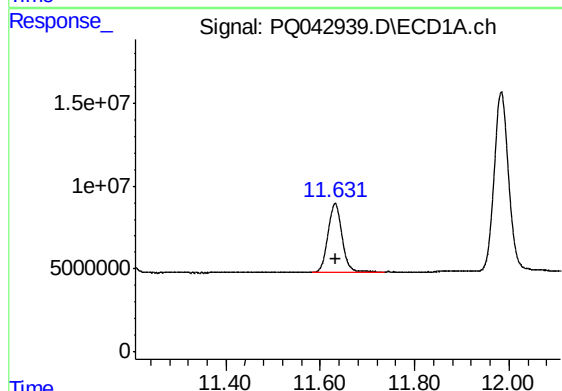
R.T.: 11.194 min
Delta R.T.: -0.002 min
Response: 13049185
Conc: 32.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ86



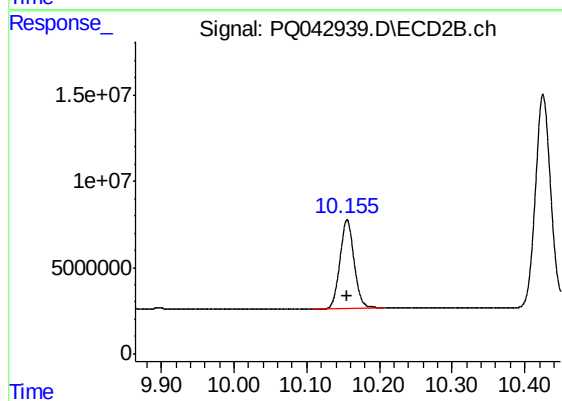
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: -0.001 min
Response: 10745632
Conc: 30.16 ng/ml



#45 AR-1268-5

R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 85444340
Conc: 25.60 ng/ml



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 69177016
Conc: 24.74 ng/ml