

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
 Data File : PQ042043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 21:06
 Operator : SM\AJ
 Sample : K4186-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETP12

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 05:24:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.681	4.742	50659609	46462178	22.089	24.108
2)	SA Decachlor...	12.072	10.493	256.3E6	197.4E6	30.404	40.813 #
Target Compounds							
3)	L1 AR-1016-1	7.123	6.191	85283774	79792609	789.050	768.942
4)	L1 AR-1016-2	7.151	6.216	52165791	37112254	333.269	259.038
5)	L1 AR-1016-3	7.232	6.431	3330978	19510962	34.437	261.639 #
6)	L1 AR-1016-4	7.335	6.486	25542499	77809580	327.408	1254.785 #
7)	L1 AR-1016-5	7.724	6.740	112.0E6	236.8E6	1424.666	2908.970 #
12)	L3 AR-1232-2	6.811	6.216	5514062	37112254	167.821	650.775 #
13)	L3 AR-1232-3	7.151	6.431	52165791	19510962	781.353	654.302
14)	L3 AR-1232-4	7.335	6.533	25542499	59334014	796.296	2222.523 #
15)	L3 AR-1232-5	7.442	6.740	63624086	236.8E6	2960.599	8074.707 #
16)	L4 AR-1242-1	7.123	6.191	85283774	79792609	953.433	974.986
17)	L4 AR-1242-2	7.151	6.216	52165791	37112254	405.671	328.608
18)	L4 AR-1242-3	7.232	6.431	3330978	19510962	41.079	330.287 #
19)	L4 AR-1242-4	7.335	6.533	25542499	59334014	397.316	1000.619 #
20)	L4 AR-1242-5	8.184	7.142	29363183	417.1E6	330.943	4697.638 #
21)	L5 AR-1248-1	7.123	6.191	85283774	79792609	1150.368	1203.438
22)	L5 AR-1248-2	7.442	6.486	63624086	77809580	689.593	892.438 #
23)	L5 AR-1248-3	7.724	6.533	112.0E6	59334014	999.571	664.764 #
24)	L5 AR-1248-4	8.123	6.740	1107.1E6	236.8E6	7080.838	2149.963 #
25)	L5 AR-1248-5	8.184	7.193	29363183	171.5E6	194.043	1338.033 #
26)	L6 AR-1254-1	8.123	7.142	1107.1E6	417.1E6	7958.521	2280.799 #
27)	L6 AR-1254-2	8.334	7.338	248.7E6	21713637	1086.482	134.141 #
28)	L6 AR-1254-3	8.723	7.762	142.5E6	114.1E6	521.292	395.698
29)	L6 AR-1254-4	9.022	8.010	96303230	77923985	391.199	358.977
30)	L6 AR-1254-5	9.484	8.488	221.0E6	48952460	815.797	162.758 #
31)	L7 AR-1260-1	8.923	7.916	4054456	53995923	22.793	297.613 #
32)	L7 AR-1260-2	9.160	8.104	236.6E6	29546686	937.814	120.434 #
33)	L7 AR-1260-3	9.528	8.271	19226448	25966793	83.909	122.037 #
34)	L7 AR-1260-4	9.773	8.769	39814811	26709817	155.927	132.038
35)	L7 AR-1260-5	10.126	9.020	36341489	47976069	53.952	81.288 #
36)	L8 AR-1262-1	9.599	8.571	8958329	9371392	58.286	65.322
37)	L8 AR-1262-2	10.126	9.020	36341489	47976069	41.513	64.740 #
38)	L8 AR-1262-3	10.482	9.314	32882332	4483097	51.782	14.170 #
39)	L8 AR-1262-4	10.538	9.380	14081851	28705364	28.124	51.044 #
40)	L8 AR-1262-5	11.268	9.902	11722761	9237016	28.795	32.342
41)	L9 AR-1268-1	10.482	9.314	32882332	4483097	23.083	3.922 #
42)	L9 AR-1268-2	10.538	9.380	14081851	28705364	10.677	27.963 #
43)	L9 AR-1268-3	0.000	9.669	0	1769377	N.D.	2.036 #
44)	L9 AR-1268-4	11.268	9.902	11722761	9237016	21.533	24.013
45)	L9 AR-1268-5	11.709	10.218	6319089	4744728	1.559	1.827

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Data File : PQ042043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 21:06
Operator : SM\AJ
Sample : K4186-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETP12

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 05:24:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
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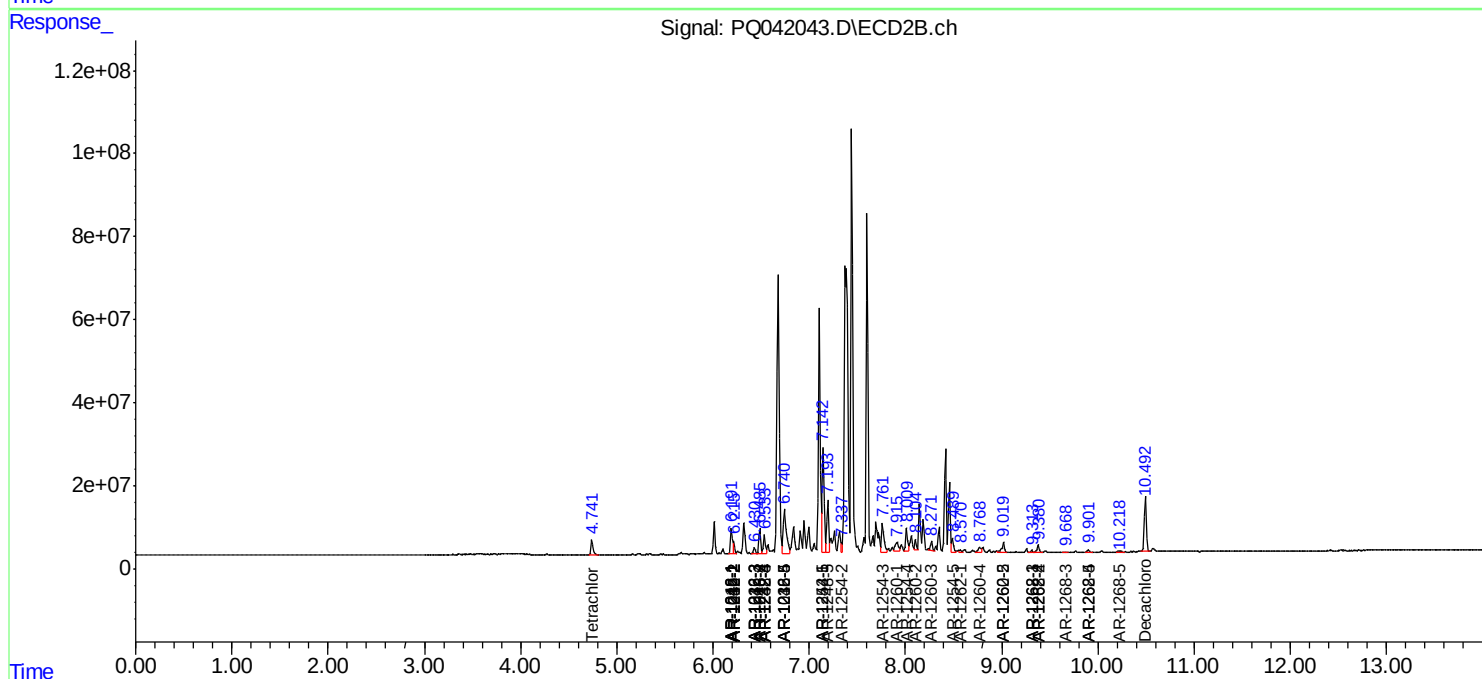
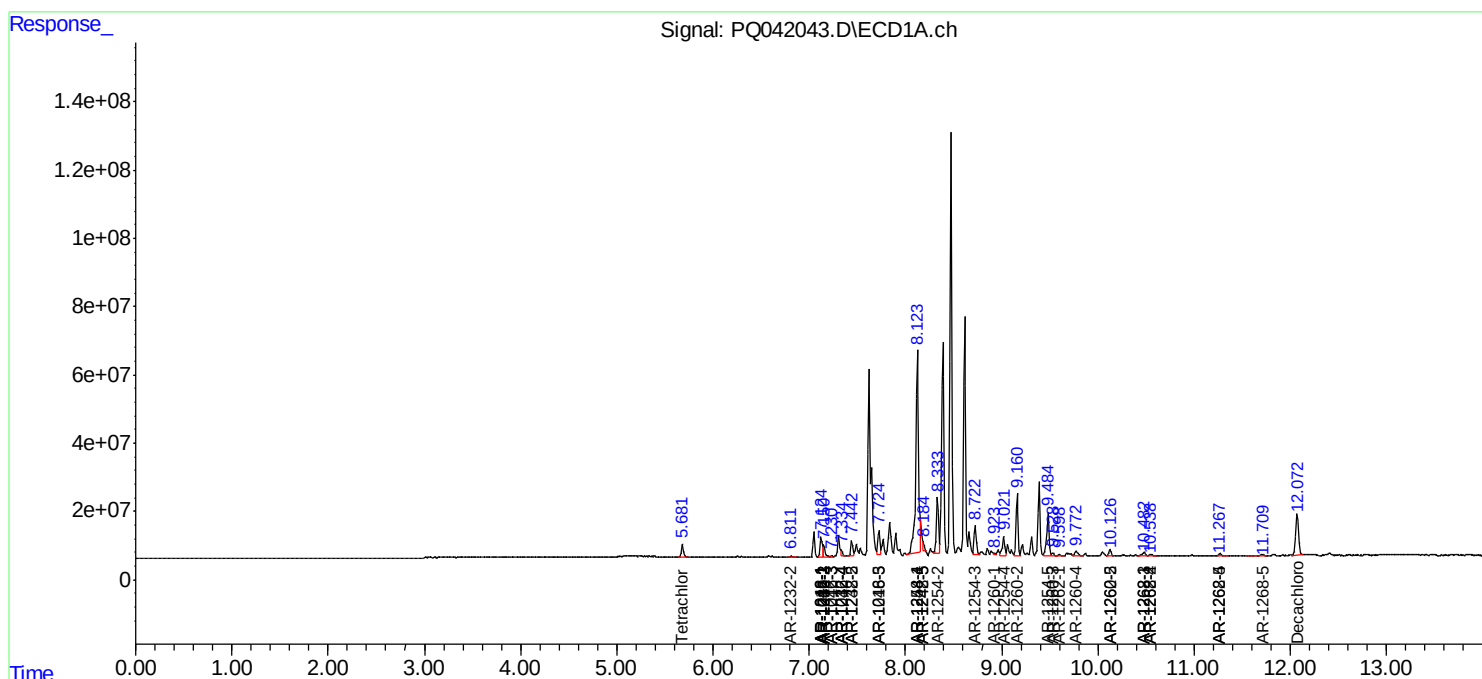
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

