

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058542.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 21:11
 Operator : YP\AJ
 Sample : AR1242ICC400
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:09:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 2022
 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...	4.690	4.050	176.1E6	134.4E6	25.032	24.043
2)	SA Decachlor...	10.603	9.174	258.2E6	145.6E6	46.157	43.967
Target Compounds							
3)	L1 AR-1016-1	5.873	5.150	58285636	58575958	385.538	375.239
4)	L1 AR-1016-2	5.895	5.169	101.4E6	85151913	389.401	379.563
5)	L1 AR-1016-3	5.958	5.349	68148154	42069667	422.031	380.745
6)	L1 AR-1016-4	6.058	5.386	55087104	33940859	409.145	356.634
7)	L1 AR-1016-5	6.351	5.605	46401884	45061246	395.515	385.680
8)	L2 AR-1221-1	4.898	4.263	8937945	5794441	114.198	97.610
9)	L2 AR-1221-2	4.992	4.352	11236088	8338920	204.886	203.544
10)	L2 AR-1221-3	5.069	4.429	42214897	35204134	241.295	243.766
11)	L3 AR-1232-1	5.069	4.429	42214897	35204134	266.632	267.001
12)	L3 AR-1232-2	5.603	5.169	52761412	85151913	688.119	726.758
13)	L3 AR-1232-3	5.895	5.349	101.4E6	42069667	721.232	766.803
14)	L3 AR-1232-4	6.058	5.430	55087104	43325559	777.124	823.701
15)	L3 AR-1232-5	6.144	5.605	37494029	45061246	828.811	790.651
16)	L4 AR-1242-1	5.873	5.150	58285636	58575958	422.782	422.539
17)	L4 AR-1242-2	5.895	5.169	101.4E6	85151913	421.693	425.823
18)	L4 AR-1242-3	5.958	5.349	68148154	42069667	429.055	425.873
19)	L4 AR-1242-4	6.058	5.430	55087104	43325559	418.793	426.275
20)	L4 AR-1242-5	6.796	5.957	46860712	48856380	411.160	418.557
21)	L5 AR-1248-1	5.873	5.150	58285636	58575958	495.929	506.045
22)	L5 AR-1248-2	6.144	5.386	37494029	33940859	222.707	203.536
23)	L5 AR-1248-3	6.351	5.430	46401884	43325559	229.551	250.778
24)	L5 AR-1248-4	6.756	5.605	40494819	45061246	204.367	227.199
25)	L5 AR-1248-5	6.796	5.999	46860712	39738061	221.622	223.907
26)	L6 AR-1254-1	6.728	5.957	31302126	48856380	150.329	161.586
27)	L6 AR-1254-2	6.955	6.103	37596327	12178874	120.790	46.851 #
28)	L6 AR-1254-3	7.317	6.512	17108570	14660560	47.725	36.604
29)	L6 AR-1254-4	7.603	6.738	10277617	10120499	47.353	39.517
30)	L6 AR-1254-5	8.025	7.159	2825106	3318296	10.854	10.878
31)	L7 AR-1260-1	7.478	6.630	1976895	3123576	11.226	15.605 #
32)	L7 AR-1260-2	7.729	6.826	4130817	1641995	19.725	7.055 #
33)	L7 AR-1260-3	8.025	6.985	2825106	1911046	10.683	8.933
34)	L7 AR-1260-4	8.326	7.499f	2271303	1174748	11.165	6.647 #
35)	L7 AR-1260-5	8.701	7.700	1679443	206153	3.810	0.518 #
36)	L8 AR-1262-1	8.125	7.159	68576	3318296	0.210	20.579 #
37)	L8 AR-1262-2	8.701	7.700	1679443	206153	2.625	0.369 #
38)	L8 AR-1262-3	8.998	0.000	292713	0	0.837	N.D. #
39)	L8 AR-1262-4	9.038f	0.000	1093248	0	3.497	N.D. #
41)	L9 AR-1268-1	8.998	0.000	292713	0	0.282	N.D. #
42)	L9 AR-1268-2	9.038f	0.000	1093248	0	1.007	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058542.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 21:11
 Operator : YP\AJ
 Sample : AR1242ICC400
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:09:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

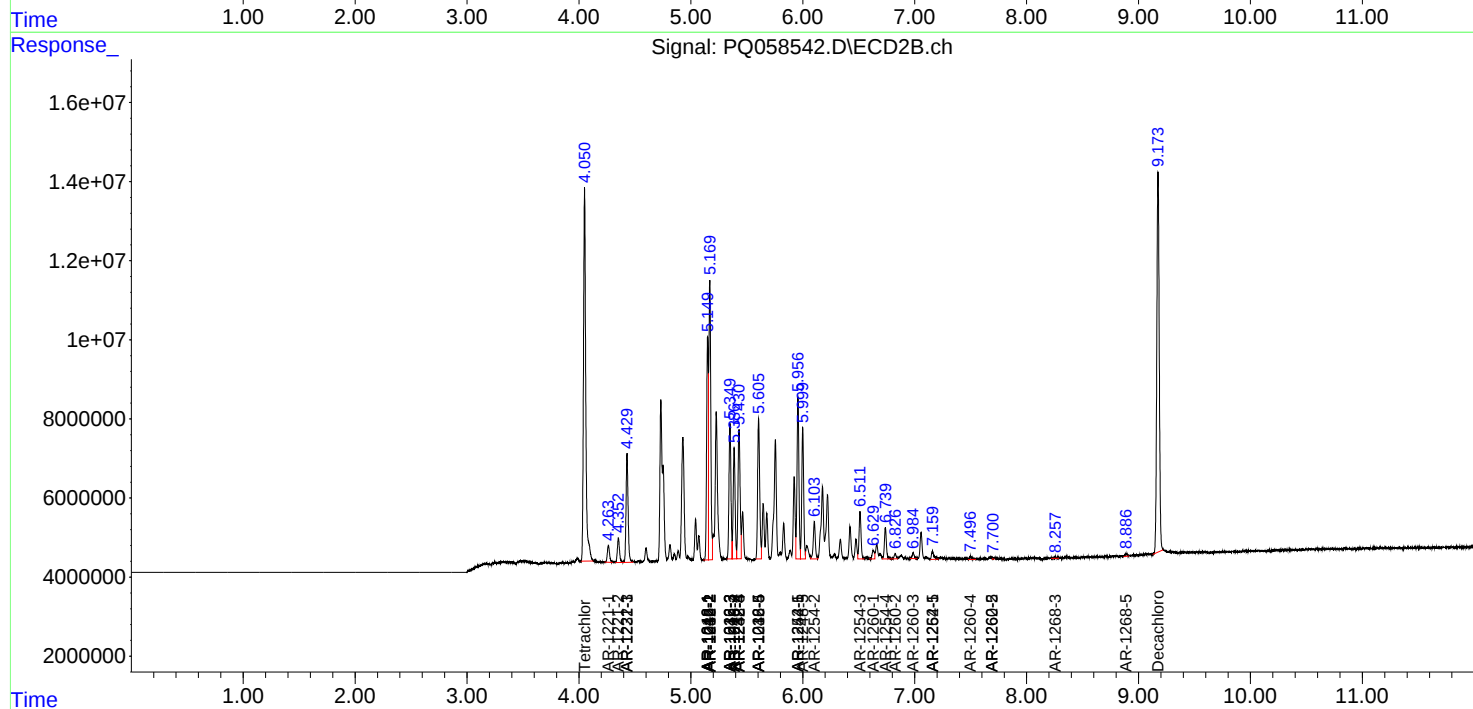
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

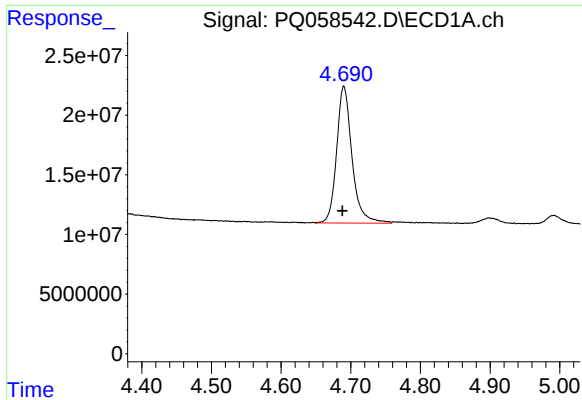
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.334	8.258	1252266	463884	1.269	0.756 #
45) L9	AR-1268-5	10.238	8.892	3039078	1041632	1.009	0.566 #

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

Instrument :
ECD_Q
ClientSampleId :

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

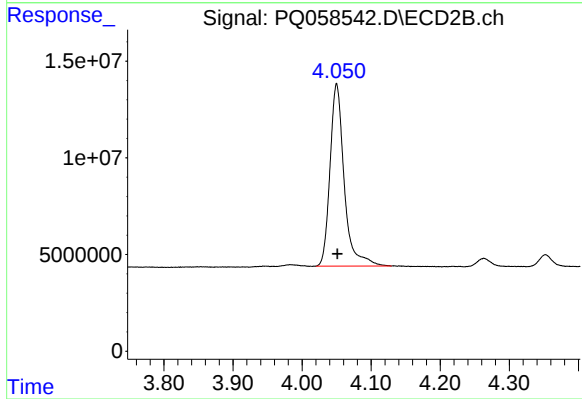




#1 Tetrachloro-m-xylene

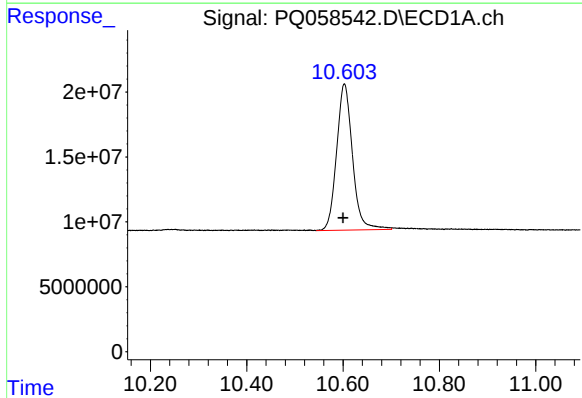
R.T.: 4.690 min
Delta R.T.: 0.002 min
Response: 176125360
Conc: 25.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



