

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120419\
 Data File : PQ045627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2019 18:32
 Operator : SM\AJ
 Sample : K6095-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 03:33:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 04 05:36:27 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...	5.220	4.469	2992259	1797454	0.540	0.367 #
2)	SA Decachlor...	11.411	9.878	3327987	1693165	0.255	0.273
Target Compounds							
3)	L1 AR-1016-1	6.553	5.698	82325789	51925995	374.804	358.495
4)	L1 AR-1016-2	6.578	5.719	120.2E6	81093116	363.144	332.263
5)	L1 AR-1016-3	6.645	5.917	69073153	41229956	360.266	353.443
6)	L1 AR-1016-4	6.752	5.963	59593196	34780299	372.590	347.949
7)	L1 AR-1016-5	7.067	6.200	58561382	44156755	341.271	341.888
8)	L2 AR-1221-1	5.481	4.676	6313264	3744978	103.818	73.436 #
9)	L2 AR-1221-2	5.581	4.782	6506228	3917499	147.643	113.340
10)	L2 AR-1221-3	5.669	4.872	34657518	25889275	219.063	206.786
11)	L3 AR-1232-1	5.669	4.872	34657518	25889275	289.461	270.161
12)	L3 AR-1232-2	6.261	5.719	53006032	81093116	827.088	740.360
13)	L3 AR-1232-3	6.578	5.917	120.2E6	41229956	798.990	784.720
14)	L3 AR-1232-4	6.752	6.010	59593196	43275092	825.172	850.152
15)	L3 AR-1232-5	6.849	6.200	50521546	44156755	915.184	851.905
16)	L4 AR-1242-1	6.553	5.698	82325789	51925995	401.614	383.387
17)	L4 AR-1242-2	6.578	5.719	120.2E6	81093116	390.686	366.911
18)	L4 AR-1242-3	6.645	5.917	69073153	41229956	385.323	375.196
19)	L4 AR-1242-4	6.752	6.010	59593196	43275092	398.284	374.387
20)	L4 AR-1242-5	7.535	6.583	8447595	35153242	46.470	250.887 #
21)	L5 AR-1248-1	6.553	5.698	82325789	51925995	504.961	481.842
22)	L5 AR-1248-2	6.849	5.963	50521546	34780299	221.059	209.586
23)	L5 AR-1248-3	7.067	6.010	58561382	43275092	222.440	249.523
24)	L5 AR-1248-4	7.493	6.200	9425353	44156755	28.929	216.386 #
25)	L5 AR-1248-5	7.535	6.627	8447595	5251985	27.867	27.578
26)	L6 AR-1254-1	7.466	6.583	46999718	35153242	163.797	113.566 #
27)	L6 AR-1254-2	7.694	6.739	58132958	35159270	123.674	125.326
28)	L6 AR-1254-3	8.077	7.185	36111916	76393819	68.029	164.542 #
29)	L6 AR-1254-4	8.372	7.408	27635773	6833917	63.988	25.261 #
30)	L6 AR-1254-5	8.802	7.843	196.4E6	125.8E6	408.749	311.170
31)	L7 AR-1260-1	8.245	7.306	132.3E6	93879739	361.731	341.978
32)	L7 AR-1260-2	8.510	7.500	158.2E6	108.0E6	334.613	336.212
33)	L7 AR-1260-3	8.879	7.664	109.0E6	104.4E6	267.678	341.422 #
34)	L7 AR-1260-4	9.119	8.151	129.7E6	73695276	280.924	275.325
35)	L7 AR-1260-5	9.462	8.396	274.6E6	176.3E6	248.659	256.963
36)	L8 AR-1262-1	8.939	7.843	59945697	125.8E6	208.616	484.542 #
37)	L8 AR-1262-2	9.462	8.396	274.6E6	176.3E6	171.431	177.174
38)	L8 AR-1262-3	9.815	8.688	180.9E6	29839893	171.792	75.859 #
39)	L8 AR-1262-4	9.872	8.752	107.0E6	135.3E6	122.974	168.562 #
40)	L8 AR-1262-5	10.601	9.276	78251598	35527114	114.366	108.146
41)	L9 AR-1268-1	9.815	8.688	180.9E6	29839893	112.175	30.495 #