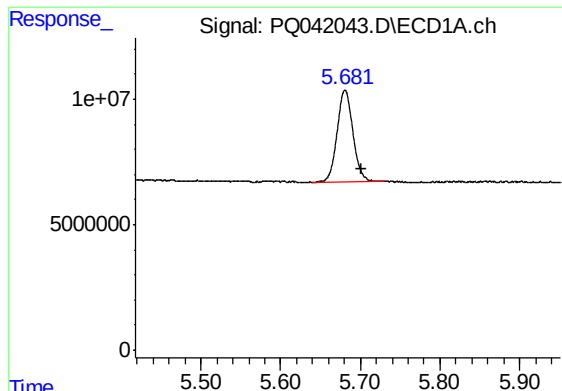
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
Data File : PQ042043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 07 05:24:16 2019
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

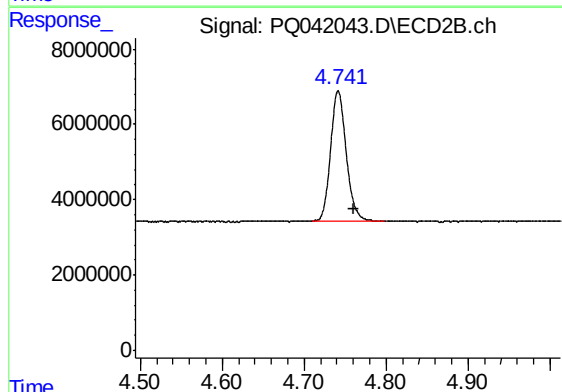




#1 Tetrachloro-m-xylene

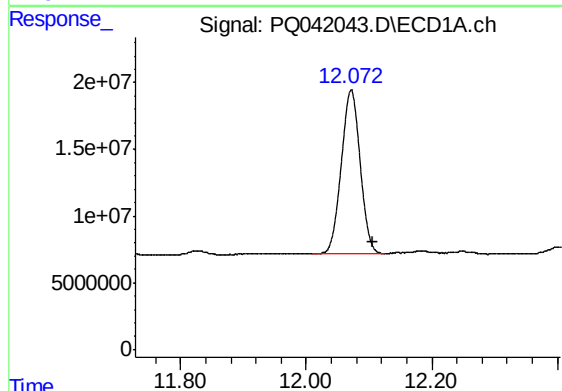
R.T.: 5.681 min
Delta R.T.: -0.020 min
Response: 50659609
Conc: 22.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



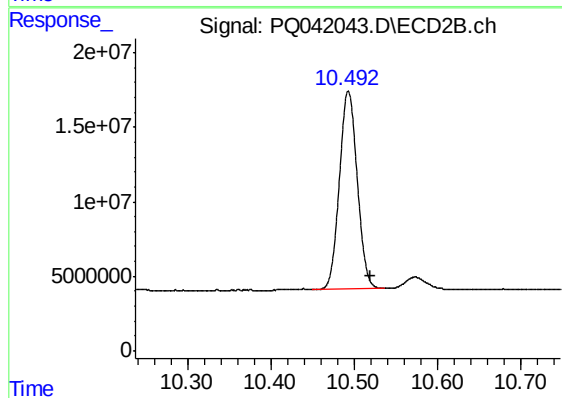
#1 Tetrachloro-m-xylene

R.T.: 4.742 min
Delta R.T.: -0.018 min
Response: 46462178
Conc: 24.11 ng/ml



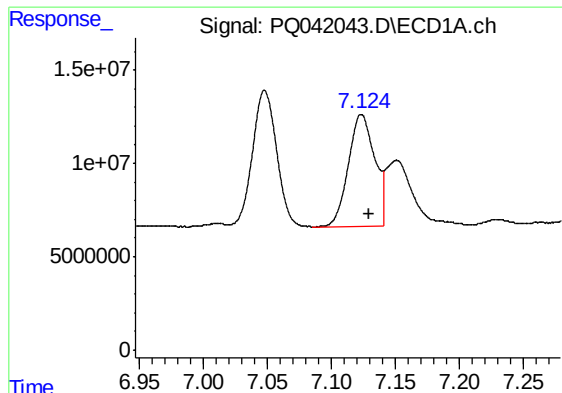
#2 Decachlorobiphenyl

R.T.: 12.072 min
Delta R.T.: -0.034 min
Response: 256347970
Conc: 30.40 ng/ml



#2 Decachlorobiphenyl

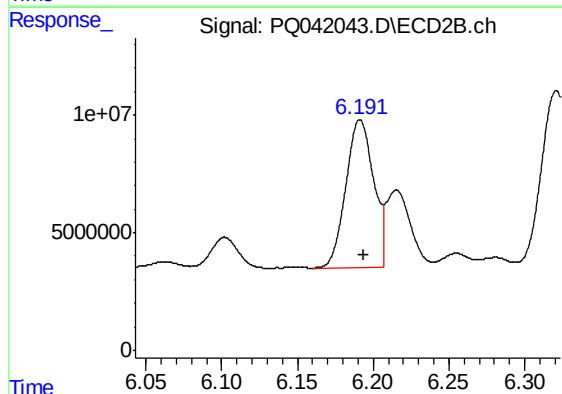
R.T.: 10.493 min
Delta R.T.: -0.027 min
Response: 197426908
Conc: 40.81 ng/ml



#3 AR-1016-1

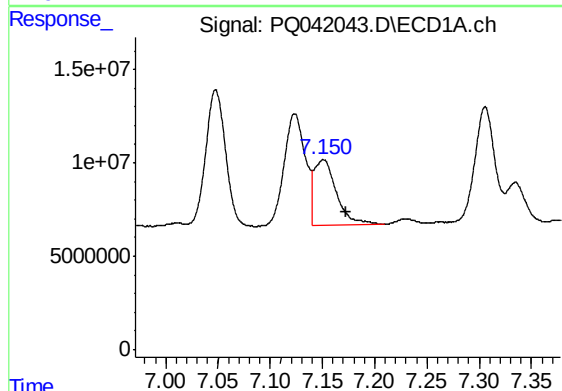
R.T.: 7.123 min
Delta R.T.: -0.006 min
Response: 85283774
Conc: 789.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



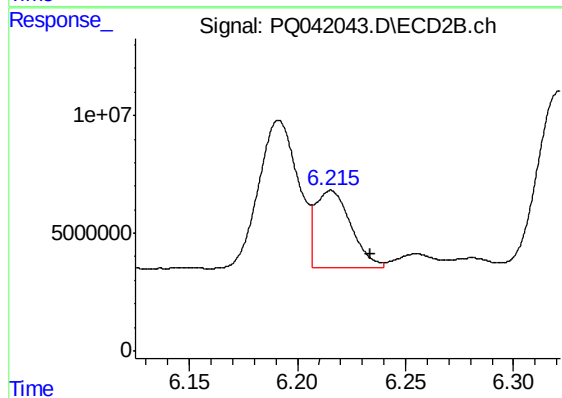
#3 AR-1016-1

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 79792609
Conc: 768.94 ng/ml



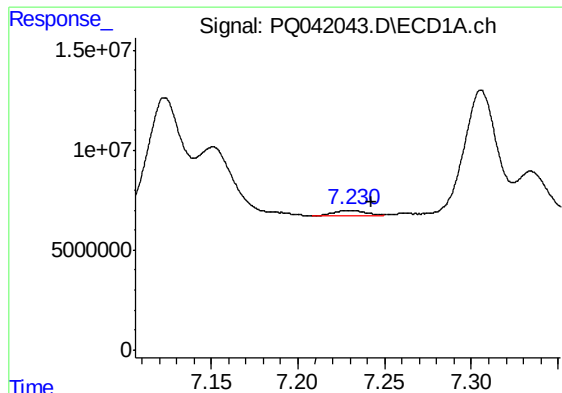
#4 AR-1016-2

R.T.: 7.151 min
Delta R.T.: -0.021 min
Response: 52165791
Conc: 333.27 ng/ml



#4 AR-1016-2

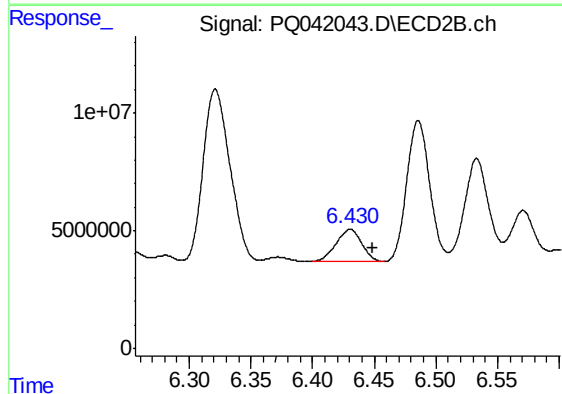
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 37112254
Conc: 259.04 ng/ml



#5 AR-1016-3

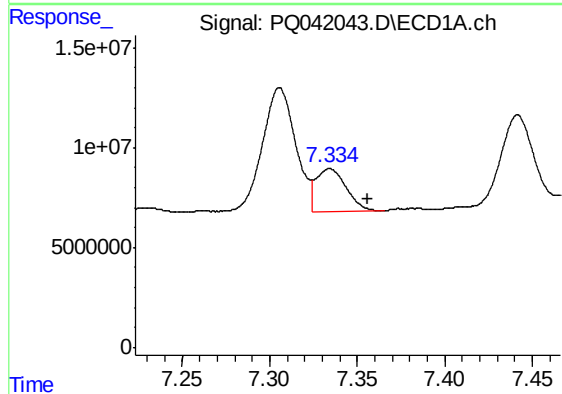
R.T.: 7.232 min
Delta R.T.: -0.011 min
Response: 3330978
Conc: 34.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



