

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042828.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2019 00:03
 Operator : SM\AJ
 Sample : K4503-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ97

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:41:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.623	4.687	55802139	52927564	18.799	21.119
2)	SA Decachlor...	11.973	10.414	263.5E6	220.6E6	34.912	36.120
Target Compounds							
3)	L1 AR-1016-1	7.062	6.132	7807838	7531418	64.163	65.405
4)	L1 AR-1016-2	7.125	6.132	3343938	7531418	18.170	46.916 #
5)	L1 AR-1016-3	7.125	6.430	3343938	4607296	26.893	53.734 #
6)	L1 AR-1016-4	7.270	6.430	3548707	4607296	40.160	63.805 #
7)	L1 AR-1016-5	7.587	6.685	123.1E6	27648120	1455.657	308.690 #
9)	L2 AR-1221-2	6.014	0.000	109558	0	4.497	N.D. #
12)	L3 AR-1232-2	6.716	6.132	1298734	7531418	35.284	98.592 #
13)	L3 AR-1232-3	7.125	6.430	3343938	4607296	40.001	113.548 #
14)	L3 AR-1232-4	7.270	6.430	3548707	4607296	87.036	115.812 #
15)	L3 AR-1232-5	7.370	6.685	297304	27648120	12.155	697.213 #
16)	L4 AR-1242-1	7.062	6.132	7807838	7531418	74.816	72.908
17)	L4 AR-1242-2	7.125	6.132	3343938	7531418	21.953	53.147 #
18)	L4 AR-1242-3	7.125	6.430	3343938	4607296	32.811	60.876 #
19)	L4 AR-1242-4	7.270	6.430	3548707	4607296	46.140	60.167 #
20)	L4 AR-1242-5	8.124	7.077	17782654	56688843	188.466	505.717 #
21)	L5 AR-1248-1	7.062	6.132	7807838	7531418	93.646	91.622
22)	L5 AR-1248-2	7.370	6.430	297304	4607296	2.911	41.822 #
23)	L5 AR-1248-3	7.587	6.430	123.1E6	4607296	970.099	40.883 #
24)	L5 AR-1248-4	8.064	6.685	158.7E6	27648120	957.329	202.378 #
25)	L5 AR-1248-5	8.124	7.137	17782654	10146354	111.693	64.452 #
26)	L6 AR-1254-1	8.005	7.077	6142560	56688843	41.863	251.230 #
27)	L6 AR-1254-2	8.268	7.246	12046075	5234603	50.218	25.888 #
28)	L6 AR-1254-3	8.671	7.722	11522890	8907752	40.418	25.296 #
29)	L6 AR-1254-4	8.941	7.998	1008576	3080945	4.230	12.006 #
30)	L6 AR-1254-5	9.419	8.394	10310066	6355486	39.931	17.490 #
31)	L7 AR-1260-1	8.830	7.852	2450603	4247665	13.901	20.819 #
32)	L7 AR-1260-2	9.100	7.998	16377491	3080945	68.138	11.501 #
33)	L7 AR-1260-3	9.466	0.000	2794614	0	12.926	N.D. #
34)	L7 AR-1260-4	9.717	0.000	409113	0	1.685	N.D. #
35)	L7 AR-1260-5	10.057	0.000	2375128	0	4.001	N.D. #
36)	L8 AR-1262-1	9.546	8.428	336845	5328591	2.337	31.128 #
37)	L8 AR-1262-2	10.057	0.000	2375128	0	3.157	N.D. #
38)	L8 AR-1262-3	10.394	0.000	1264078	0	2.350	N.D. #
39)	L8 AR-1262-4	10.482	0.000	1791677	0	4.121	N.D. #
40)	L8 AR-1262-5	11.182	0.000	3475746	0	10.133	N.D. #
41)	L9 AR-1268-1	10.394	0.000	1264078	0	1.322	N.D. #
42)	L9 AR-1268-2	10.482	0.000	1791677	0	1.924	N.D. #
43)	L9 AR-1268-3	10.727	9.527	5981718	4677817	7.382	5.873
44)	L9 AR-1268-4	11.182	0.000	3475746	0	9.367	N.D. #
45)	L9 AR-1268-5	11.621	10.147	6353914	3561916	2.245	1.390 #

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Sample : K4503-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:41:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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

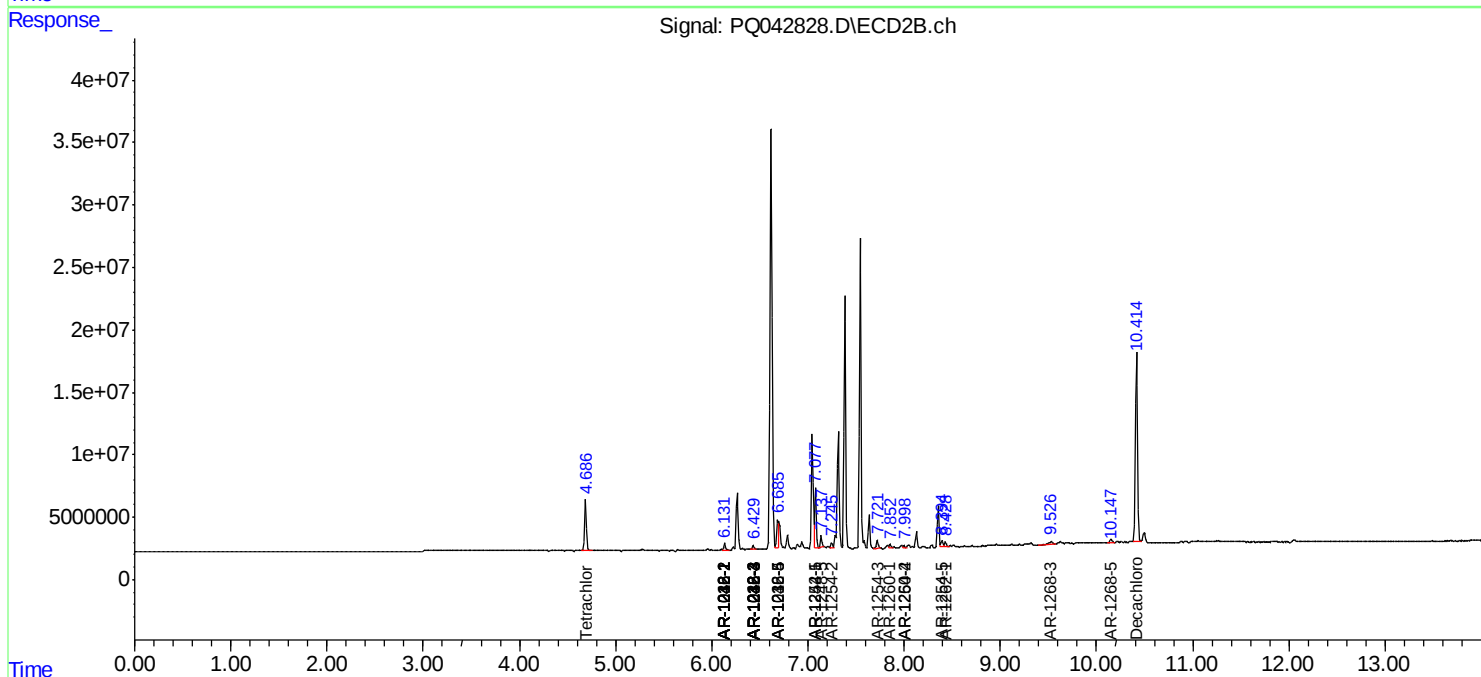
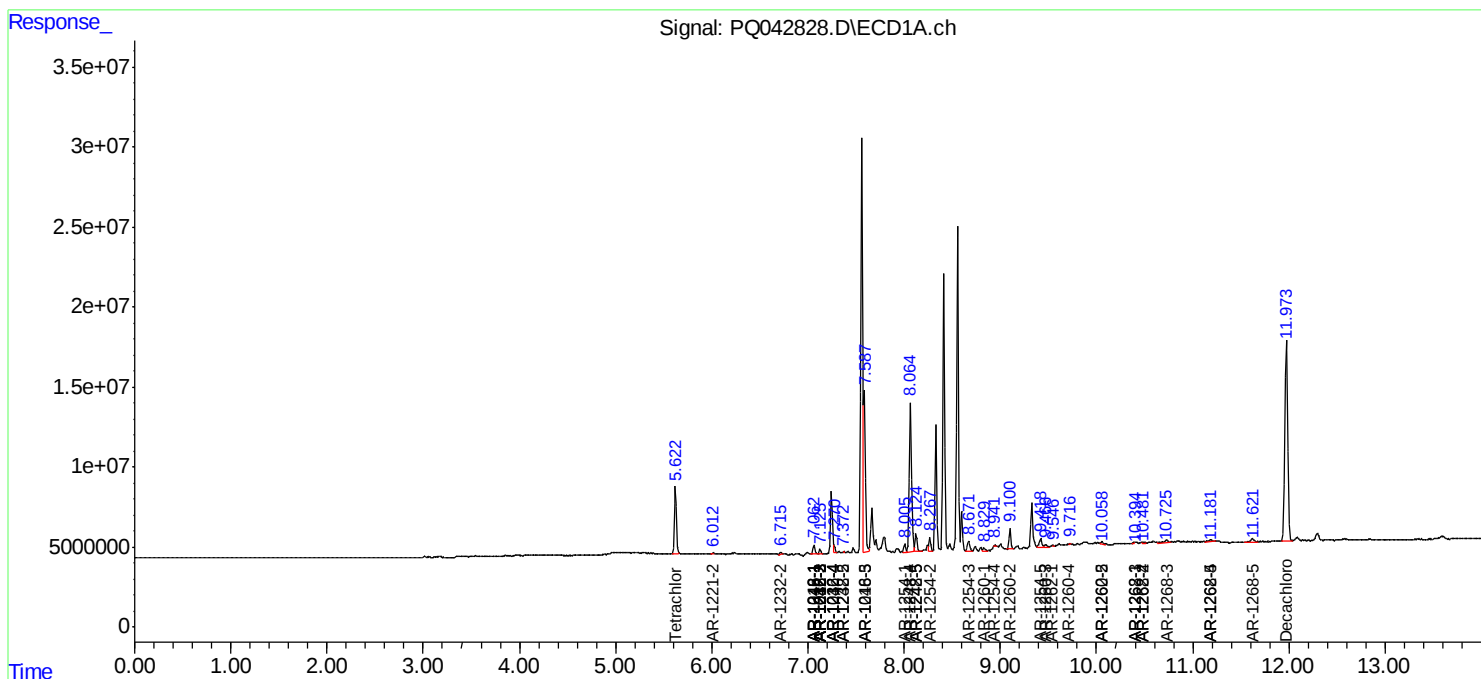
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