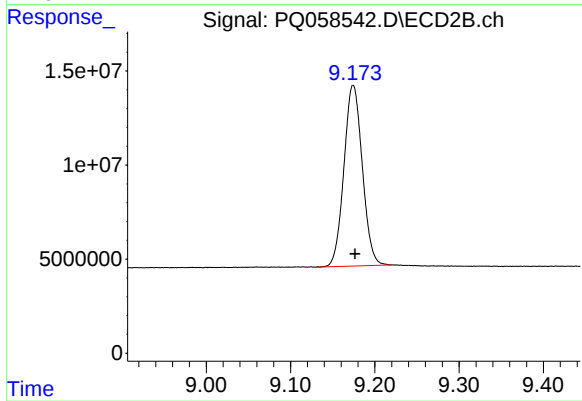
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 134405250
Conc: 24.04 ng/ml



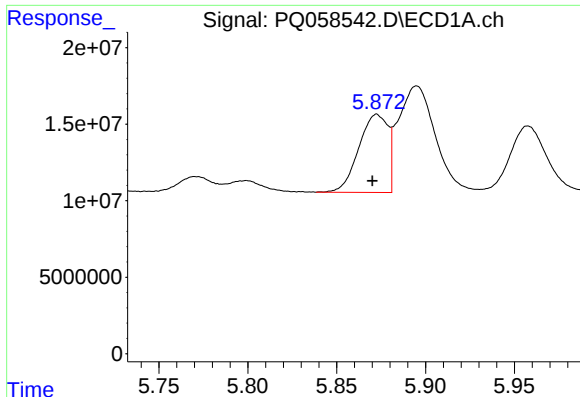
#2 Decachlorobiphenyl

R.T.: 10.603 min
Delta R.T.: 0.003 min
Response: 258208033
Conc: 46.16 ng/ml



#2 Decachlorobiphenyl

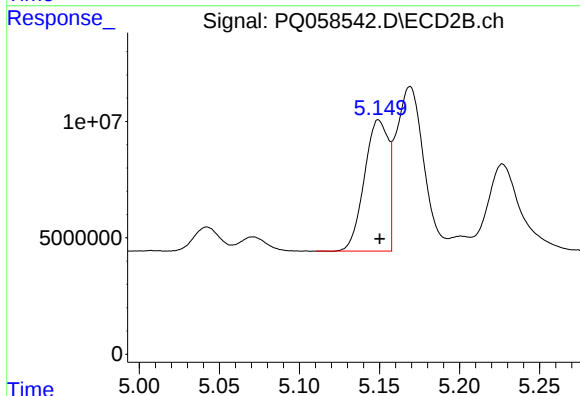
R.T.: 9.174 min
Delta R.T.: -0.002 min
Response: 145581860
Conc: 43.97 ng/ml



#3 AR-1016-1

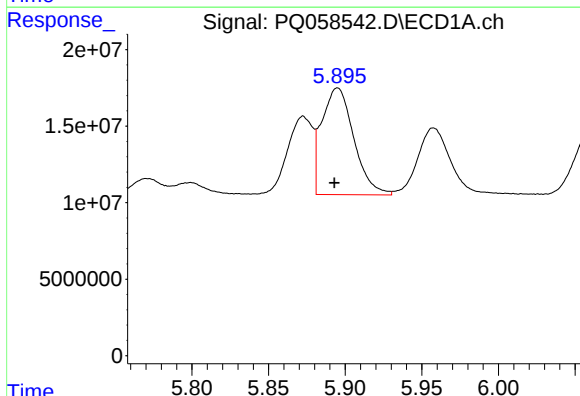
R.T.: 5.873 min
Delta R.T.: 0.002 min
Response: 58285636
Conc: 385.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



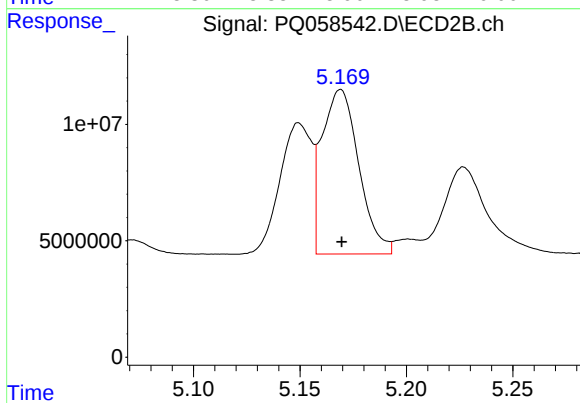
#3 AR-1016-1

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 58575958
Conc: 375.24 ng/ml



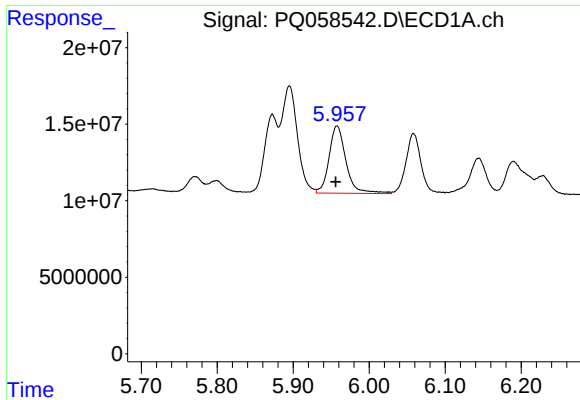
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 101368628
Conc: 389.40 ng/ml



#4 AR-1016-2

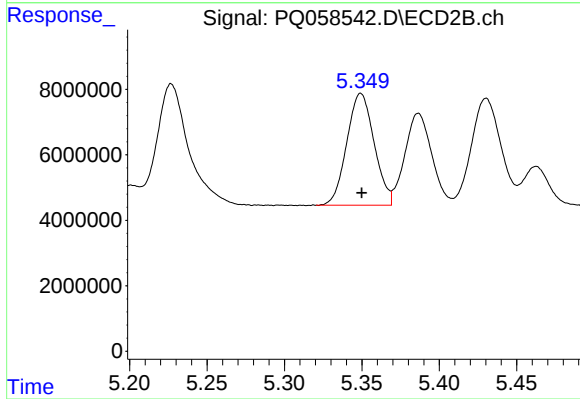
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 85151913
Conc: 379.56 ng/ml



#5 AR-1016-3

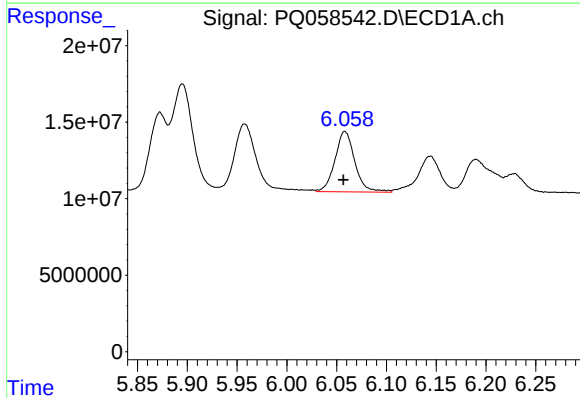
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 68148154
Conc: 422.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



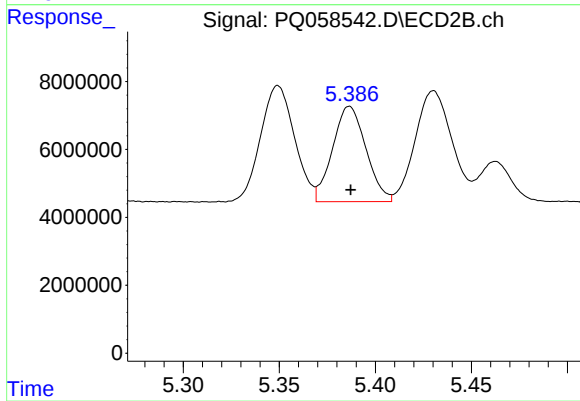
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 42069667
Conc: 380.75 ng/ml



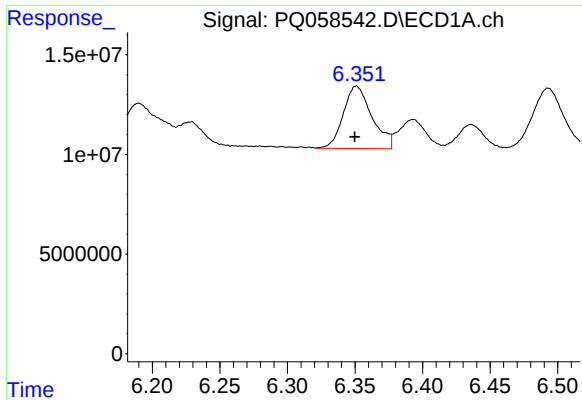
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: 0.002 min
Response: 55087104
Conc: 409.14 ng/ml



#6 AR-1016-4

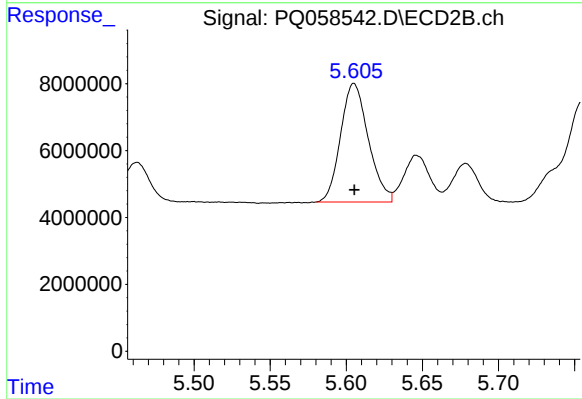
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 33940859
Conc: 356.63 ng/ml



#7 AR-1016-5

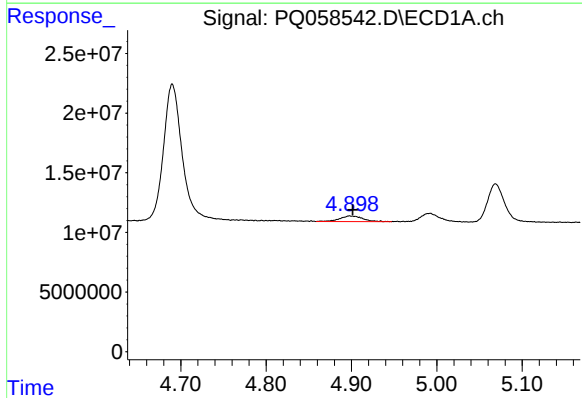
R.T.: 6.351 min
Delta R.T.: 0.001 min
Response: 46401884
Conc: 395.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



