

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050322\
 Data File : PQ057319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 12:26
 Operator : YP\AJ
 Sample : PB144503BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 00:55:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 26 08:09:43 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...	4.524	3.741	409.0E6	199.7E6	19.476	16.777
2)	SA Decachlor...	10.287	8.663	831.3E6	375.4E6	40.442	36.426
Target Compounds							
3)	L1 AR-1016-1	5.702	4.806	58828006	34615831	120.617	97.626
4)	L1 AR-1016-2	5.725	4.824	120.1E6	66142600	126.873	106.337
5)	L1 AR-1016-3	5.784	4.997	80610242	28802270	127.840	101.130
6)	L1 AR-1016-4	5.886	5.034	60607536	25009113	122.143	107.988
7)	L1 AR-1016-5	6.172	5.244	48789318	35262940	112.478	118.989
8)	L2 AR-1221-1	4.746	3.950	8424571	3110963	37.338	24.350 #
9)	L2 AR-1221-2	4.830	4.036	13900882	5753522	87.907	63.785 #
10)	L2 AR-1221-3	4.906	4.110	41273311	20138631	75.398	64.172
11)	L3 AR-1232-1	4.906	4.110	41273311	20138631	78.050	66.304
12)	L3 AR-1232-2	5.428	4.824	60568695	66142600	208.774	210.390
13)	L3 AR-1232-3	5.725	4.997	120.1E6	28802270	225.121	208.231
14)	L3 AR-1232-4	5.886	5.076	60607536	29930466	212.814	233.214
15)	L3 AR-1232-5	5.967	5.244	42209645	35262940	212.050	236.280
16)	L4 AR-1242-1	5.702	4.806	58828006	34615831	145.742	116.751
17)	L4 AR-1242-2	5.725	4.824	120.1E6	66142600	148.211	124.490
18)	L4 AR-1242-3	5.784	4.997	80610242	28802270	152.155	119.888
19)	L4 AR-1242-4	5.886	5.076	60607536	29930466	144.055	125.270
20)	L4 AR-1242-5	6.620	5.588	41418412	32307311	98.893	102.205
21)	L5 AR-1248-1	5.702	4.806	58828006	34615831	183.228	145.221
22)	L5 AR-1248-2	5.967	5.034	42209645	25009113	80.471	69.883
23)	L5 AR-1248-3	6.172	5.076	48789318	29930466	76.921	79.095
24)	L5 AR-1248-4	6.576	5.244	30287412	35262940	44.161	77.336 #
25)	L5 AR-1248-5	6.620	5.633	41418412	9104433	56.254	19.032 #
26)	L6 AR-1254-1	6.546	5.588	76722049	32307311	118.864	44.684 #
27)	L6 AR-1254-2	6.762	5.734	84487750	32801096	83.842	53.562 #
28)	L6 AR-1254-3	7.133	6.144	53935581	42378919	44.911	41.474
29)	L6 AR-1254-4	7.420	6.359	57260358	4472234	69.317	5.919 #
30)	L6 AR-1254-5	7.835	6.766	182.0E6	87368138	203.365	96.653 #
31)	L7 AR-1260-1	7.291	6.257	126.3E6	64550515	184.715	117.842 #
32)	L7 AR-1260-2	7.548	6.444	136.1E6	79924733	168.097	118.532 #
33)	L7 AR-1260-3	7.835	6.594	182.0E6	72834933	186.950	114.576 #
34)	L7 AR-1260-4	8.135	7.058	152.8E6	52570200	196.241	99.336 #
35)	L7 AR-1260-5	8.462	7.298	181.1E6	130.2E6	112.440	98.968
36)	L8 AR-1262-1	7.905	6.766	111.0E6	87368138	109.180	189.871 #
37)	L8 AR-1262-2	8.462	7.298	181.1E6	130.2E6	87.790	75.120
38)	L8 AR-1262-3	8.776	7.577	35509835	29201117	38.550	42.466
39)	L8 AR-1262-4	8.854	7.640	78068356	93339461	94.735	73.790
40)	L8 AR-1262-5	9.539	8.130	55177680	25278313	64.952	45.844 #
41)	L9 AR-1268-1	8.776	7.577	35509835	29201117	14.242	14.788

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050322\
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 Acq On : 03 May 2022 12:26
 Operator : YP\AJ
 Sample : PB144503BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

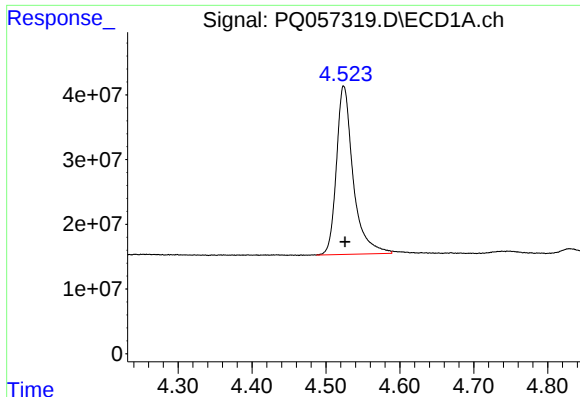
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 00:55:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.854	7.640	78068356	93339461	29.085	51.860 #
43) L9	AR-1268-3	9.096	7.843	5846505	2291720	2.552	1.627 #
44) L9	AR-1268-4	9.539	8.130	55177680	25278313	57.950	42.004 #
45) L9	AR-1268-5	9.952	8.416	26960675	10936998	3.248	2.307 #

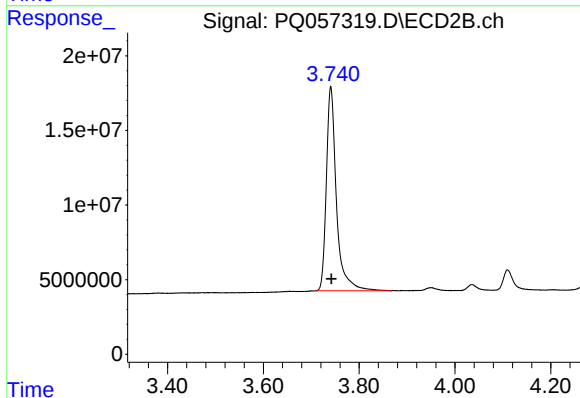
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

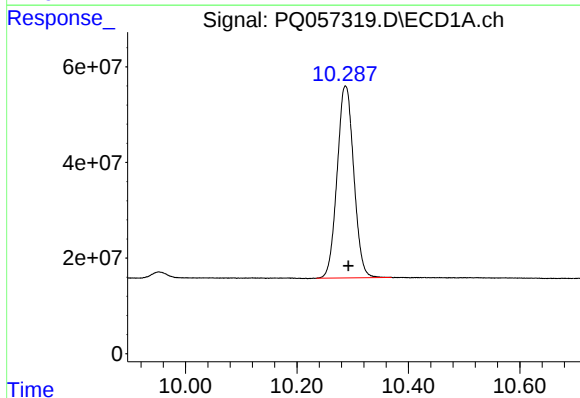
R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 409006701
Conc: 19.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



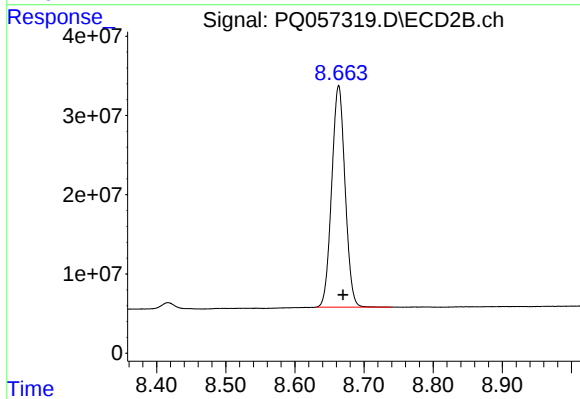
#1 Tetrachloro-m-xylene

R.T.: 3.741 min
Delta R.T.: -0.001 min
Response: 199652954
Conc: 16.78 ng/ml



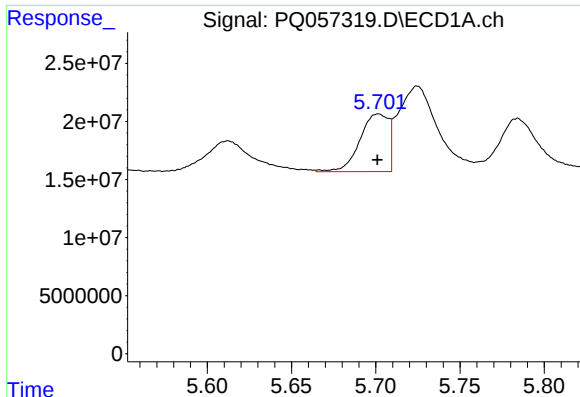
#2 Decachlorobiphenyl

R.T.: 10.287 min
Delta R.T.: -0.005 min
Response: 831293123
Conc: 40.44 ng/ml



#2 Decachlorobiphenyl

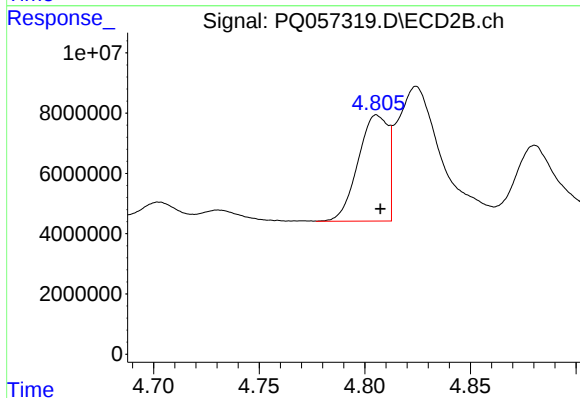
R.T.: 8.663 min
Delta R.T.: -0.007 min
Response: 375432438
Conc: 36.43 ng/ml



#3 AR-1016-1

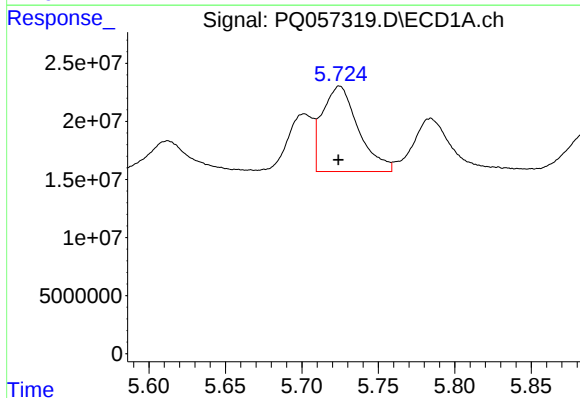
R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 58828006
Conc: 120.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