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 Acq On : 04 Dec 2019 18:32
 Operator : SM\AJ
 Sample : K6095-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

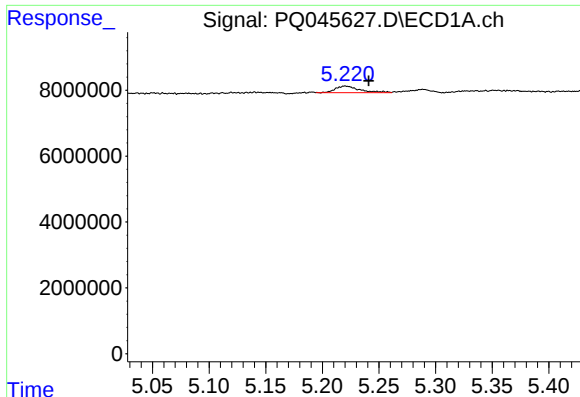
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 03:33:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120319CLP.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	9.872	8.752	107.0E6	135.3E6	64.846	136.658 #
43) L9	AR-1268-3	10.142	8.970	4829441	2327078	3.444	2.943
44) L9	AR-1268-4	10.601	9.276	78251598	35527114	118.465	108.725
45) L9	AR-1268-5	11.046	9.595	26334532	12456657	4.896	4.661

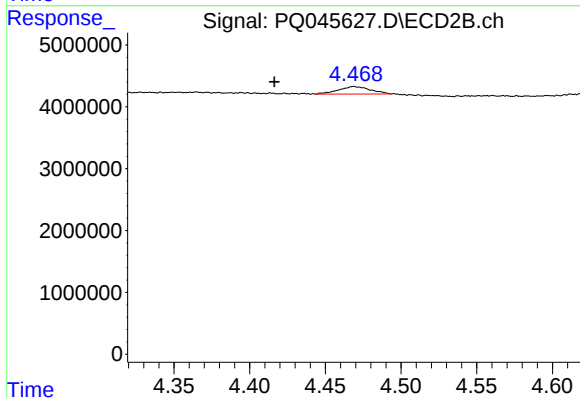
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

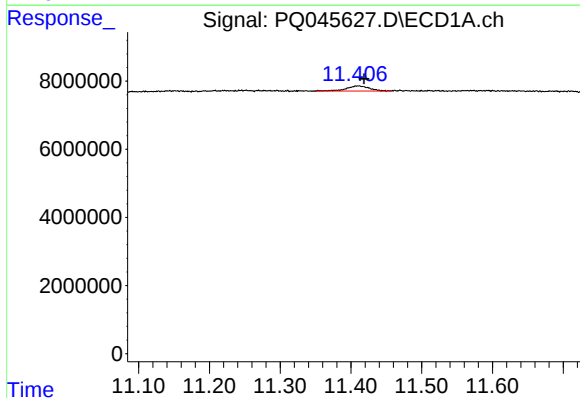
R.T.: 5.220 min
Delta R.T.: -0.021 min
Response: 2992259
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



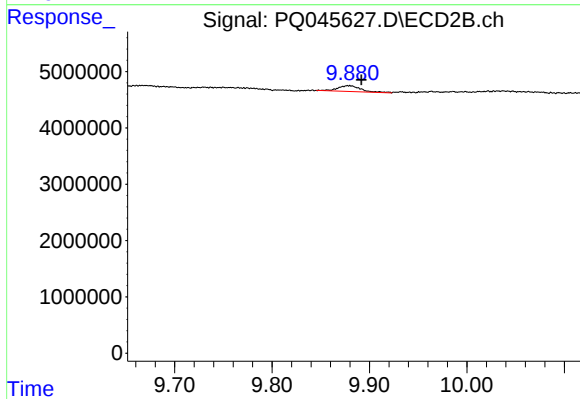
#1 Tetrachloro-m-xylene

R.T.: 4.469 min
Delta R.T.: 0.052 min
Response: 1797454
Conc: 0.37 ng/ml



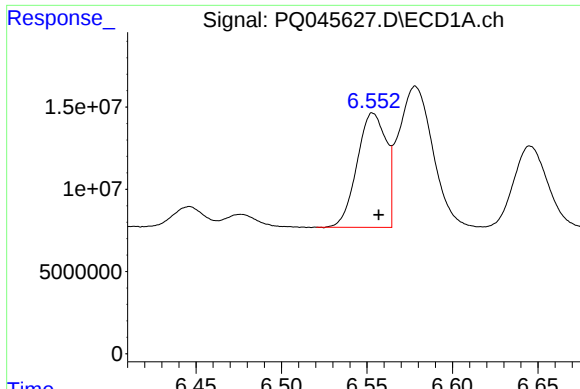
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: -0.008 min
Response: 3327987
Conc: 0.25 ng/ml