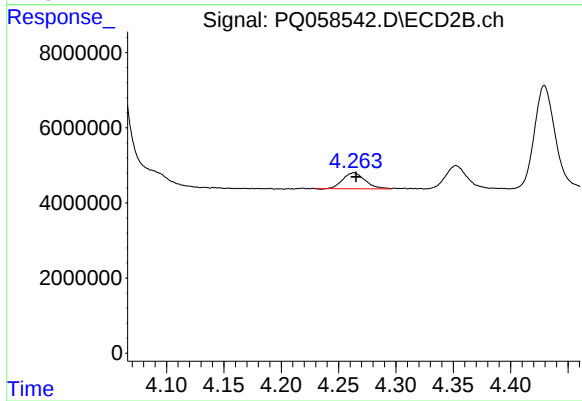
#7 AR-1016-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 45061246
Conc: 385.68 ng/ml



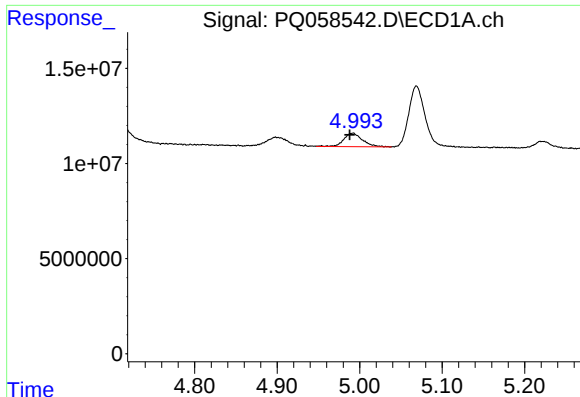
#8 AR-1221-1

R.T.: 4.898 min
Delta R.T.: -0.003 min
Response: 8937945
Conc: 114.20 ng/ml



#8 AR-1221-1

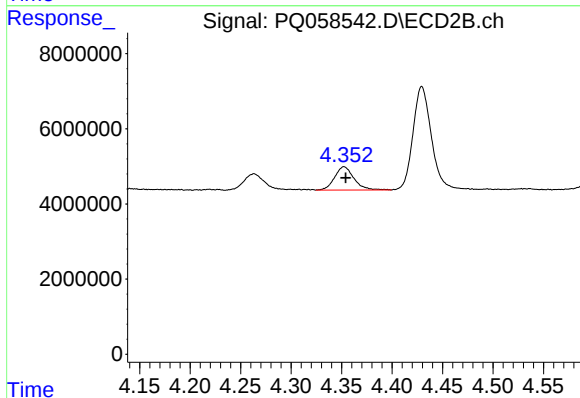
R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 5794441
Conc: 97.61 ng/ml



#9 AR-1221-2

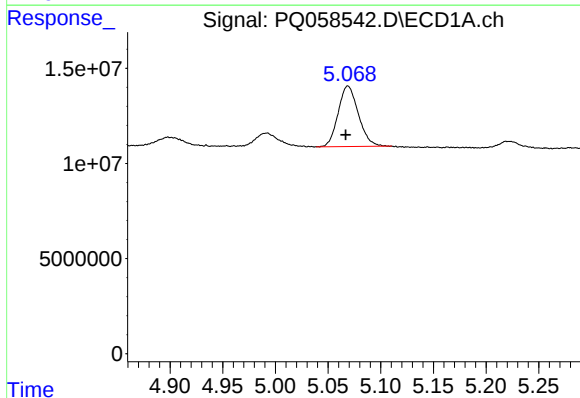
R.T.: 4.992 min
Delta R.T.: 0.004 min
Response: 11236088
Conc: 204.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



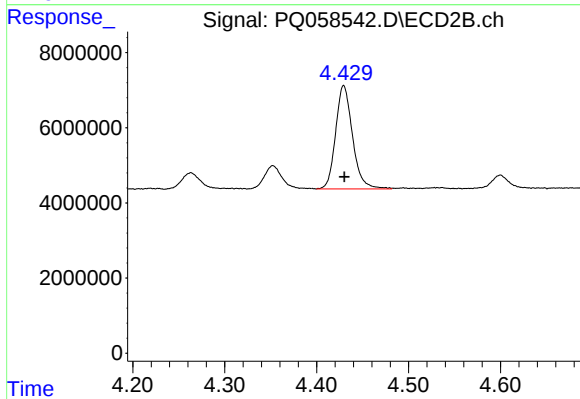
#9 AR-1221-2

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 8338920
Conc: 203.54 ng/ml



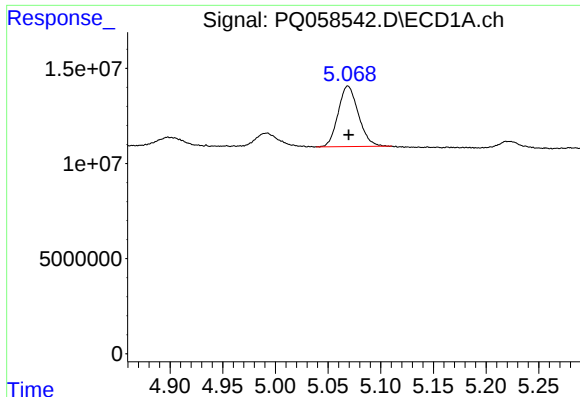
#10 AR-1221-3

R.T.: 5.069 min
Delta R.T.: 0.002 min
Response: 42214897
Conc: 241.29 ng/ml



#10 AR-1221-3

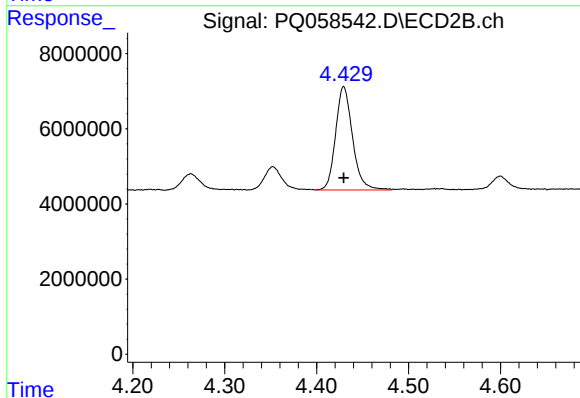
R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 35204134
Conc: 243.77 ng/ml



#11 AR-1232-1

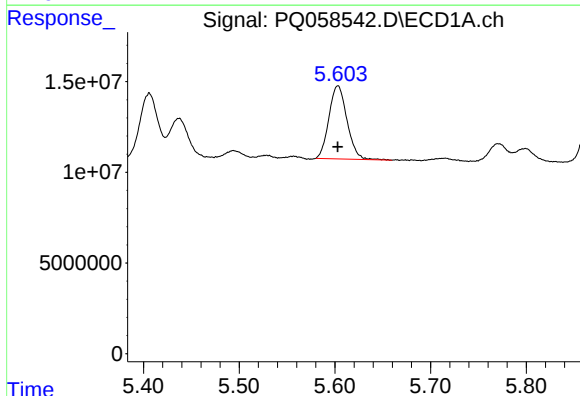
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 42214897
Conc: 266.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



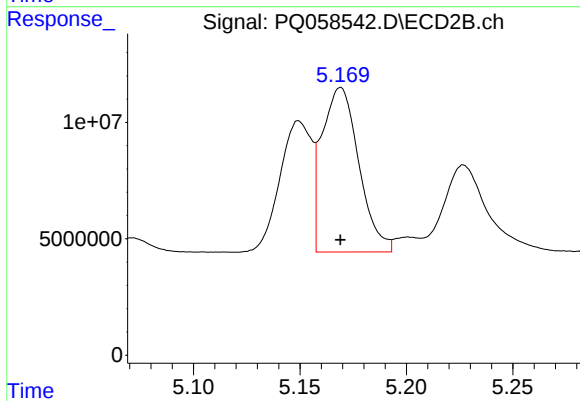
#11 AR-1232-1

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 35204134
Conc: 267.00 ng/ml



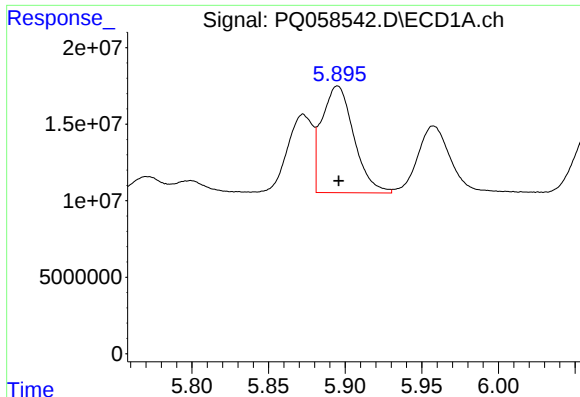
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 52761412
Conc: 688.12 ng/ml



#12 AR-1232-2

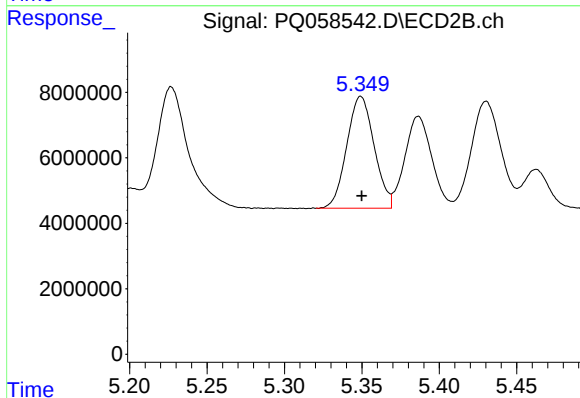
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 85151913
Conc: 726.76 ng/ml



#13 AR-1232-3

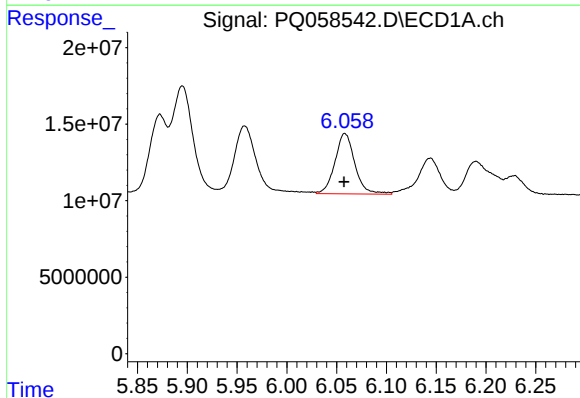
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 101368628
Conc: 721.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