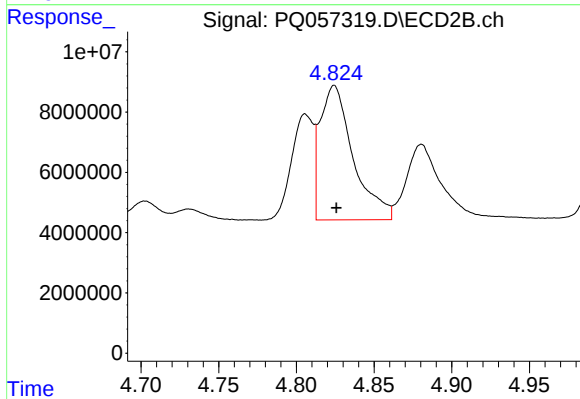
#3 AR-1016-1

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 34615831
Conc: 97.63 ng/ml



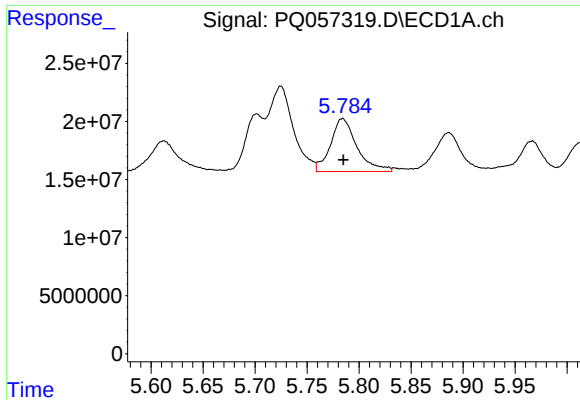
#4 AR-1016-2

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 120099225
Conc: 126.87 ng/ml



#4 AR-1016-2

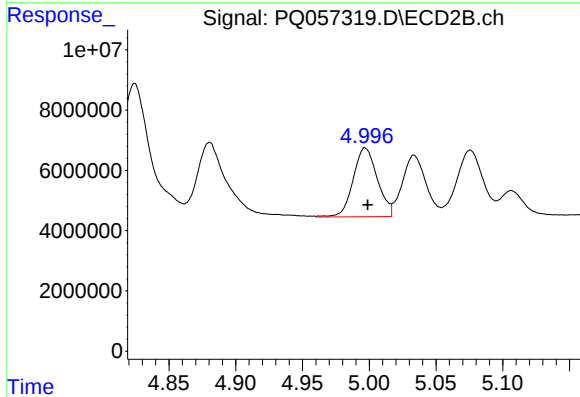
R.T.: 4.824 min
Delta R.T.: -0.001 min
Response: 66142600
Conc: 106.34 ng/ml



#5 AR-1016-3

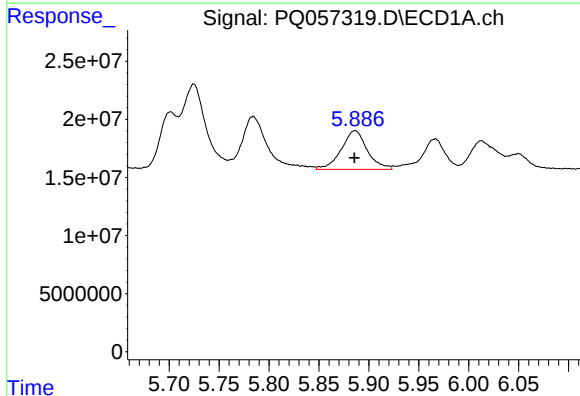
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 80610242
Conc: 127.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



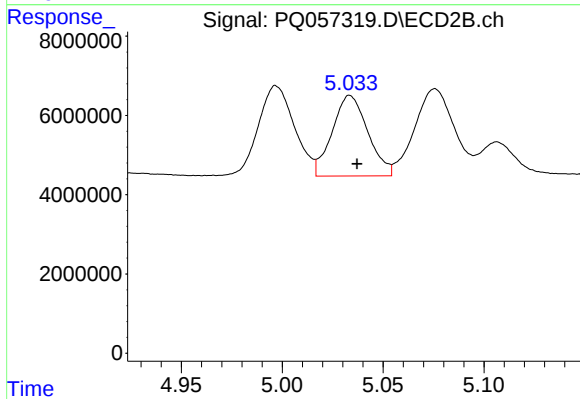
#5 AR-1016-3

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 28802270
Conc: 101.13 ng/ml



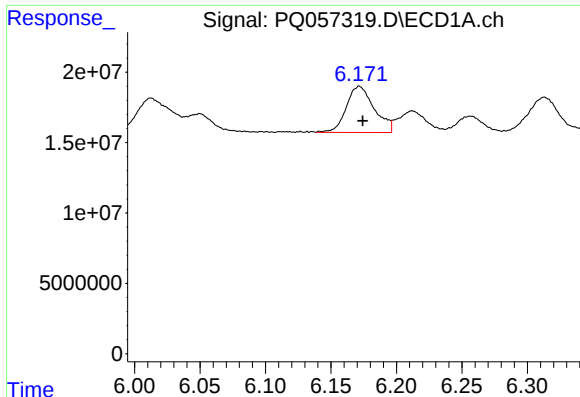
#6 AR-1016-4

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 60607536
Conc: 122.14 ng/ml



#6 AR-1016-4

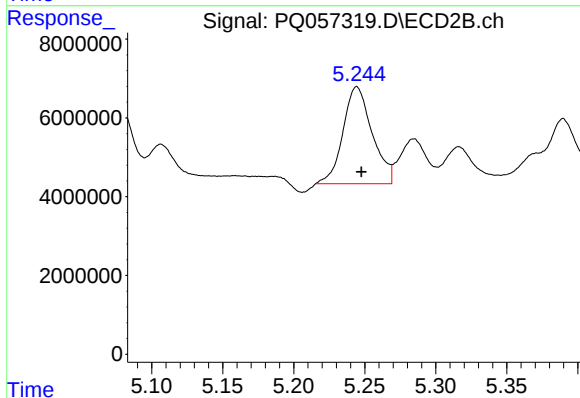
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 25009113
Conc: 107.99 ng/ml



#7 AR-1016-5

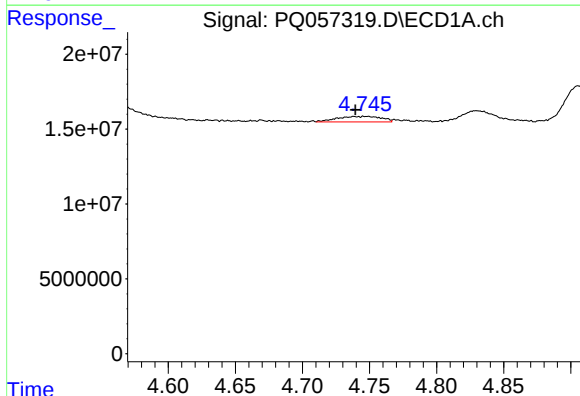
R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 48789318
Conc: 112.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



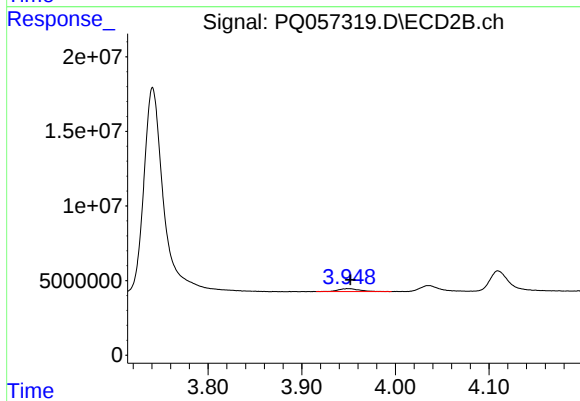
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 35262940
Conc: 118.99 ng/ml



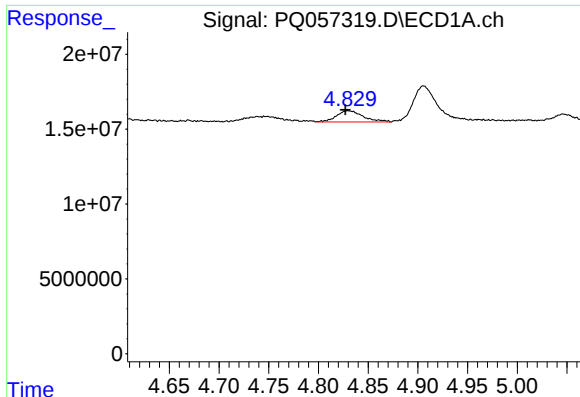
#8 AR-1221-1

R.T.: 4.746 min
Delta R.T.: 0.006 min
Response: 8424571
Conc: 37.34 ng/ml



#8 AR-1221-1

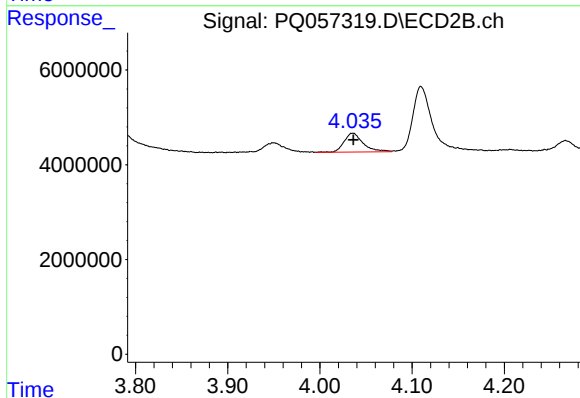
R.T.: 3.950 min
Delta R.T.: -0.002 min
Response: 3110963
Conc: 24.35 ng/ml



#9 AR-1221-2

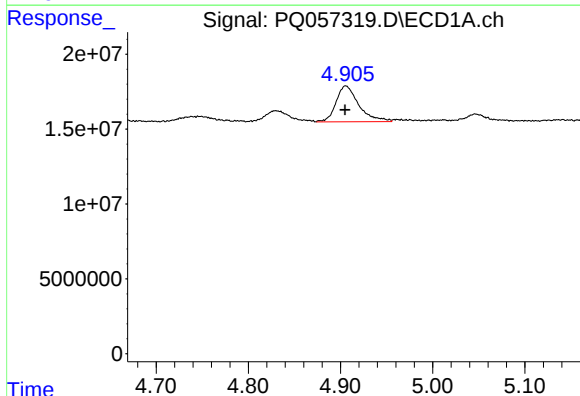
R.T.: 4.830 min
Delta R.T.: 0.002 min
Response: 13900882
Conc: 87.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



