

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072022\
 Data File : PQ058648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 19:14
 Operator : YP\AJ
 Sample : PB146318BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 00:07:59 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...	4.688	4.051	99002871	74989479	14.071	13.414
2)	SA Decachlor...	10.599	9.173	213.9E6	108.7E6	38.234	32.822
Target Compounds							
3)	L1 AR-1016-1	5.869	5.149	16120088	14135634	106.629	90.553
4)	L1 AR-1016-2	5.891	5.169	27869691	19306168	107.060	86.057
5)	L1 AR-1016-3	5.953	5.349	20676667	9556318	128.047	86.488 #
6)	L1 AR-1016-4	6.055	5.387	13467453	8137758	100.026	85.508
7)	L1 AR-1016-5	6.348	5.604	11292280	9734244	96.252	83.316
8)	L2 AR-1221-1	4.899	4.264	3138296	1214296	40.097	20.455 #
9)	L2 AR-1221-2	4.990	4.356	3981636	2563003	72.604	62.560
10)	L2 AR-1221-3	5.067	4.430	9501674	7216069	54.310	49.967
11)	L3 AR-1232-1	5.067	4.430	9501674	7216069	60.013	54.729
12)	L3 AR-1232-2	5.600	5.169	11069884	19306168	144.375	164.775
13)	L3 AR-1232-3	5.891	5.349	27869691	9556318	198.291	174.183
14)	L3 AR-1232-4	6.055	5.430	13467453	9848899	189.988	187.246
15)	L3 AR-1232-5	6.140	5.604	8699143	9734244	192.296	170.798
16)	L4 AR-1242-1	5.869	5.149	16120088	14135634	116.929	101.968
17)	L4 AR-1242-2	5.891	5.169	27869691	19306168	115.938	96.545
18)	L4 AR-1242-3	5.953	5.349	20676667	9556318	130.179	96.739 #
19)	L4 AR-1242-4	6.055	5.430	13467453	9848899	102.385	96.902
20)	L4 AR-1242-5	6.793	5.958	1405810	7833803	12.335	67.113 #
21)	L5 AR-1248-1	5.869	5.149	16120088	14135634	137.159	122.120
22)	L5 AR-1248-2	6.140	5.387	8699143	8137758	51.671	48.800
23)	L5 AR-1248-3	6.348	5.430	11292280	9848899	55.863	57.008
24)	L5 AR-1248-4	6.724	5.604	7762362	9734244	39.175	49.080 #
25)	L5 AR-1248-5	6.793	5.998	1405810	1539691	6.649	8.676 #
26)	L6 AR-1254-1	6.724	5.958	7762362	7833803	37.279	25.909 #
27)	L6 AR-1254-2	6.942	6.102	6292532	8471569	20.217	32.590 #
28)	L6 AR-1254-3	7.312	6.524	11121114	17190857	31.023	42.922 #
29)	L6 AR-1254-4	7.597	6.737	9152172	1654902	42.168	6.462 #
30)	L6 AR-1254-5	8.018	7.157	28248000	24805348	108.525	81.316 #
31)	L7 AR-1260-1	7.473	6.641	16490819	20416905	93.645	101.998
32)	L7 AR-1260-2	7.729	6.825	29303009	23155575	139.925	99.492 #
33)	L7 AR-1260-3	8.018	6.984	28248000	19760317	106.820	92.366
34)	L7 AR-1260-4	8.329	7.456	20969651	15249273	103.080	86.281
35)	L7 AR-1260-5	8.669	7.692	46427009	31286679	105.333	78.654 #
36)	L8 AR-1262-1	8.090	7.157	13324487	24805348	40.866	153.834 #
37)	L8 AR-1262-2	8.669	7.692	46427009	31286679	72.561	55.996
38)	L8 AR-1262-3	8.996	7.979	11363685	5928495	32.499	27.216
39)	L8 AR-1262-4	9.078	8.042	12032054	22700833	38.482	56.895 #
40)	L8 AR-1262-5	9.799	8.566	14472886	6751938	57.080	42.573 #
41)	L9 AR-1268-1	8.996	7.979	11363685	5928495	10.958	7.628 #

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 Acq On : 20 Jul 2022 19:14
 Operator : YP\AJ
 Sample : PB146318BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

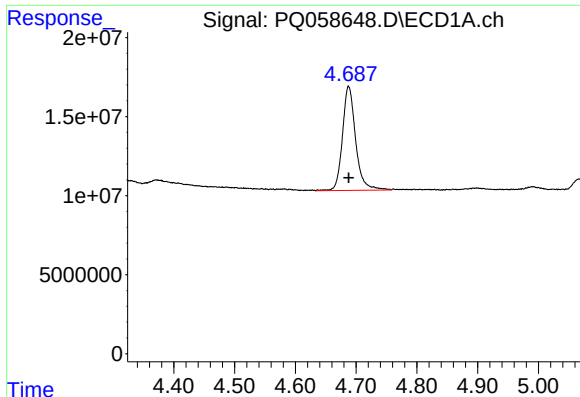
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 00:07:59 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
42)	L9 AR-1268-2	9.078	8.042	12032054	22700833	11.078	32.142 #
43)	L9 AR-1268-3	9.327	8.260	7964307	677579	8.071	1.105 #
44)	L9 AR-1268-4	9.799	8.566	14472886	6751938	43.624	31.718 #
45)	L9 AR-1268-5	10.238	8.888	8329784	3180144	2.765	1.728 #

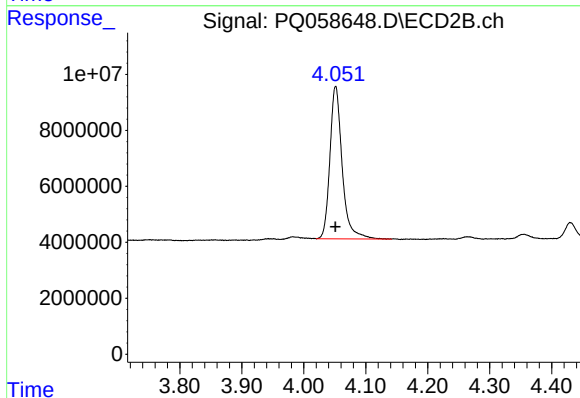
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

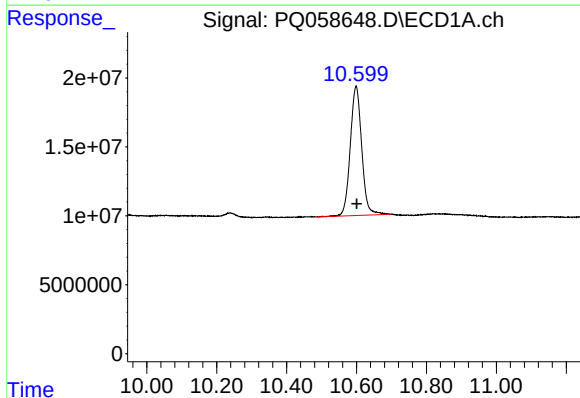
R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 99002871
Conc: 14.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



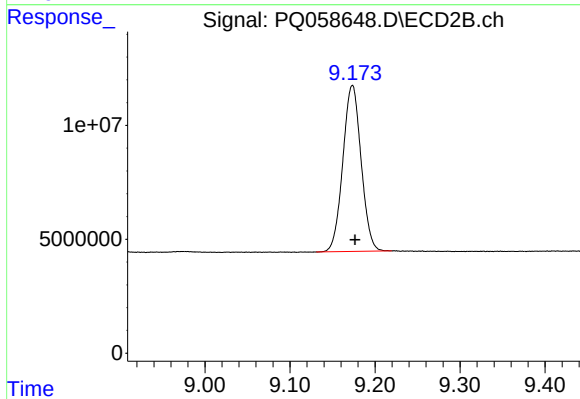
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 74989479
Conc: 13.41 ng/ml



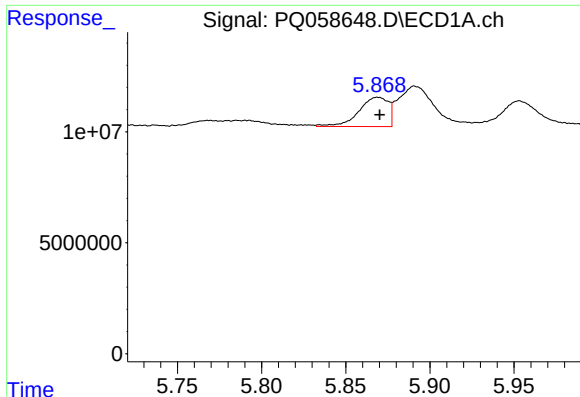
#2 Decachlorobiphenyl

R.T.: 10.599 min
Delta R.T.: -0.001 min
Response: 213889373
Conc: 38.23 ng/ml



#2 Decachlorobiphenyl

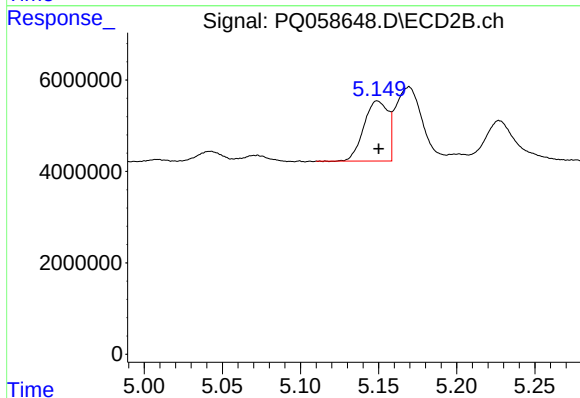
R.T.: 9.173 min
Delta R.T.: -0.003 min
Response: 108678321
Conc: 32.82 ng/ml



#3 AR-1016-1

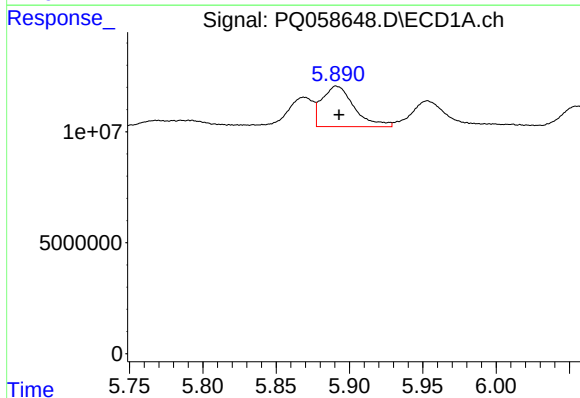
R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 16120088
Conc: 106.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