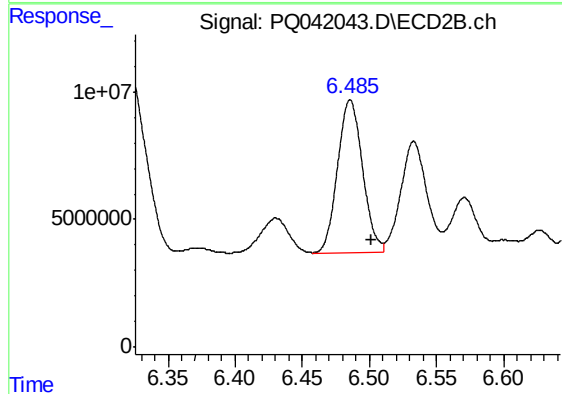
#5 AR-1016-3

R.T.: 6.431 min
Delta R.T.: -0.018 min
Response: 19510962
Conc: 261.64 ng/ml



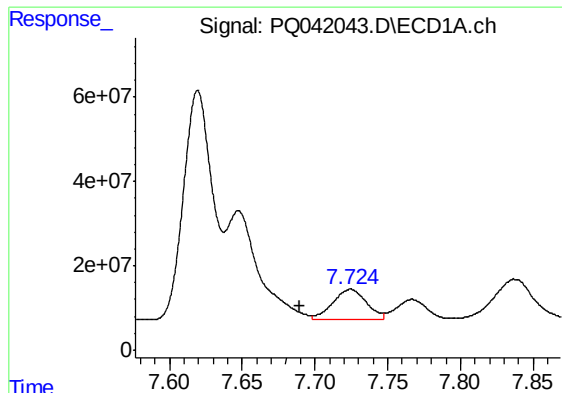
#6 AR-1016-4

R.T.: 7.335 min
Delta R.T.: -0.021 min
Response: 25542499
Conc: 327.41 ng/ml



#6 AR-1016-4

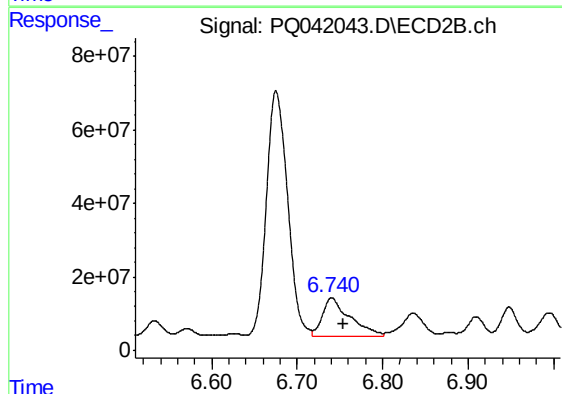
R.T.: 6.486 min
Delta R.T.: -0.016 min
Response: 77809580
Conc: 1254.78 ng/ml



#7 AR-1016-5

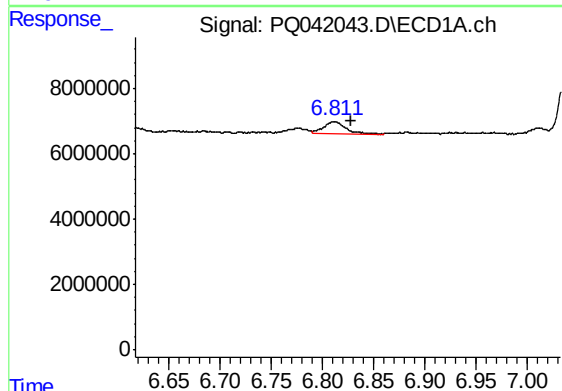
R.T.: 7.724 min
Delta R.T.: 0.035 min
Response: 111993266
Conc: 1424.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



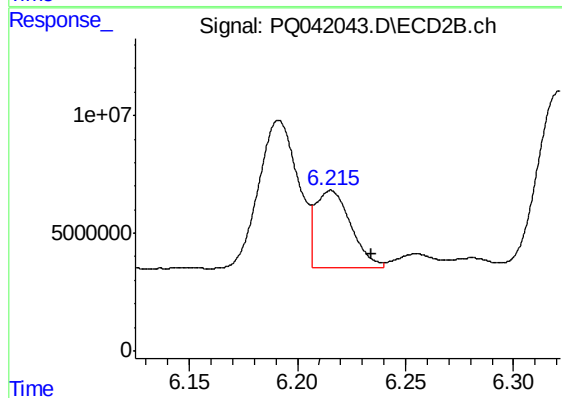
#7 AR-1016-5

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 236799984
Conc: 2908.97 ng/ml



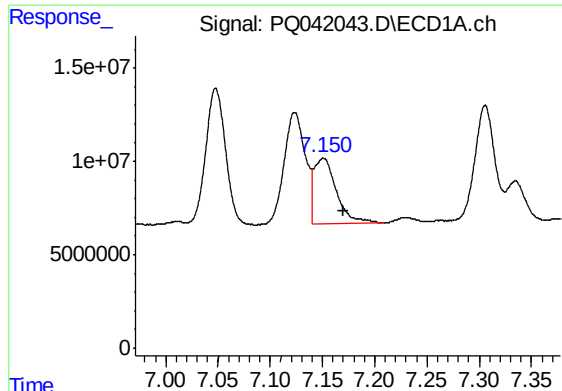
#12 AR-1232-2

R.T.: 6.811 min
Delta R.T.: -0.016 min
Response: 5514062
Conc: 167.82 ng/ml



#12 AR-1232-2

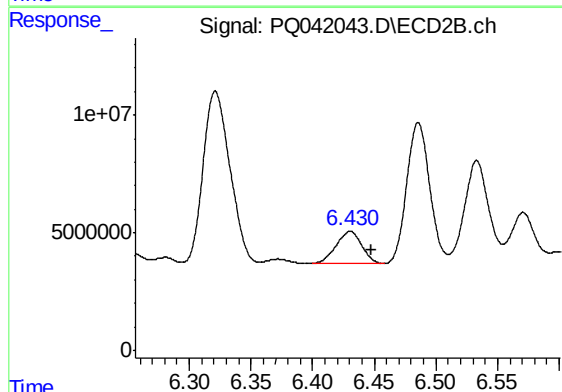
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 37112254
Conc: 650.77 ng/ml



#13 AR-1232-3

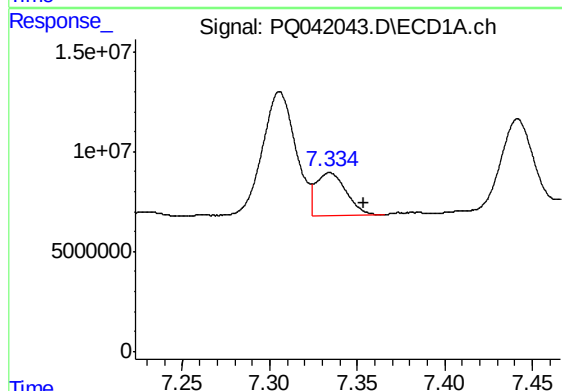
R.T.: 7.151 min
Delta R.T.: -0.019 min
Response: 52165791
Conc: 781.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



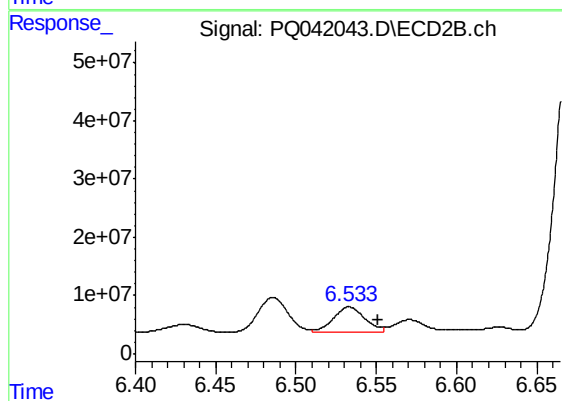
#13 AR-1232-3

R.T.: 6.431 min
Delta R.T.: -0.018 min
Response: 19510962
Conc: 654.30 ng/ml



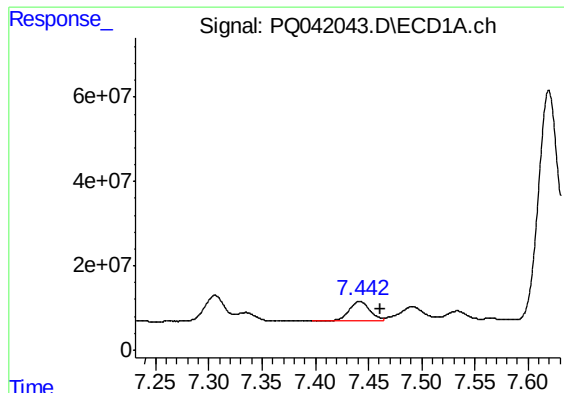
#14 AR-1232-4

R.T.: 7.335 min
Delta R.T.: -0.019 min
Response: 25542499
Conc: 796.30 ng/ml



#14 AR-1232-4

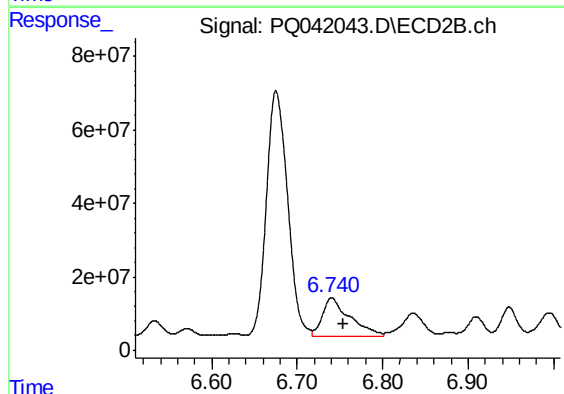
R.T.: 6.533 min
Delta R.T.: -0.018 min
Response: 59334014
Conc: 2222.52 ng/ml



#15 AR-1232-5

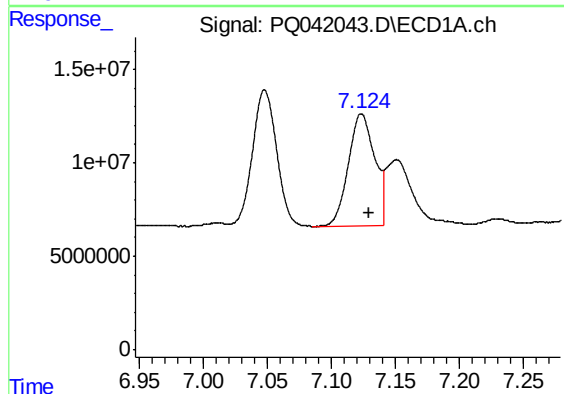
R.T.: 7.442 min
Delta R.T.: -0.019 min
Response: 63624086
Conc: 2960.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