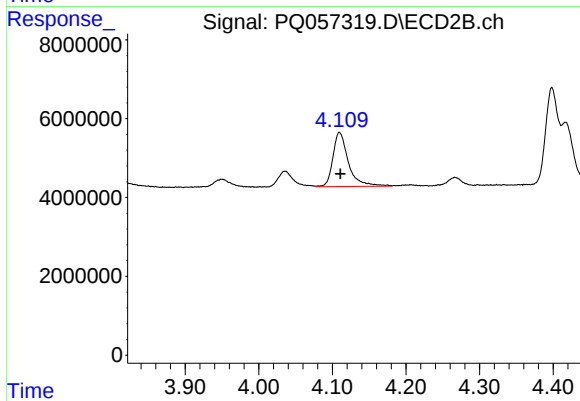
#9 AR-1221-2

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 5753522
Conc: 63.78 ng/ml



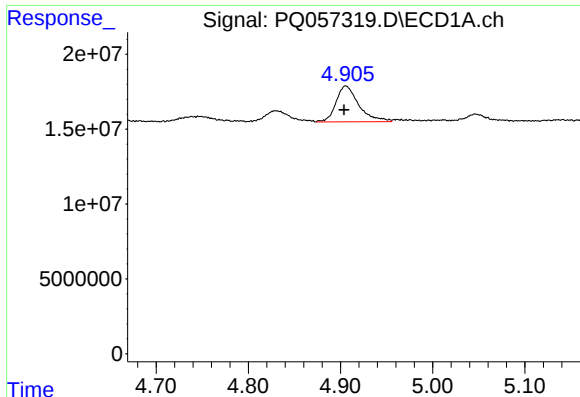
#10 AR-1221-3

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 41273311
Conc: 75.40 ng/ml



#10 AR-1221-3

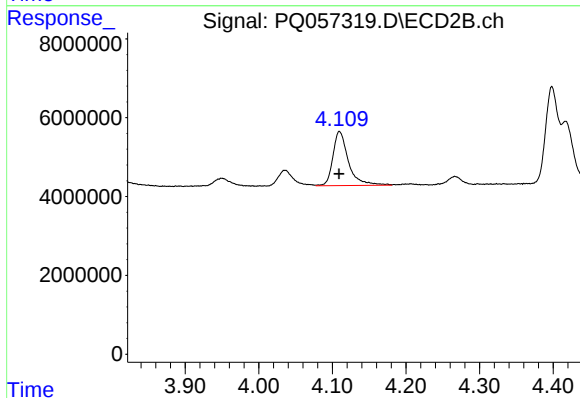
R.T.: 4.110 min
Delta R.T.: -0.001 min
Response: 20138631
Conc: 64.17 ng/ml



#11 AR-1232-1

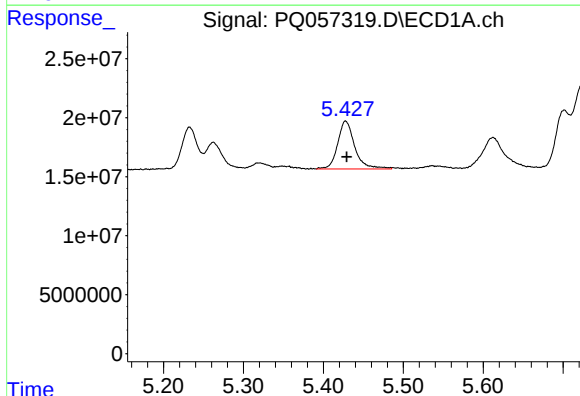
R.T.: 4.906 min
Delta R.T.: 0.002 min
Response: 41273311
Conc: 78.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



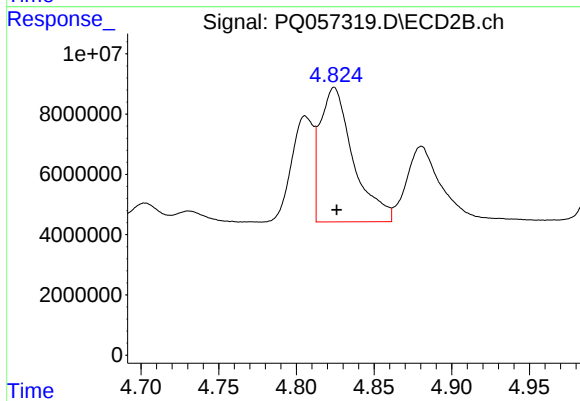
#11 AR-1232-1

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 20138631
Conc: 66.30 ng/ml



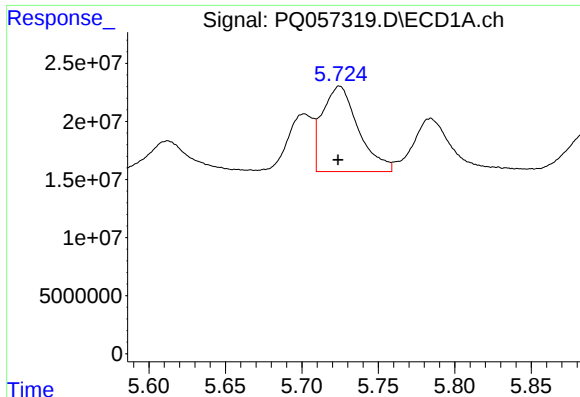
#12 AR-1232-2

R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 60568695
Conc: 208.77 ng/ml



#12 AR-1232-2

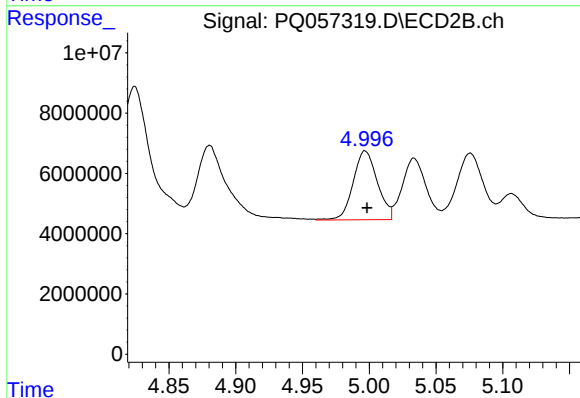
R.T.: 4.824 min
Delta R.T.: -0.002 min
Response: 66142600
Conc: 210.39 ng/ml



#13 AR-1232-3

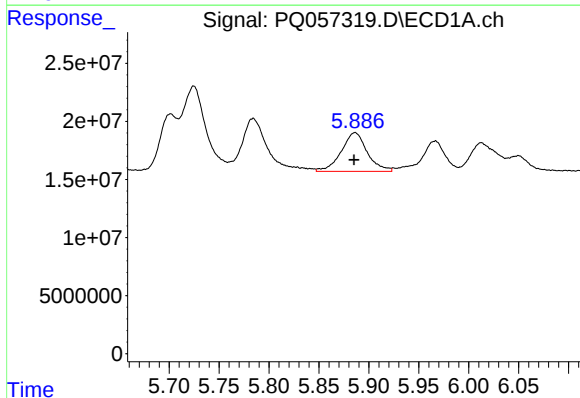
R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 120099225
Conc: 225.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



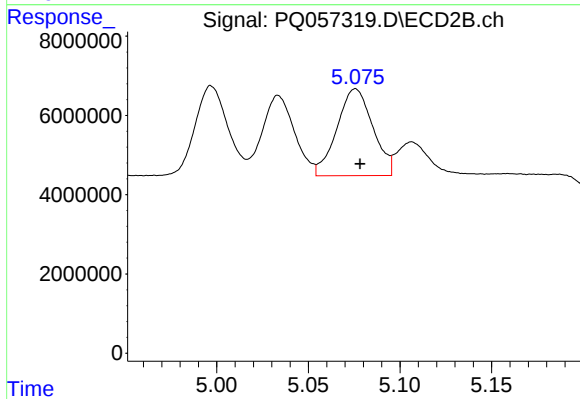
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 28802270
Conc: 208.23 ng/ml



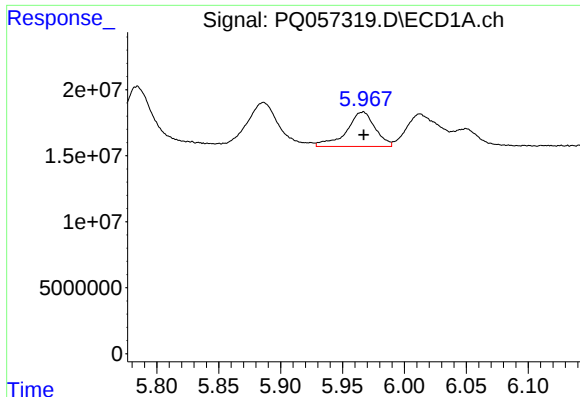
#14 AR-1232-4

R.T.: 5.886 min
Delta R.T.: 0.001 min
Response: 60607536
Conc: 212.81 ng/ml



#14 AR-1232-4

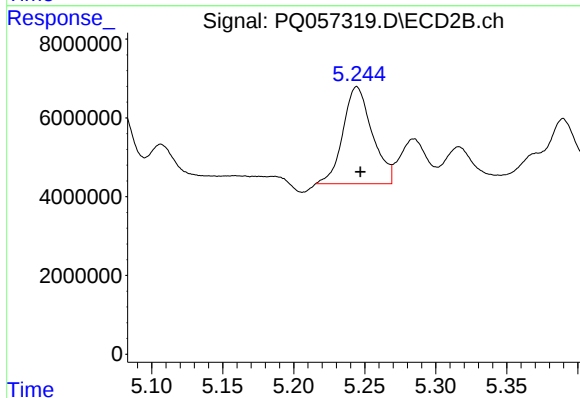
R.T.: 5.076 min
Delta R.T.: -0.003 min
Response: 29930466
Conc: 233.21 ng/ml



#15 AR-1232-5

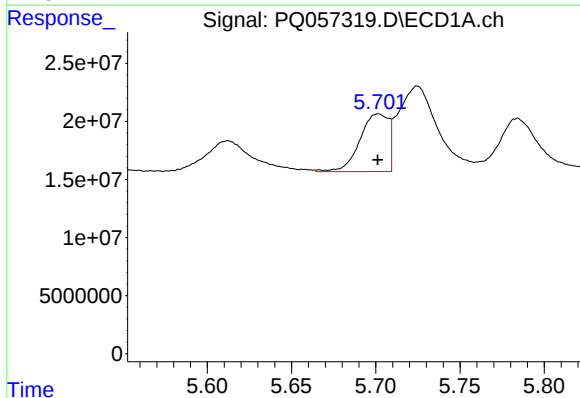
R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 42209645
Conc: 212.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