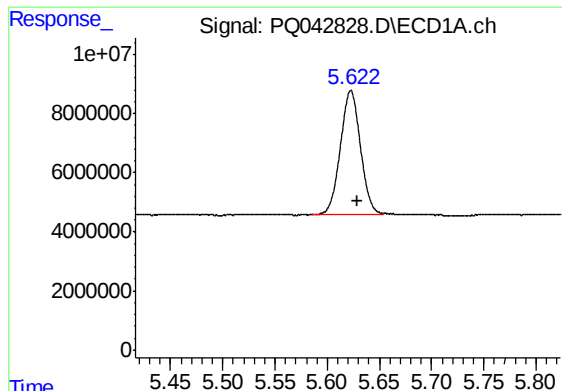
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
Data File : PQ042828.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2019 00:03
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Sample : K4503-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

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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

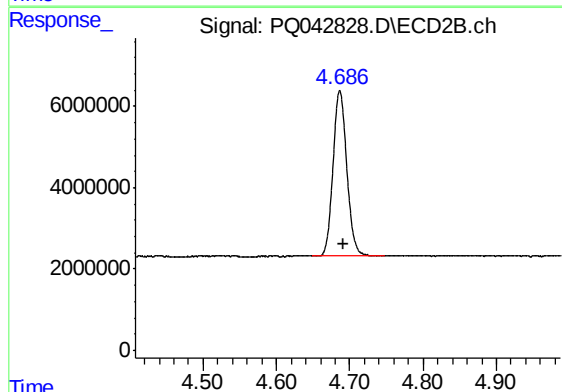




#1 Tetrachloro-m-xylene

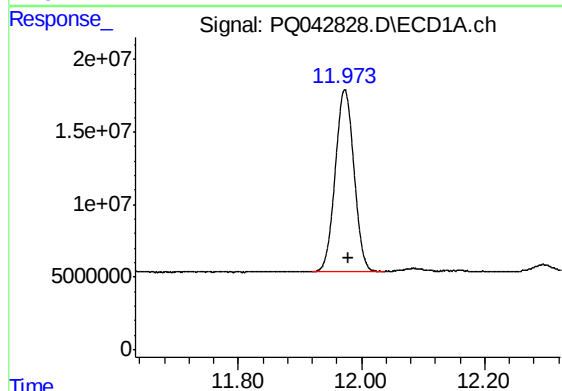
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 55802139
Conc: 18.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



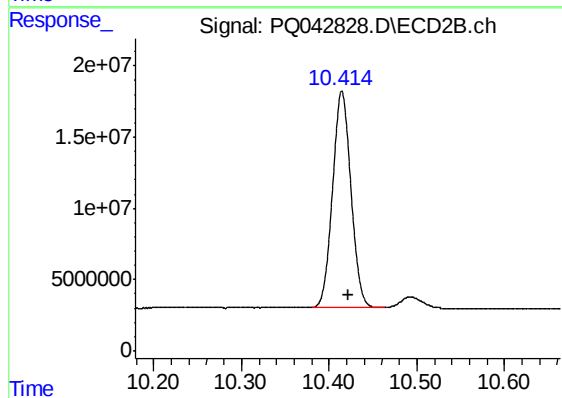
#1 Tetrachloro-m-xylene

R.T.: 4.687 min
Delta R.T.: -0.005 min
Response: 52927564
Conc: 21.12 ng/ml



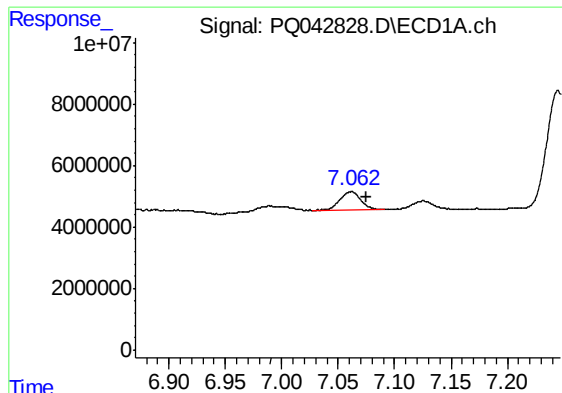
#2 Decachlorobiphenyl

R.T.: 11.973 min
Delta R.T.: -0.006 min
Response: 263542282
Conc: 34.91 ng/ml



#2 Decachlorobiphenyl

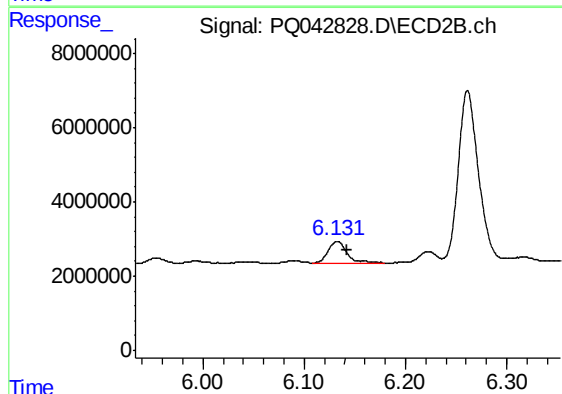
R.T.: 10.414 min
Delta R.T.: -0.008 min
Response: 220567233
Conc: 36.12 ng/ml



#3 AR-1016-1

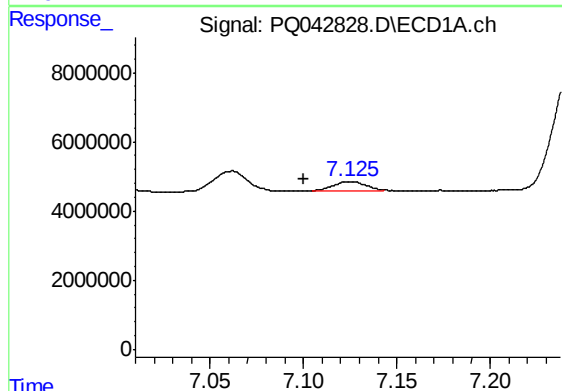
R.T.: 7.062 min
Delta R.T.: -0.012 min
Response: 7807838
Conc: 64.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



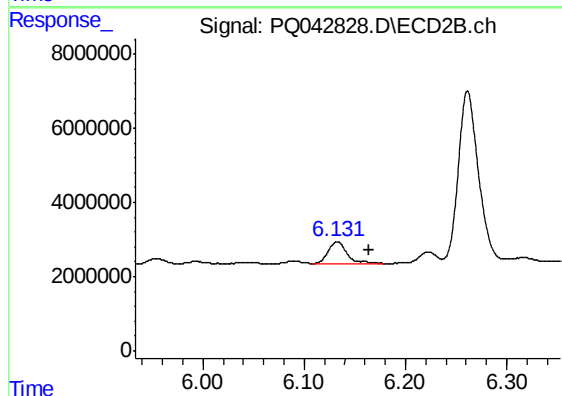
#3 AR-1016-1

R.T.: 6.132 min
Delta R.T.: -0.011 min
Response: 7531418
Conc: 65.40 ng/ml



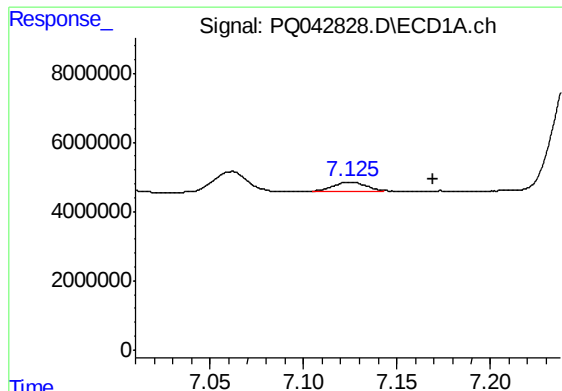
#4 AR-1016-2

R.T.: 7.125 min
Delta R.T.: 0.025 min
Response: 3343938
Conc: 18.17 ng/ml



#4 AR-1016-2

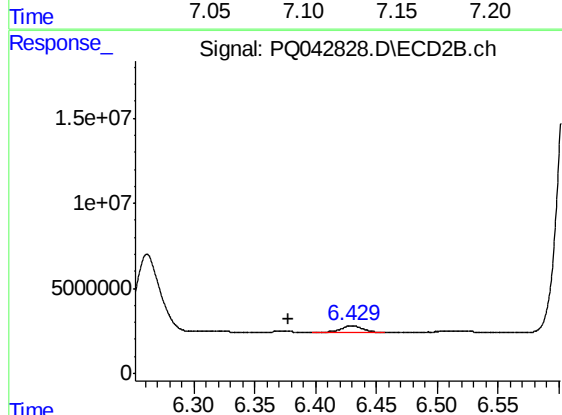
R.T.: 6.132 min
Delta R.T.: -0.032 min
Response: 7531418
Conc: 46.92 ng/ml



#5 AR-1016-3

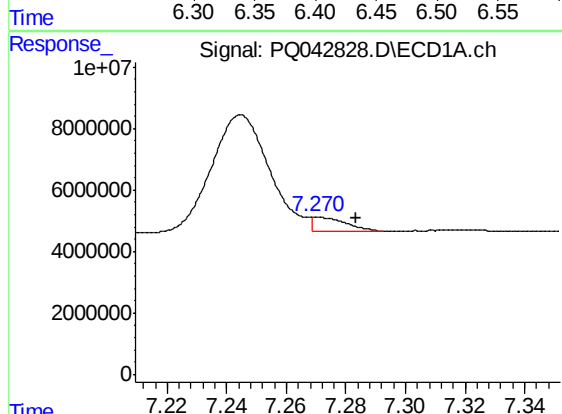
R.T.: 7.125 min
Delta R.T.: -0.044 min
Response: 3343938
Conc: 26.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