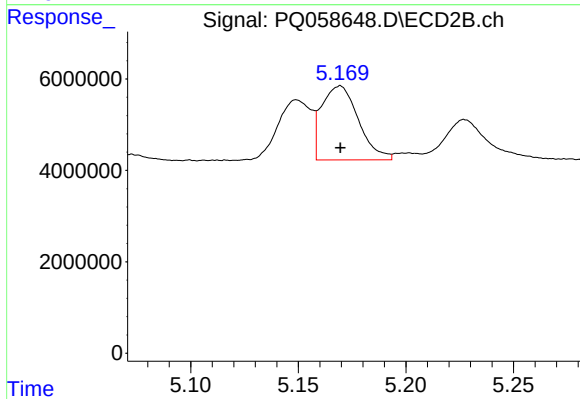
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 14135634
Conc: 90.55 ng/ml



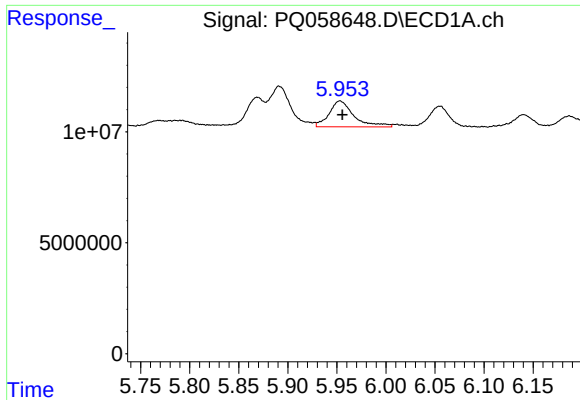
#4 AR-1016-2

R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 27869691
Conc: 107.06 ng/ml



#4 AR-1016-2

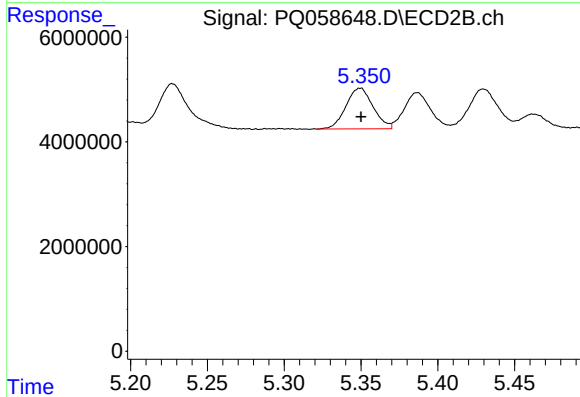
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 19306168
Conc: 86.06 ng/ml



#5 AR-1016-3

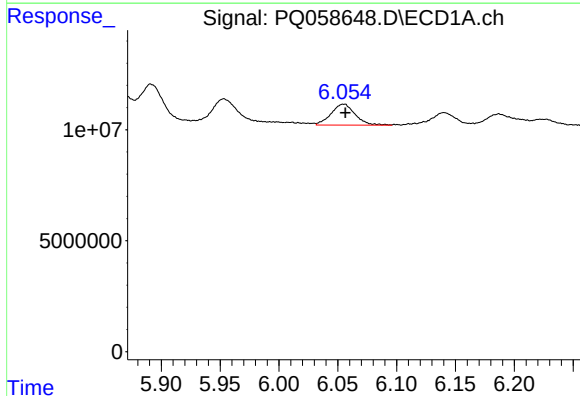
R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 20676667
Conc: 128.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



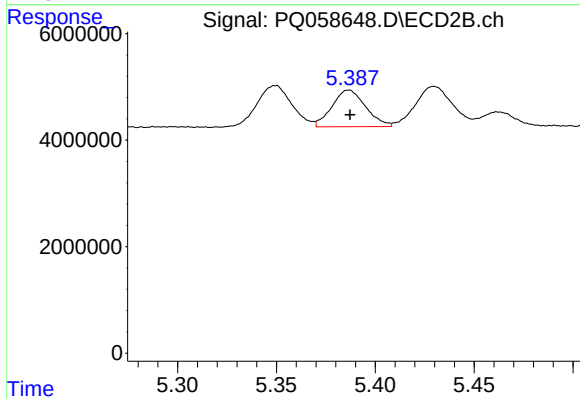
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 9556318
Conc: 86.49 ng/ml



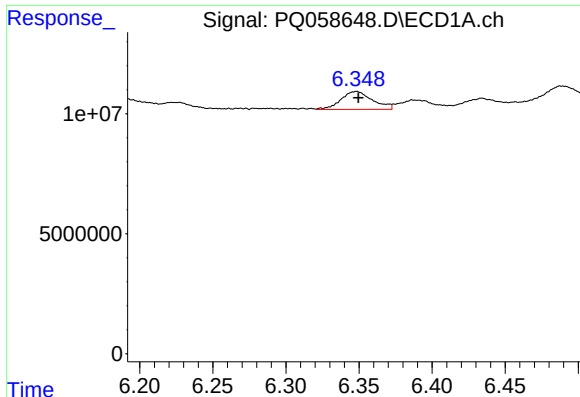
#6 AR-1016-4

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 13467453
Conc: 100.03 ng/ml



#6 AR-1016-4

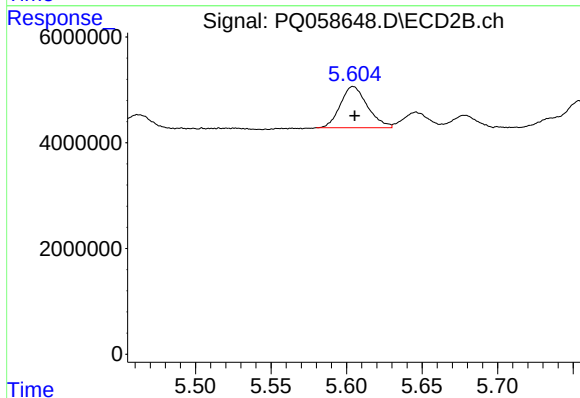
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 8137758
Conc: 85.51 ng/ml



#7 AR-1016-5

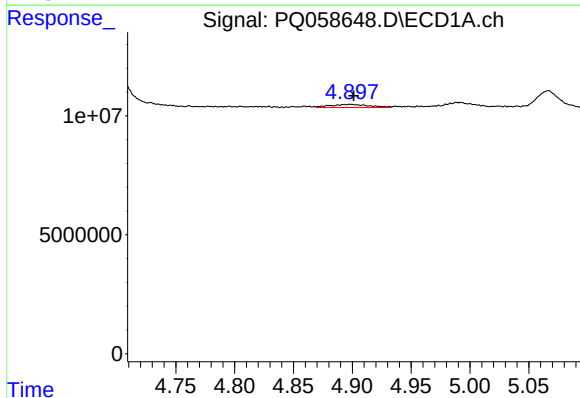
R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 11292280
Conc: 96.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



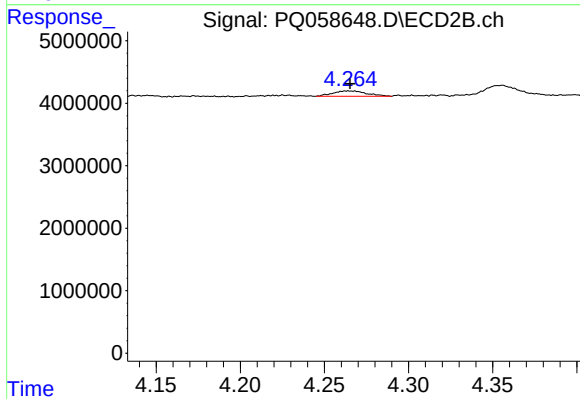
#7 AR-1016-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 9734244
Conc: 83.32 ng/ml



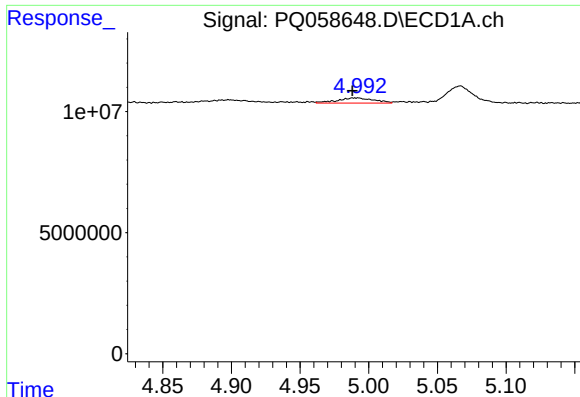
#8 AR-1221-1

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 3138296
Conc: 40.10 ng/ml



#8 AR-1221-1

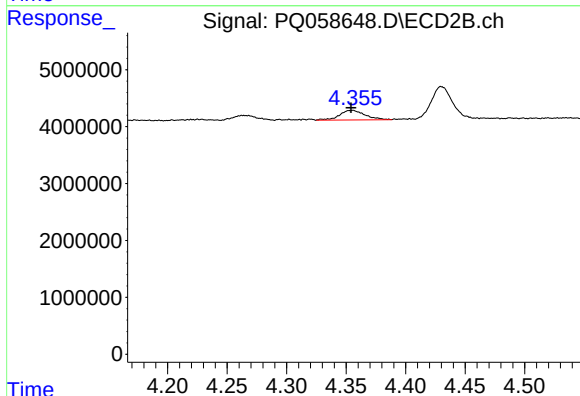
R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1214296
Conc: 20.46 ng/ml



#9 AR-1221-2

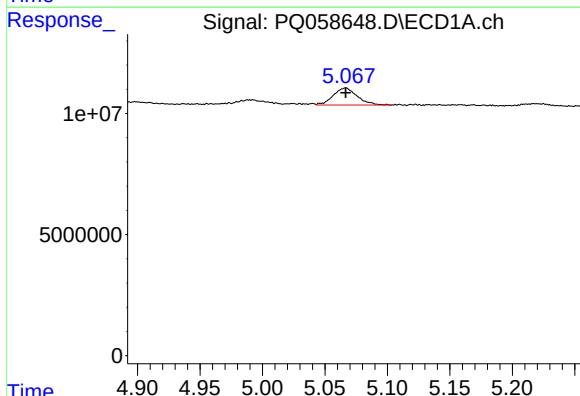
R.T.: 4.990 min
Delta R.T.: 0.002 min
Response: 3981636
Conc: 72.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