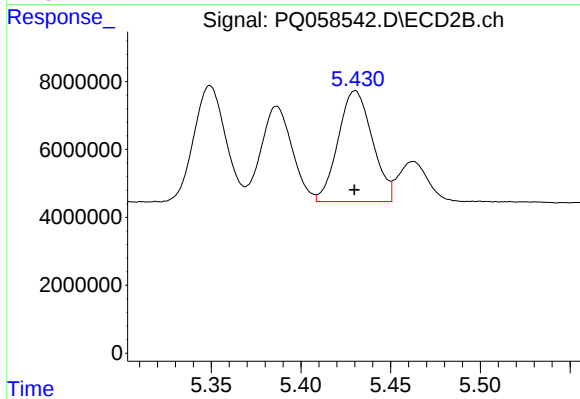
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 42069667
Conc: 766.80 ng/ml



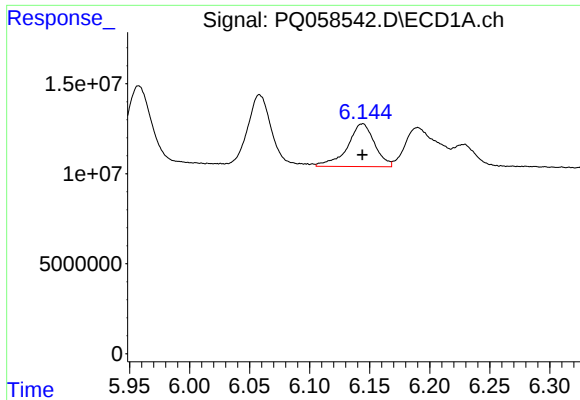
#14 AR-1232-4

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 55087104
Conc: 777.12 ng/ml



#14 AR-1232-4

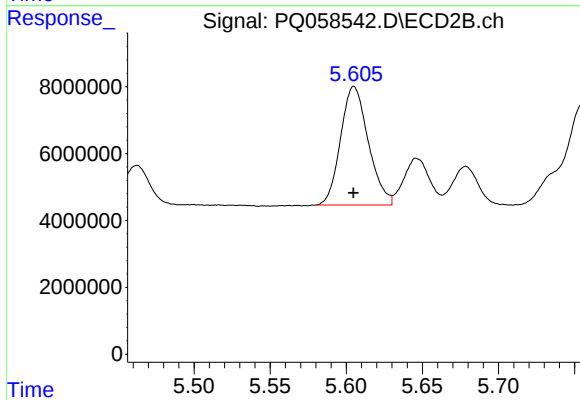
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 43325559
Conc: 823.70 ng/ml



#15 AR-1232-5

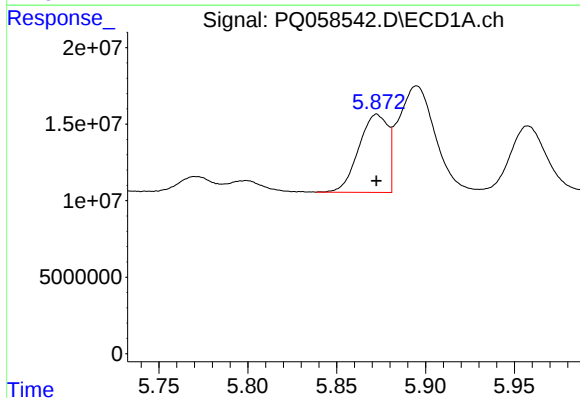
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 37494029
Conc: 828.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



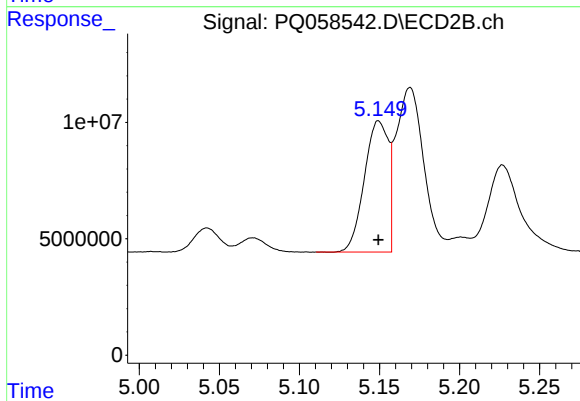
#15 AR-1232-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 45061246
Conc: 790.65 ng/ml



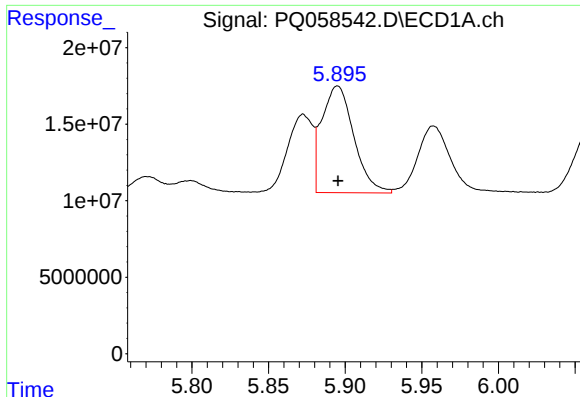
#16 AR-1242-1

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 58285636
Conc: 422.78 ng/ml



#16 AR-1242-1

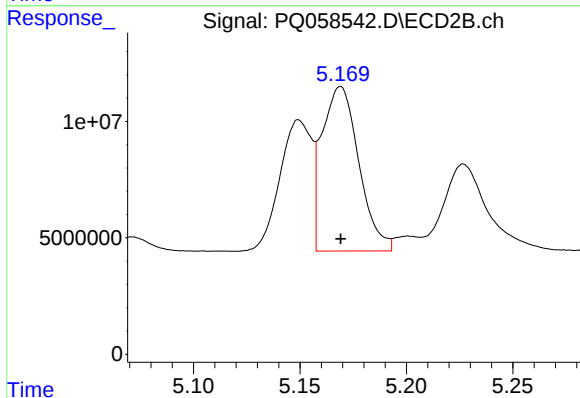
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 58575958
Conc: 422.54 ng/ml



#17 AR-1242-2

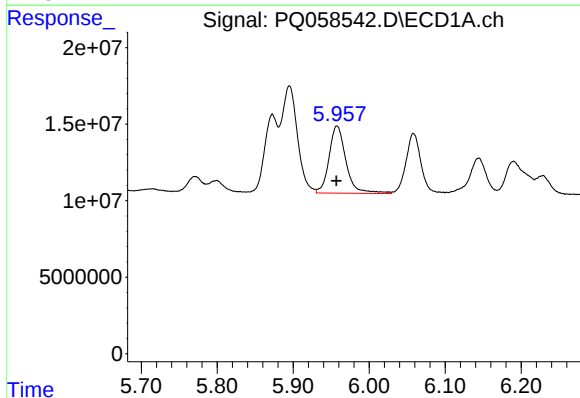
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 101368628
Conc: 421.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



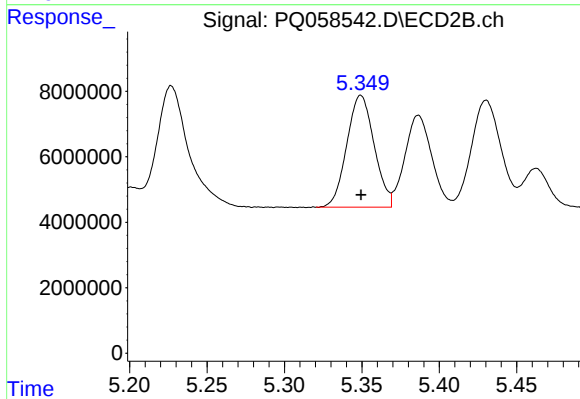
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 85151913
Conc: 425.82 ng/ml



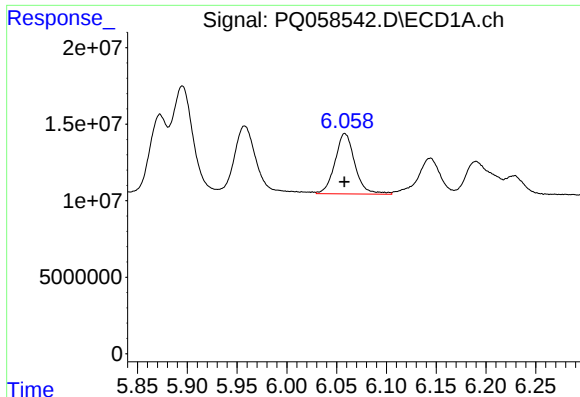
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 68148154
Conc: 429.06 ng/ml



#18 AR-1242-3

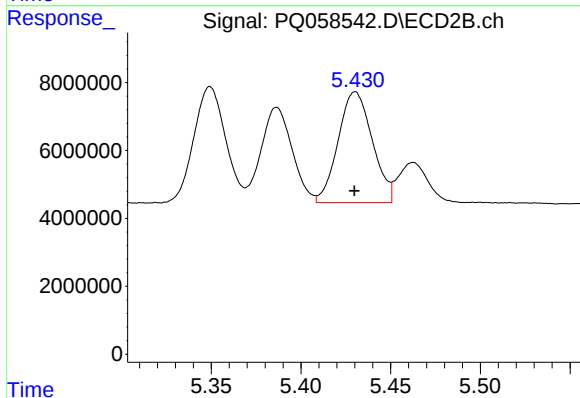
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 42069667
Conc: 425.87 ng/ml



#19 AR-1242-4

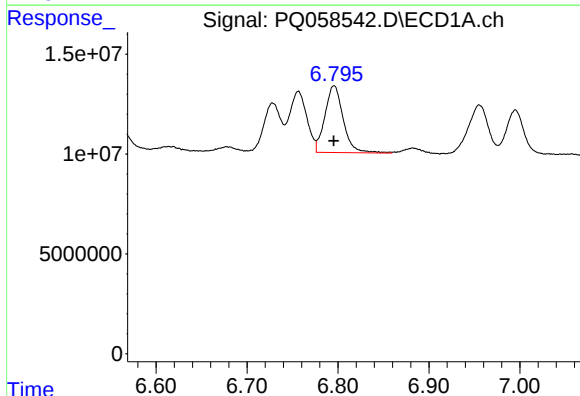
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 55087104
Conc: 418.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