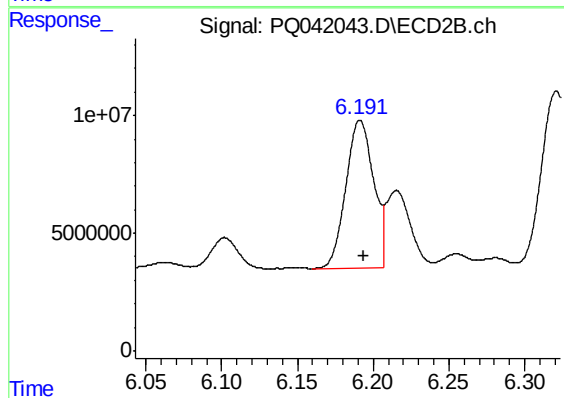
#15 AR-1232-5

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 236799984
Conc: 8074.71 ng/ml



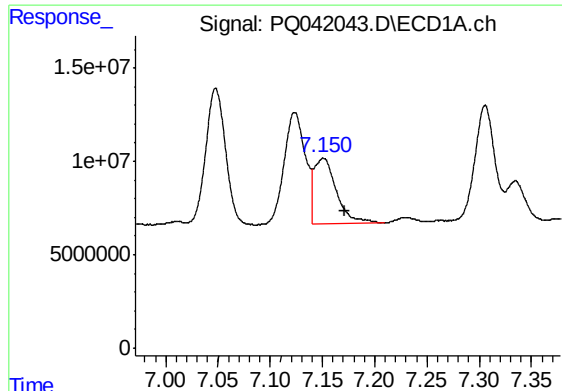
#16 AR-1242-1

R.T.: 7.123 min
Delta R.T.: -0.006 min
Response: 85283774
Conc: 953.43 ng/ml



#16 AR-1242-1

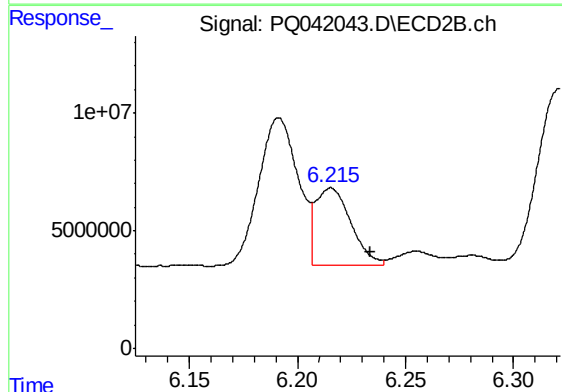
R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 79792609
Conc: 974.99 ng/ml



#17 AR-1242-2

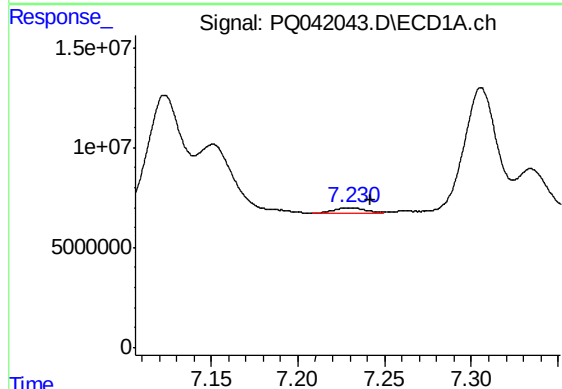
R.T.: 7.151 min
Delta R.T.: -0.020 min
Response: 52165791
Conc: 405.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



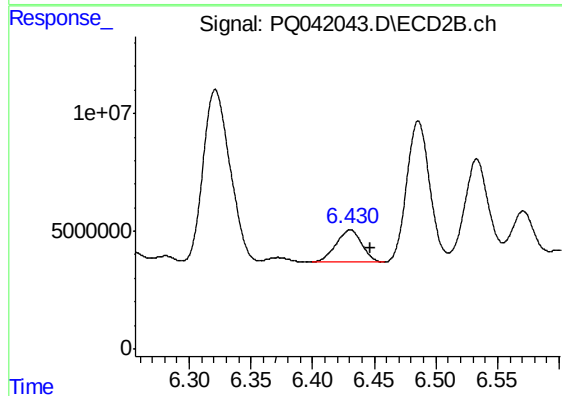
#17 AR-1242-2

R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 37112254
Conc: 328.61 ng/ml



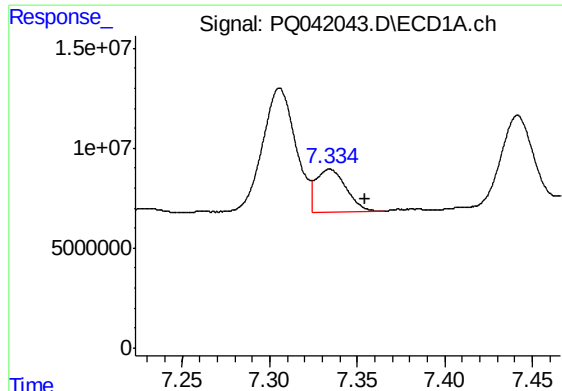
#18 AR-1242-3

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 3330978
Conc: 41.08 ng/ml



#18 AR-1242-3

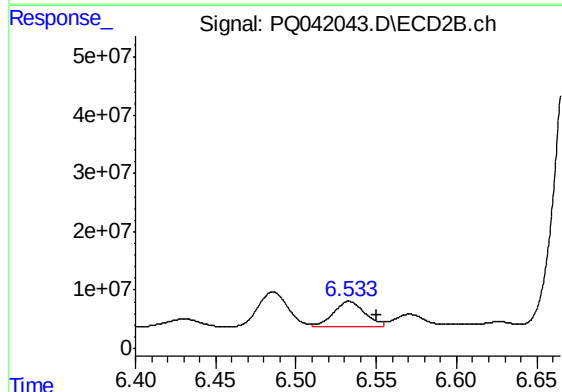
R.T.: 6.431 min
Delta R.T.: -0.017 min
Response: 19510962
Conc: 330.29 ng/ml



#19 AR-1242-4

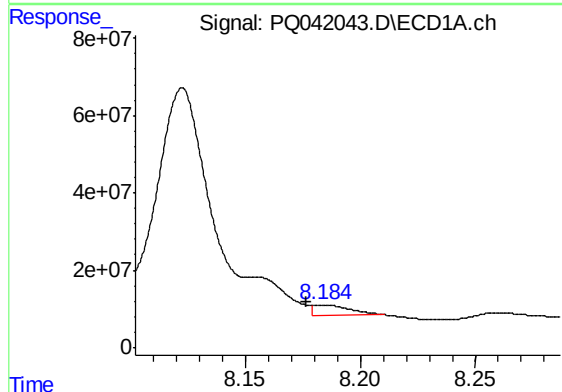
R.T.: 7.335 min
Delta R.T.: -0.020 min
Response: 25542499
Conc: 397.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



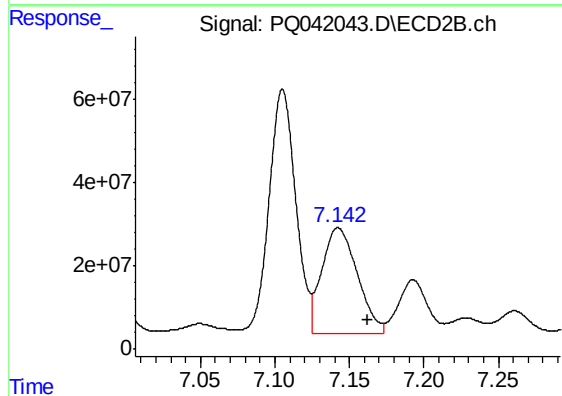
#19 AR-1242-4

R.T.: 6.533 min
Delta R.T.: -0.017 min
Response: 59334014
Conc: 1000.62 ng/ml



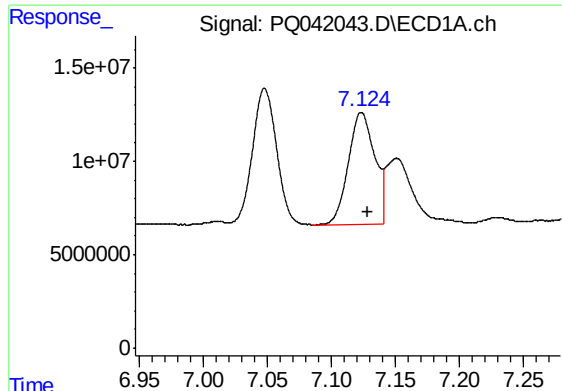
#20 AR-1242-5

R.T.: 8.184 min
Delta R.T.: 0.007 min
Response: 29363183
Conc: 330.94 ng/ml



#20 AR-1242-5

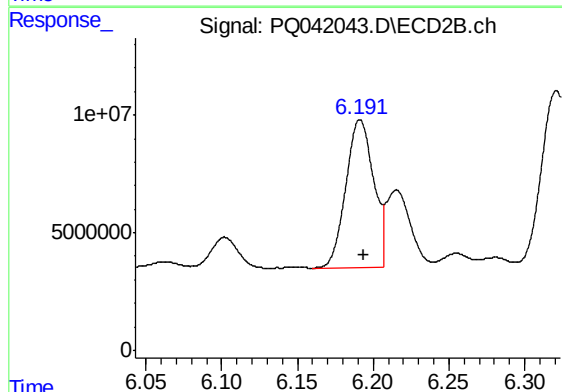
R.T.: 7.142 min
Delta R.T.: -0.020 min
Response: 417123202
Conc: 4697.64 ng/ml



#21 AR-1248-1

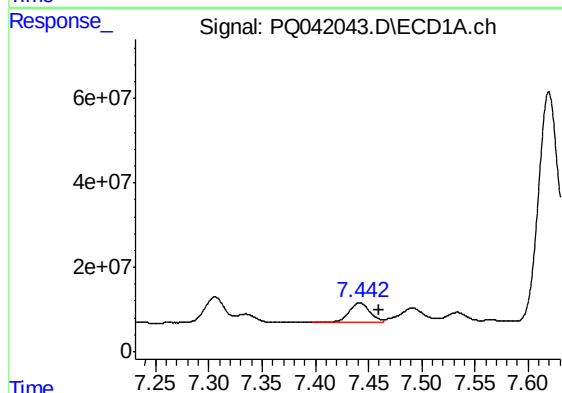
R.T.: 7.123 min
Delta R.T.: -0.005 min
Response: 85283774
Conc: 1150.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



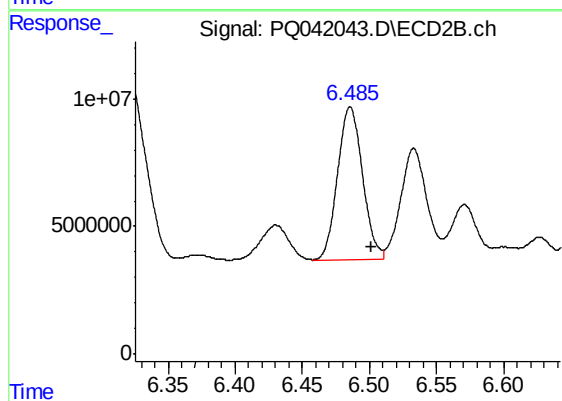
#21 AR-1248-1

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 79792609
Conc: 1203.44 ng/ml