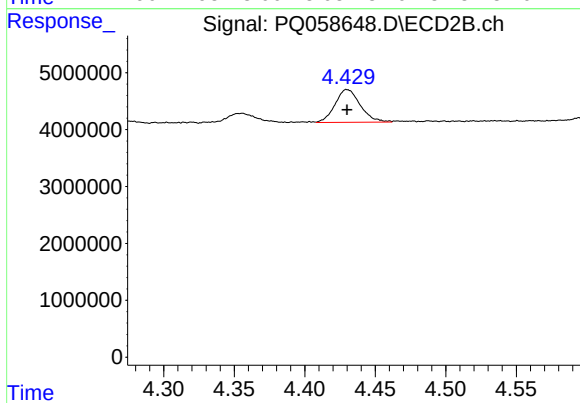
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 2563003
Conc: 62.56 ng/ml



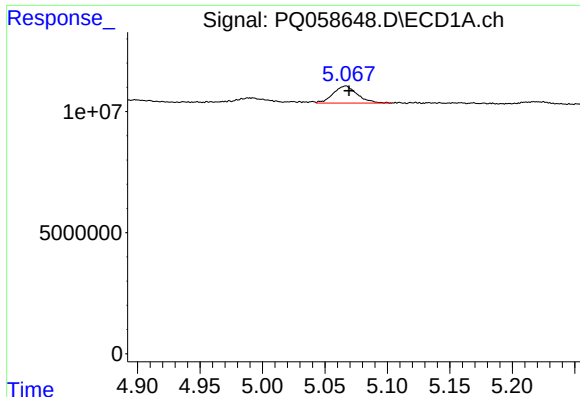
#10 AR-1221-3

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 9501674
Conc: 54.31 ng/ml



#10 AR-1221-3

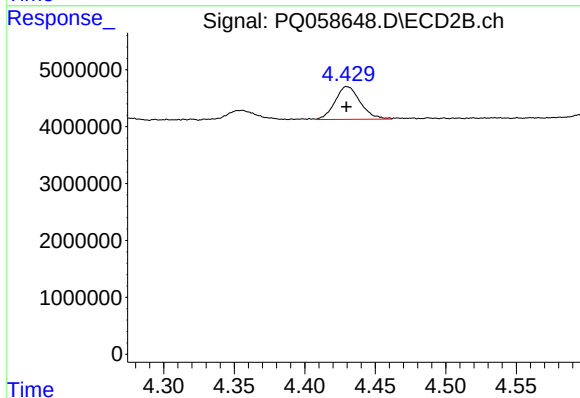
R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 7216069
Conc: 49.97 ng/ml



#11 AR-1232-1

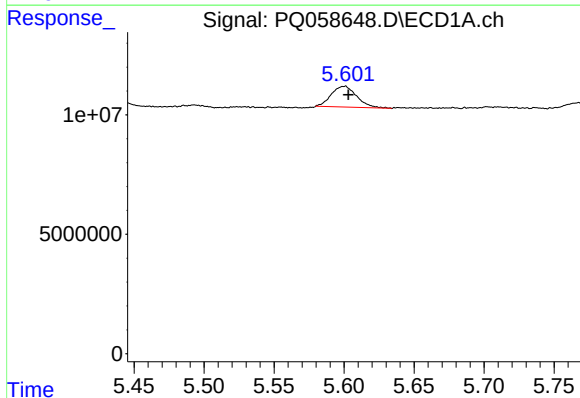
R.T.: 5.067 min
Delta R.T.: -0.003 min
Response: 9501674
Conc: 60.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



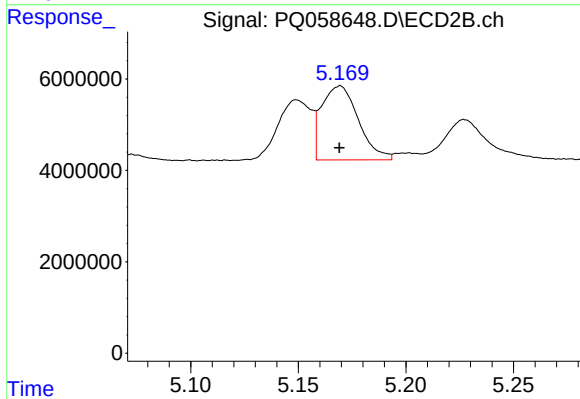
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 7216069
Conc: 54.73 ng/ml



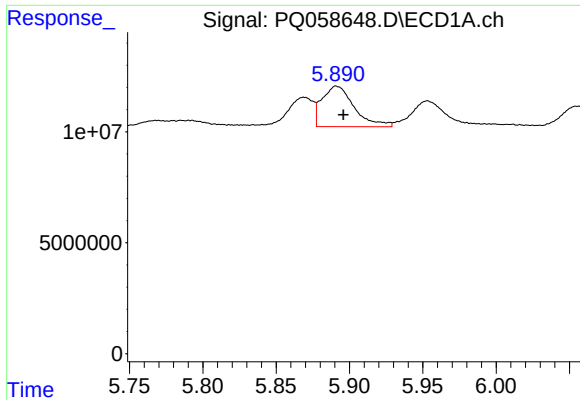
#12 AR-1232-2

R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 11069884
Conc: 144.37 ng/ml



#12 AR-1232-2

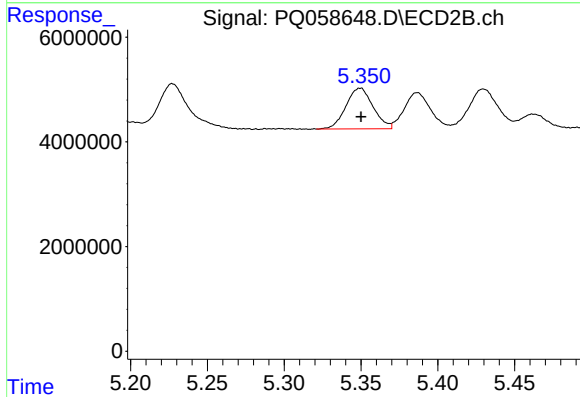
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 19306168
Conc: 164.78 ng/ml



#13 AR-1232-3

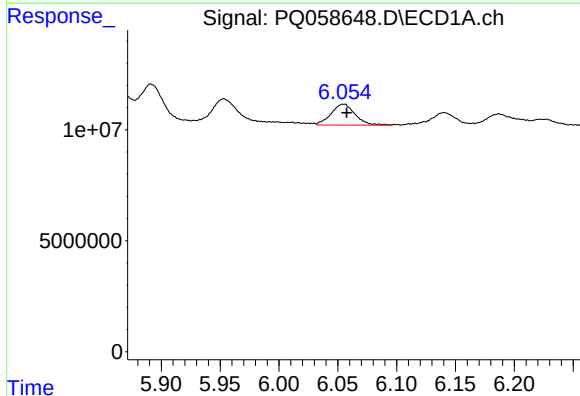
R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 27869691
Conc: 198.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



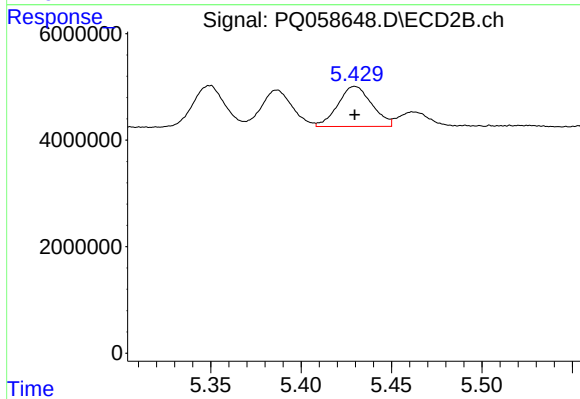
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 9556318
Conc: 174.18 ng/ml



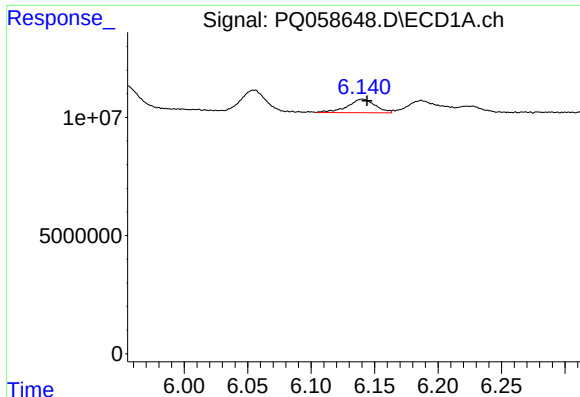
#14 AR-1232-4

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 13467453
Conc: 189.99 ng/ml



#14 AR-1232-4

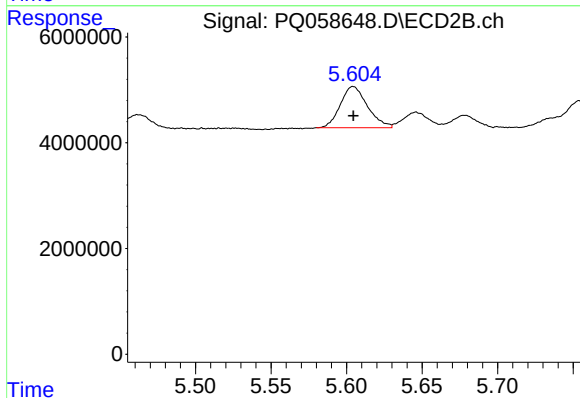
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 9848899
Conc: 187.25 ng/ml



#15 AR-1232-5

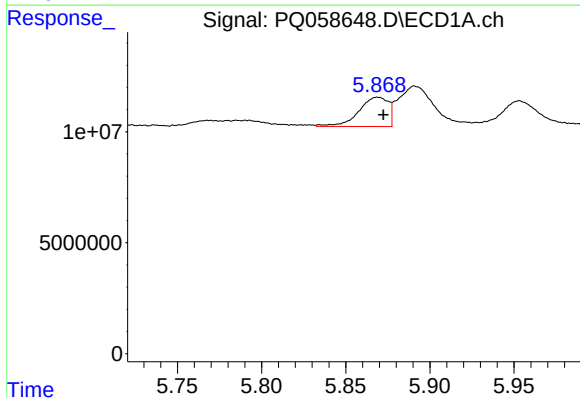
R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 8699143
Conc: 192.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