#2 Decachlorobiphenyl

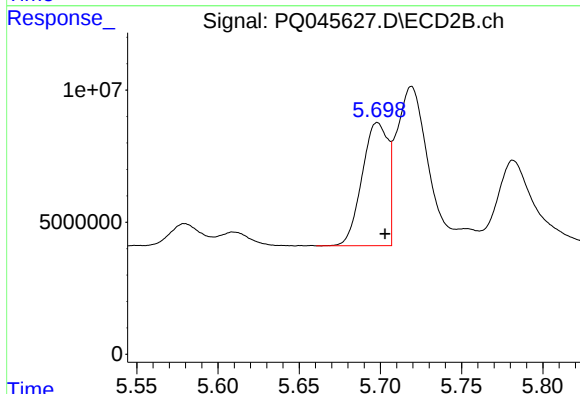
R.T.: 9.878 min
Delta R.T.: -0.014 min
Response: 1693165
Conc: 0.27 ng/ml



#3 AR-1016-1

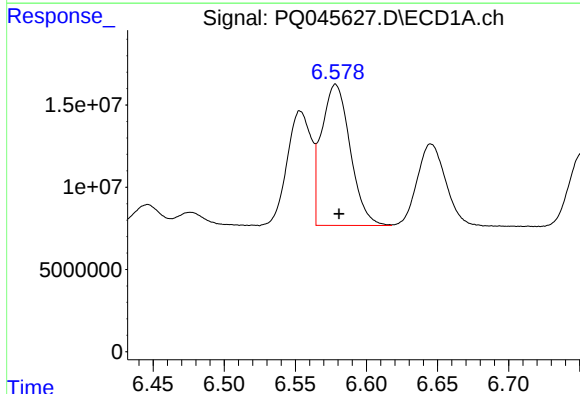
R.T.: 6.553 min
Delta R.T.: -0.003 min
Response: 82325789
Conc: 374.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



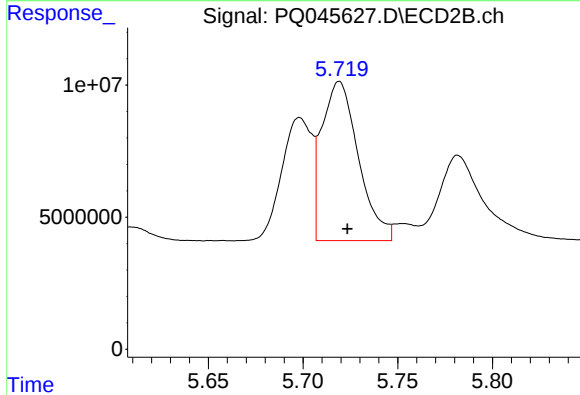
#3 AR-1016-1

R.T.: 5.698 min
Delta R.T.: -0.005 min
Response: 51925995
Conc: 358.50 ng/ml



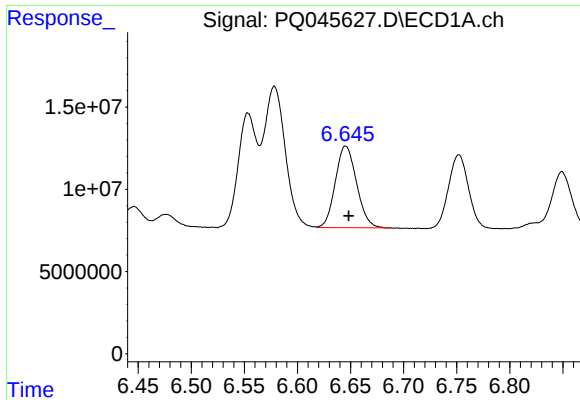
#4 AR-1016-2

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 120205917
Conc: 363.14 ng/ml