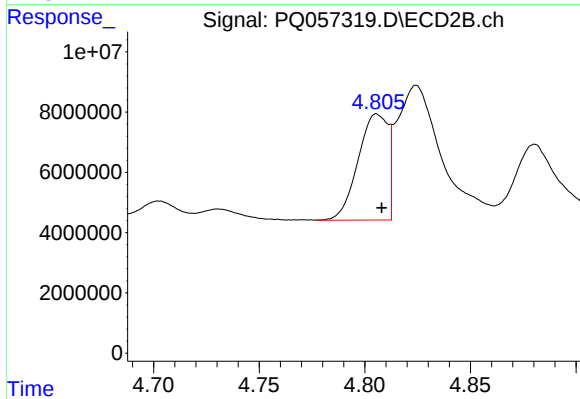
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 35262940
Conc: 236.28 ng/ml



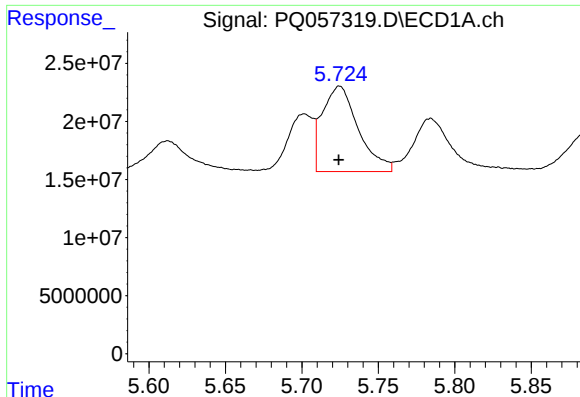
#16 AR-1242-1

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 58828006
Conc: 145.74 ng/ml



#16 AR-1242-1

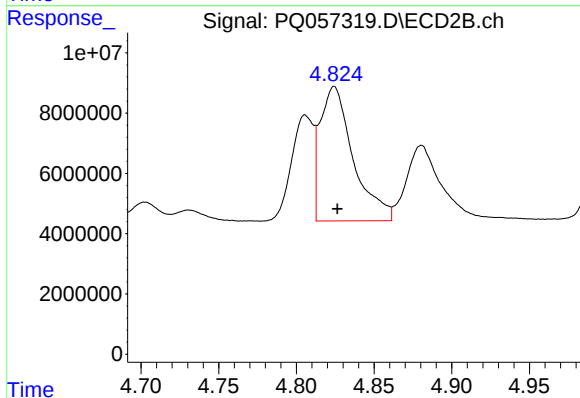
R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 34615831
Conc: 116.75 ng/ml



#17 AR-1242-2

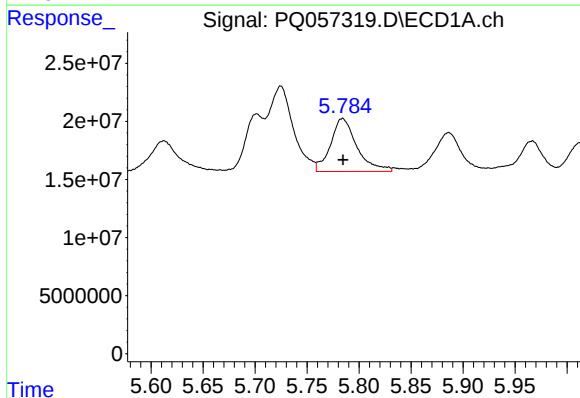
R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 120099225
Conc: 148.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



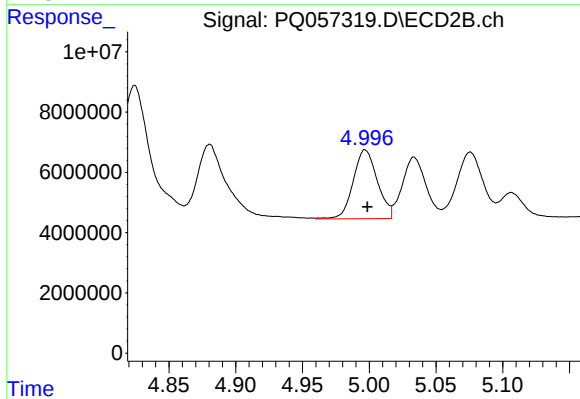
#17 AR-1242-2

R.T.: 4.824 min
Delta R.T.: -0.002 min
Response: 66142600
Conc: 124.49 ng/ml



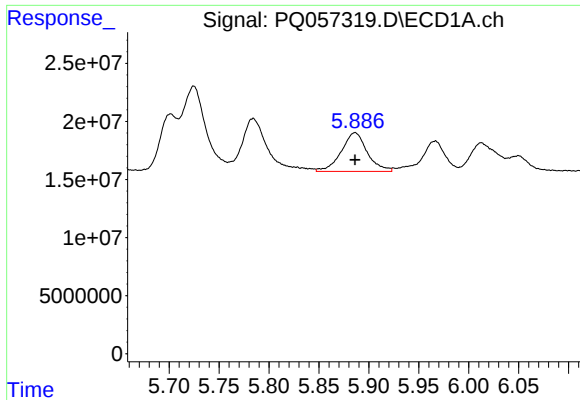
#18 AR-1242-3

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 80610242
Conc: 152.16 ng/ml



#18 AR-1242-3

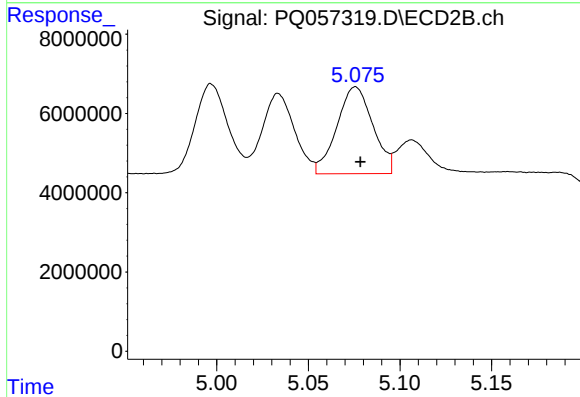
R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 28802270
Conc: 119.89 ng/ml



#19 AR-1242-4

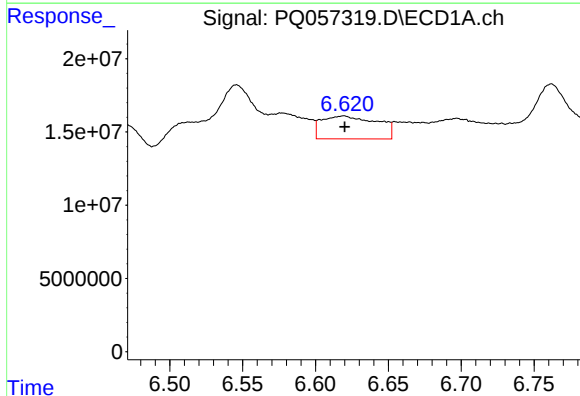
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 60607536
Conc: 144.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



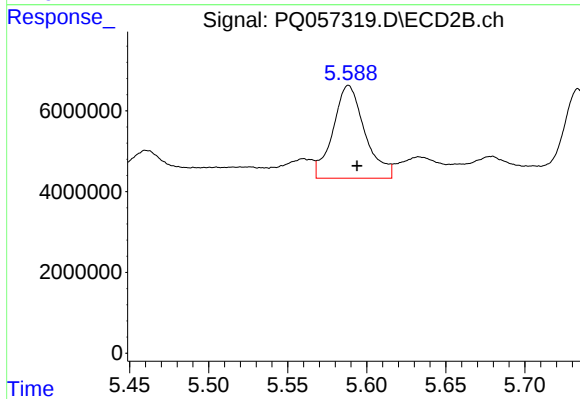
#19 AR-1242-4

R.T.: 5.076 min
Delta R.T.: -0.003 min
Response: 29930466
Conc: 125.27 ng/ml



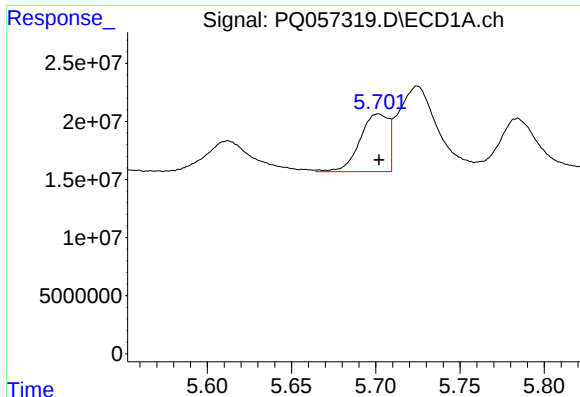
#20 AR-1242-5

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 41418412
Conc: 98.89 ng/ml



#20 AR-1242-5

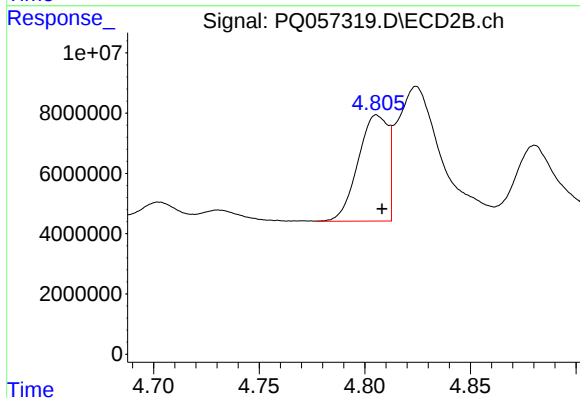
R.T.: 5.588 min
Delta R.T.: -0.005 min
Response: 32307311
Conc: 102.21 ng/ml



#21 AR-1248-1

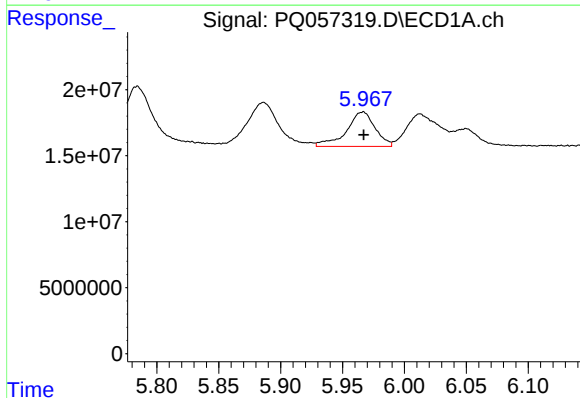
R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 58828006
Conc: 183.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