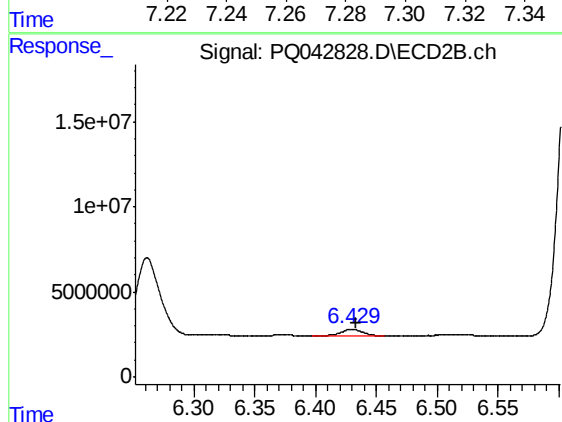
#5 AR-1016-3

R.T.: 6.430 min
Delta R.T.: 0.052 min
Response: 4607296
Conc: 53.73 ng/ml



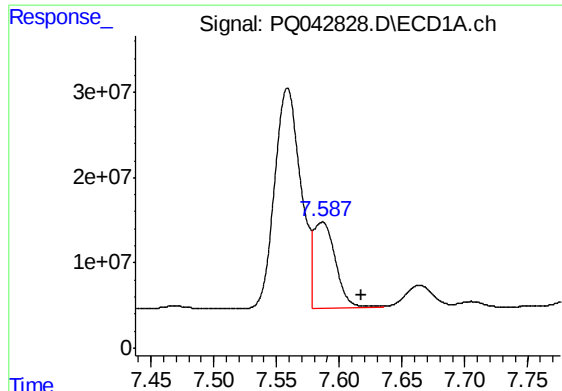
#6 AR-1016-4

R.T.: 7.270 min
Delta R.T.: -0.014 min
Response: 3548707
Conc: 40.16 ng/ml



#6 AR-1016-4

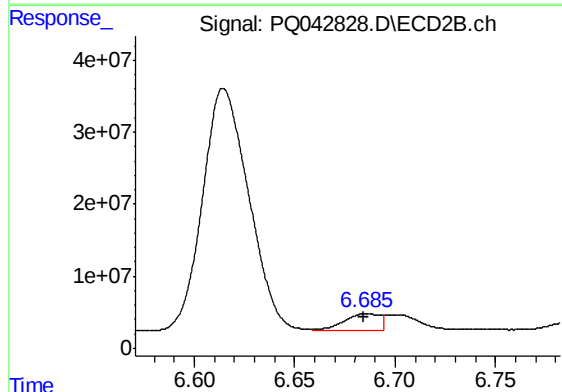
R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 4607296
Conc: 63.80 ng/ml



#7 AR-1016-5

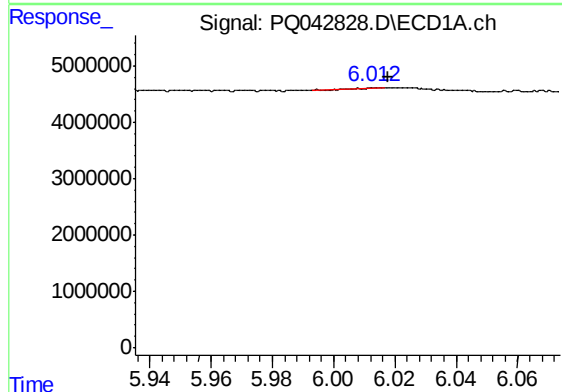
R.T.: 7.587 min
Delta R.T.: -0.030 min
Response: 123104553
Conc: 1455.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



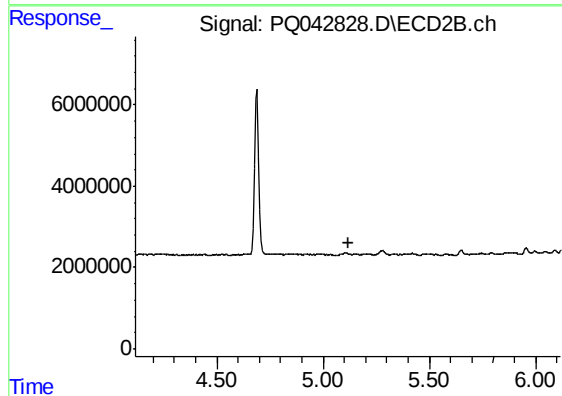
#7 AR-1016-5

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 27648120
Conc: 308.69 ng/ml



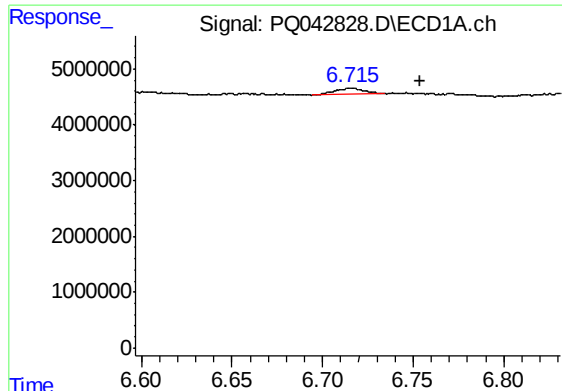
#9 AR-1221-2

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 109558
Conc: 4.50 ng/ml



#9 AR-1221-2

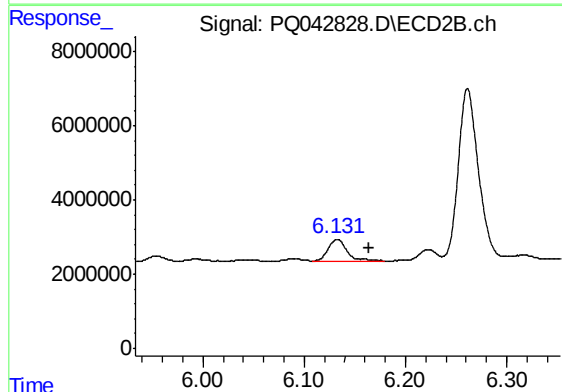
R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



#12 AR-1232-2

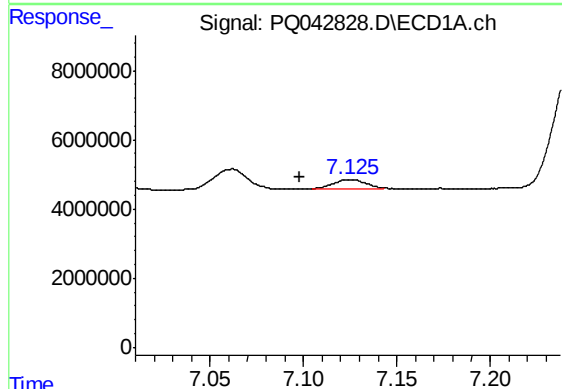
R.T.: 6.716 min
Delta R.T.: -0.038 min
Response: 1298734
Conc: 35.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



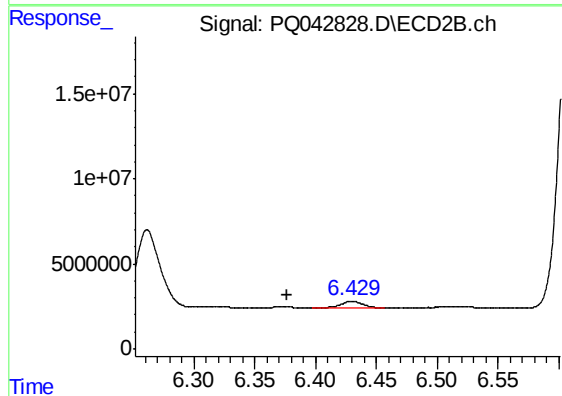
#12 AR-1232-2

R.T.: 6.132 min
Delta R.T.: -0.031 min
Response: 7531418
Conc: 98.59 ng/ml



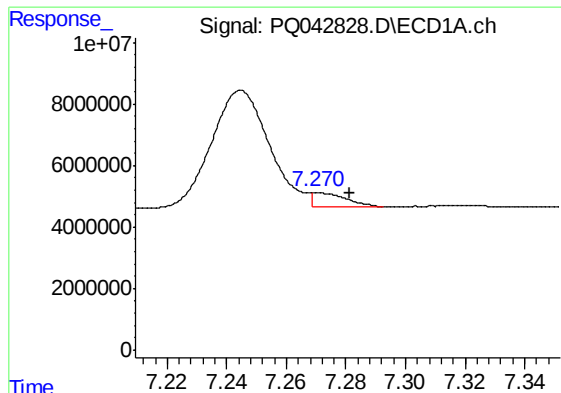
#13 AR-1232-3

R.T.: 7.125 min
Delta R.T.: 0.027 min
Response: 3343938
Conc: 40.00 ng/ml



#13 AR-1232-3

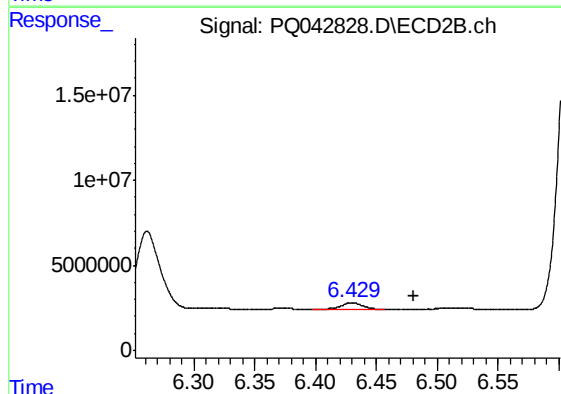
R.T.: 6.430 min
Delta R.T.: 0.053 min
Response: 4607296
Conc: 113.55 ng/ml



#14 AR-1232-4

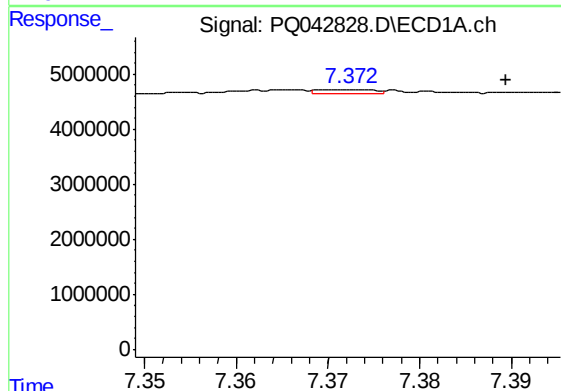
R.T.: 7.270 min
Delta R.T.: -0.012 min
Response: 3548707
Conc: 87.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