#4 AR-1016-2

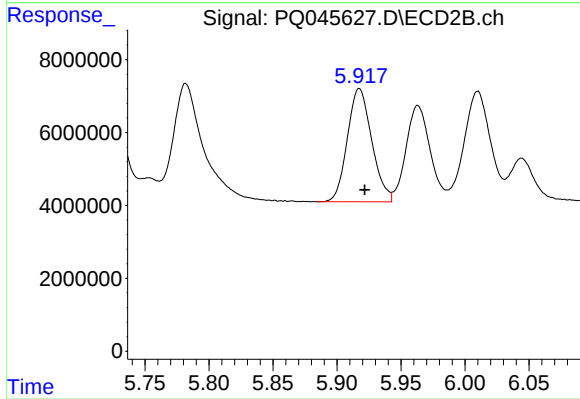
R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 81093116
Conc: 332.26 ng/ml



#5 AR-1016-3

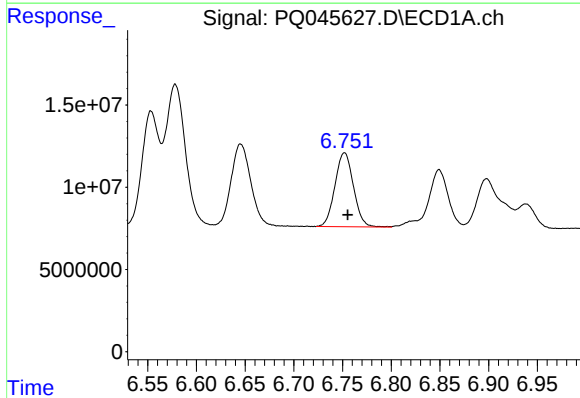
R.T.: 6.645 min
Delta R.T.: -0.003 min
Response: 69073153
Conc: 360.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



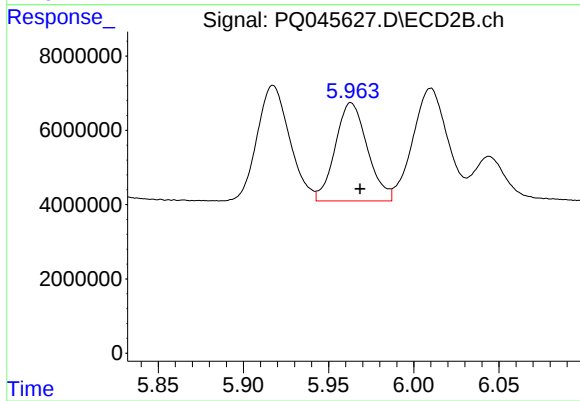
#5 AR-1016-3

R.T.: 5.917 min
Delta R.T.: -0.004 min
Response: 41229956
Conc: 353.44 ng/ml



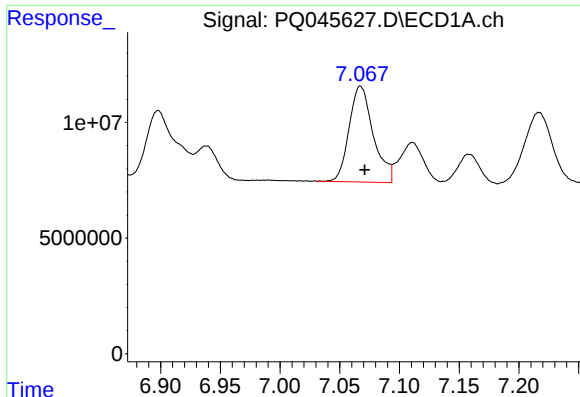
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 59593196
Conc: 372.59 ng/ml



#6 AR-1016-4

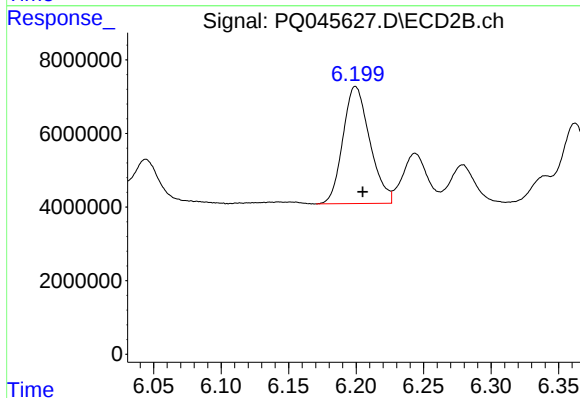
R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 34780299
Conc: 347.95 ng/ml