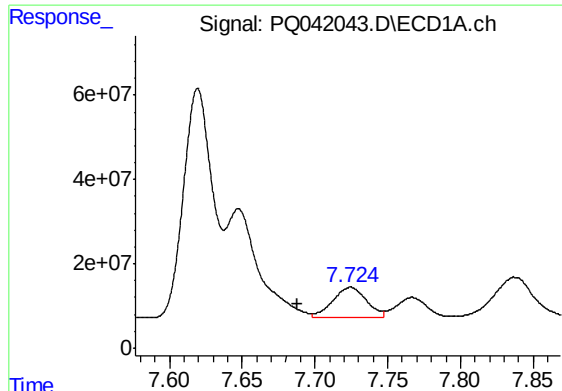
#22 AR-1248-2

R.T.: 7.442 min
Delta R.T.: -0.018 min
Response: 63624086
Conc: 689.59 ng/ml



#22 AR-1248-2

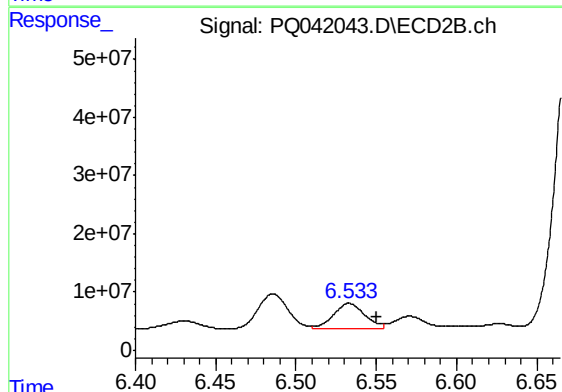
R.T.: 6.486 min
Delta R.T.: -0.016 min
Response: 77809580
Conc: 892.44 ng/ml



#23 AR-1248-3

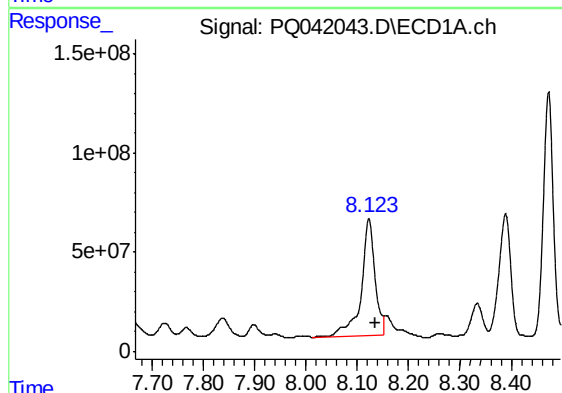
R.T.: 7.724 min
Delta R.T.: 0.037 min
Response: 111993266
Conc: 999.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



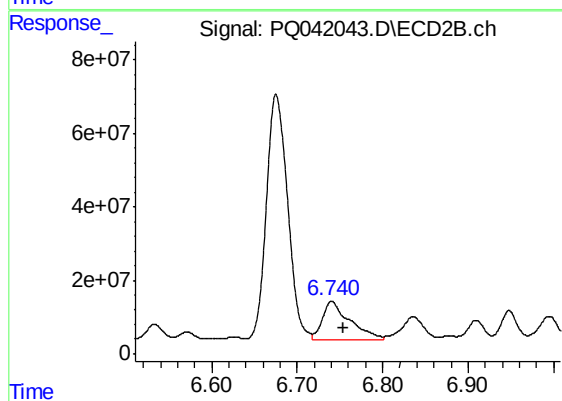
#23 AR-1248-3

R.T.: 6.533 min
Delta R.T.: -0.017 min
Response: 59334014
Conc: 664.76 ng/ml



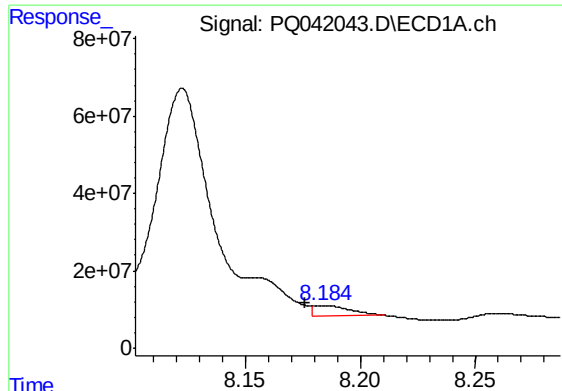
#24 AR-1248-4

R.T.: 8.123 min
Delta R.T.: -0.012 min
Response: 1107147240
Conc: 7080.84 ng/ml



#24 AR-1248-4

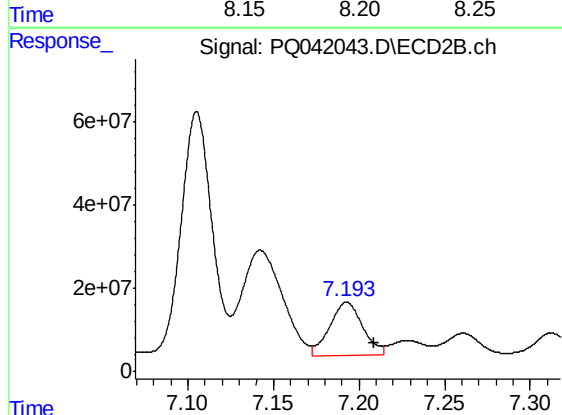
R.T.: 6.740 min
Delta R.T.: -0.013 min
Response: 236799984
Conc: 2149.96 ng/ml



#25 AR-1248-5

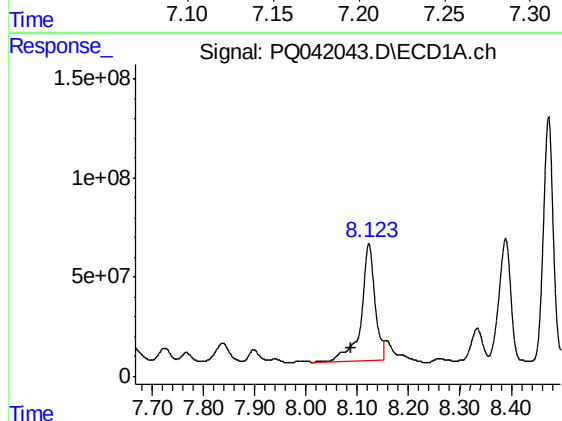
R.T.: 8.184 min
Delta R.T.: 0.008 min
Response: 29363183
Conc: 194.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



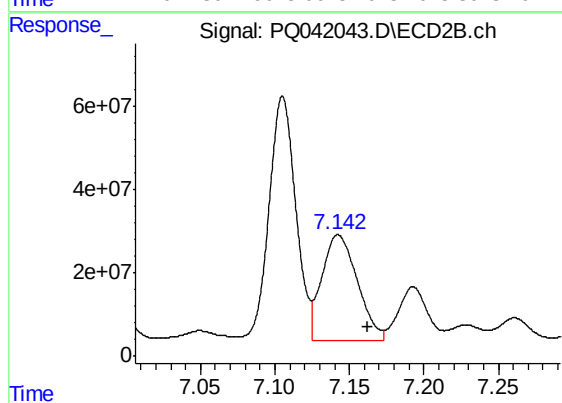
#25 AR-1248-5

R.T.: 7.193 min
Delta R.T.: -0.016 min
Response: 171501980
Conc: 1338.03 ng/ml



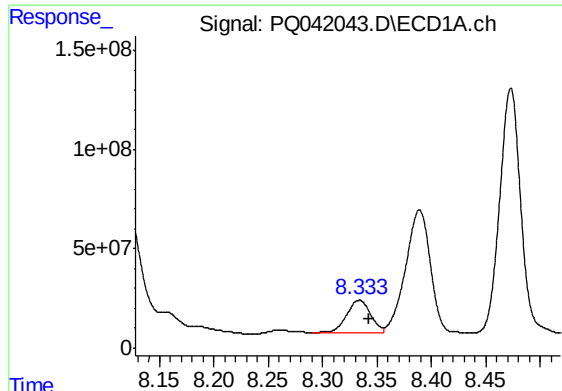
#26 AR-1254-1

R.T.: 8.123 min
Delta R.T.: 0.035 min
Response: 1107147240
Conc: 7958.52 ng/ml



#26 AR-1254-1

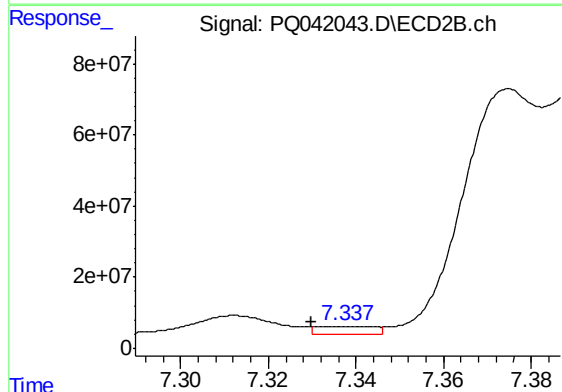
R.T.: 7.142 min
Delta R.T.: -0.020 min
Response: 417123202
Conc: 2280.80 ng/ml



#27 AR-1254-2

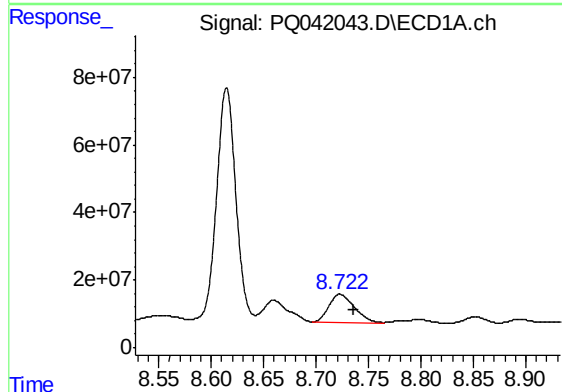
R.T.: 8.334 min
Delta R.T.: -0.009 min
Response: 248677082
Conc: 1086.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