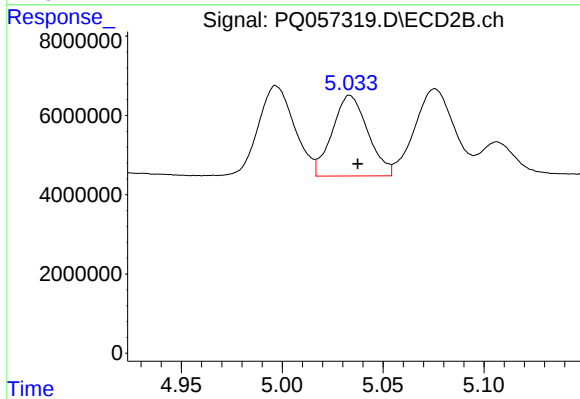
#21 AR-1248-1

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 34615831
Conc: 145.22 ng/ml



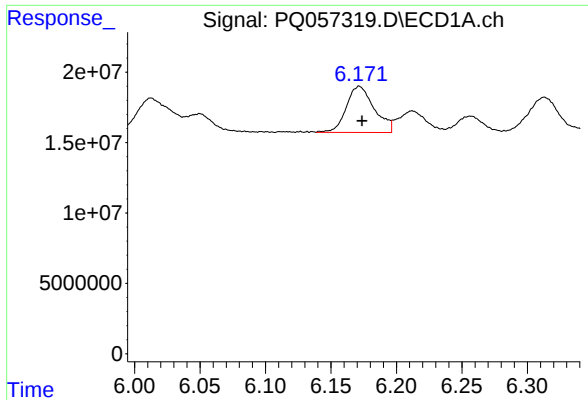
#22 AR-1248-2

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 42209645
Conc: 80.47 ng/ml



#22 AR-1248-2

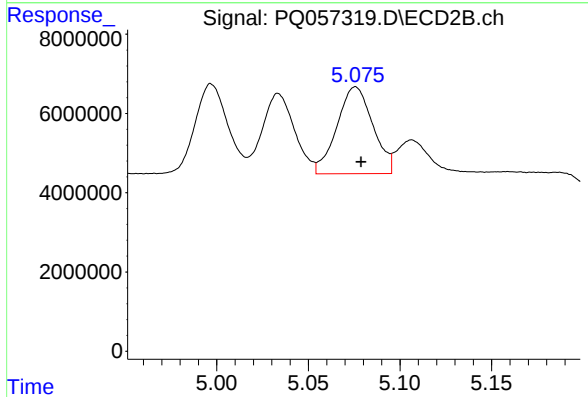
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 25009113
Conc: 69.88 ng/ml



#23 AR-1248-3

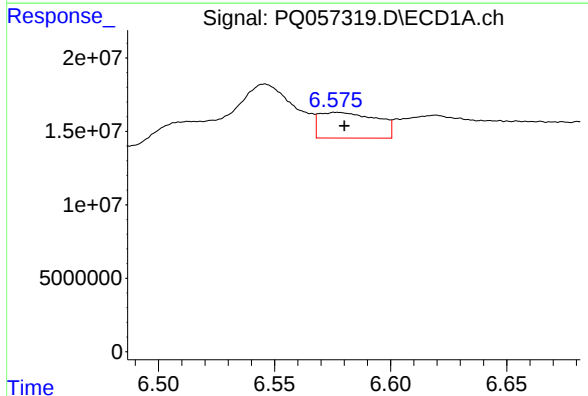
R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 48789318
Conc: 76.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



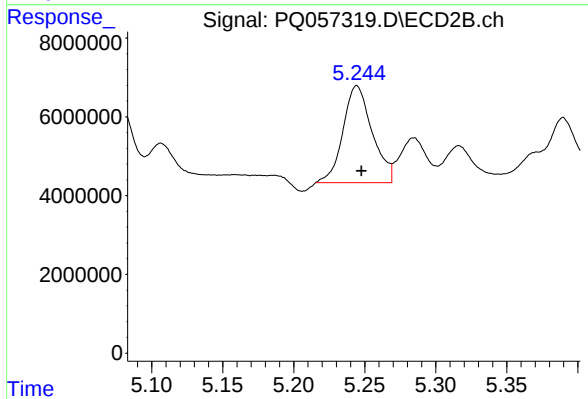
#23 AR-1248-3

R.T.: 5.076 min
Delta R.T.: -0.003 min
Response: 29930466
Conc: 79.10 ng/ml



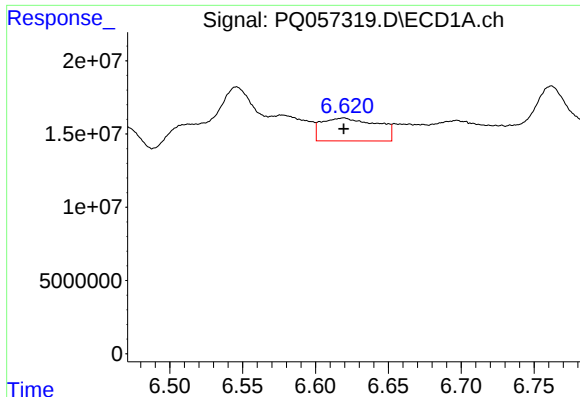
#24 AR-1248-4

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 30287412
Conc: 44.16 ng/ml



#24 AR-1248-4

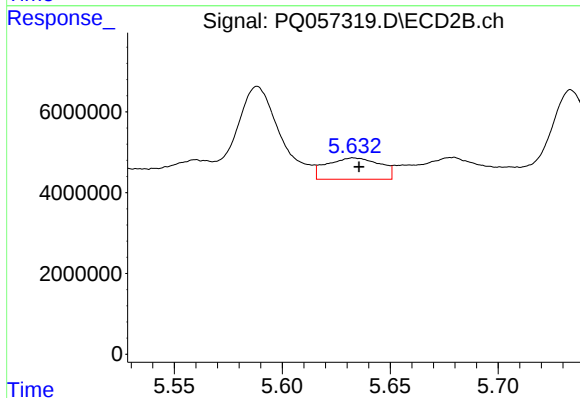
R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 35262940
Conc: 77.34 ng/ml



#25 AR-1248-5

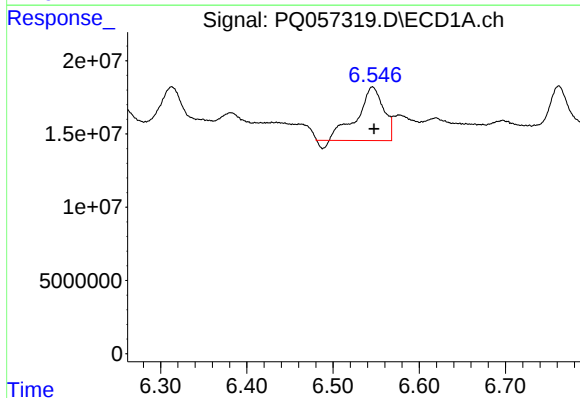
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 41418412
Conc: 56.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



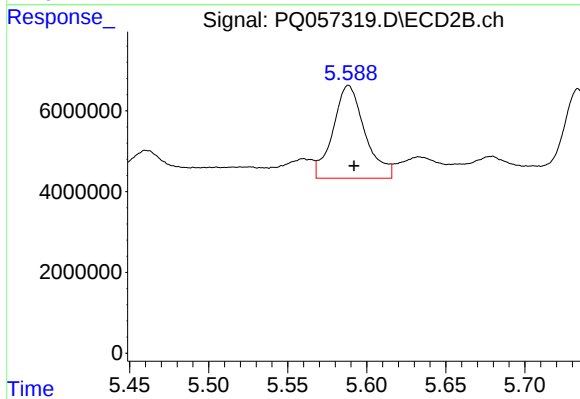
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.003 min
Response: 9104433
Conc: 19.03 ng/ml



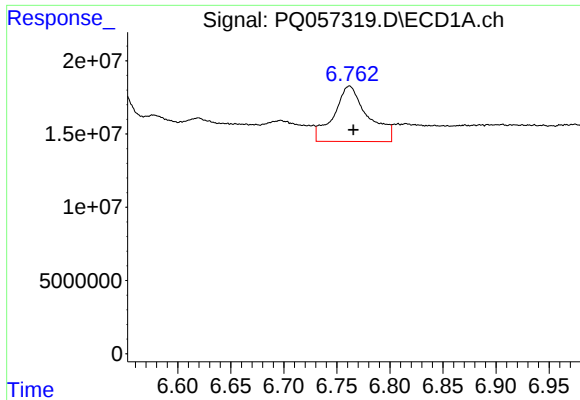
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 76722049
Conc: 118.86 ng/ml



#26 AR-1254-1

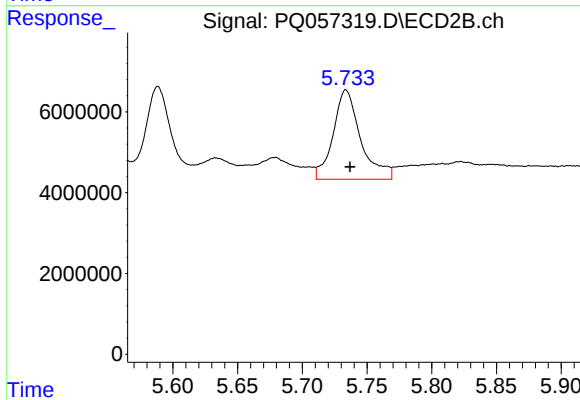
R.T.: 5.588 min
Delta R.T.: -0.004 min
Response: 32307311
Conc: 44.68 ng/ml



#27 AR-1254-2

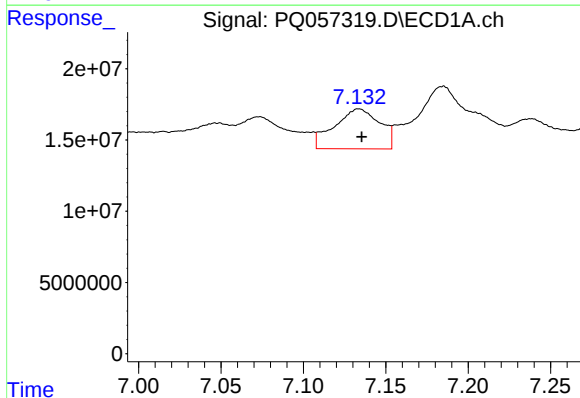
R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 84487750
Conc: 83.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