#7 AR-1016-5

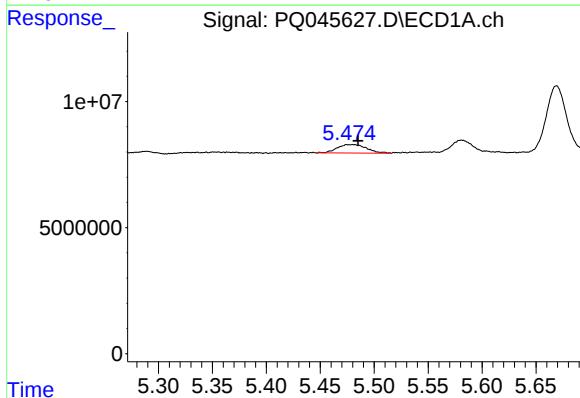
R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 58561382
Conc: 341.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



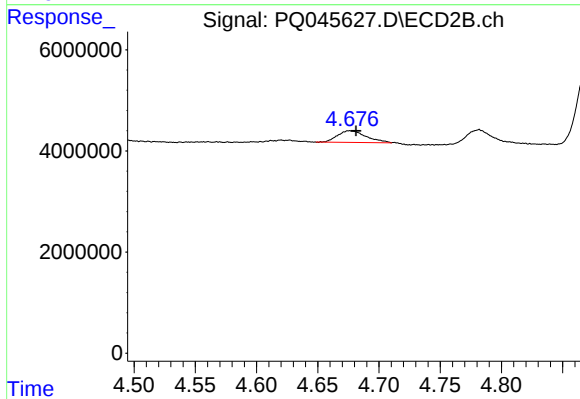
#7 AR-1016-5

R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 44156755
Conc: 341.89 ng/ml



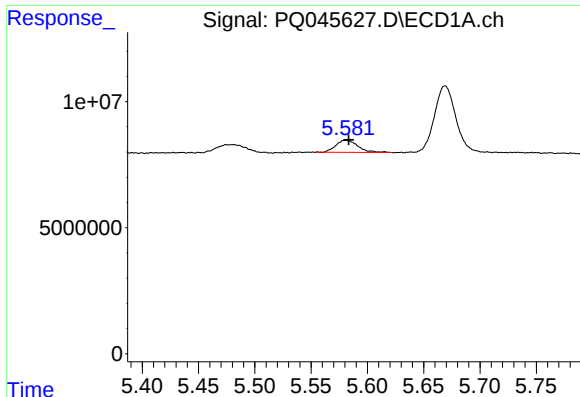
#8 AR-1221-1

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 6313264
Conc: 103.82 ng/ml



#8 AR-1221-1

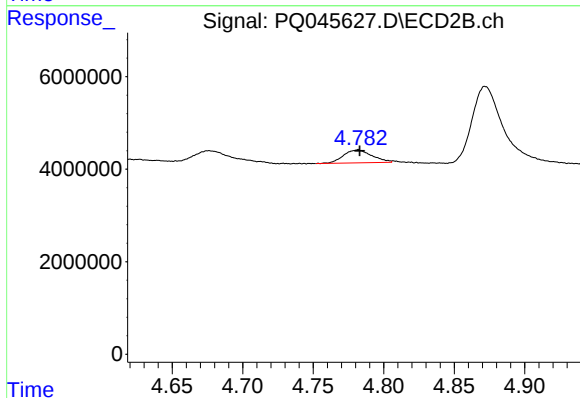
R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 3744978
Conc: 73.44 ng/ml



#9 AR-1221-2

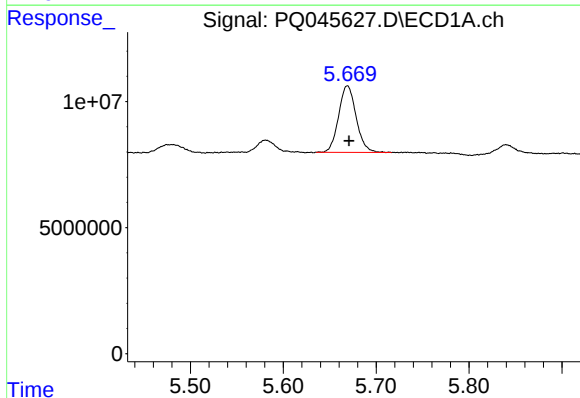
R.T.: 5.581 min
Delta R.T.: -0.002 min
Response: 6506228
Conc: 147.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