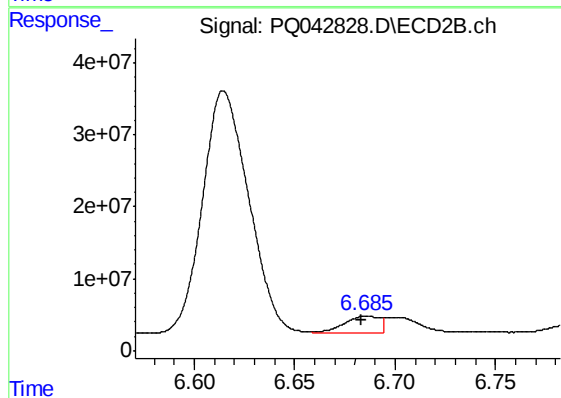
#14 AR-1232-4

R.T.: 6.430 min
Delta R.T.: -0.051 min
Response: 4607296
Conc: 115.81 ng/ml



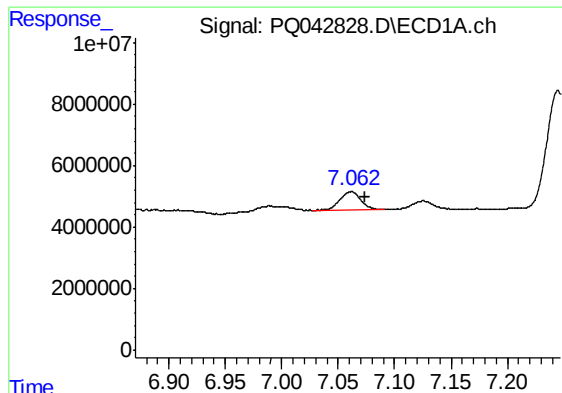
#15 AR-1232-5

R.T.: 7.370 min
Delta R.T.: -0.019 min
Response: 297304
Conc: 12.16 ng/ml



#15 AR-1232-5

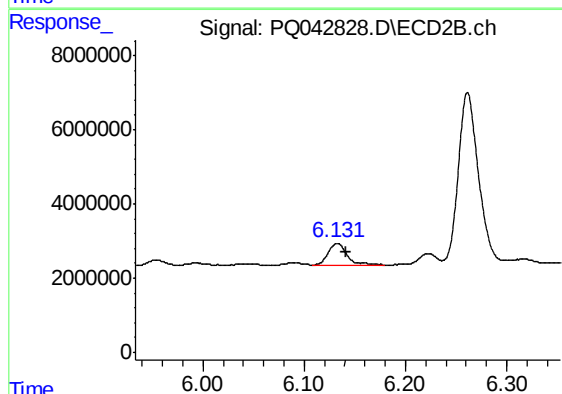
R.T.: 6.685 min
Delta R.T.: 0.002 min
Response: 27648120
Conc: 697.21 ng/ml



#16 AR-1242-1

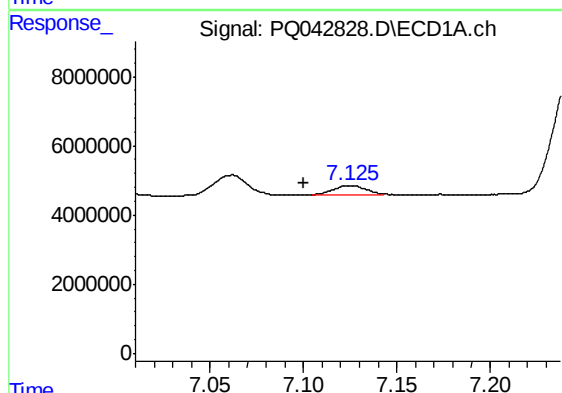
R.T.: 7.062 min
Delta R.T.: -0.012 min
Response: 7807838
Conc: 74.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



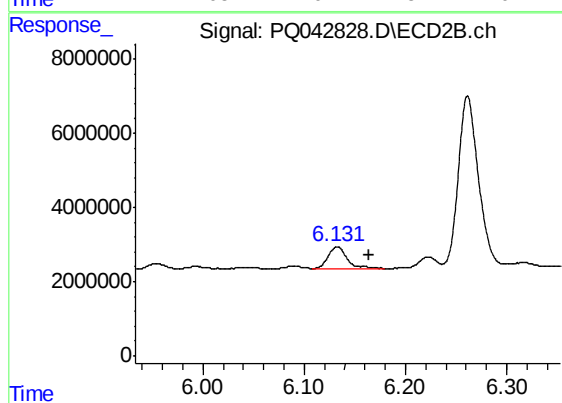
#16 AR-1242-1

R.T.: 6.132 min
Delta R.T.: -0.009 min
Response: 7531418
Conc: 72.91 ng/ml



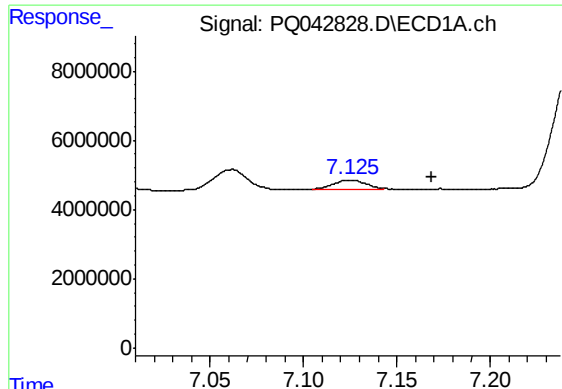
#17 AR-1242-2

R.T.: 7.125 min
Delta R.T.: 0.025 min
Response: 3343938
Conc: 21.95 ng/ml



#17 AR-1242-2

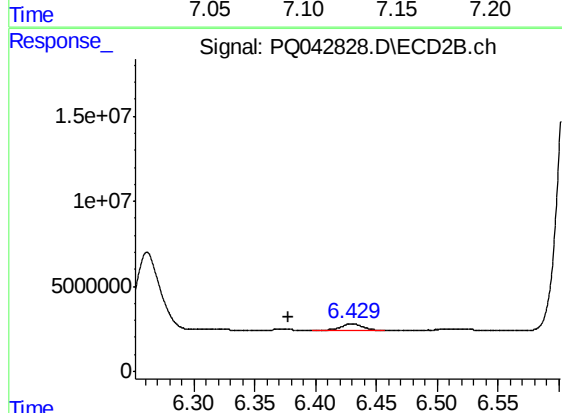
R.T.: 6.132 min
Delta R.T.: -0.031 min
Response: 7531418
Conc: 53.15 ng/ml



#18 AR-1242-3

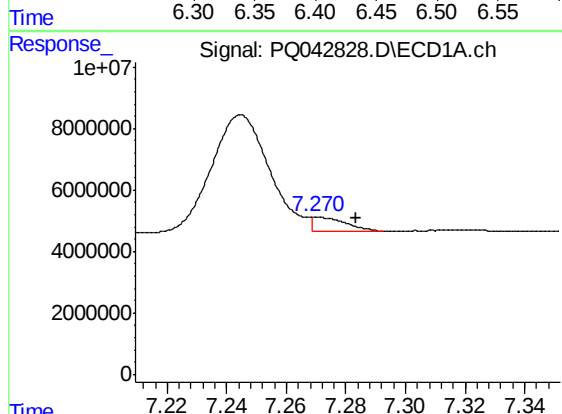
R.T.: 7.125 min
Delta R.T.: -0.043 min
Response: 3343938
Conc: 32.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



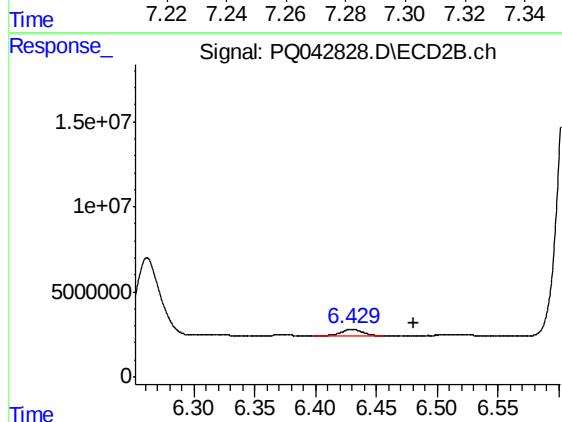
#18 AR-1242-3

R.T.: 6.430 min
Delta R.T.: 0.053 min
Response: 4607296
Conc: 60.88 ng/ml



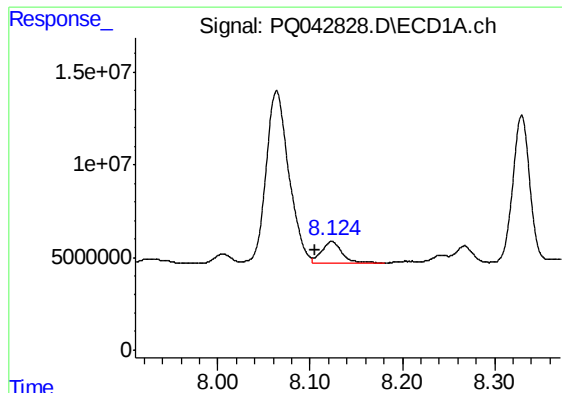
#19 AR-1242-4

R.T.: 7.270 min
Delta R.T.: -0.014 min
Response: 3548707
Conc: 46.14 ng/ml



#19 AR-1242-4

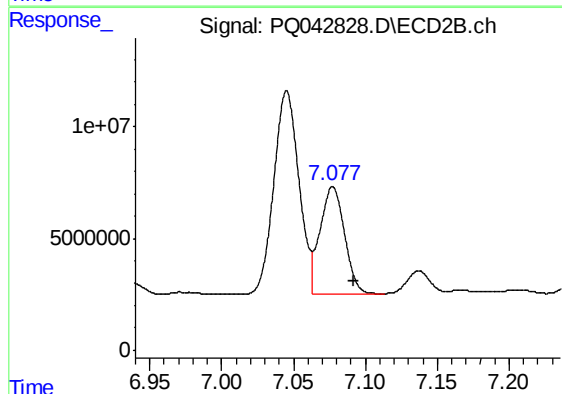
R.T.: 6.430 min
Delta R.T.: -0.051 min
Response: 4607296
Conc: 60.17 ng/ml



#20 AR-1242-5

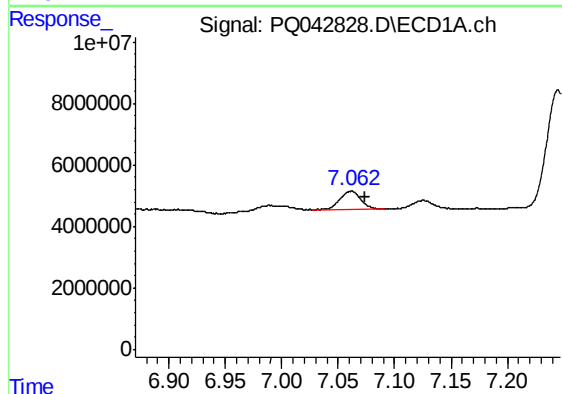
R.T.: 8.124 min
Delta R.T.: 0.018 min
Response: 17782654
Conc: 188.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