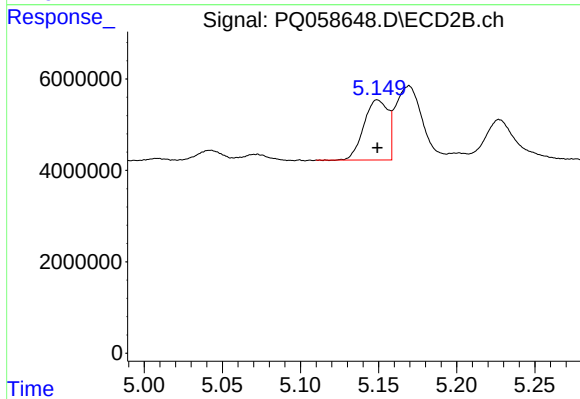
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 9734244
Conc: 170.80 ng/ml



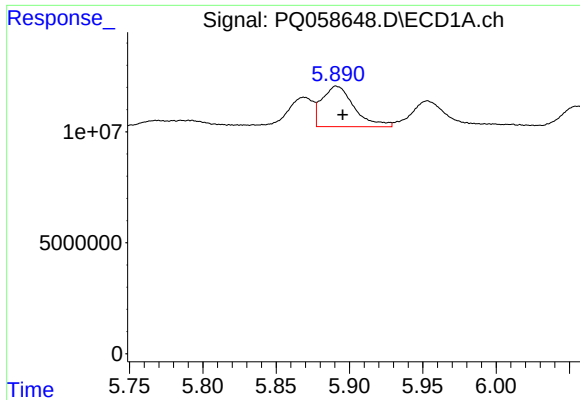
#16 AR-1242-1

R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 16120088
Conc: 116.93 ng/ml



#16 AR-1242-1

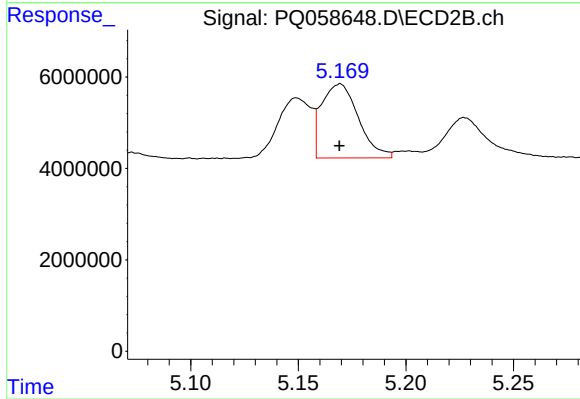
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 14135634
Conc: 101.97 ng/ml



#17 AR-1242-2

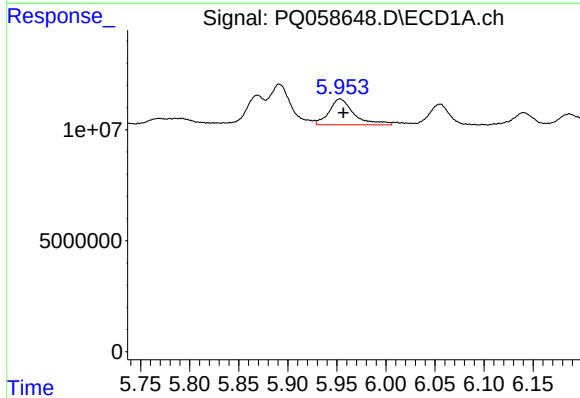
R.T.: 5.891 min
Delta R.T.: -0.004 min
Response: 27869691
Conc: 115.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



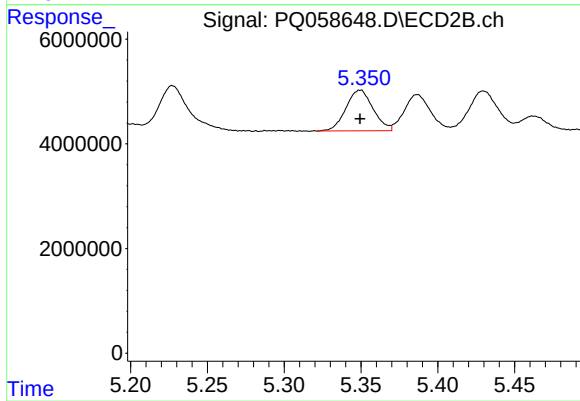
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 19306168
Conc: 96.55 ng/ml



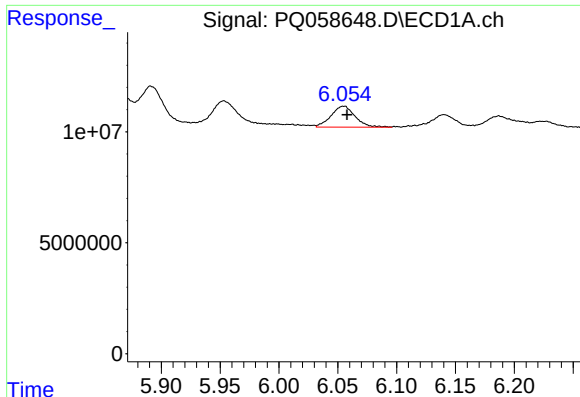
#18 AR-1242-3

R.T.: 5.953 min
Delta R.T.: -0.004 min
Response: 20676667
Conc: 130.18 ng/ml



#18 AR-1242-3

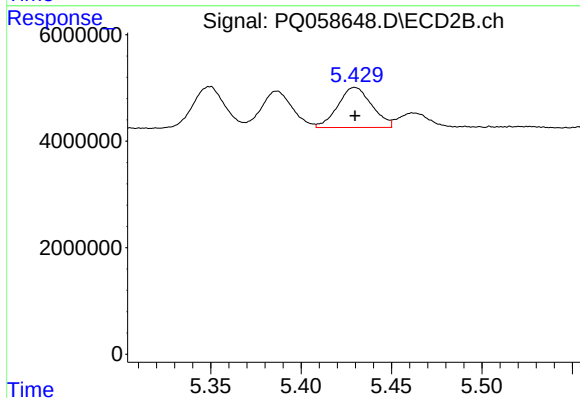
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 9556318
Conc: 96.74 ng/ml



#19 AR-1242-4

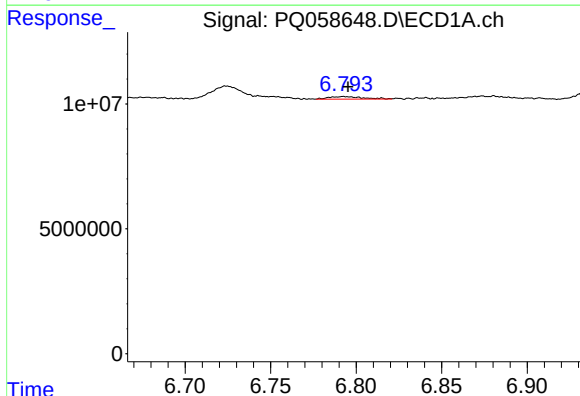
R.T.: 6.055 min
Delta R.T.: -0.003 min
Response: 13467453
Conc: 102.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



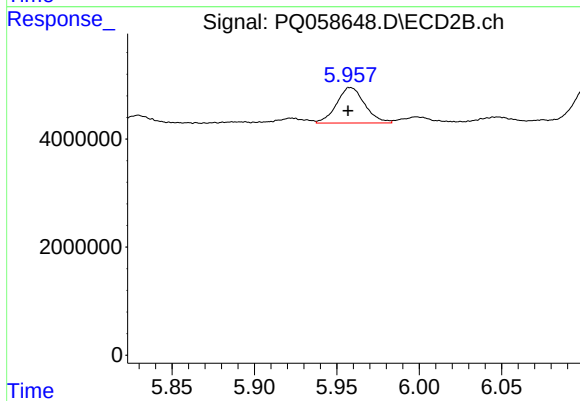
#19 AR-1242-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 9848899
Conc: 96.90 ng/ml



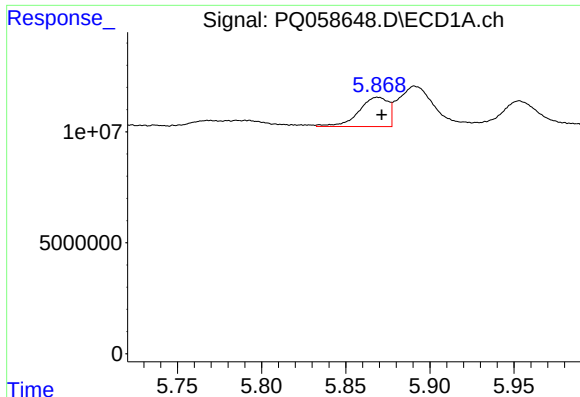
#20 AR-1242-5

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 1405810
Conc: 12.33 ng/ml



#20 AR-1242-5

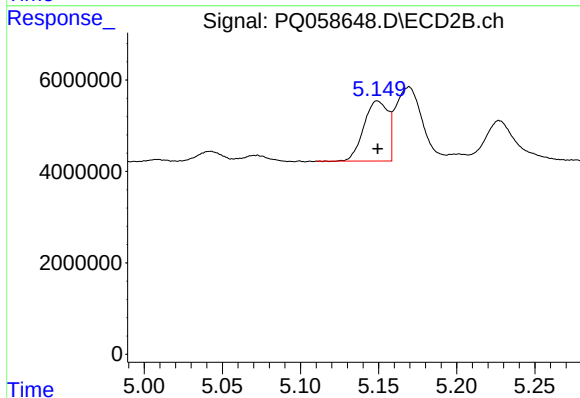
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 7833803
Conc: 67.11 ng/ml



#21 AR-1248-1

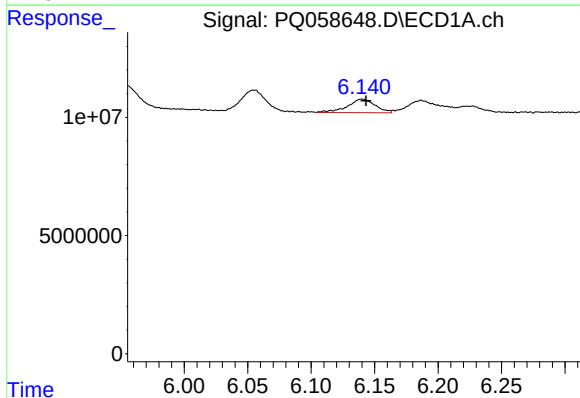
R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 16120088
Conc: 137.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