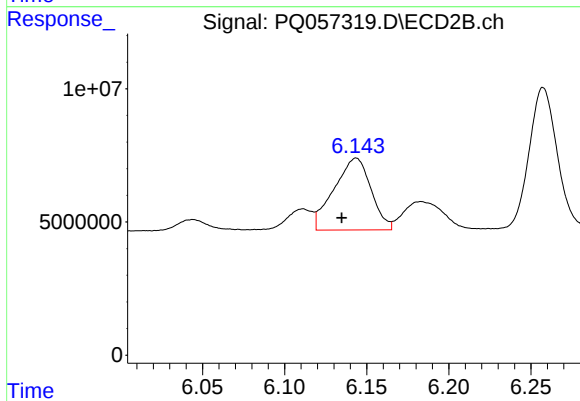
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 32801096
Conc: 53.56 ng/ml



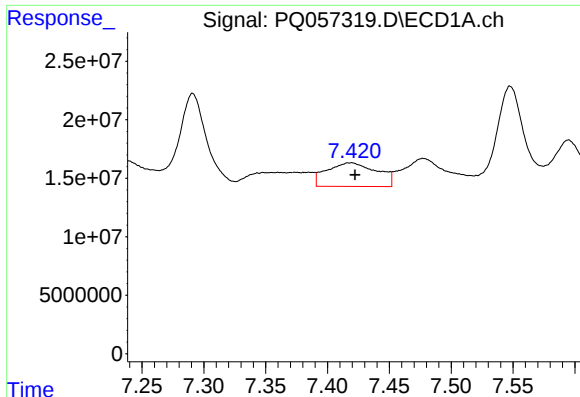
#28 AR-1254-3

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 53935581
Conc: 44.91 ng/ml



#28 AR-1254-3

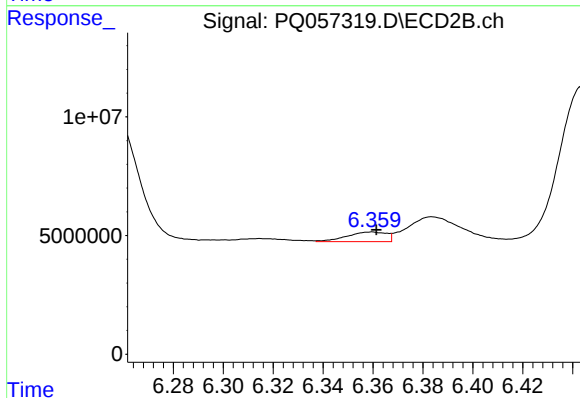
R.T.: 6.144 min
Delta R.T.: 0.009 min
Response: 42378919
Conc: 41.47 ng/ml



#29 AR-1254-4

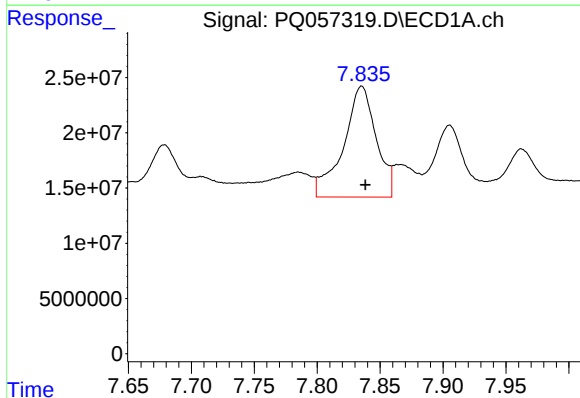
R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 57260358
Conc: 69.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



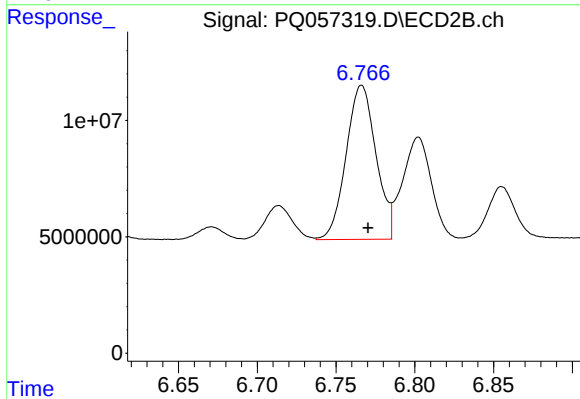
#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 4472234
Conc: 5.92 ng/ml



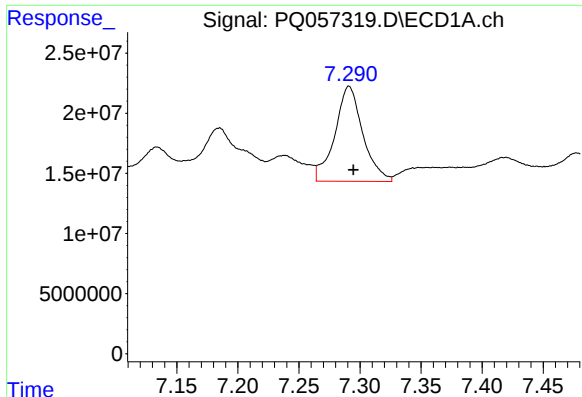
#30 AR-1254-5

R.T.: 7.835 min
Delta R.T.: -0.003 min
Response: 182010360
Conc: 203.37 ng/ml



#30 AR-1254-5

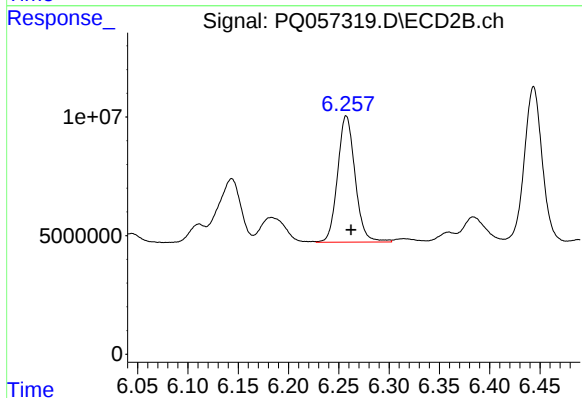
R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 87368138
Conc: 96.65 ng/ml



#31 AR-1260-1

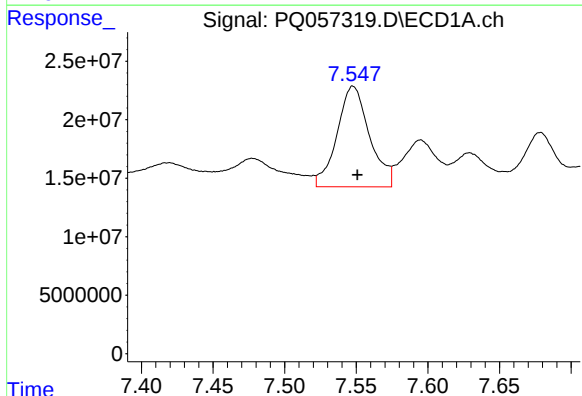
R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 126335758
Conc: 184.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



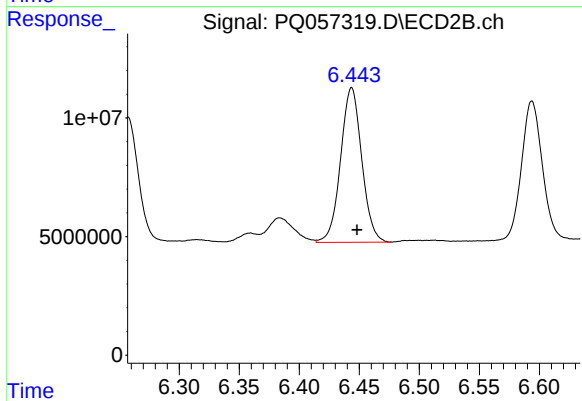
#31 AR-1260-1

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 64550515
Conc: 117.84 ng/ml



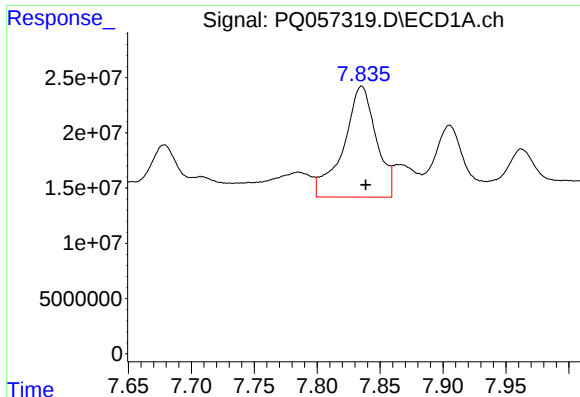
#32 AR-1260-2

R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 136148559
Conc: 168.10 ng/ml



#32 AR-1260-2

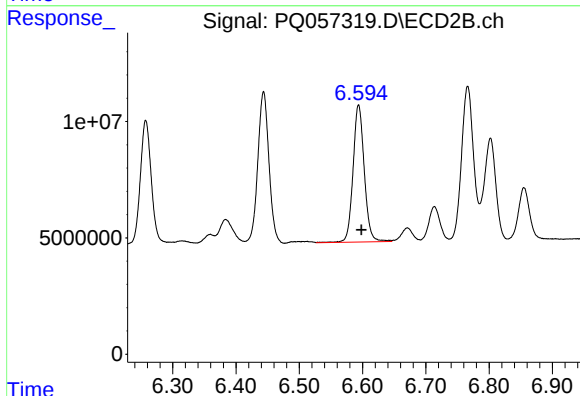
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 79924733
Conc: 118.53 ng/ml



#33 AR-1260-3

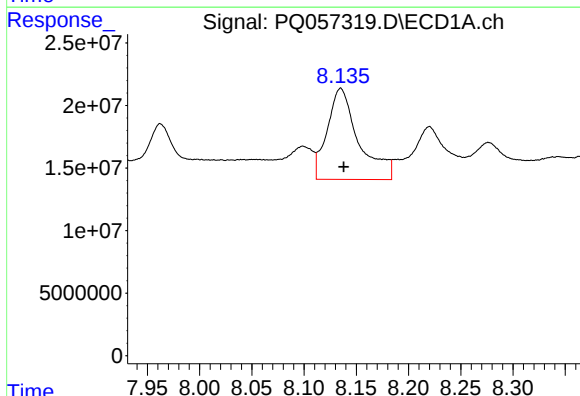
R.T.: 7.835 min
Delta R.T.: -0.003 min
Response: 182010360
Conc: 186.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