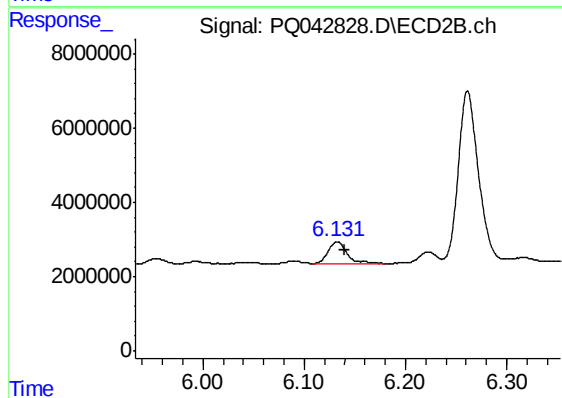
#20 AR-1242-5

R.T.: 7.077 min
Delta R.T.: -0.015 min
Response: 56688843
Conc: 505.72 ng/ml



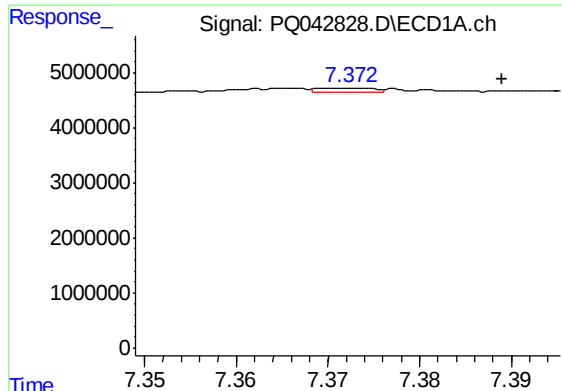
#21 AR-1248-1

R.T.: 7.062 min
Delta R.T.: -0.012 min
Response: 7807838
Conc: 93.65 ng/ml



#21 AR-1248-1

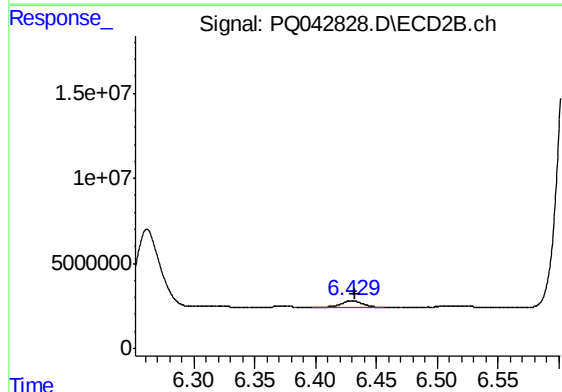
R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 7531418
Conc: 91.62 ng/ml



#22 AR-1248-2

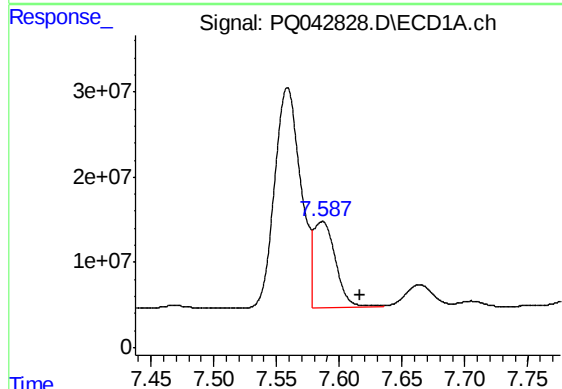
R.T.: 7.370 min
Delta R.T.: -0.019 min
Response: 297304
Conc: 2.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



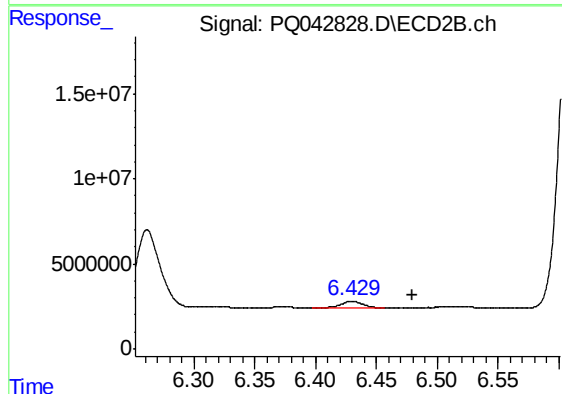
#22 AR-1248-2

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 4607296
Conc: 41.82 ng/ml



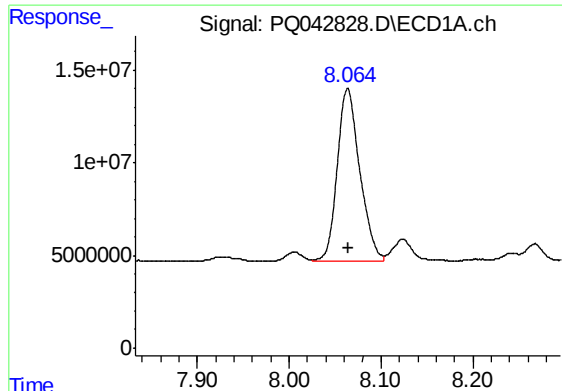
#23 AR-1248-3

R.T.: 7.587 min
Delta R.T.: -0.029 min
Response: 123104553
Conc: 970.10 ng/ml



#23 AR-1248-3

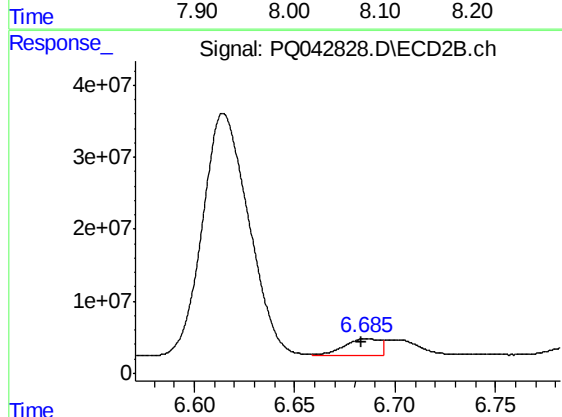
R.T.: 6.430 min
Delta R.T.: -0.050 min
Response: 4607296
Conc: 40.88 ng/ml



#24 AR-1248-4

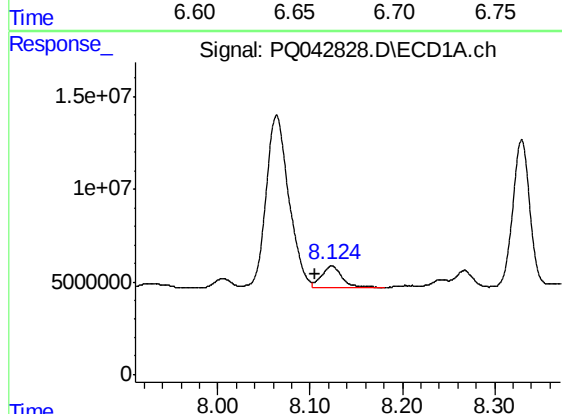
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 158699957
Conc: 957.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



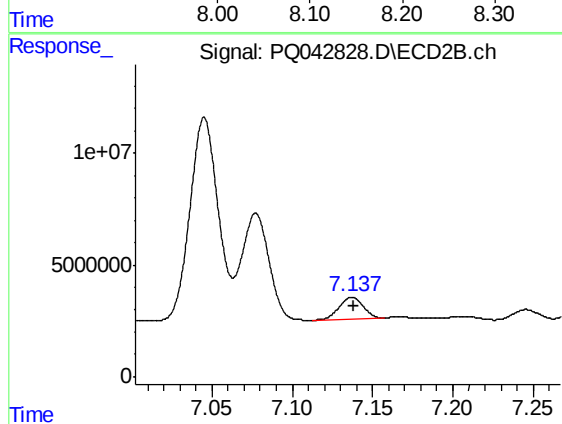
#24 AR-1248-4

R.T.: 6.685 min
Delta R.T.: 0.002 min
Response: 27648120
Conc: 202.38 ng/ml



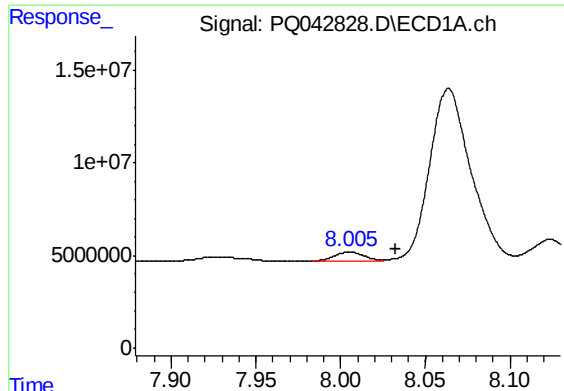
#25 AR-1248-5

R.T.: 8.124 min
Delta R.T.: 0.018 min
Response: 17782654
Conc: 111.69 ng/ml



#25 AR-1248-5

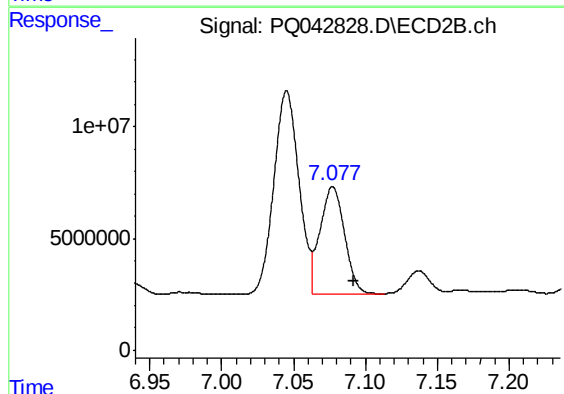
R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 10146354
Conc: 64.45 ng/ml



#26 AR-1254-1

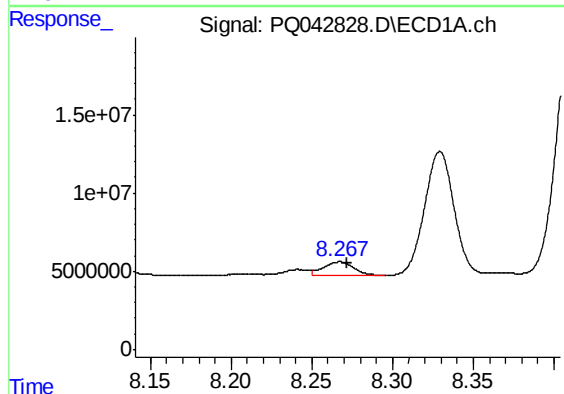
R.T.: 8.005 min
Delta R.T.: -0.028 min
Response: 6142560
Conc: 41.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