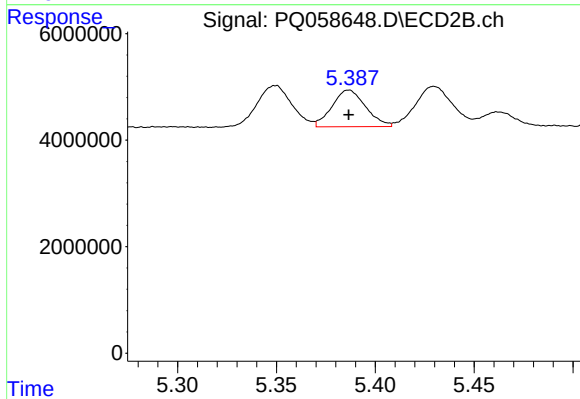
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 14135634
Conc: 122.12 ng/ml



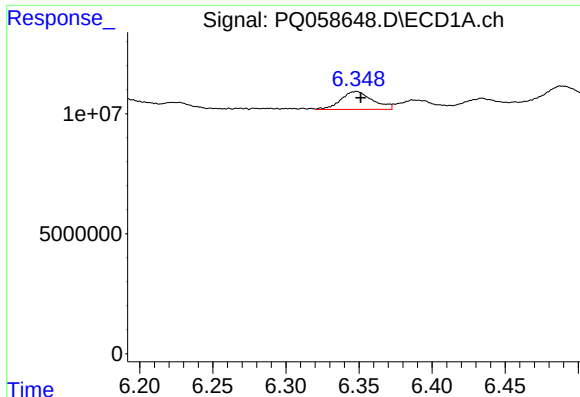
#22 AR-1248-2

R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 8699143
Conc: 51.67 ng/ml



#22 AR-1248-2

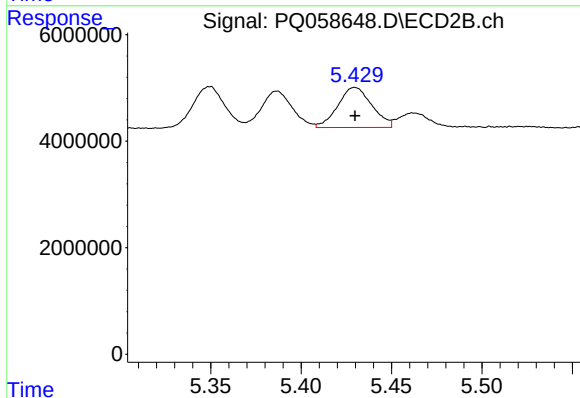
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 8137758
Conc: 48.80 ng/ml



#23 AR-1248-3

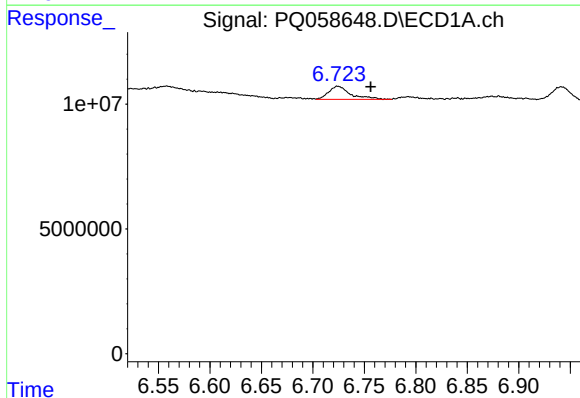
R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 11292280
Conc: 55.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



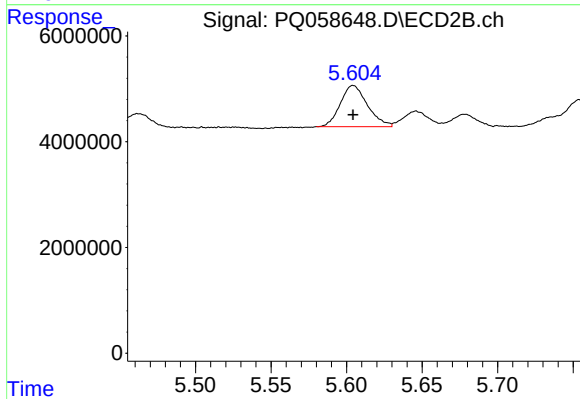
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 9848899
Conc: 57.01 ng/ml



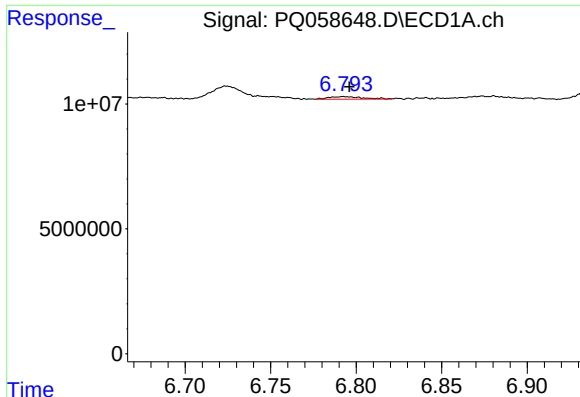
#24 AR-1248-4

R.T.: 6.724 min
Delta R.T.: -0.032 min
Response: 7762362
Conc: 39.17 ng/ml



#24 AR-1248-4

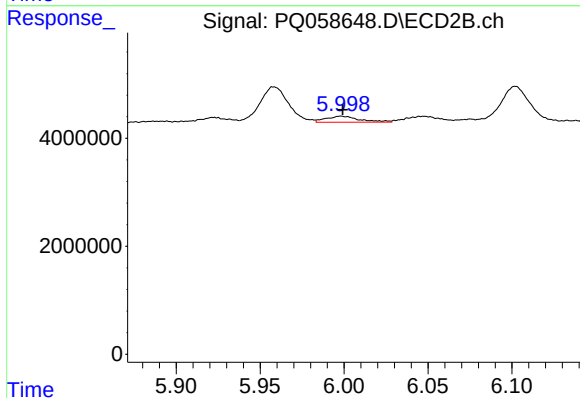
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 9734244
Conc: 49.08 ng/ml



#25 AR-1248-5

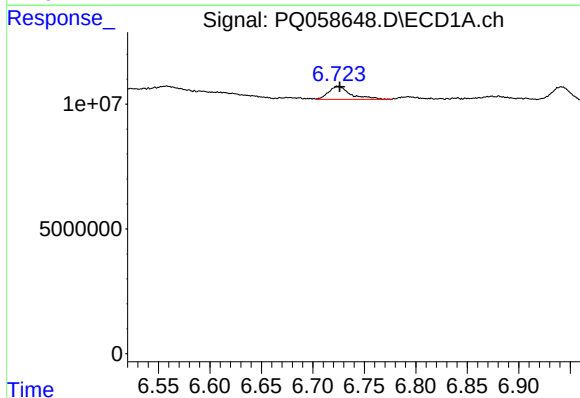
R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 1405810
Conc: 6.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



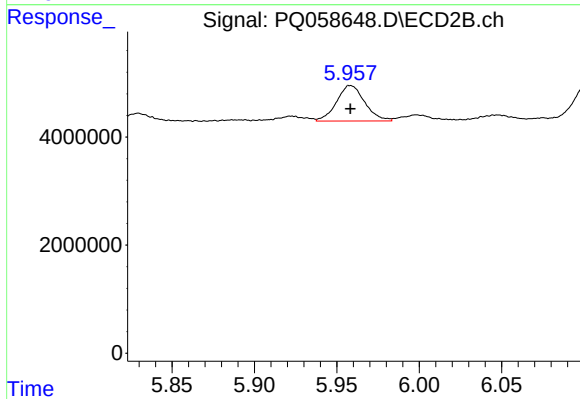
#25 AR-1248-5

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 1539691
Conc: 8.68 ng/ml



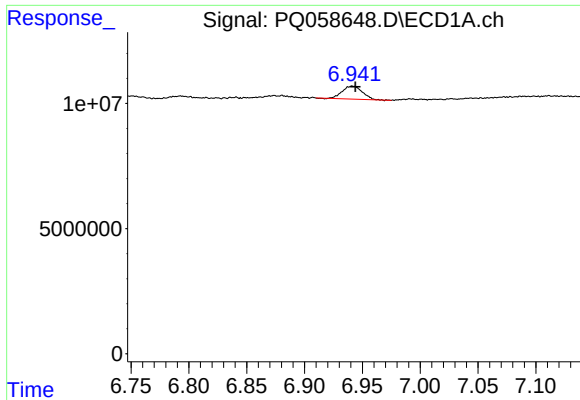
#26 AR-1254-1

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 7762362
Conc: 37.28 ng/ml



#26 AR-1254-1

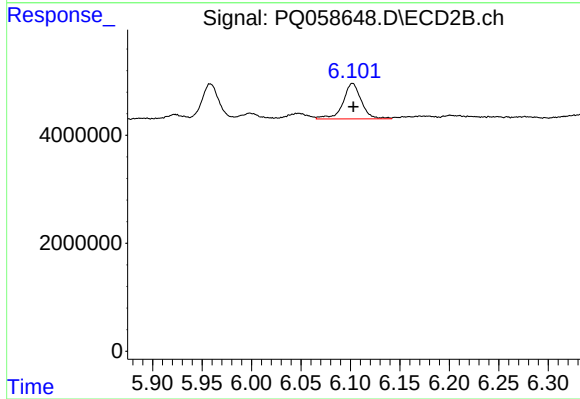
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 7833803
Conc: 25.91 ng/ml



#27 AR-1254-2

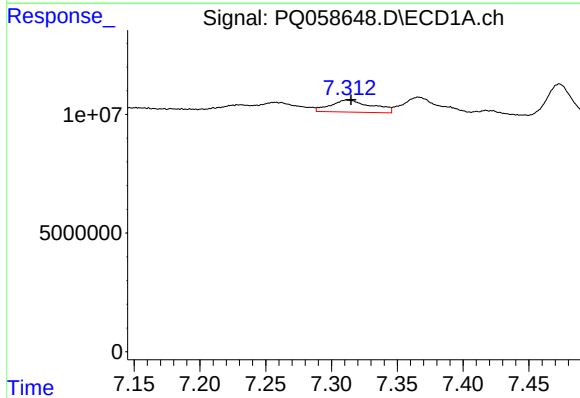
R.T.: 6.942 min
Delta R.T.: -0.002 min
Response: 6292532
Conc: 20.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