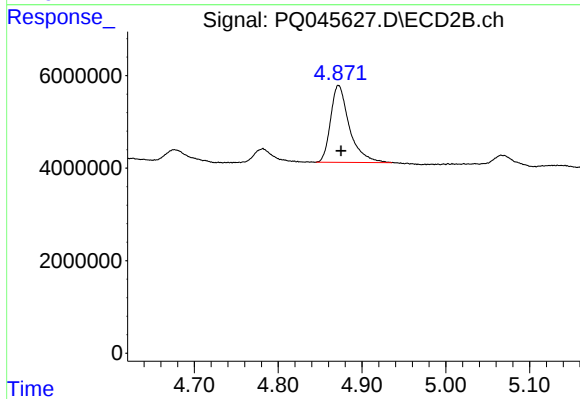
#9 AR-1221-2

R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 3917499
Conc: 113.34 ng/ml



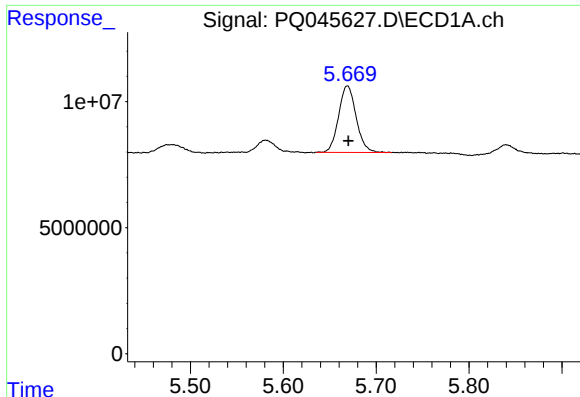
#10 AR-1221-3

R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 34657518
Conc: 219.06 ng/ml



#10 AR-1221-3

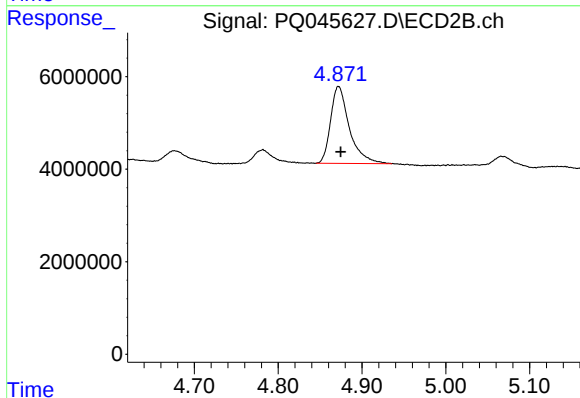
R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 25889275
Conc: 206.79 ng/ml



#11 AR-1232-1

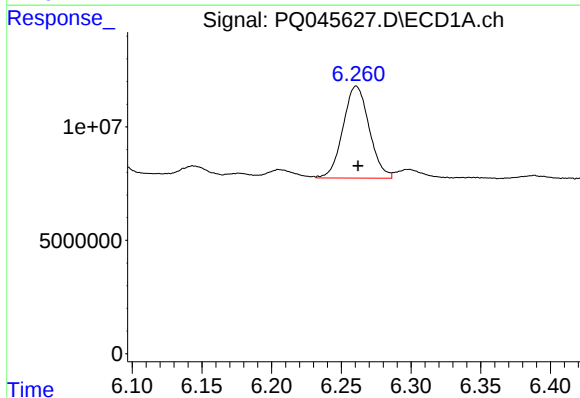
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 34657518
Conc: 289.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