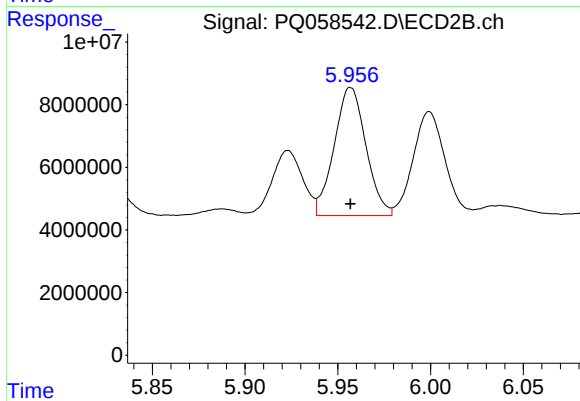
#19 AR-1242-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 43325559
Conc: 426.28 ng/ml



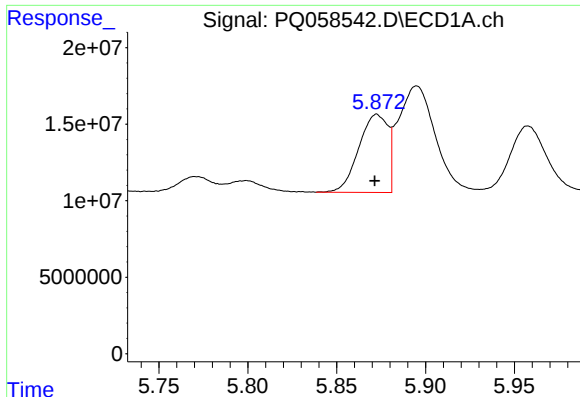
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 46860712
Conc: 411.16 ng/ml



#20 AR-1242-5

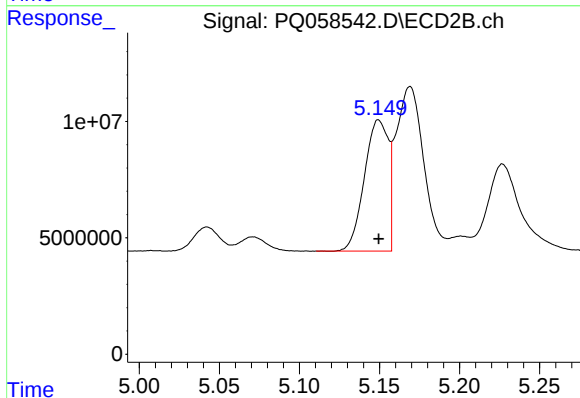
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 48856380
Conc: 418.56 ng/ml



#21 AR-1248-1

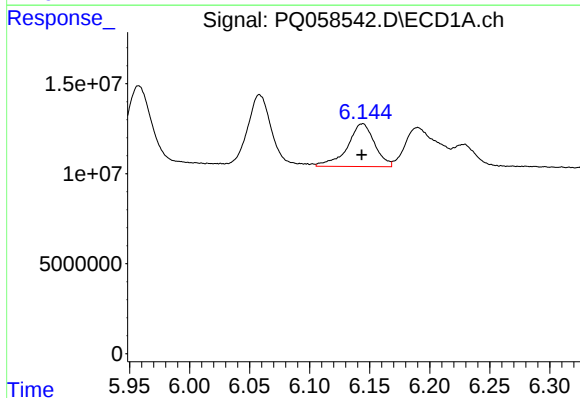
R.T.: 5.873 min
Delta R.T.: 0.001 min
Response: 58285636
Conc: 495.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



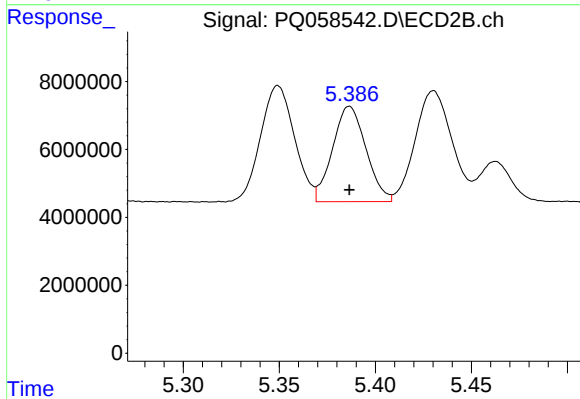
#21 AR-1248-1

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 58575958
Conc: 506.05 ng/ml



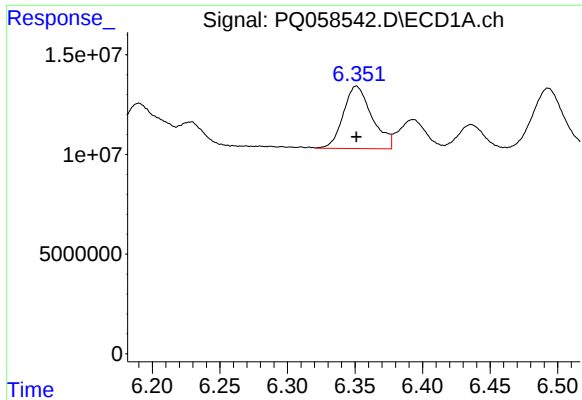
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 37494029
Conc: 222.71 ng/ml



#22 AR-1248-2

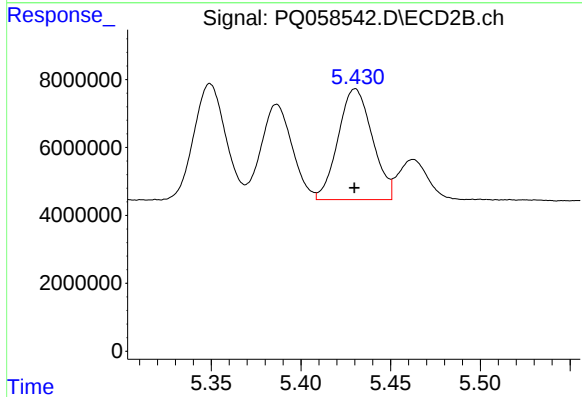
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 33940859
Conc: 203.54 ng/ml



#23 AR-1248-3

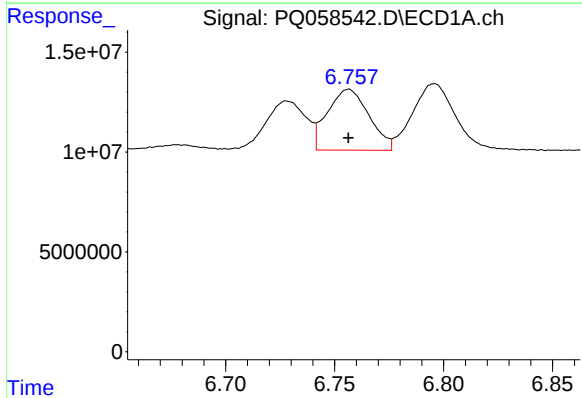
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 46401884
Conc: 229.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



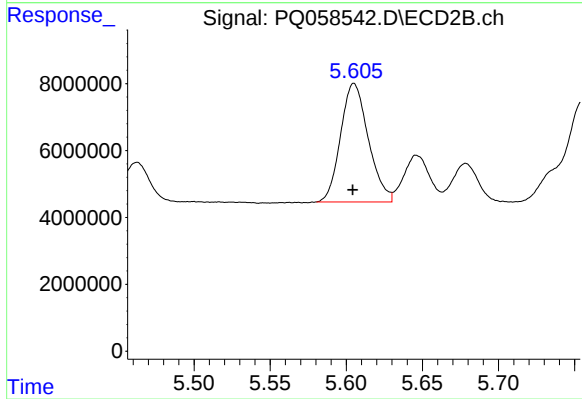
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 43325559
Conc: 250.78 ng/ml



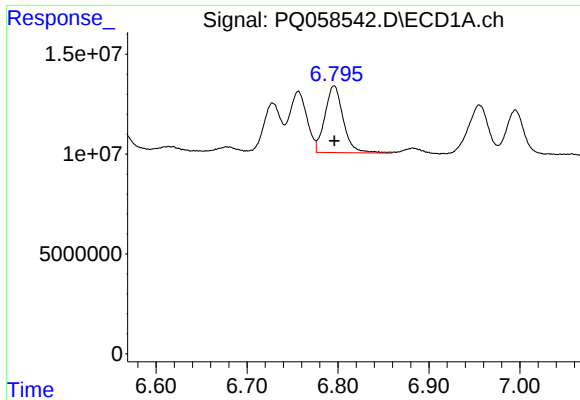
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 40494819
Conc: 204.37 ng/ml



#24 AR-1248-4

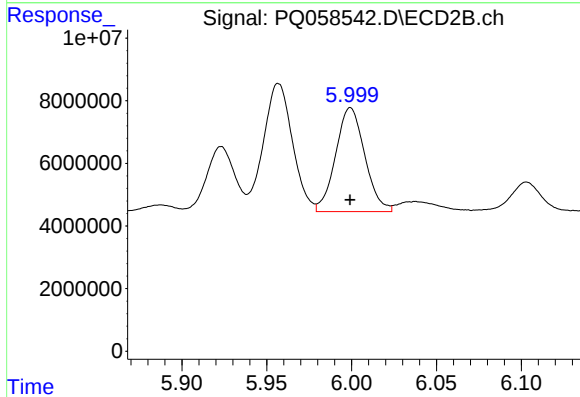
R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 45061246
Conc: 227.20 ng/ml



#25 AR-1248-5

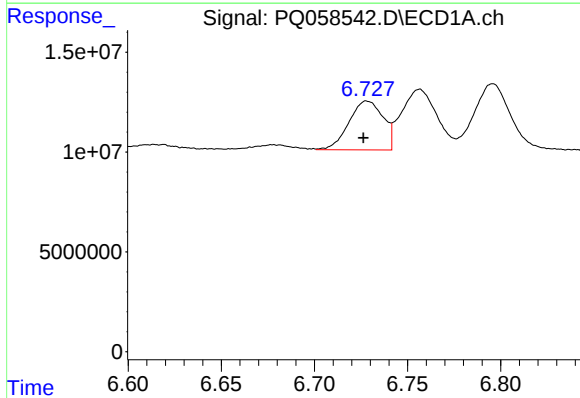
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 46860712
Conc: 221.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