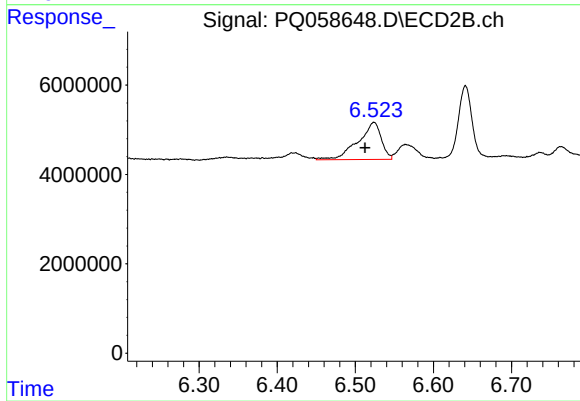
#27 AR-1254-2

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 8471569
Conc: 32.59 ng/ml



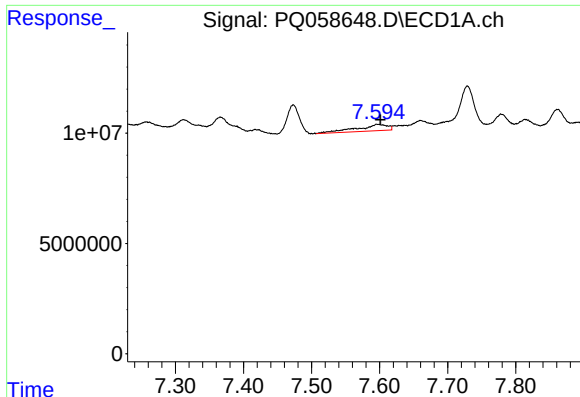
#28 AR-1254-3

R.T.: 7.312 min
Delta R.T.: -0.003 min
Response: 11121114
Conc: 31.02 ng/ml



#28 AR-1254-3

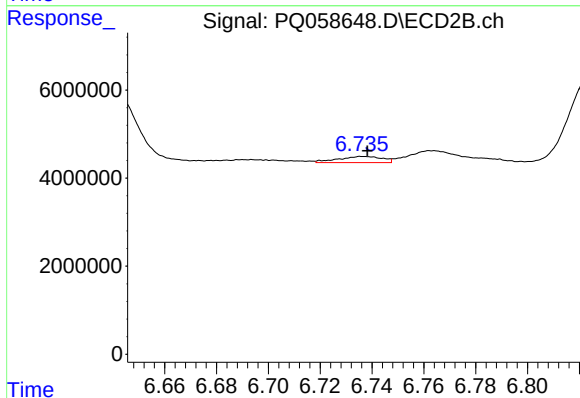
R.T.: 6.524 min
Delta R.T.: 0.012 min
Response: 17190857
Conc: 42.92 ng/ml



#29 AR-1254-4

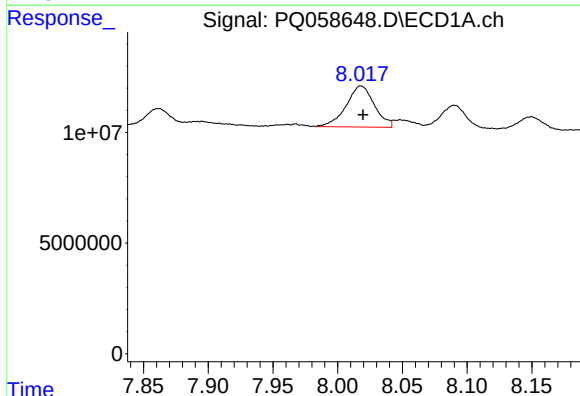
R.T.: 7.597 min
Delta R.T.: -0.004 min
Response: 9152172
Conc: 42.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



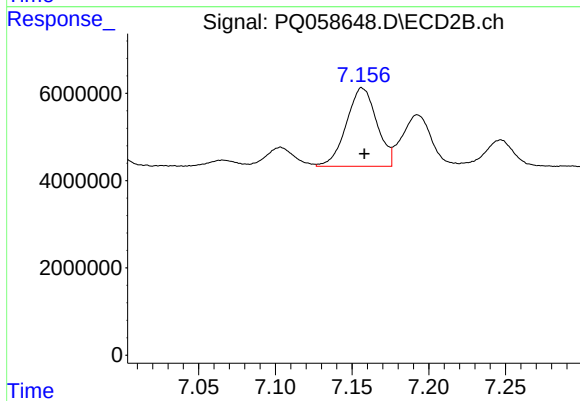
#29 AR-1254-4

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 1654902
Conc: 6.46 ng/ml



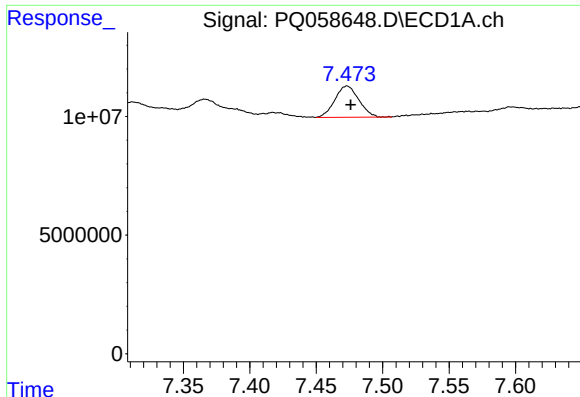
#30 AR-1254-5

R.T.: 8.018 min
Delta R.T.: -0.002 min
Response: 28248000
Conc: 108.52 ng/ml



#30 AR-1254-5

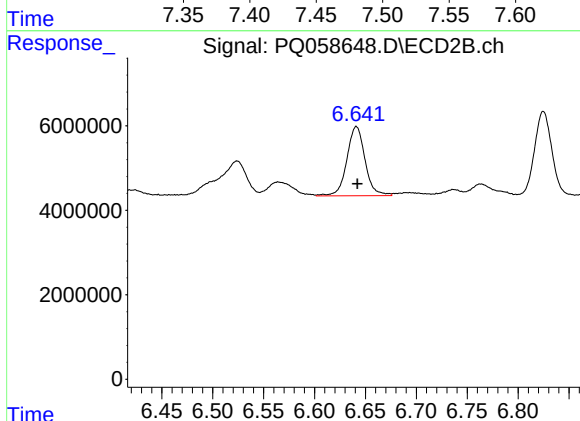
R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 24805348
Conc: 81.32 ng/ml



#31 AR-1260-1

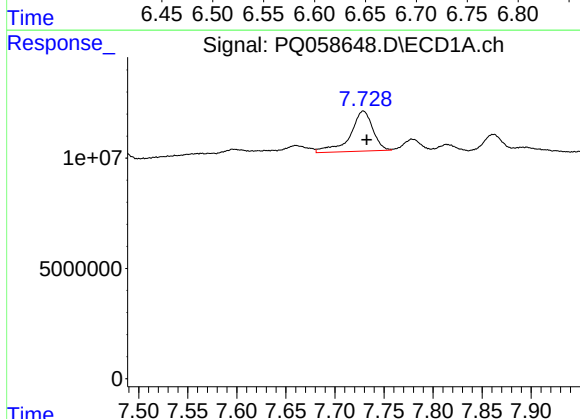
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 16490819
Conc: 93.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



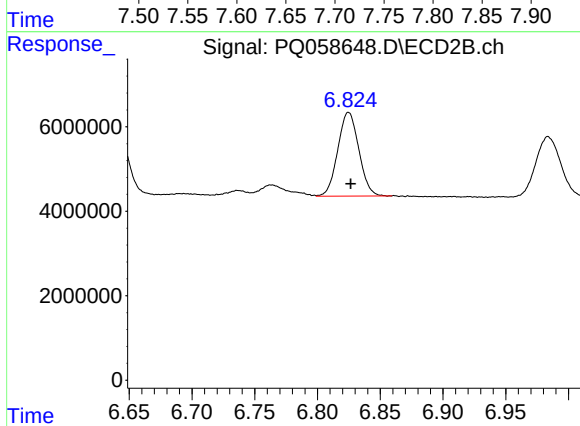
#31 AR-1260-1

R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 20416905
Conc: 102.00 ng/ml



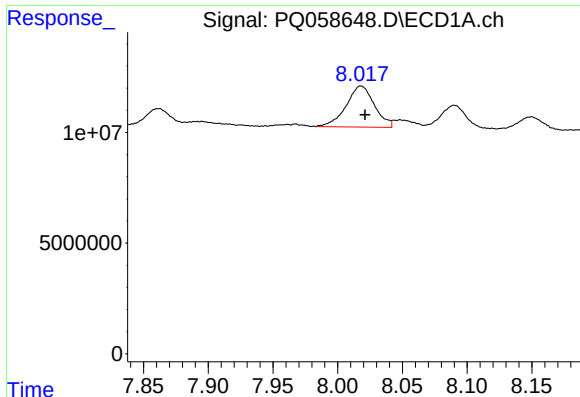
#32 AR-1260-2

R.T.: 7.729 min
Delta R.T.: -0.003 min
Response: 29303009
Conc: 139.92 ng/ml



#32 AR-1260-2

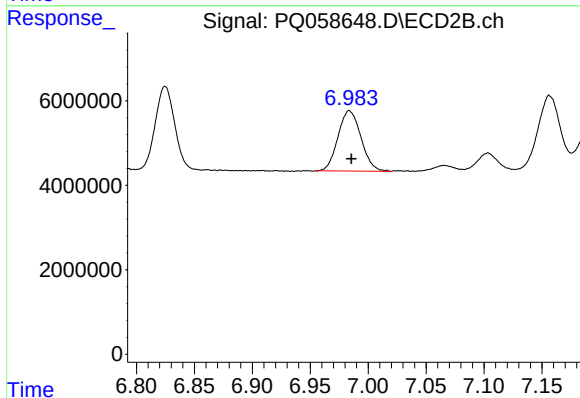
R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 23155575
Conc: 99.49 ng/ml



#33 AR-1260-3

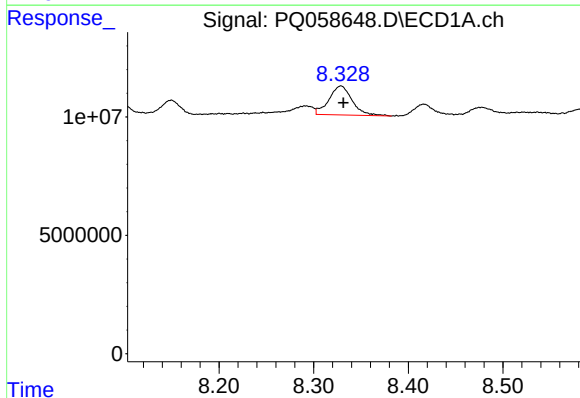
R.T.: 8.018 min
Delta R.T.: -0.003 min
Response: 28248000
Conc: 106.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