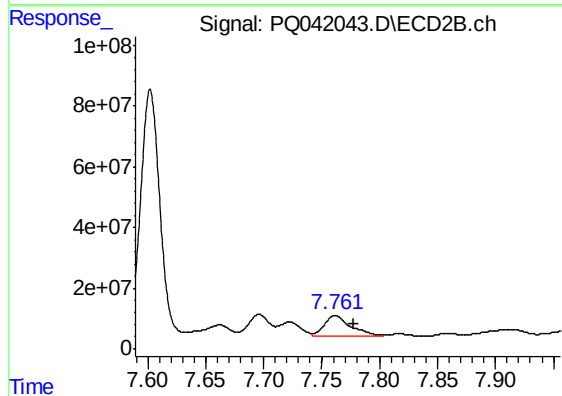
#27 AR-1254-2

R.T.: 7.338 min
Delta R.T.: 0.008 min
Response: 21713637
Conc: 134.14 ng/ml



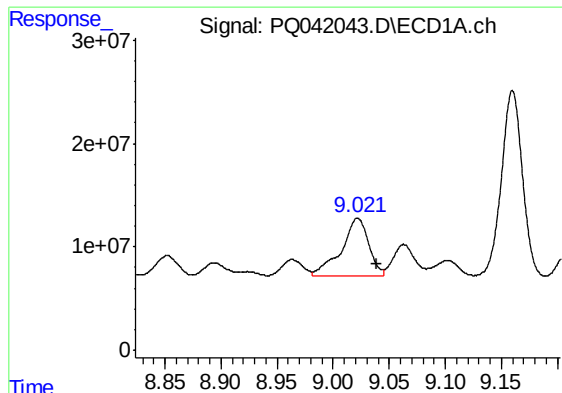
#28 AR-1254-3

R.T.: 8.723 min
Delta R.T.: -0.013 min
Response: 142535235
Conc: 521.29 ng/ml



#28 AR-1254-3

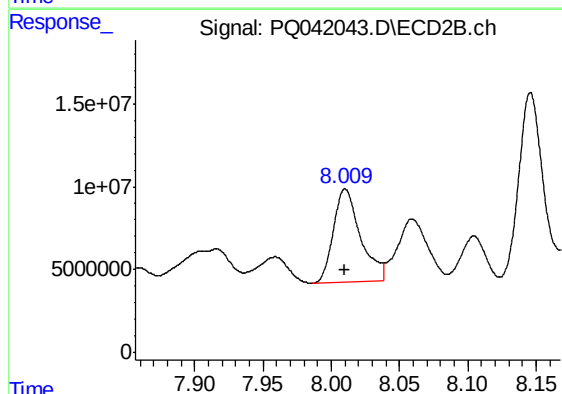
R.T.: 7.762 min
Delta R.T.: -0.016 min
Response: 114121958
Conc: 395.70 ng/ml



#29 AR-1254-4

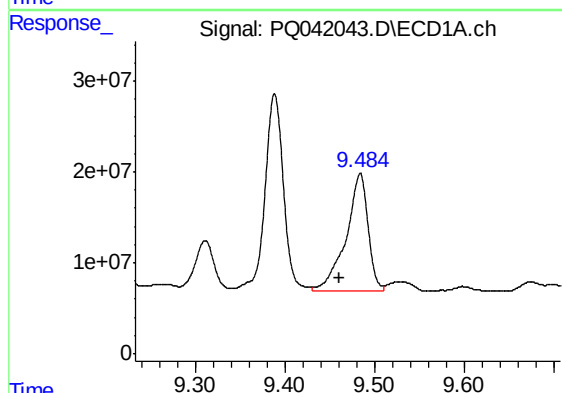
R.T.: 9.022 min
Delta R.T.: -0.017 min
Response: 96303230
Conc: 391.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



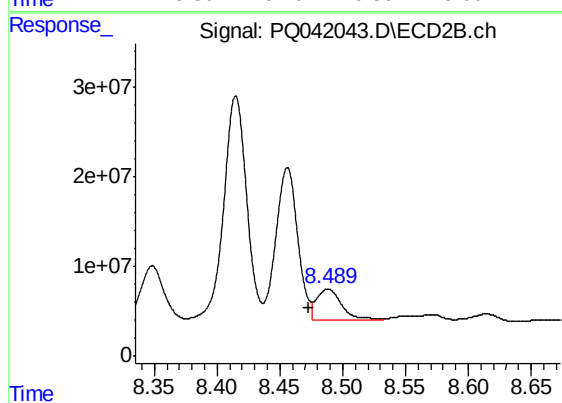
#29 AR-1254-4

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 77923985
Conc: 358.98 ng/ml



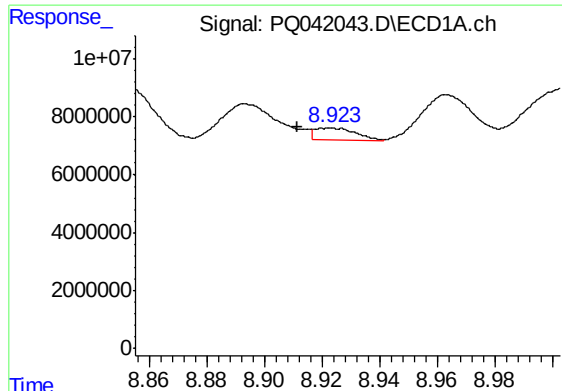
#30 AR-1254-5

R.T.: 9.484 min
Delta R.T.: 0.023 min
Response: 220954864
Conc: 815.80 ng/ml



#30 AR-1254-5

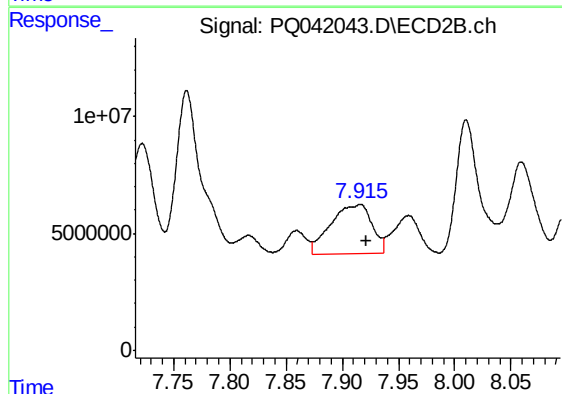
R.T.: 8.488 min
Delta R.T.: 0.016 min
Response: 48952460
Conc: 162.76 ng/ml



#31 AR-1260-1

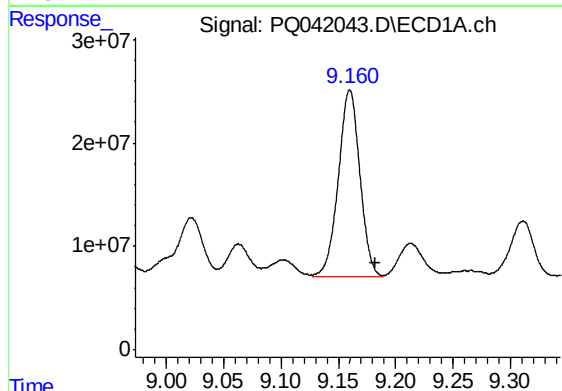
R.T.: 8.923 min
Delta R.T.: 0.011 min
Response: 4054456
Conc: 22.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



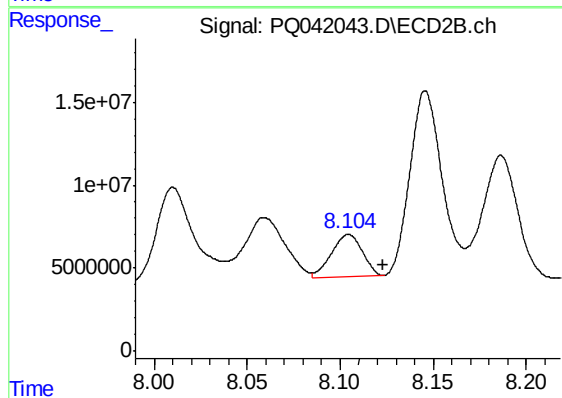
#31 AR-1260-1

R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 53995923
Conc: 297.61 ng/ml



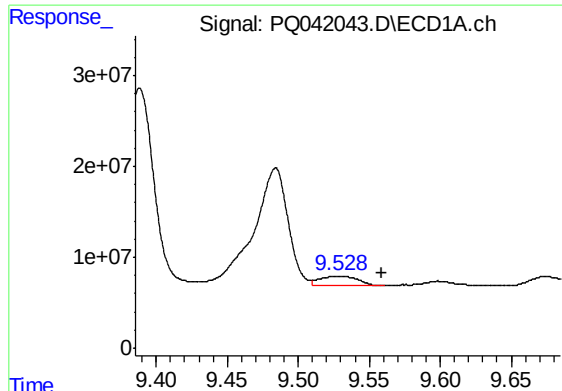
#32 AR-1260-2

R.T.: 9.160 min
Delta R.T.: -0.023 min
Response: 236587161
Conc: 937.81 ng/ml



#32 AR-1260-2

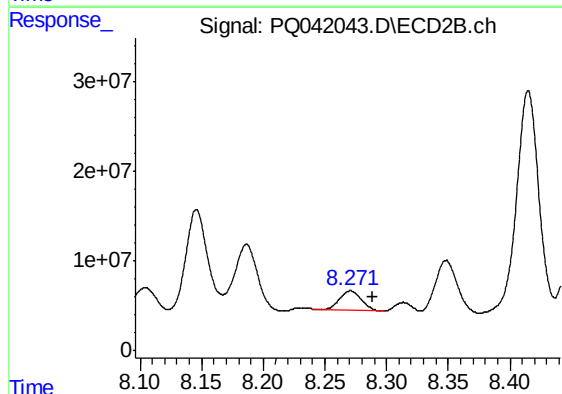
R.T.: 8.104 min
Delta R.T.: -0.019 min
Response: 29546686
Conc: 120.43 ng/ml



#33 AR-1260-3

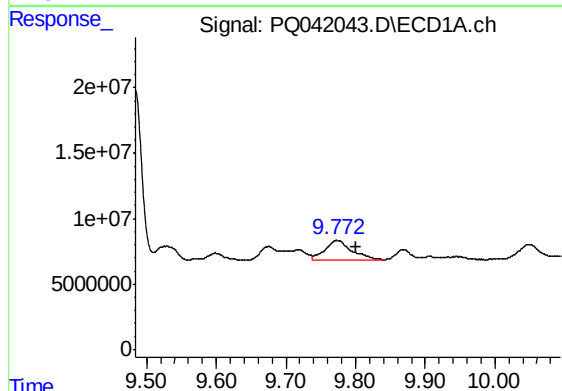
R.T.: 9.528 min
Delta R.T.: -0.030 min
Response: 19226448
Conc: 83.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