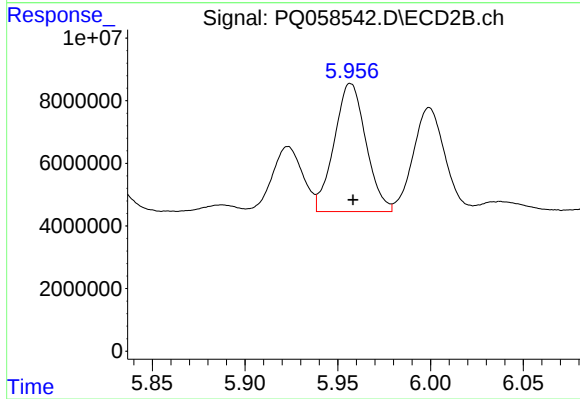
#25 AR-1248-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 39738061
Conc: 223.91 ng/ml



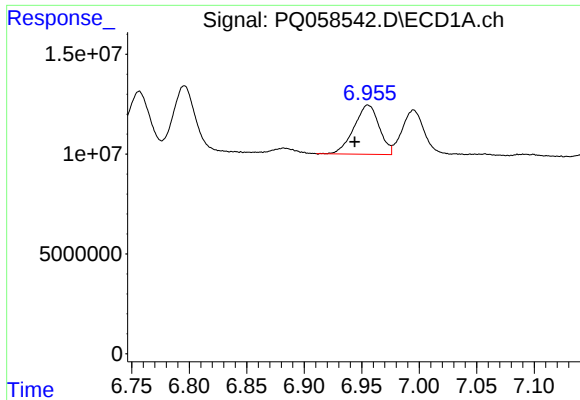
#26 AR-1254-1

R.T.: 6.728 min
Delta R.T.: 0.002 min
Response: 31302126
Conc: 150.33 ng/ml



#26 AR-1254-1

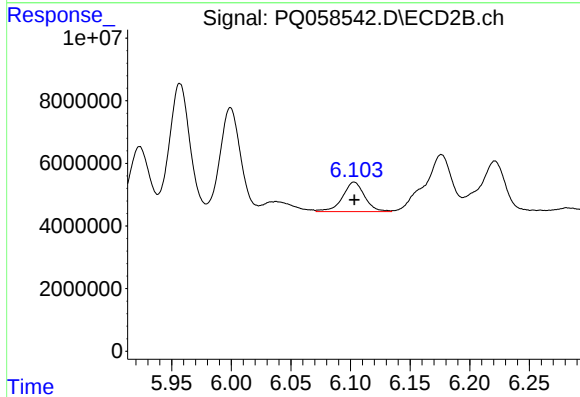
R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 48856380
Conc: 161.59 ng/ml



#27 AR-1254-2

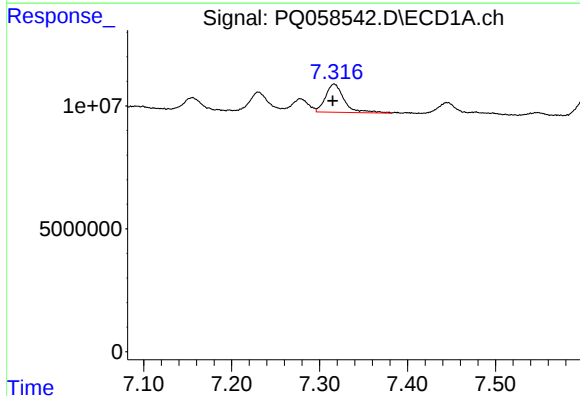
R.T.: 6.955 min
Delta R.T.: 0.011 min
Response: 37596327
Conc: 120.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



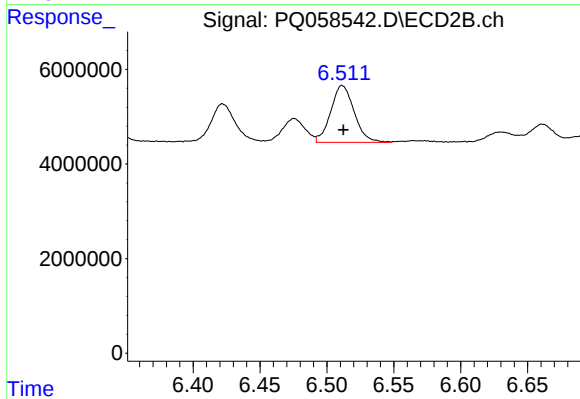
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 12178874
Conc: 46.85 ng/ml



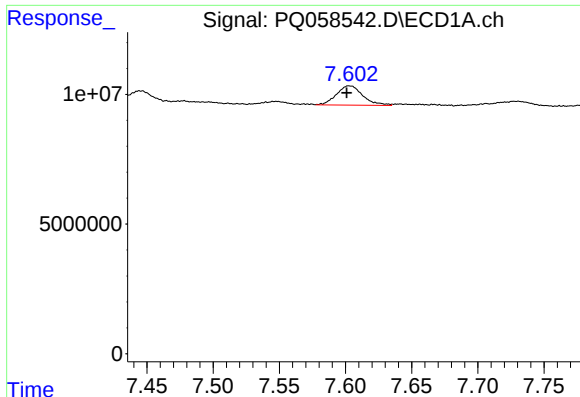
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.002 min
Response: 17108570
Conc: 47.73 ng/ml



#28 AR-1254-3

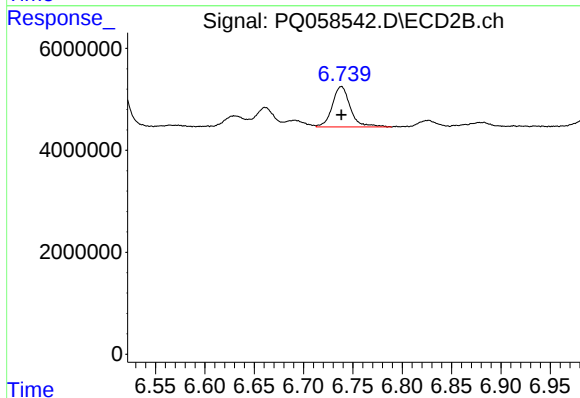
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 14660560
Conc: 36.60 ng/ml



#29 AR-1254-4

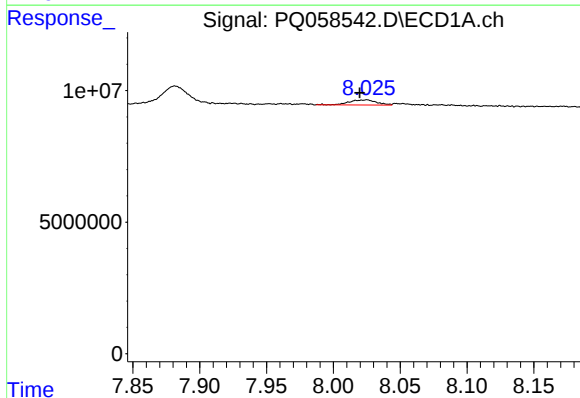
R.T.: 7.603 min
Delta R.T.: 0.002 min
Response: 10277617
Conc: 47.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



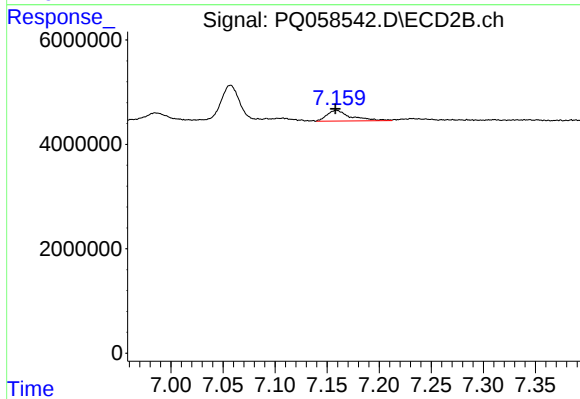
#29 AR-1254-4

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 10120499
Conc: 39.52 ng/ml



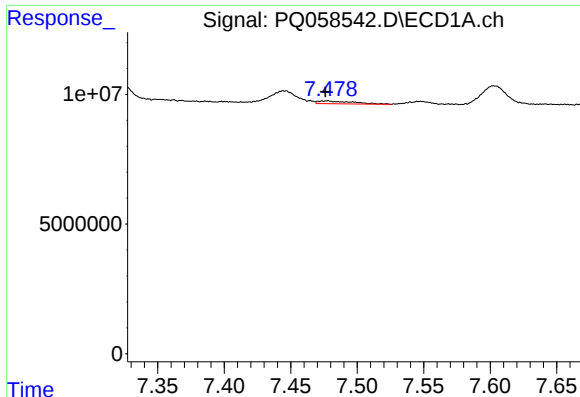
#30 AR-1254-5

R.T.: 8.025 min
Delta R.T.: 0.005 min
Response: 2825106
Conc: 10.85 ng/ml



#30 AR-1254-5

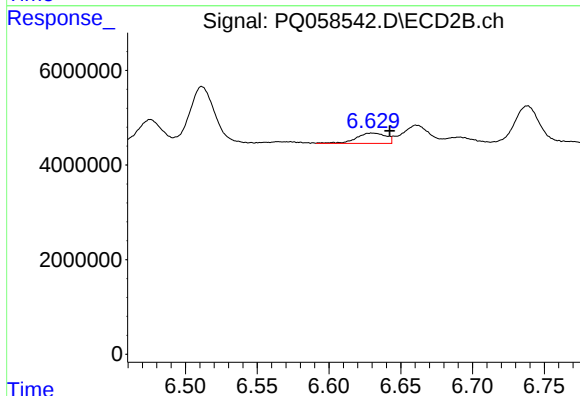
R.T.: 7.159 min
Delta R.T.: 0.001 min
Response: 3318296
Conc: 10.88 ng/ml



#31 AR-1260-1

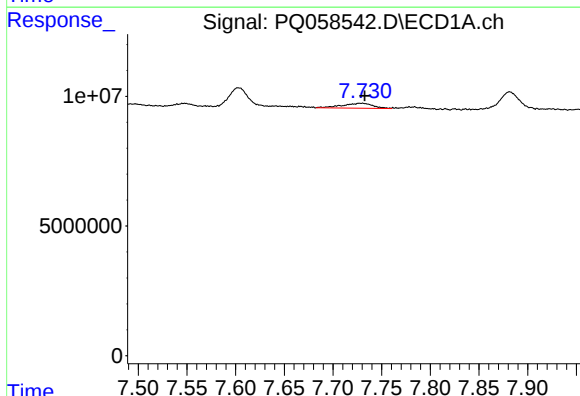
R.T.: 7.478 min
Delta R.T.: 0.002 min
Response: 1976895
Conc: 11.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