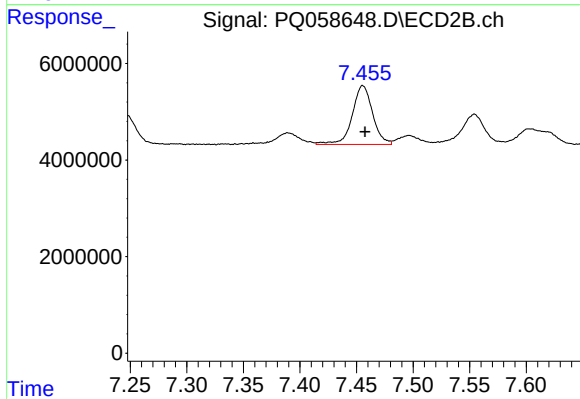
#33 AR-1260-3

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 19760317
Conc: 92.37 ng/ml



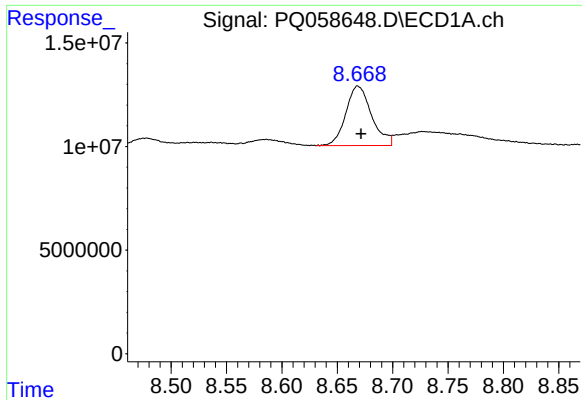
#34 AR-1260-4

R.T.: 8.329 min
Delta R.T.: -0.002 min
Response: 20969651
Conc: 103.08 ng/ml



#34 AR-1260-4

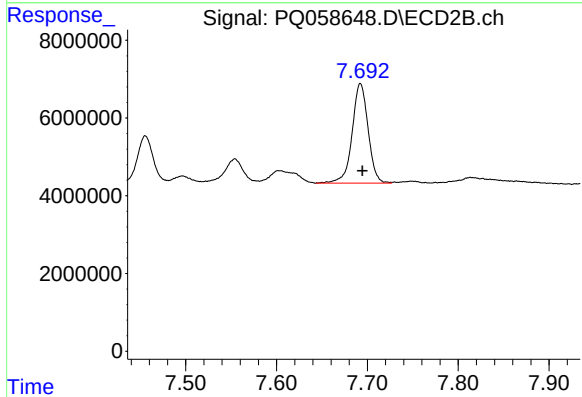
R.T.: 7.456 min
Delta R.T.: -0.002 min
Response: 15249273
Conc: 86.28 ng/ml



#35 AR-1260-5

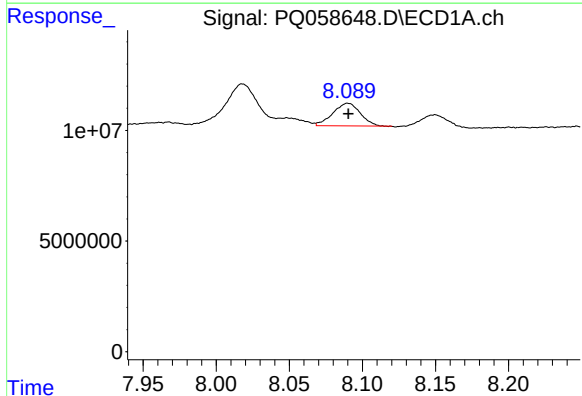
R.T.: 8.669 min
Delta R.T.: -0.003 min
Response: 46427009
Conc: 105.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



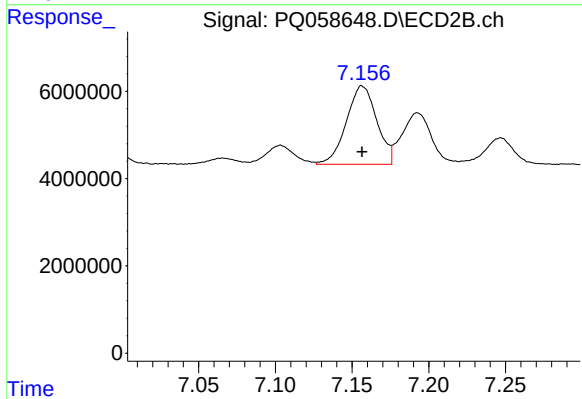
#35 AR-1260-5

R.T.: 7.692 min
Delta R.T.: -0.002 min
Response: 31286679
Conc: 78.65 ng/ml



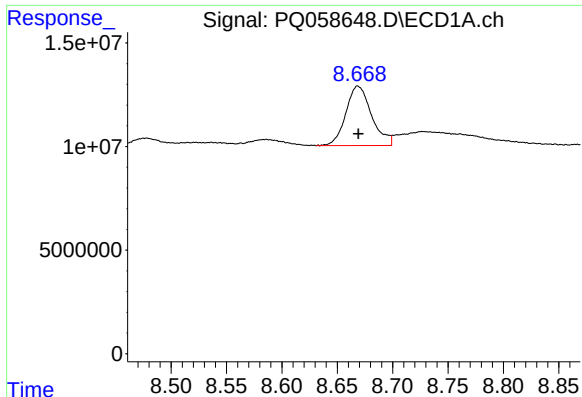
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 13324487
Conc: 40.87 ng/ml



#36 AR-1262-1

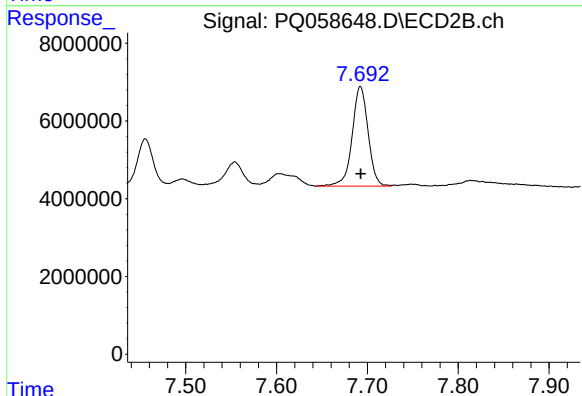
R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 24805348
Conc: 153.83 ng/ml



#37 AR-1262-2

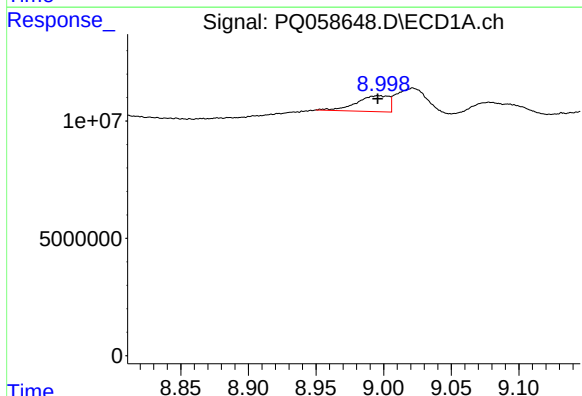
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 46427009
Conc: 72.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



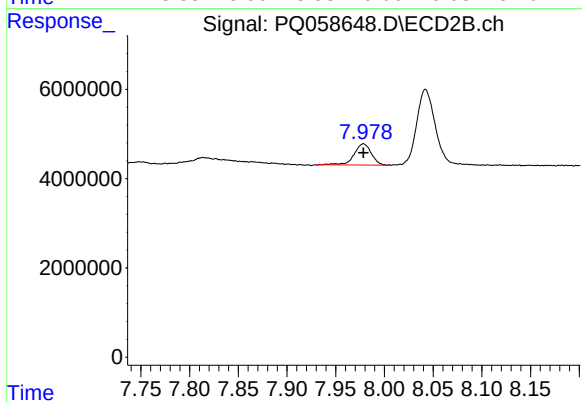
#37 AR-1262-2

R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 31286679
Conc: 56.00 ng/ml



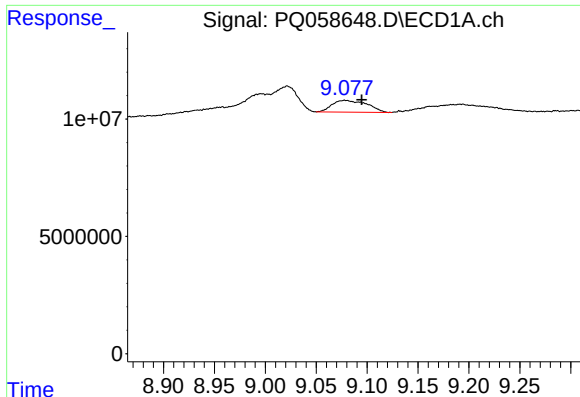
#38 AR-1262-3

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 11363685
Conc: 32.50 ng/ml



#38 AR-1262-3

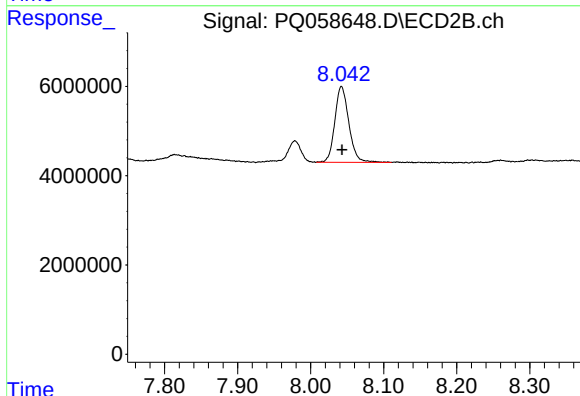
R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 5928495
Conc: 27.22 ng/ml



#39 AR-1262-4

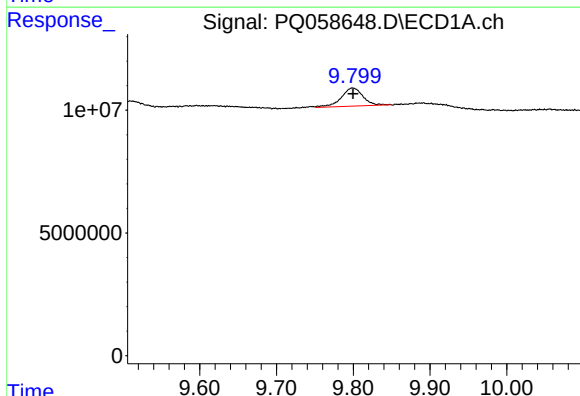
R.T.: 9.078 min
Delta R.T.: -0.016 min
Response: 12032054
Conc: 38.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