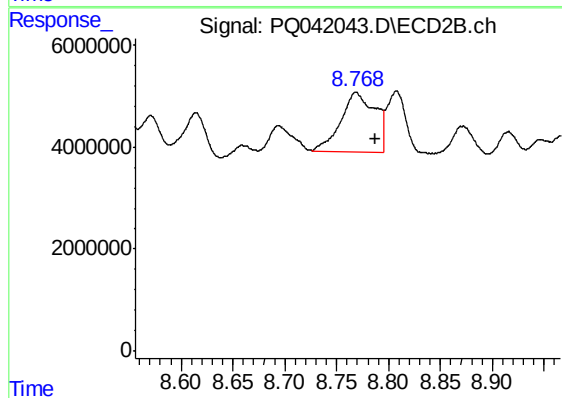
#33 AR-1260-3

R.T.: 8.271 min
Delta R.T.: -0.018 min
Response: 25966793
Conc: 122.04 ng/ml



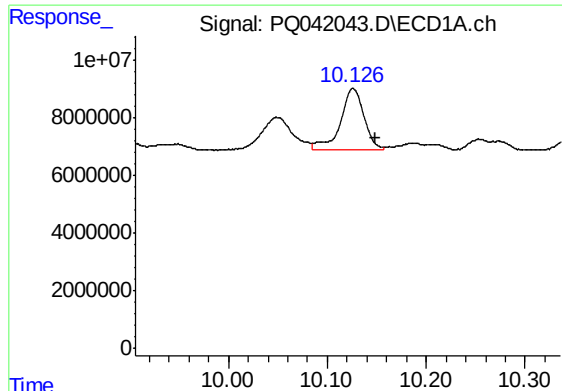
#34 AR-1260-4

R.T.: 9.773 min
Delta R.T.: -0.028 min
Response: 39814811
Conc: 155.93 ng/ml



#34 AR-1260-4

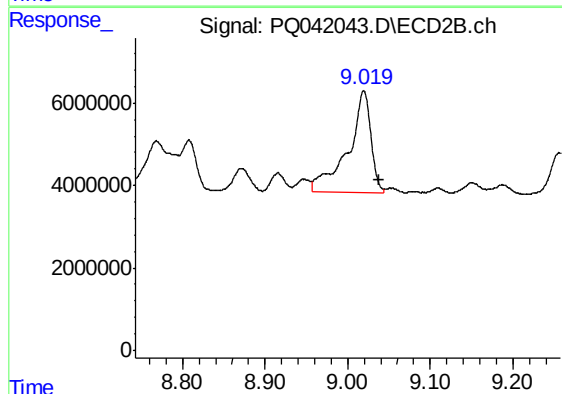
R.T.: 8.769 min
Delta R.T.: -0.019 min
Response: 26709817
Conc: 132.04 ng/ml



#35 AR-1260-5

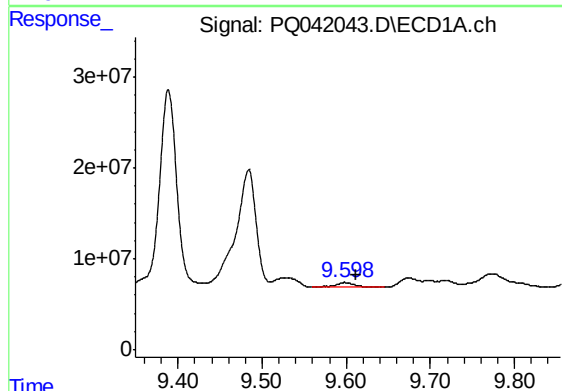
R.T.: 10.126 min
Delta R.T.: -0.023 min
Response: 36341489
Conc: 53.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



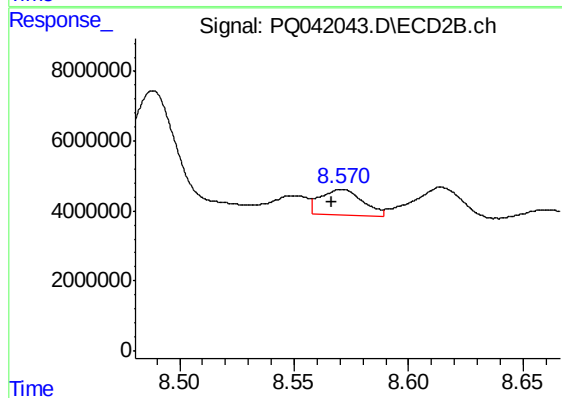
#35 AR-1260-5

R.T.: 9.020 min
Delta R.T.: -0.019 min
Response: 47976069
Conc: 81.29 ng/ml



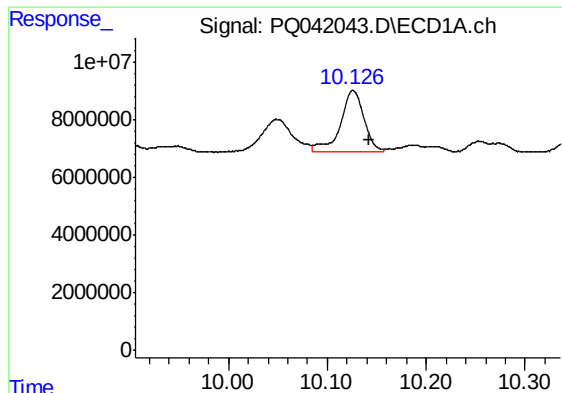
#36 AR-1262-1

R.T.: 9.599 min
Delta R.T.: -0.014 min
Response: 8958329
Conc: 58.29 ng/ml



#36 AR-1262-1

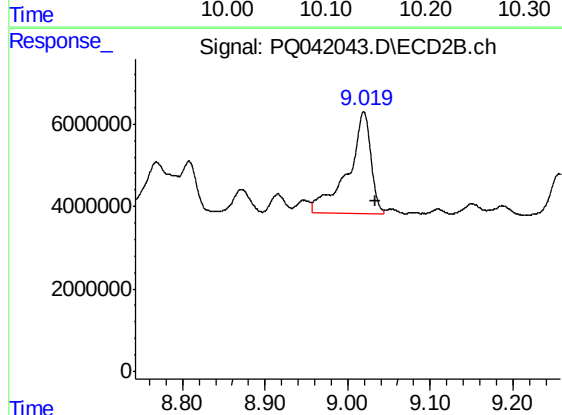
R.T.: 8.571 min
Delta R.T.: 0.004 min
Response: 9371392
Conc: 65.32 ng/ml



#37 AR-1262-2

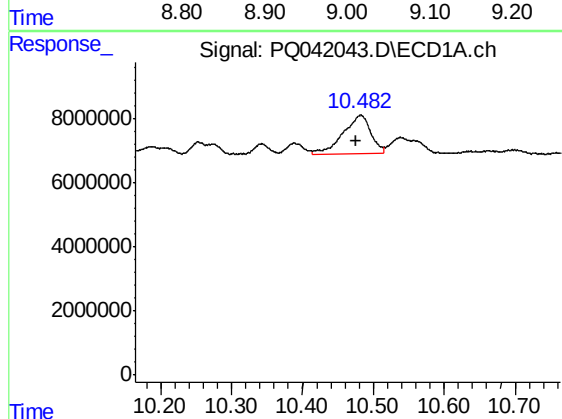
R.T.: 10.126 min
Delta R.T.: -0.016 min
Response: 36341489
Conc: 41.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



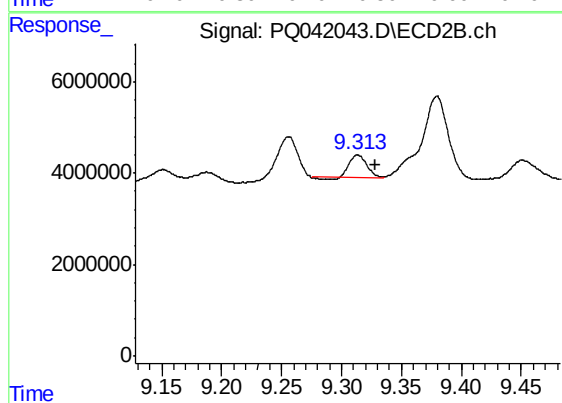
#37 AR-1262-2

R.T.: 9.020 min
Delta R.T.: -0.015 min
Response: 47976069
Conc: 64.74 ng/ml



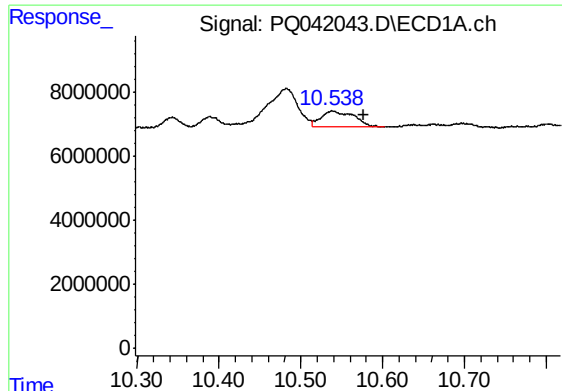
#38 AR-1262-3

R.T.: 10.482 min
Delta R.T.: 0.006 min
Response: 32882332
Conc: 51.78 ng/ml



#38 AR-1262-3

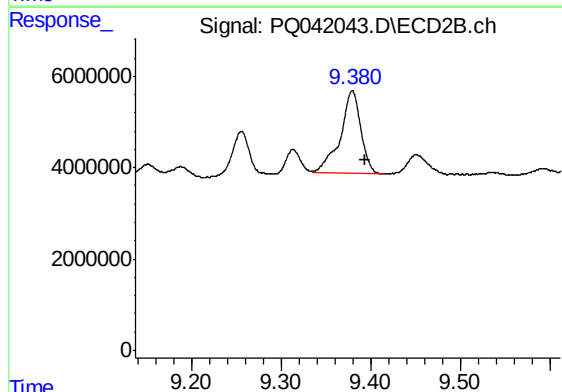
R.T.: 9.314 min
Delta R.T.: -0.014 min
Response: 4483097
Conc: 14.17 ng/ml



#39 AR-1262-4

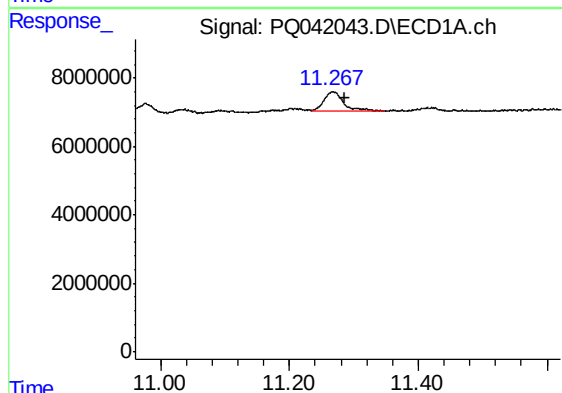
R.T.: 10.538 min
Delta R.T.: -0.038 min
Response: 14081851
Conc: 28.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