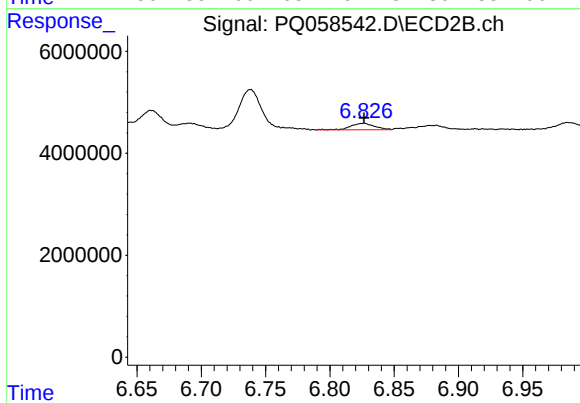
#31 AR-1260-1

R.T.: 6.630 min
Delta R.T.: -0.012 min
Response: 3123576
Conc: 15.60 ng/ml



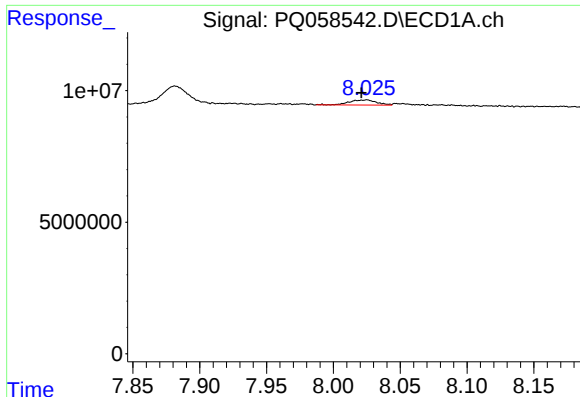
#32 AR-1260-2

R.T.: 7.729 min
Delta R.T.: -0.003 min
Response: 4130817
Conc: 19.73 ng/ml



#32 AR-1260-2

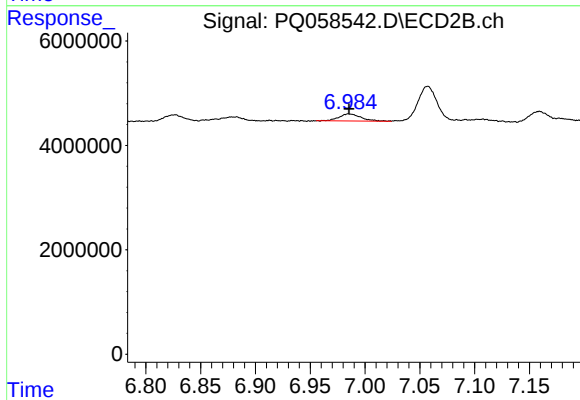
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 1641995
Conc: 7.06 ng/ml



#33 AR-1260-3

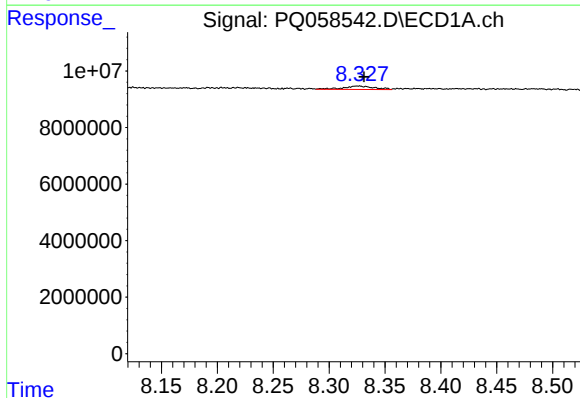
R.T.: 8.025 min
Delta R.T.: 0.004 min
Response: 2825106
Conc: 10.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



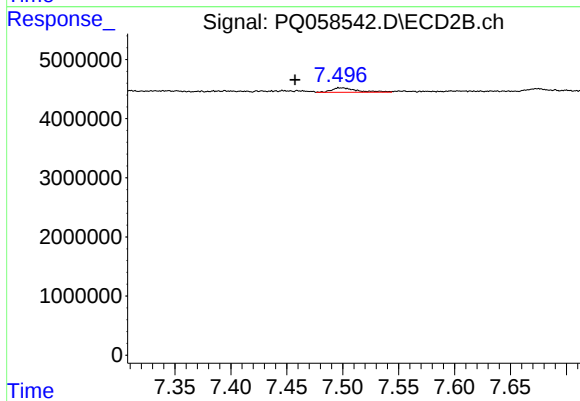
#33 AR-1260-3

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1911046
Conc: 8.93 ng/ml



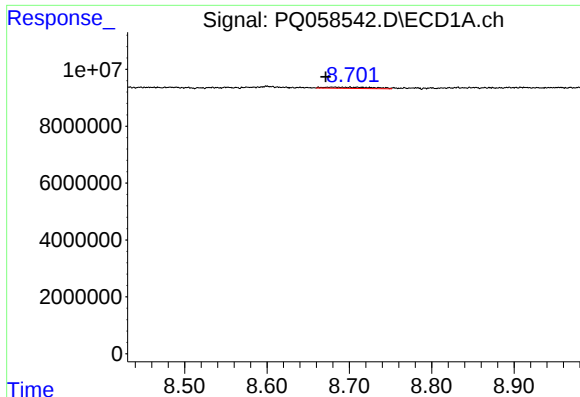
#34 AR-1260-4

R.T.: 8.326 min
Delta R.T.: -0.005 min
Response: 2271303
Conc: 11.17 ng/ml



#34 AR-1260-4

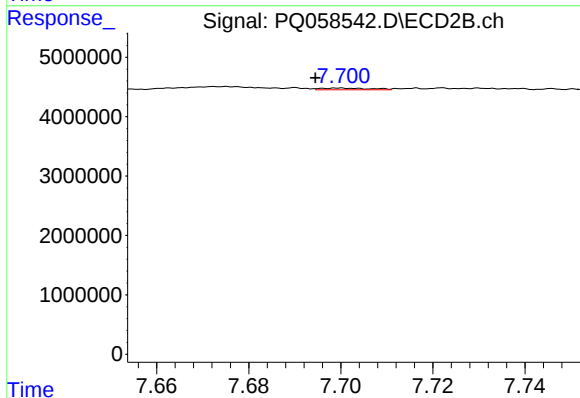
R.T.: 7.499 min
Delta R.T.: 0.041 min
Response: 1174748
Conc: 6.65 ng/ml



#35 AR-1260-5

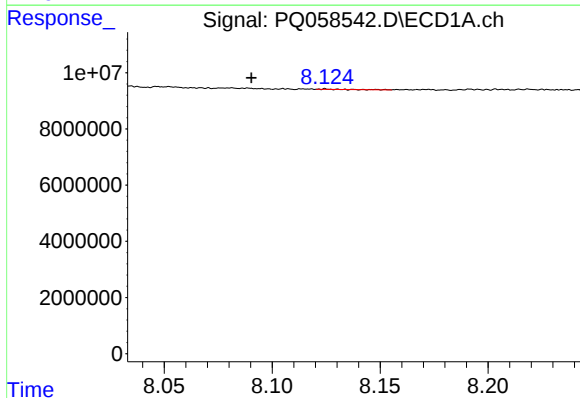
R.T.: 8.701 min
Delta R.T.: 0.029 min
Response: 1679443
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



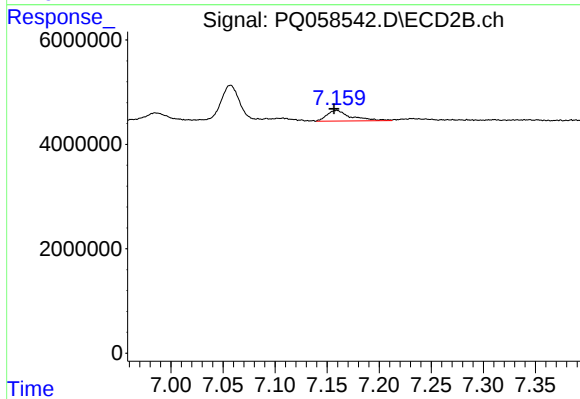
#35 AR-1260-5

R.T.: 7.700 min
Delta R.T.: 0.006 min
Response: 206153
Conc: 0.52 ng/ml



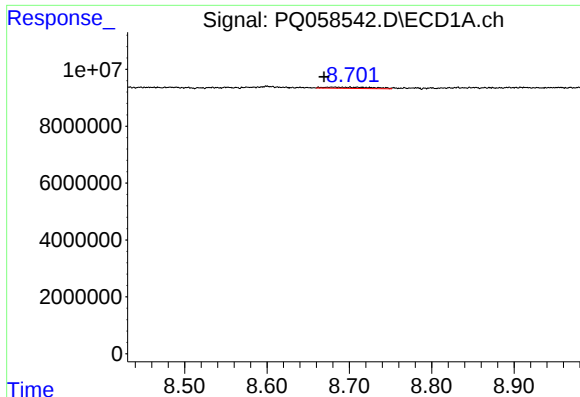
#36 AR-1262-1

R.T.: 8.125 min
Delta R.T.: 0.034 min
Response: 68576
Conc: 0.21 ng/ml



#36 AR-1262-1

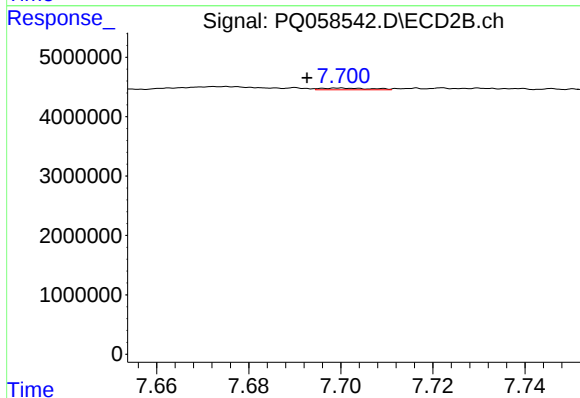
R.T.: 7.159 min
Delta R.T.: 0.003 min
Response: 3318296
Conc: 20.58 ng/ml



#37 AR-1262-2

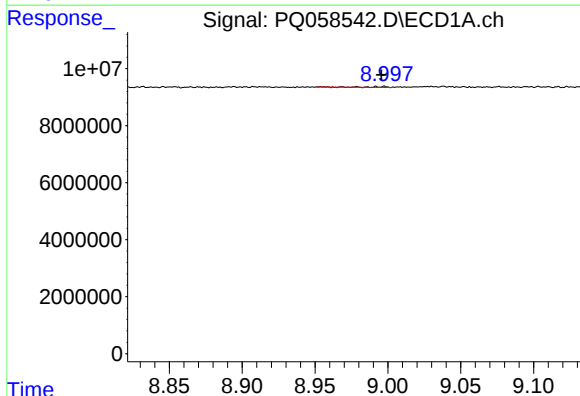
R.T.: 8.701 min
Delta R.T.: 0.032 min
Response: 1679443
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