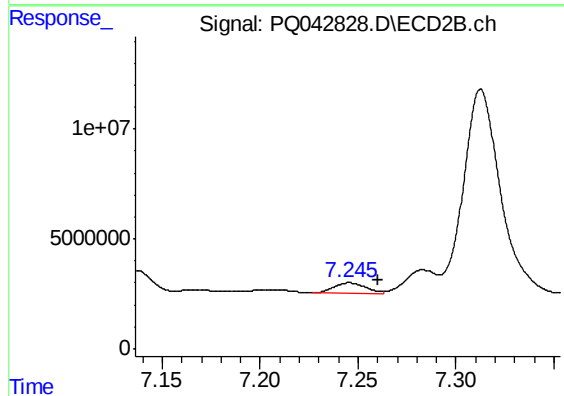
#26 AR-1254-1

R.T.: 7.077 min
Delta R.T.: -0.014 min
Response: 56688843
Conc: 251.23 ng/ml



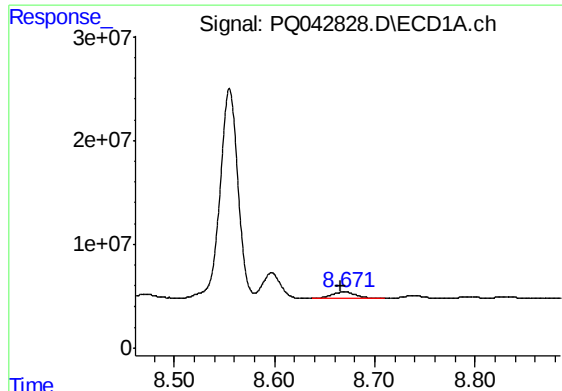
#27 AR-1254-2

R.T.: 8.268 min
Delta R.T.: -0.004 min
Response: 12046075
Conc: 50.22 ng/ml



#27 AR-1254-2

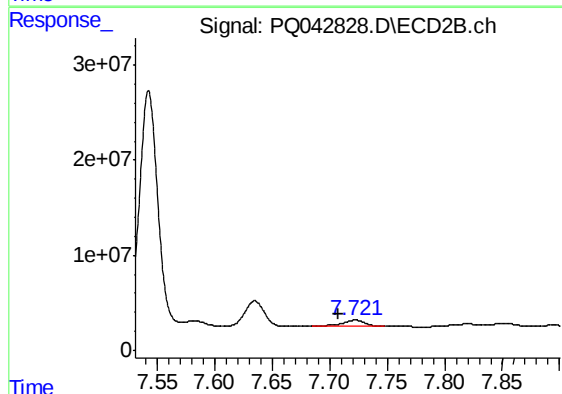
R.T.: 7.246 min
Delta R.T.: -0.015 min
Response: 5234603
Conc: 25.89 ng/ml



#28 AR-1254-3

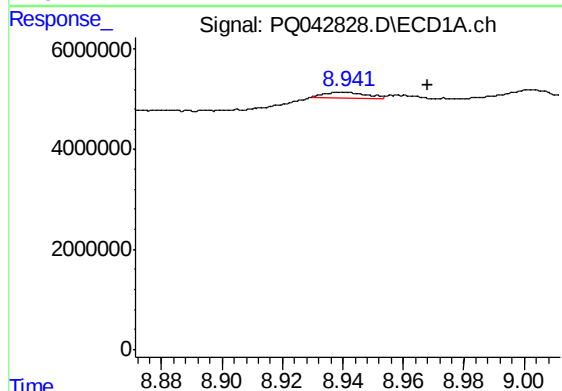
R.T.: 8.671 min
Delta R.T.: 0.005 min
Response: 11522890
Conc: 40.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



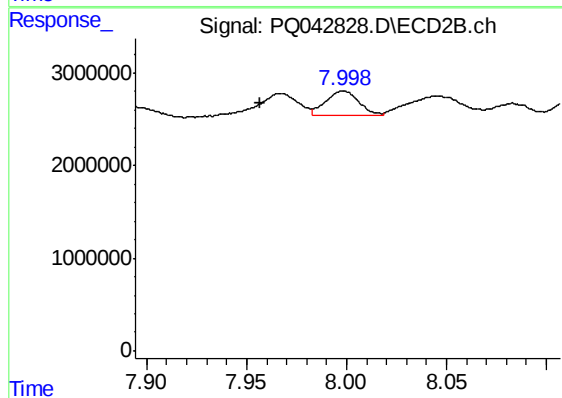
#28 AR-1254-3

R.T.: 7.722 min
Delta R.T.: 0.015 min
Response: 8907752
Conc: 25.30 ng/ml



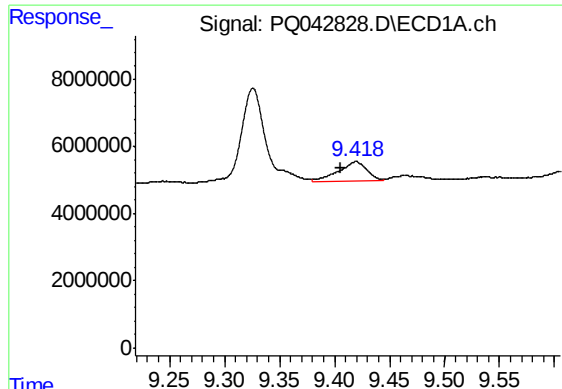
#29 AR-1254-4

R.T.: 8.941 min
Delta R.T.: -0.027 min
Response: 1008576
Conc: 4.23 ng/ml



#29 AR-1254-4

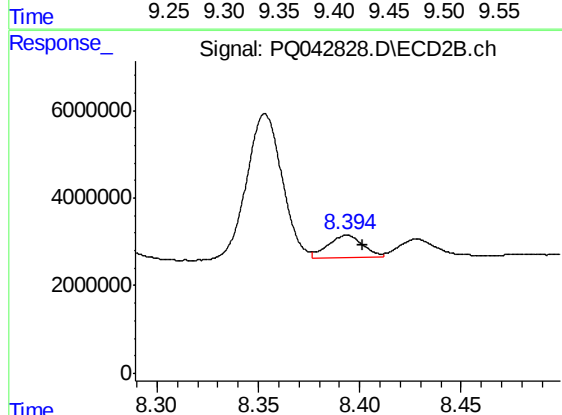
R.T.: 7.998 min
Delta R.T.: 0.042 min
Response: 3080945
Conc: 12.01 ng/ml



#30 AR-1254-5

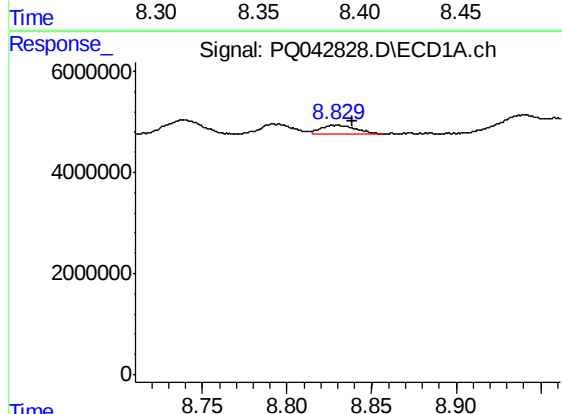
R.T.: 9.419 min
Delta R.T.: 0.013 min
Response: 10310066
Conc: 39.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



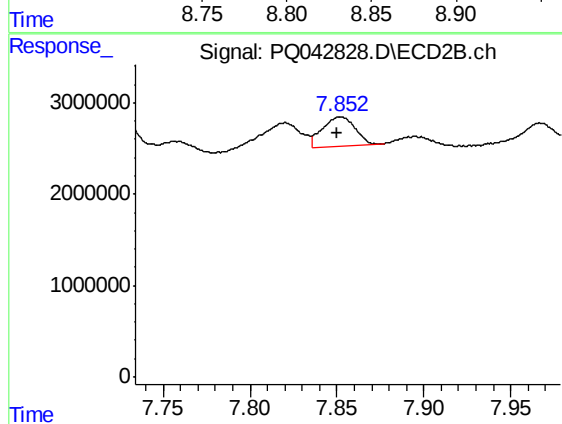
#30 AR-1254-5

R.T.: 8.394 min
Delta R.T.: -0.008 min
Response: 6355486
Conc: 17.49 ng/ml



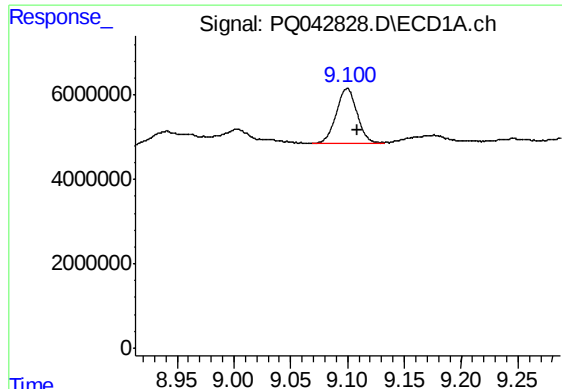
#31 AR-1260-1

R.T.: 8.830 min
Delta R.T.: -0.008 min
Response: 2450603
Conc: 13.90 ng/ml



#31 AR-1260-1

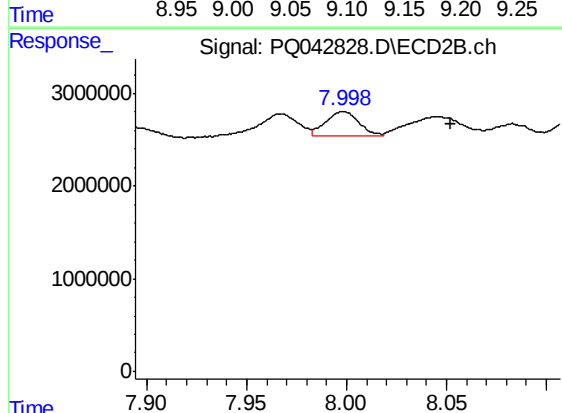
R.T.: 7.852 min
Delta R.T.: 0.002 min
Response: 4247665
Conc: 20.82 ng/ml



#32 AR-1260-2

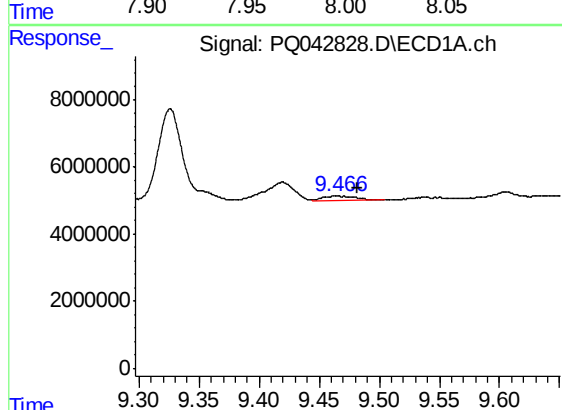
R.T.: 9.100 min
Delta R.T.: -0.009 min
Response: 16377491
Conc: 68.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