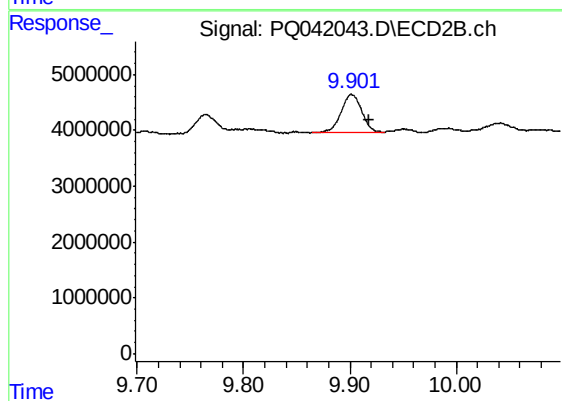
#39 AR-1262-4

R.T.: 9.380 min
Delta R.T.: -0.015 min
Response: 28705364
Conc: 51.04 ng/ml



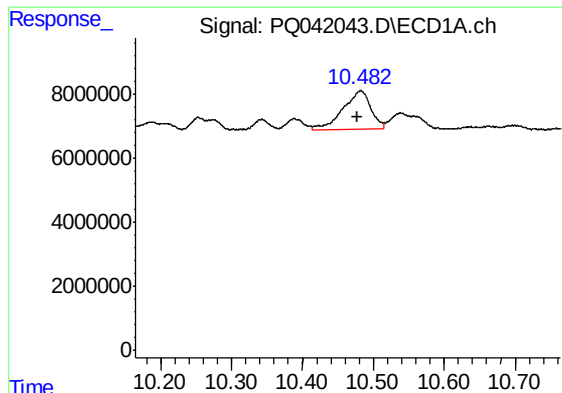
#40 AR-1262-5

R.T.: 11.268 min
Delta R.T.: -0.019 min
Response: 11722761
Conc: 28.80 ng/ml



#40 AR-1262-5

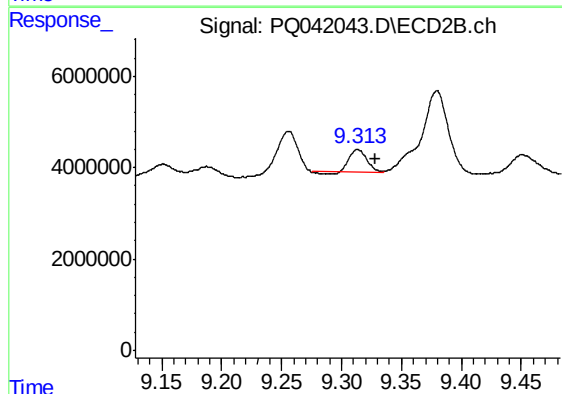
R.T.: 9.902 min
Delta R.T.: -0.016 min
Response: 9237016
Conc: 32.34 ng/ml



#41 AR-1268-1

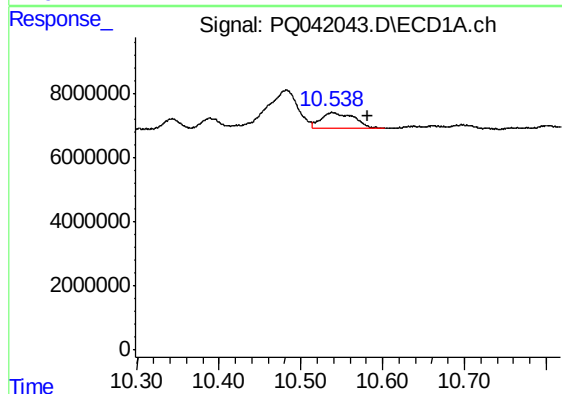
R.T.: 10.482 min
Delta R.T.: 0.004 min
Response: 32882332
Conc: 23.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



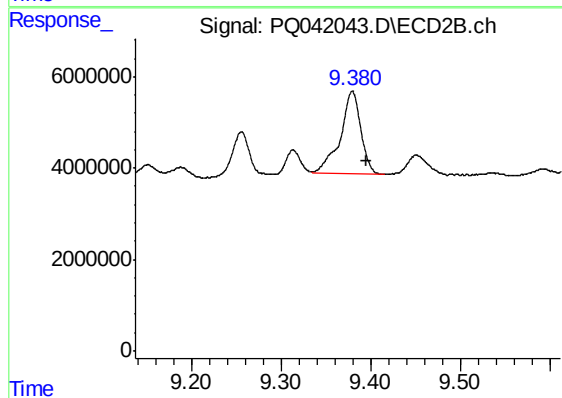
#41 AR-1268-1

R.T.: 9.314 min
Delta R.T.: -0.015 min
Response: 4483097
Conc: 3.92 ng/ml



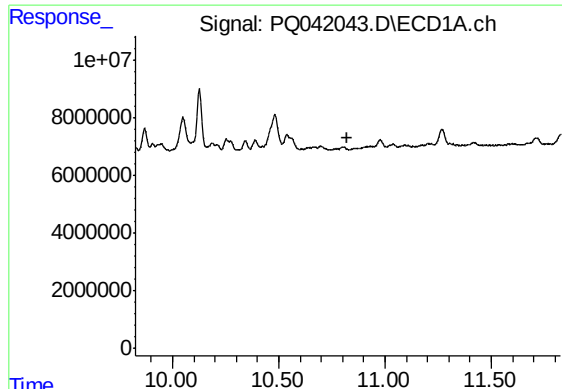
#42 AR-1268-2

R.T.: 10.538 min
Delta R.T.: -0.043 min
Response: 14081851
Conc: 10.68 ng/ml



#42 AR-1268-2

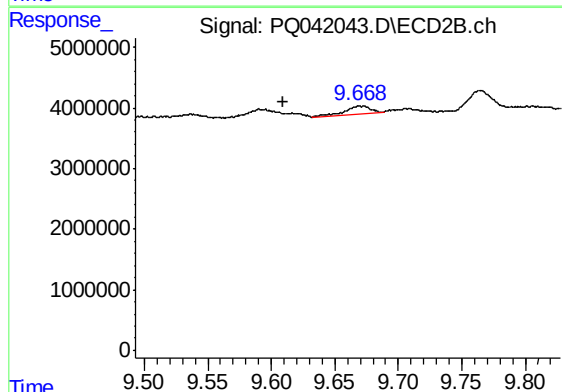
R.T.: 9.380 min
Delta R.T.: -0.016 min
Response: 28705364
Conc: 27.96 ng/ml



#43 AR-1268-3

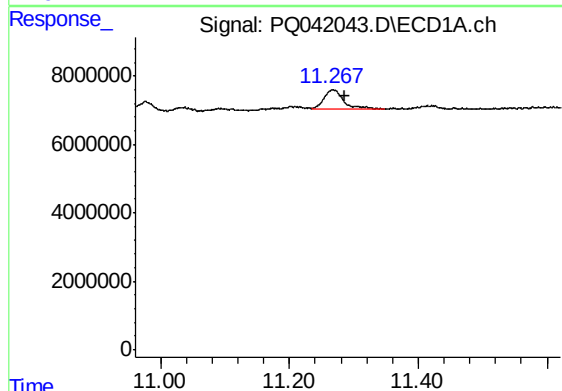
R.T.: 0.000 min
Exp R.T. : 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETP12



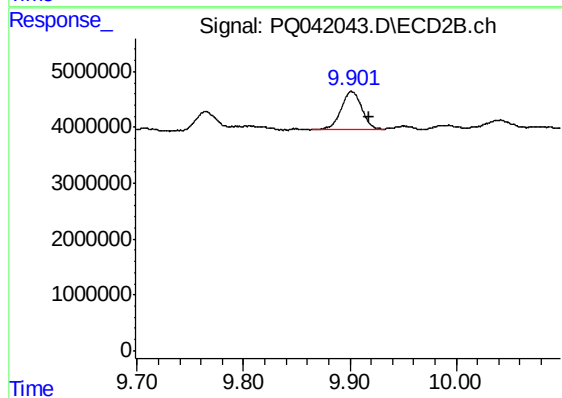
#43 AR-1268-3

R.T.: 9.669 min
Delta R.T.: 0.059 min
Response: 1769377
Conc: 2.04 ng/ml



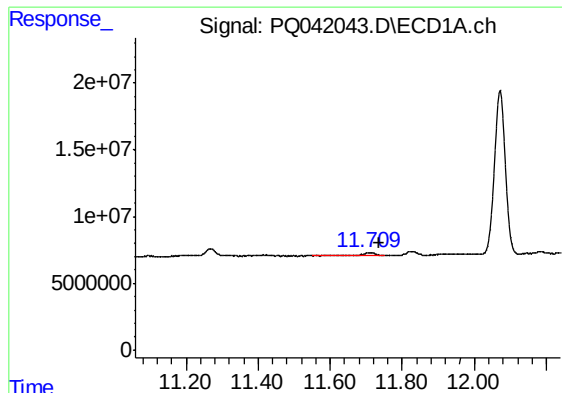
#44 AR-1268-4

R.T.: 11.268 min
Delta R.T.: -0.019 min
Response: 11722761
Conc: 21.53 ng/ml



#44 AR-1268-4

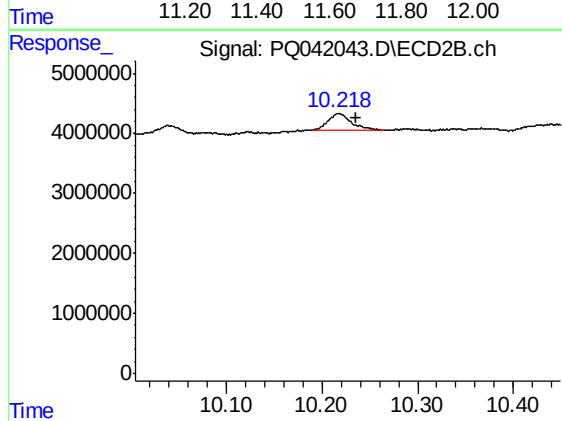
R.T.: 9.902 min
Delta R.T.: -0.017 min
Response: 9237016
Conc: 24.01 ng/ml



#45 AR-1268-5

R.T.: 11.709 min
Delta R.T.: -0.026 min
Response: 6319089
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP12



#45 AR-1268-5

R.T.: 10.218 min
Delta R.T.: -0.018 min
Response: 4744728
Conc: 1.83 ng/ml