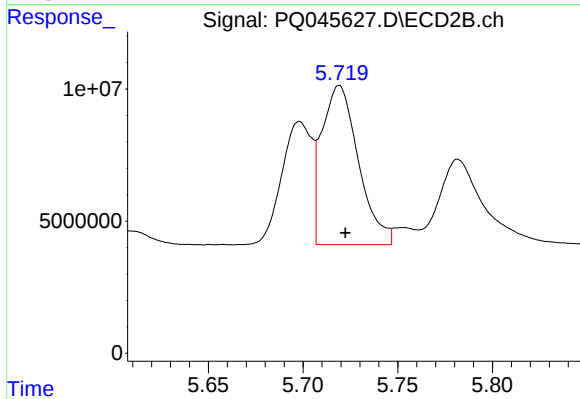
#11 AR-1232-1

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 25889275
Conc: 270.16 ng/ml



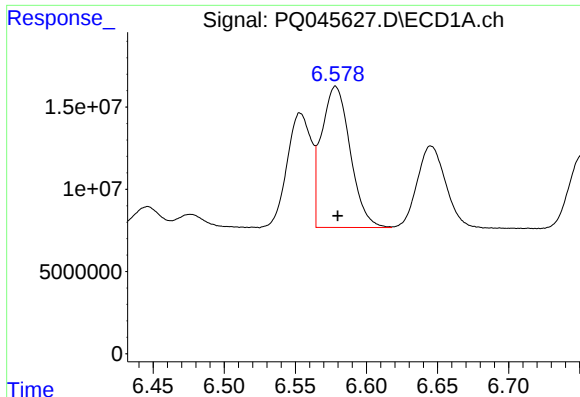
#12 AR-1232-2

R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 53006032
Conc: 827.09 ng/ml



#12 AR-1232-2

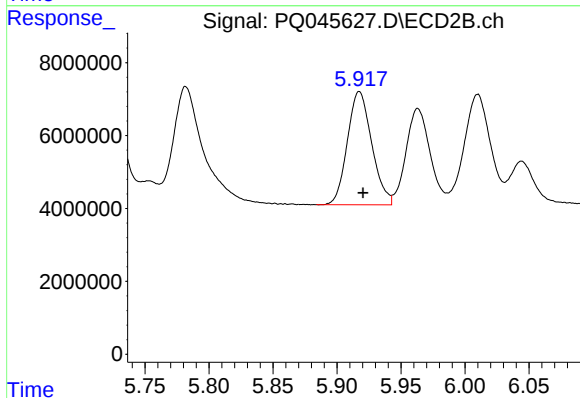
R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 81093116
Conc: 740.36 ng/ml



#13 AR-1232-3

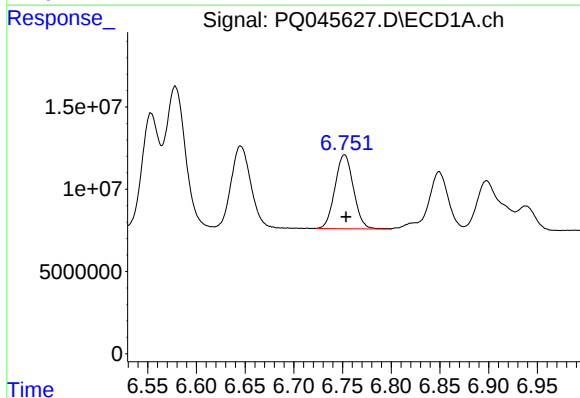
R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 120205917
Conc: 798.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



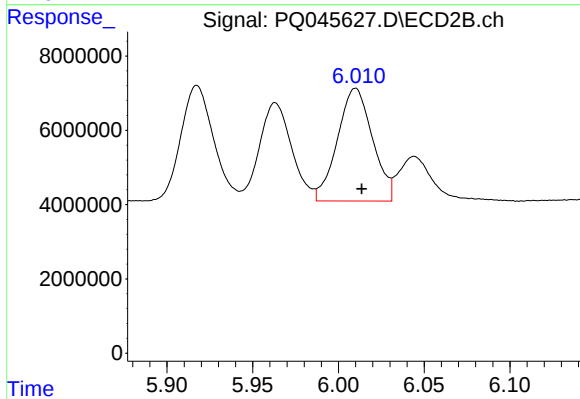
#13 AR-1232-3

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 41229956
Conc: 784.72 ng/ml