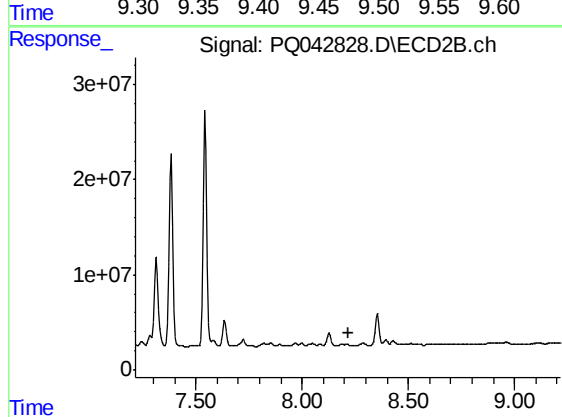
#32 AR-1260-2

R.T.: 7.998 min
Delta R.T.: -0.054 min
Response: 3080945
Conc: 11.50 ng/ml



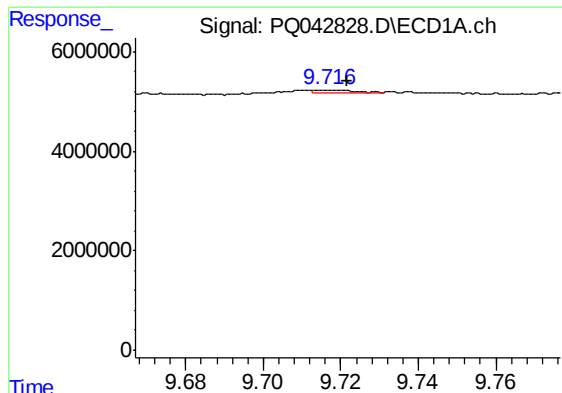
#33 AR-1260-3

R.T.: 9.466 min
Delta R.T.: -0.016 min
Response: 2794614
Conc: 12.93 ng/ml



#33 AR-1260-3

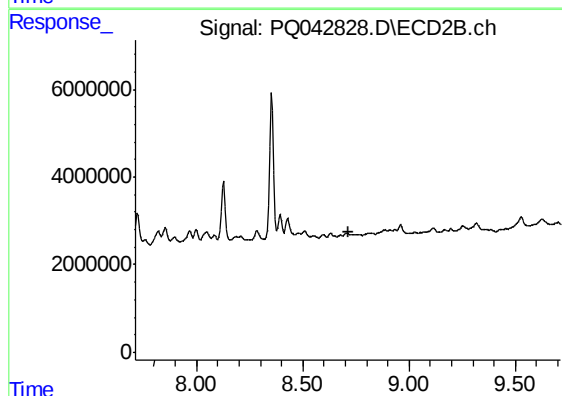
R.T.: 0.000 min
Exp R.T. : 8.216 min
Response: 0
Conc: N.D.



#34 AR-1260-4

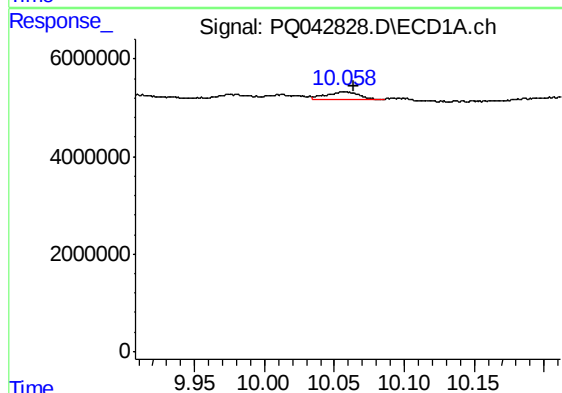
R.T.: 9.717 min
Delta R.T.: -0.005 min
Response: 409113
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



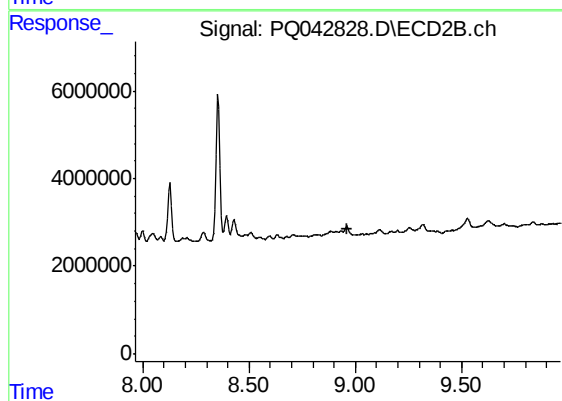
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.713 min
Response: 0
Conc: N.D.



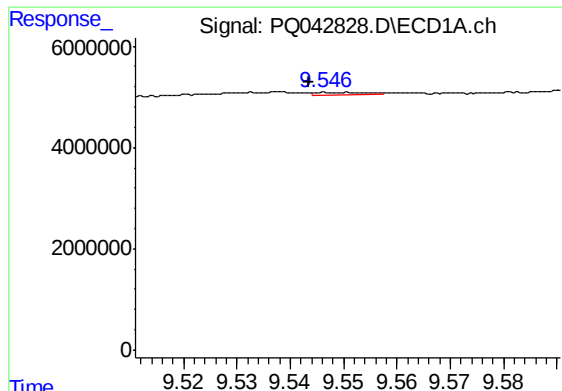
#35 AR-1260-5

R.T.: 10.057 min
Delta R.T.: -0.006 min
Response: 2375128
Conc: 4.00 ng/ml



#35 AR-1260-5

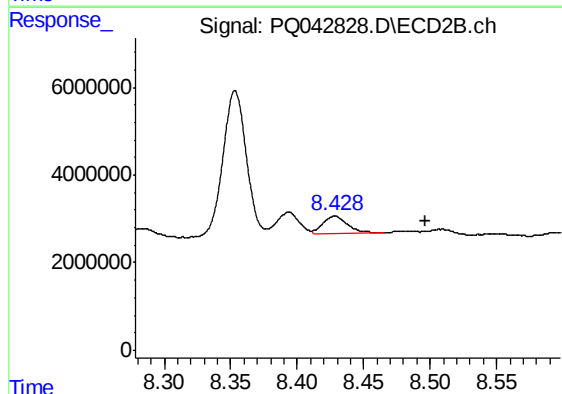
R.T.: 0.000 min
Exp R.T. : 8.965 min
Response: 0
Conc: N.D.



#36 AR-1262-1

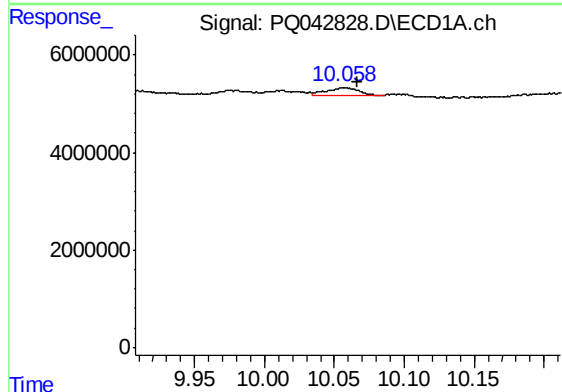
R.T.: 9.546 min
Delta R.T.: 0.003 min
Response: 336845
Conc: 2.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



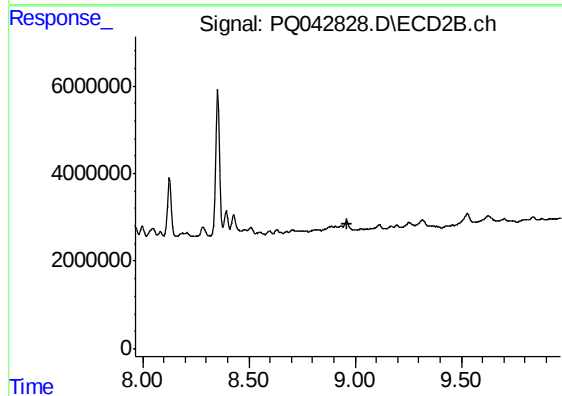
#36 AR-1262-1

R.T.: 8.428 min
Delta R.T.: -0.068 min
Response: 5328591
Conc: 31.13 ng/ml



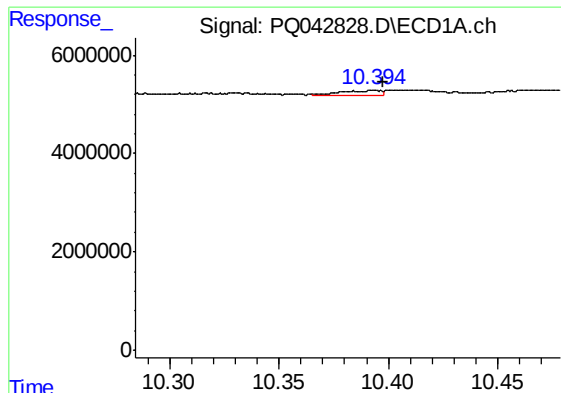
#37 AR-1262-2

R.T.: 10.057 min
Delta R.T.: -0.009 min
Response: 2375128
Conc: 3.16 ng/ml



#37 AR-1262-2

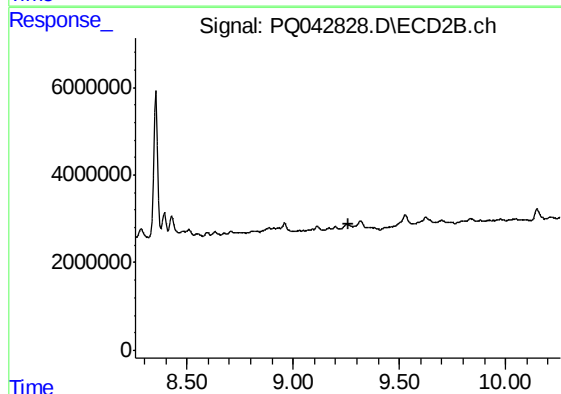
R.T.: 0.000 min
Exp R.T. : 8.966 min
Response: 0
Conc: N.D.



#38 AR-1262-3

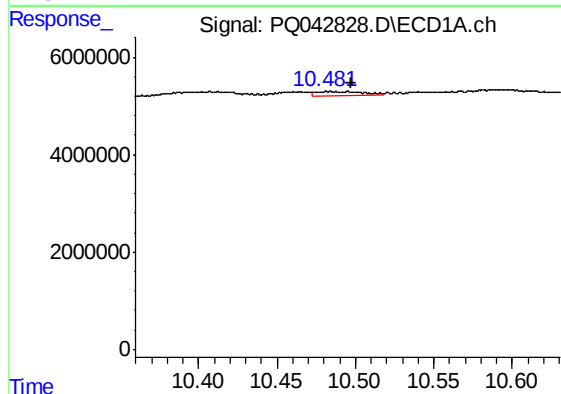
R.T.: 10.394 min
Delta R.T.: -0.004 min
Response: 1264078
Conc: 2.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



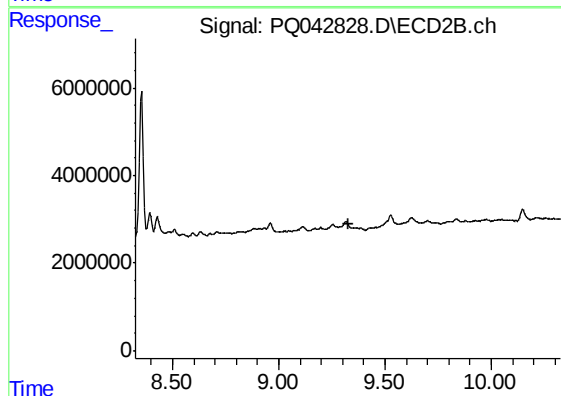
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.258 min
Response: 0
Conc: N.D.