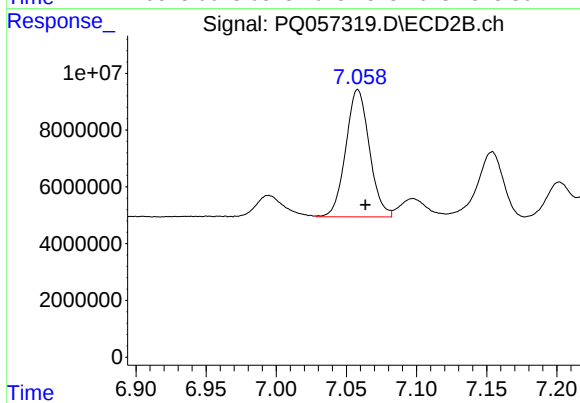
#33 AR-1260-3

R.T.: 6.594 min
Delta R.T.: -0.005 min
Response: 72834933
Conc: 114.58 ng/ml



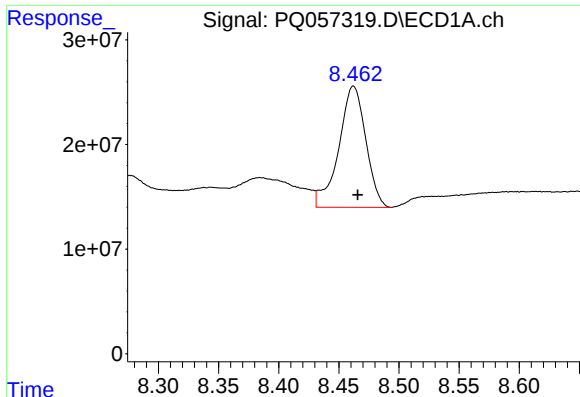
#34 AR-1260-4

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 152796008
Conc: 196.24 ng/ml



#34 AR-1260-4

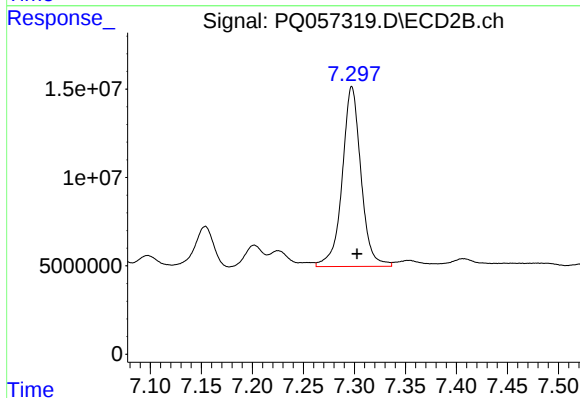
R.T.: 7.058 min
Delta R.T.: -0.005 min
Response: 52570200
Conc: 99.34 ng/ml



#35 AR-1260-5

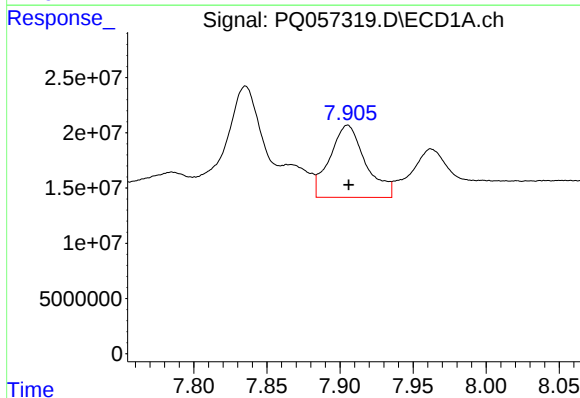
R.T.: 8.462 min
Delta R.T.: -0.004 min
Response: 181141018
Conc: 112.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



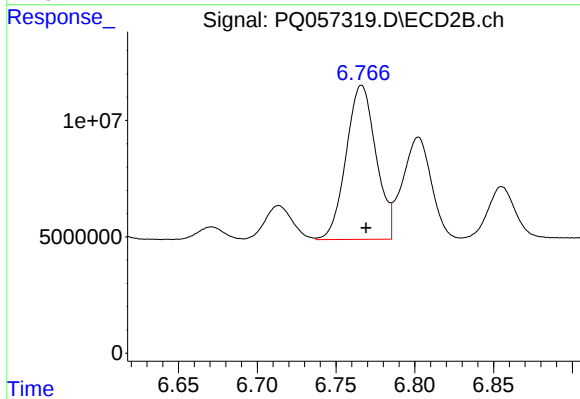
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.005 min
Response: 130244004
Conc: 98.97 ng/ml



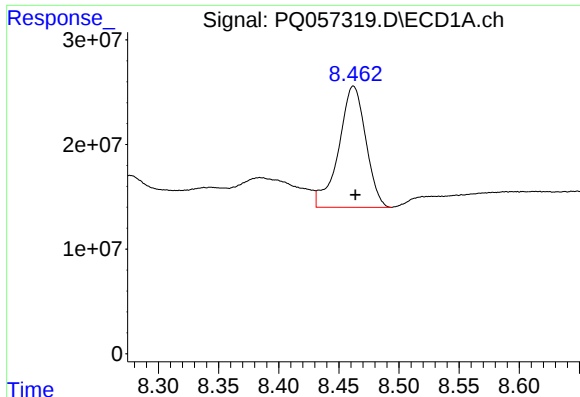
#36 AR-1262-1

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 111011099
Conc: 109.18 ng/ml



#36 AR-1262-1

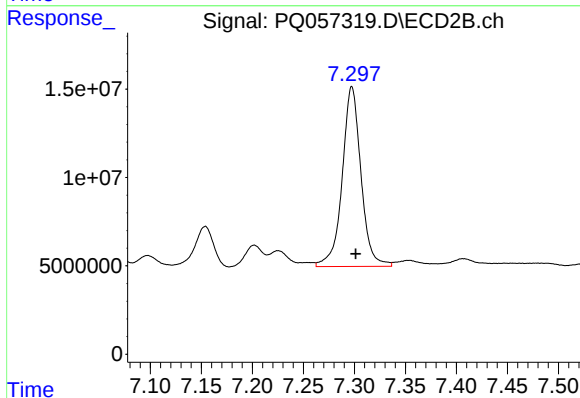
R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 87368138
Conc: 189.87 ng/ml



#37 AR-1262-2

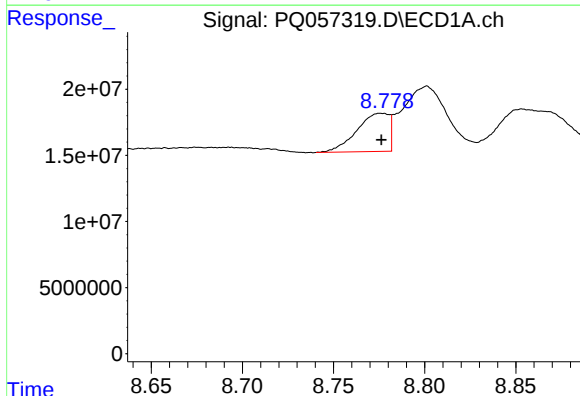
R.T.: 8.462 min
Delta R.T.: -0.002 min
Response: 181141018
Conc: 87.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



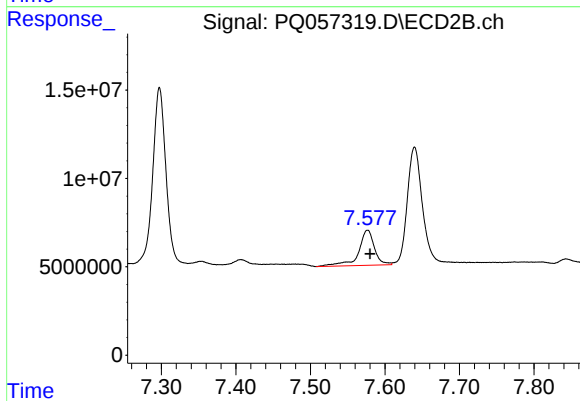
#37 AR-1262-2

R.T.: 7.298 min
Delta R.T.: -0.004 min
Response: 130244004
Conc: 75.12 ng/ml



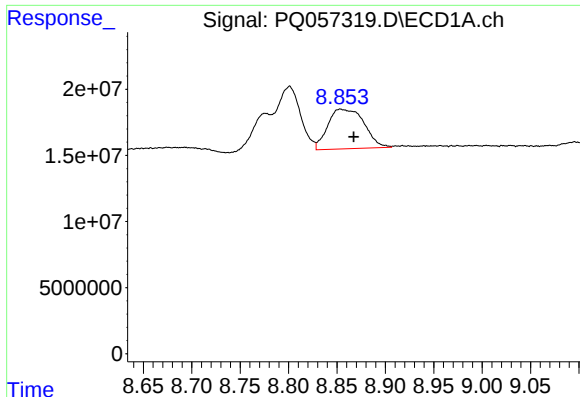
#38 AR-1262-3

R.T.: 8.776 min
Delta R.T.: 0.000 min
Response: 35509835
Conc: 38.55 ng/ml



#38 AR-1262-3

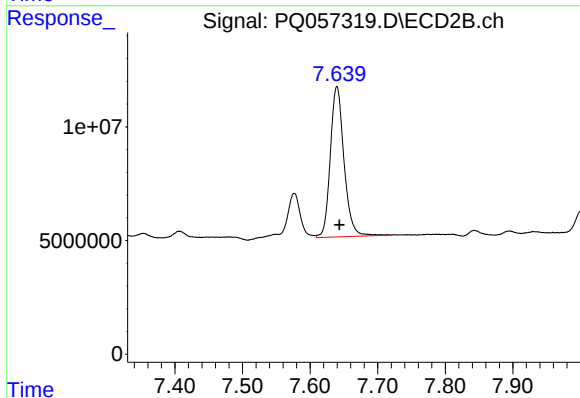
R.T.: 7.577 min
Delta R.T.: -0.003 min
Response: 29201117
Conc: 42.47 ng/ml



#39 AR-1262-4

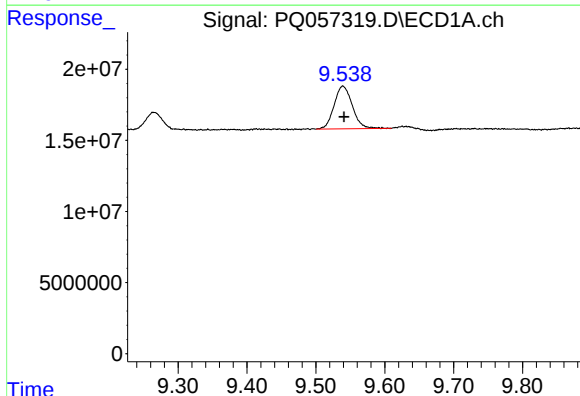
R.T.: 8.854 min
Delta R.T.: -0.014 min
Response: 78068356
Conc: 94.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