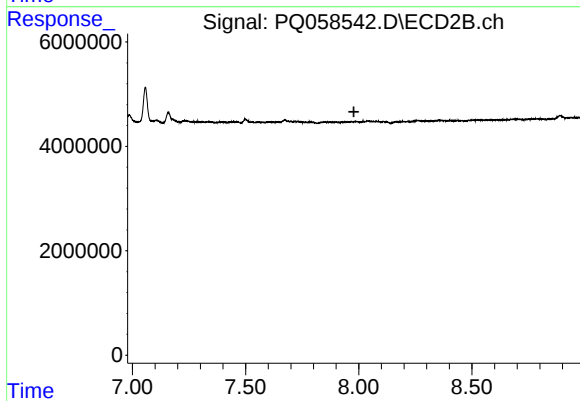
#37 AR-1262-2

R.T.: 7.700 min
Delta R.T.: 0.007 min
Response: 206153
Conc: 0.37 ng/ml



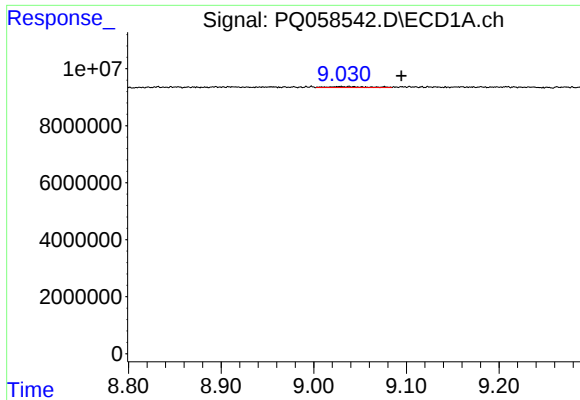
#38 AR-1262-3

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 292713
Conc: 0.84 ng/ml



#38 AR-1262-3

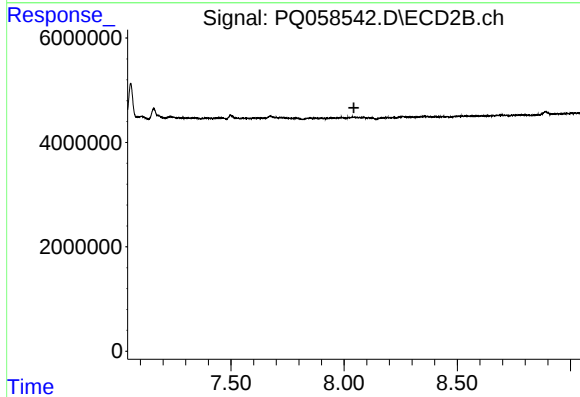
R.T.: 0.000 min
Exp R.T. : 7.978 min
Response: 0
Conc: N.D.



#39 AR-1262-4

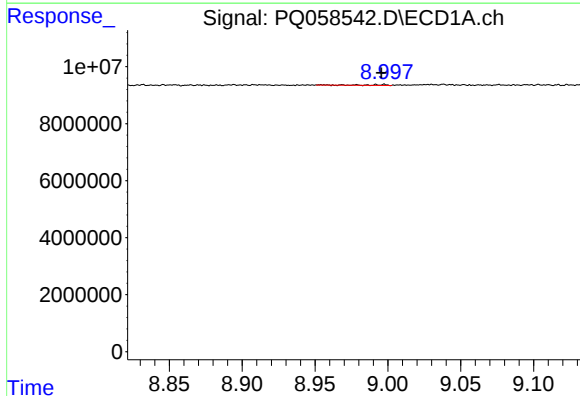
R.T.: 9.038 min
Delta R.T.: -0.057 min
Response: 1093248
Conc: 3.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



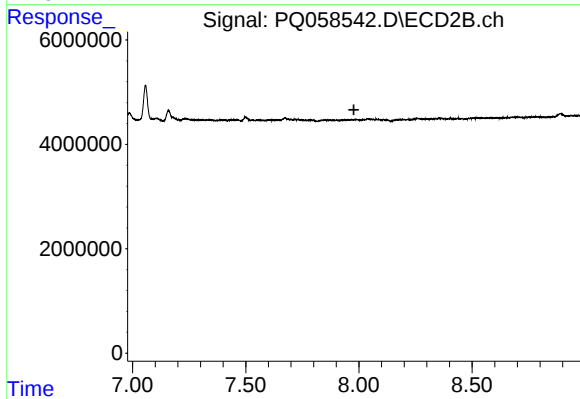
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.043 min
Response: 0
Conc: N.D.



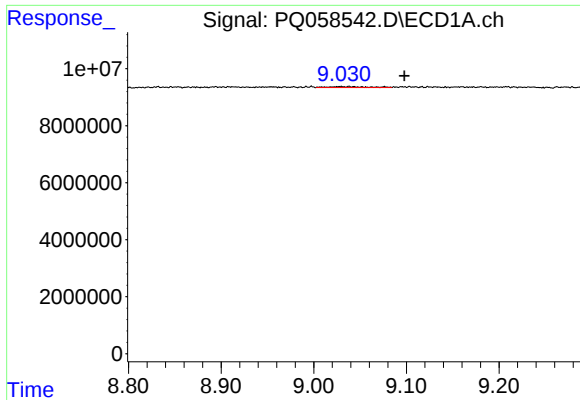
#41 AR-1268-1

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 292713
Conc: 0.28 ng/ml



#41 AR-1268-1

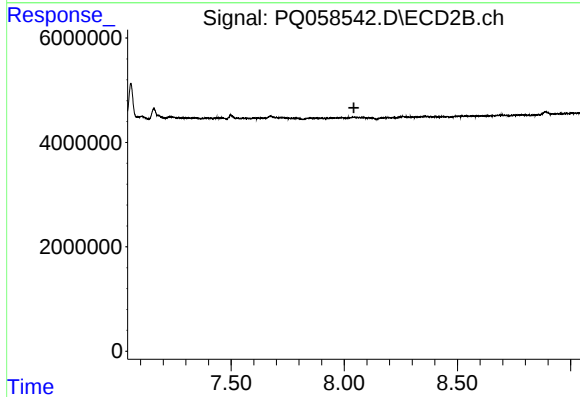
R.T.: 0.000 min
Exp R.T. : 7.978 min
Response: 0
Conc: N.D.



#42 AR-1268-2

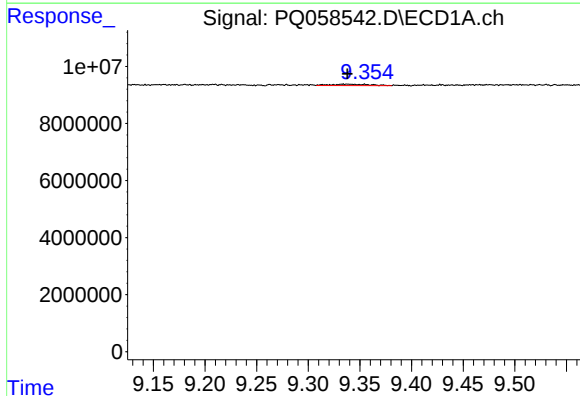
R.T.: 9.038 min
Delta R.T.: -0.060 min
Response: 1093248
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



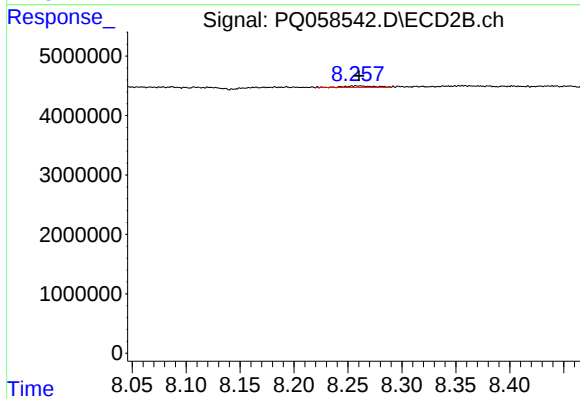
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.043 min
Response: 0
Conc: N.D.



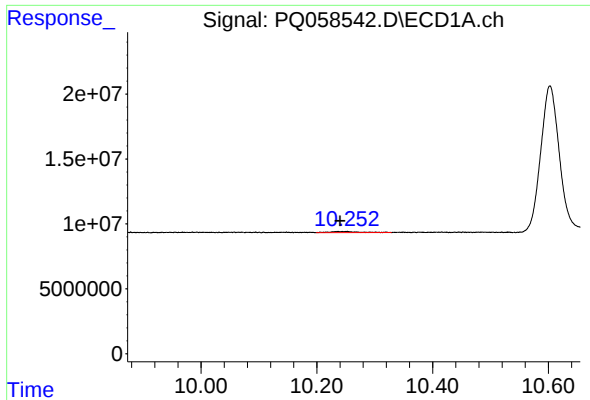
#43 AR-1268-3

R.T.: 9.334 min
Delta R.T.: -0.004 min
Response: 1252266
Conc: 1.27 ng/ml



#43 AR-1268-3

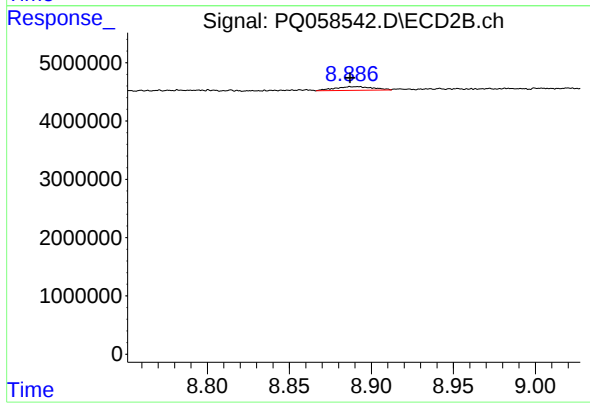
R.T.: 8.258 min
Delta R.T.: -0.002 min
Response: 463884
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: -0.003 min
Response: 3039078
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.892 min
Delta R.T.: 0.005 min
Response: 1041632
Conc: 0.57 ng/ml