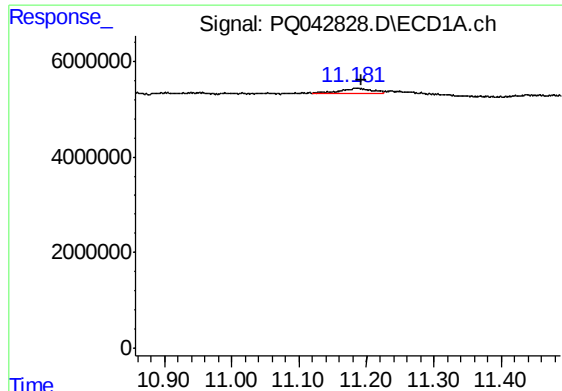
#39 AR-1262-4

R.T.: 10.482 min
Delta R.T.: -0.015 min
Response: 1791677
Conc: 4.12 ng/ml



#39 AR-1262-4

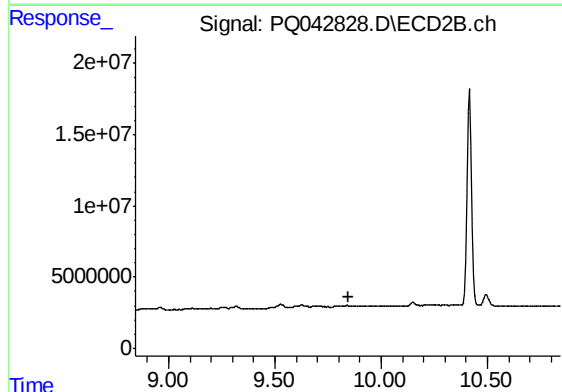
R.T.: 0.000 min
Exp R.T. : 9.326 min
Response: 0
Conc: N.D.



#40 AR-1262-5

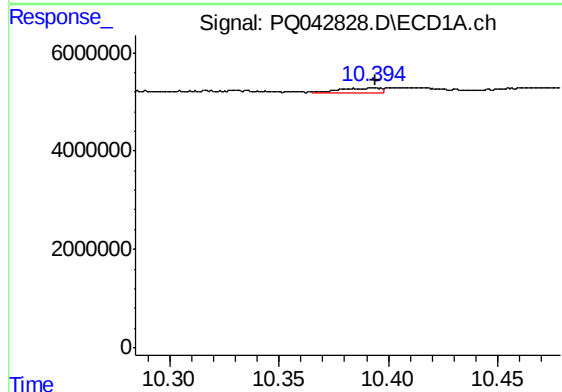
R.T.: 11.182 min
Delta R.T.: -0.011 min
Response: 3475746
Conc: 10.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



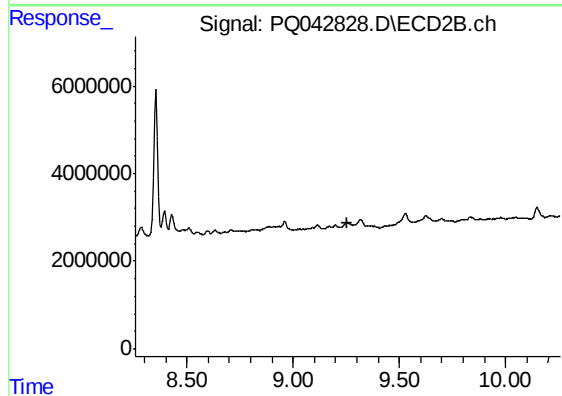
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.844 min
Response: 0
Conc: N.D.



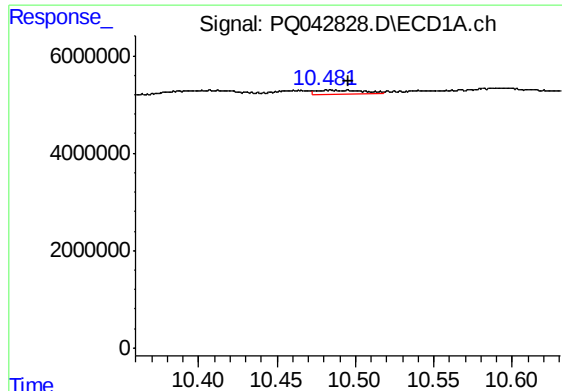
#41 AR-1268-1

R.T.: 10.394 min
Delta R.T.: 0.000 min
Response: 1264078
Conc: 1.32 ng/ml



#41 AR-1268-1

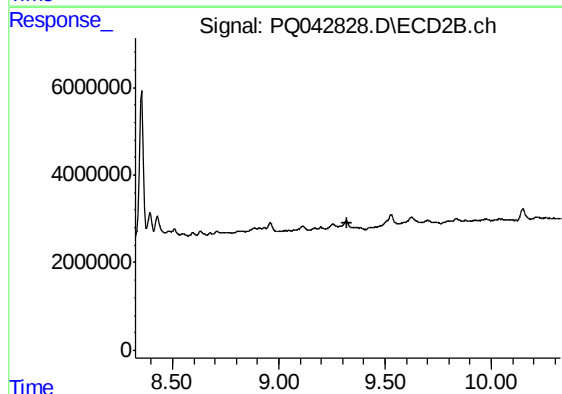
R.T.: 0.000 min
Exp R.T. : 9.257 min
Response: 0
Conc: N.D.



#42 AR-1268-2

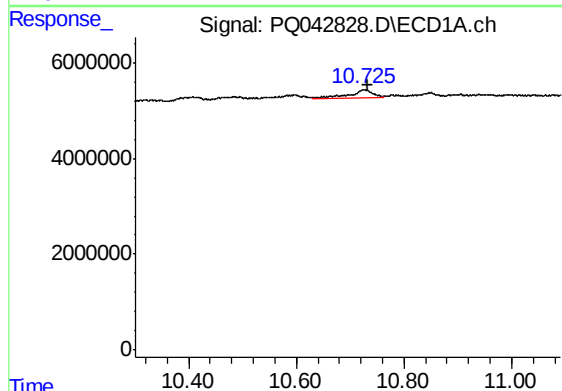
R.T.: 10.482 min
Delta R.T.: -0.014 min
Response: 1791677
Conc: 1.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



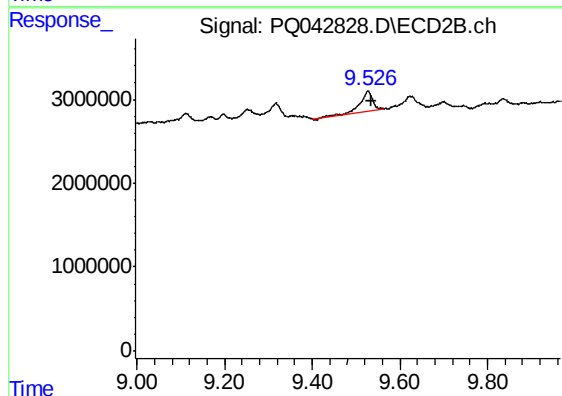
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.325 min
Response: 0
Conc: N.D.



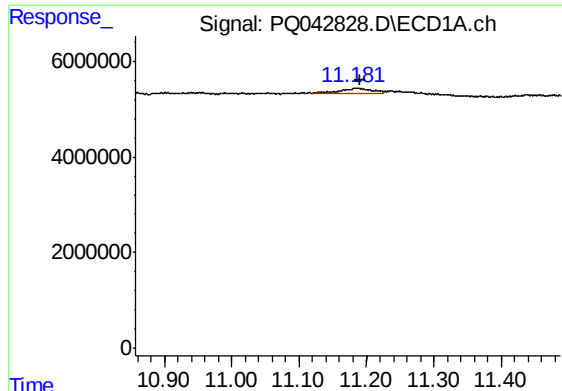
#43 AR-1268-3

R.T.: 10.727 min
Delta R.T.: -0.007 min
Response: 5981718
Conc: 7.38 ng/ml



#43 AR-1268-3

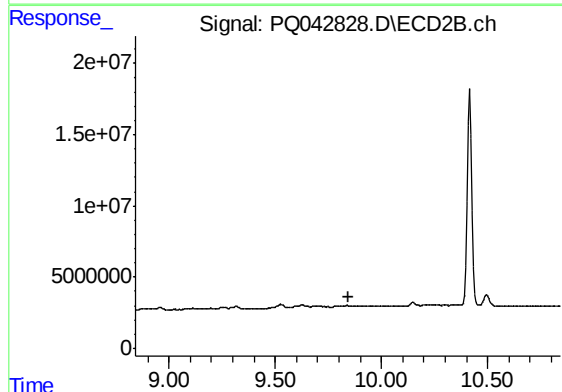
R.T.: 9.527 min
Delta R.T.: -0.008 min
Response: 4677817
Conc: 5.87 ng/ml



#44 AR-1268-4

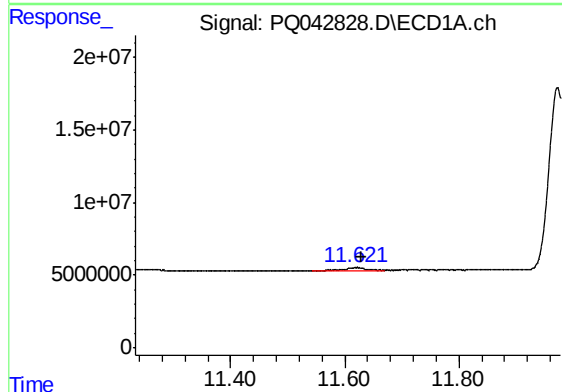
R.T.: 11.182 min
Delta R.T.: -0.009 min
Response: 3475746
Conc: 9.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ97



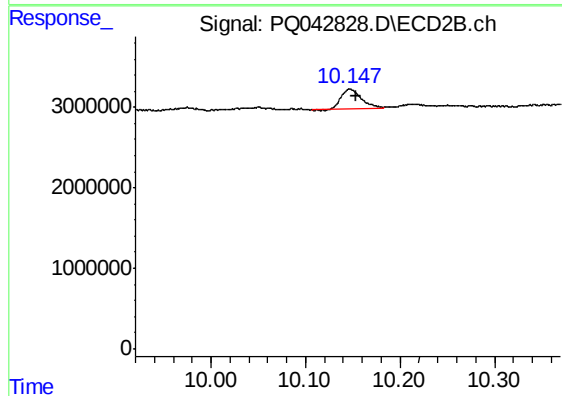
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.843 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.621 min
Delta R.T.: -0.008 min
Response: 6353914
Conc: 2.24 ng/ml



#45 AR-1268-5

R.T.: 10.147 min
Delta R.T.: -0.006 min
Response: 3561916
Conc: 1.39 ng/ml