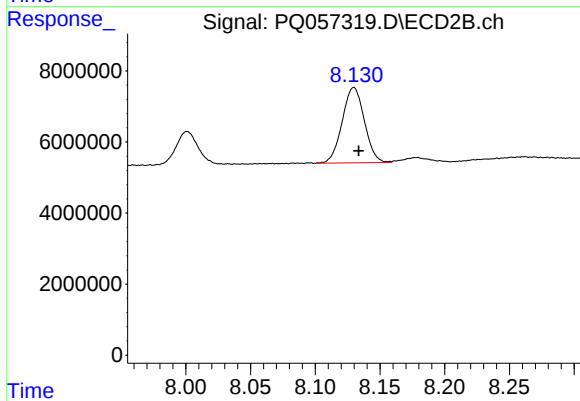
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 93339461
Conc: 73.79 ng/ml



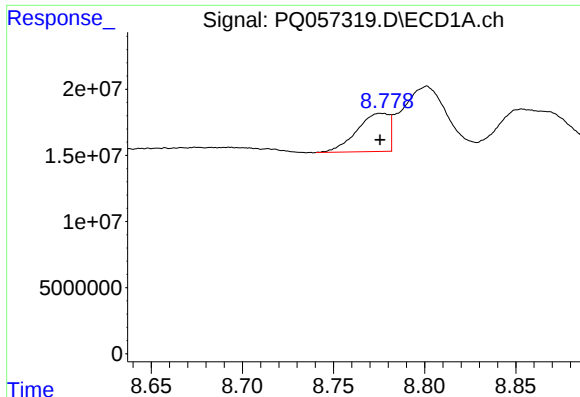
#40 AR-1262-5

R.T.: 9.539 min
Delta R.T.: -0.002 min
Response: 55177680
Conc: 64.95 ng/ml



#40 AR-1262-5

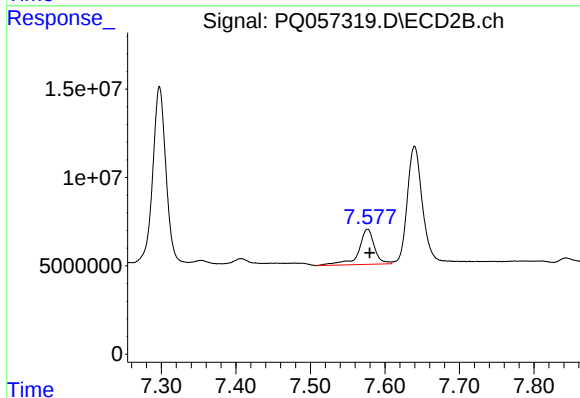
R.T.: 8.130 min
Delta R.T.: -0.004 min
Response: 25278313
Conc: 45.84 ng/ml



#41 AR-1268-1

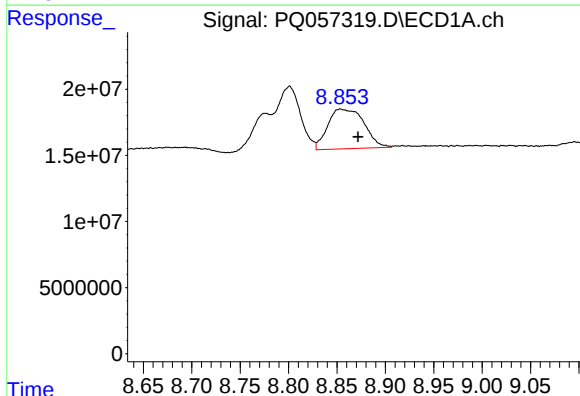
R.T.: 8.776 min
Delta R.T.: 0.000 min
Response: 35509835
Conc: 14.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



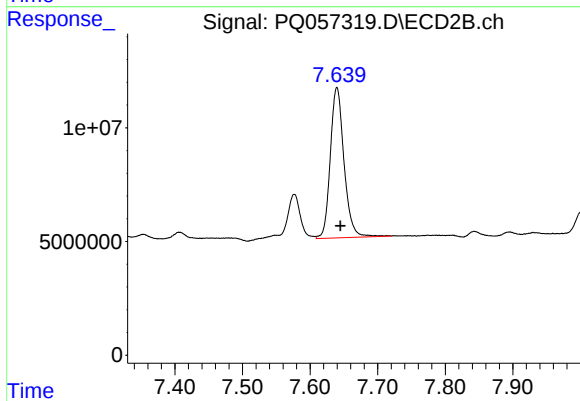
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: -0.003 min
Response: 29201117
Conc: 14.79 ng/ml



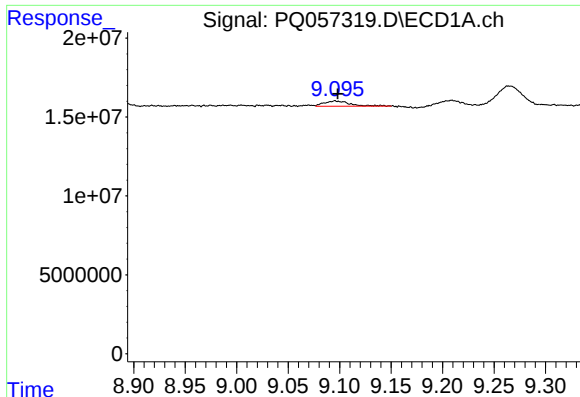
#42 AR-1268-2

R.T.: 8.854 min
Delta R.T.: -0.018 min
Response: 78068356
Conc: 29.09 ng/ml



#42 AR-1268-2

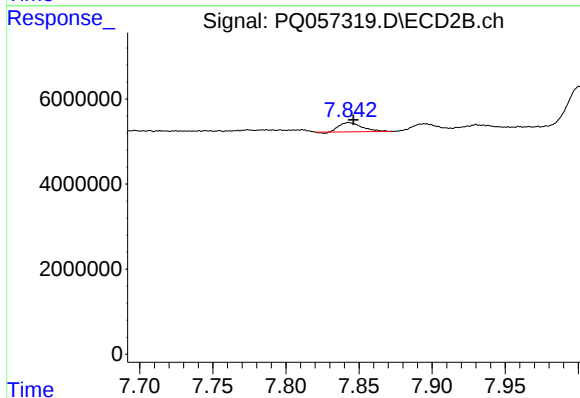
R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 93339461
Conc: 51.86 ng/ml



#43 AR-1268-3

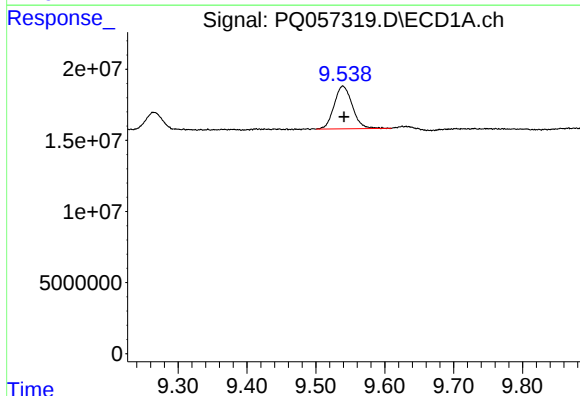
R.T.: 9.096 min
Delta R.T.: -0.003 min
Response: 5846505
Conc: 2.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



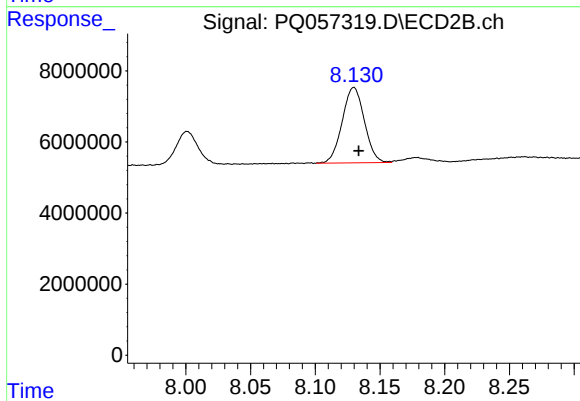
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: -0.003 min
Response: 2291720
Conc: 1.63 ng/ml



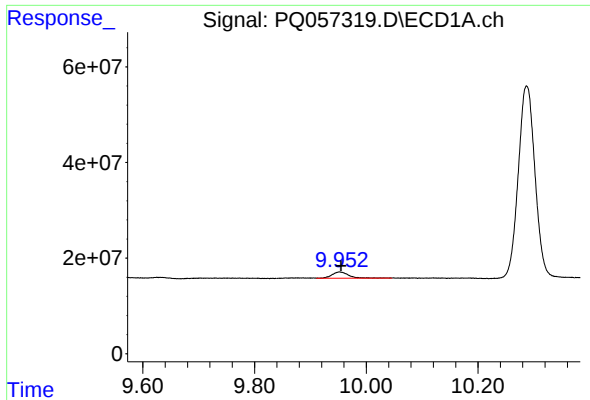
#44 AR-1268-4

R.T.: 9.539 min
Delta R.T.: -0.002 min
Response: 55177680
Conc: 57.95 ng/ml



#44 AR-1268-4

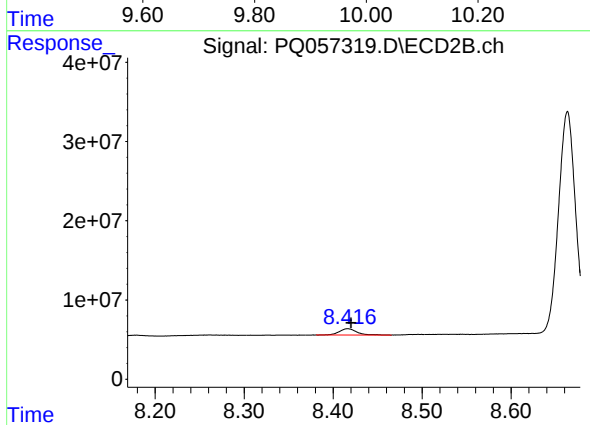
R.T.: 8.130 min
Delta R.T.: -0.004 min
Response: 25278313
Conc: 42.00 ng/ml



#45 AR-1268-5

R.T.: 9.952 min
Delta R.T.: -0.003 min
Response: 26960675
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.416 min
Delta R.T.: -0.004 min
Response: 10936998
Conc: 2.31 ng/ml