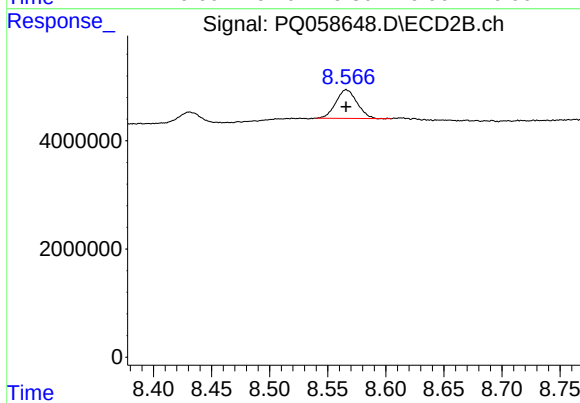
#39 AR-1262-4

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 22700833
Conc: 56.90 ng/ml



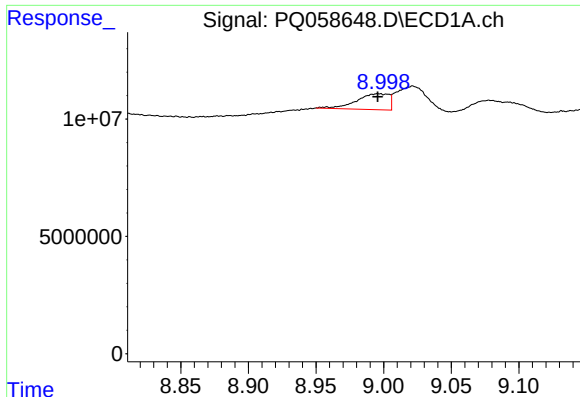
#40 AR-1262-5

R.T.: 9.799 min
Delta R.T.: 0.000 min
Response: 14472886
Conc: 57.08 ng/ml



#40 AR-1262-5

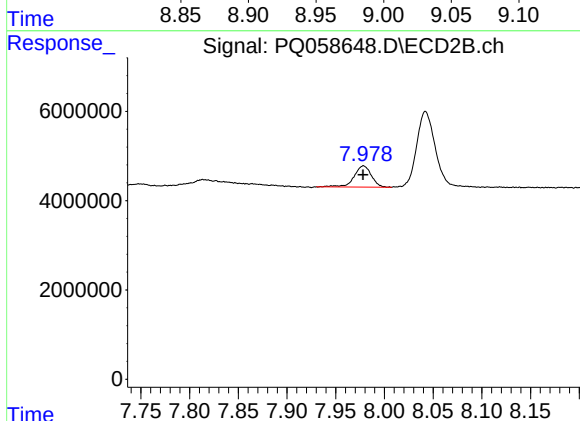
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 6751938
Conc: 42.57 ng/ml



#41 AR-1268-1

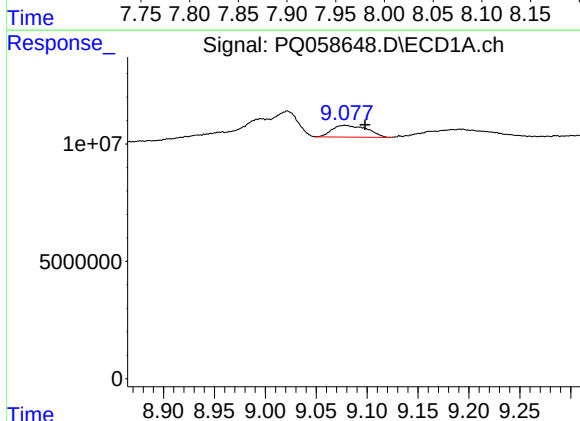
R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 11363685
Conc: 10.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



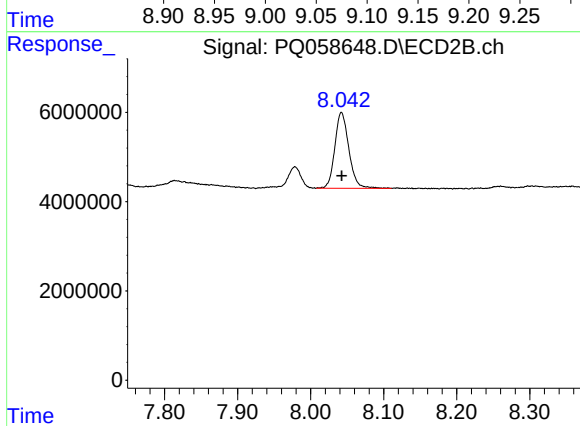
#41 AR-1268-1

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 5928495
Conc: 7.63 ng/ml



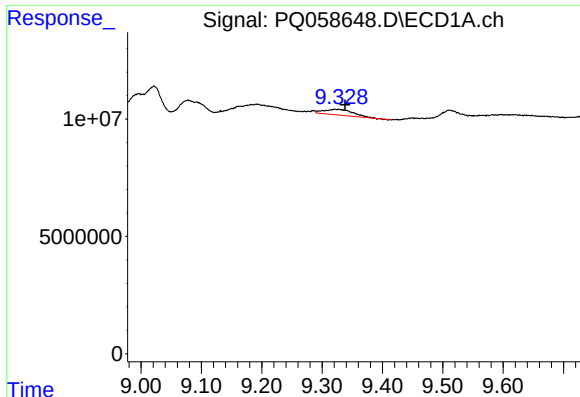
#42 AR-1268-2

R.T.: 9.078 min
Delta R.T.: -0.020 min
Response: 12032054
Conc: 11.08 ng/ml



#42 AR-1268-2

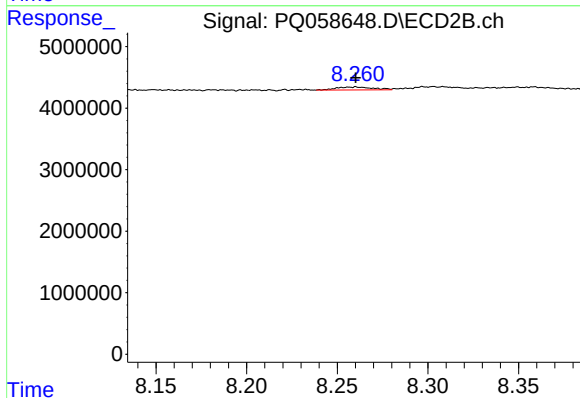
R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 22700833
Conc: 32.14 ng/ml



#43 AR-1268-3

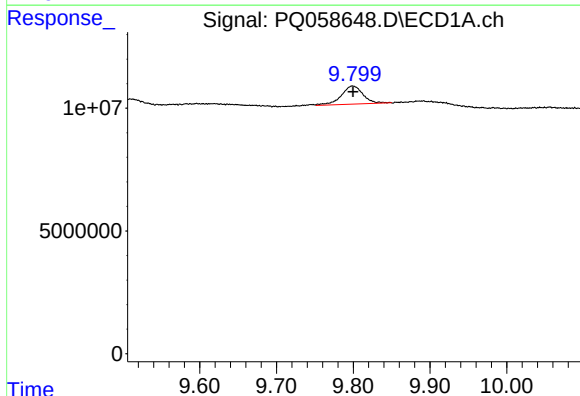
R.T.: 9.327 min
Delta R.T.: -0.011 min
Response: 7964307
Conc: 8.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



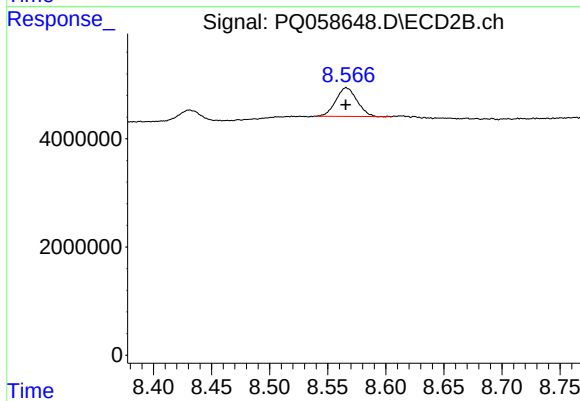
#43 AR-1268-3

R.T.: 8.260 min
Delta R.T.: 0.000 min
Response: 677579
Conc: 1.10 ng/ml



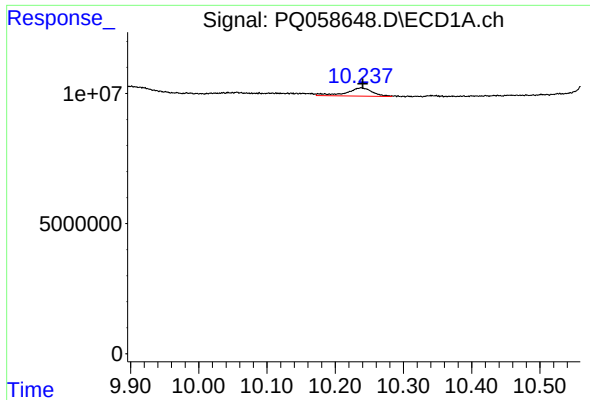
#44 AR-1268-4

R.T.: 9.799 min
Delta R.T.: 0.000 min
Response: 14472886
Conc: 43.62 ng/ml



#44 AR-1268-4

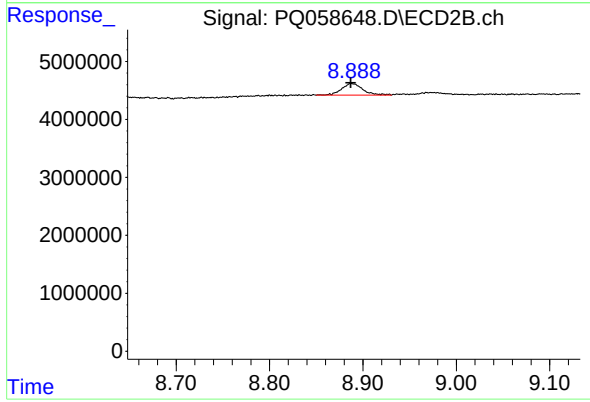
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 6751938
Conc: 31.72 ng/ml



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: -0.002 min
Response: 8329784
Conc: 2.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 3180144
Conc: 1.73 ng/ml