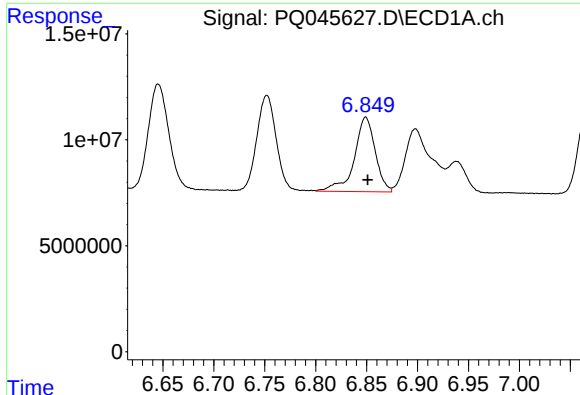
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 59593196
Conc: 825.17 ng/ml



#14 AR-1232-4

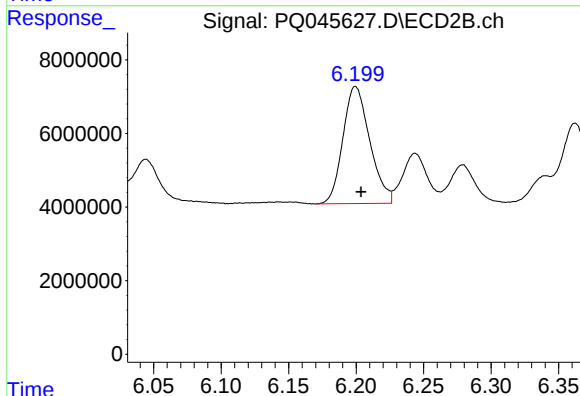
R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 43275092
Conc: 850.15 ng/ml



#15 AR-1232-5

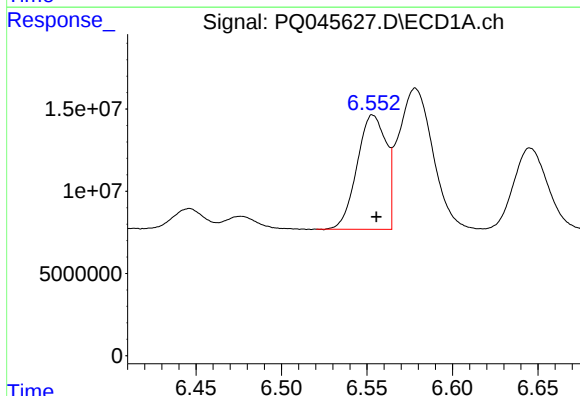
R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 50521546
Conc: 915.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



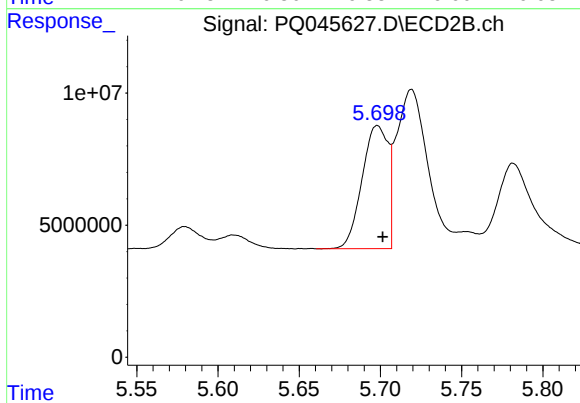
#15 AR-1232-5

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 44156755
Conc: 851.91 ng/ml



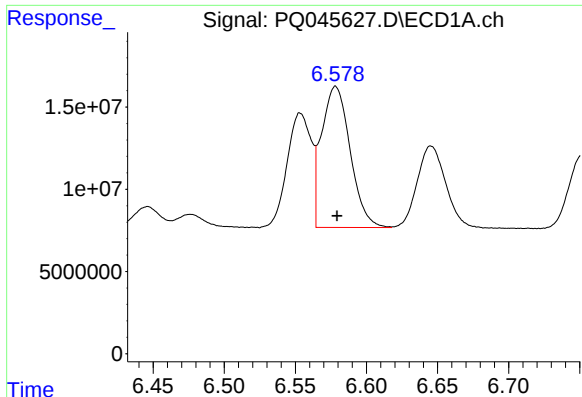
#16 AR-1242-1

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 82325789
Conc: 401.61 ng/ml



#16 AR-1242-1

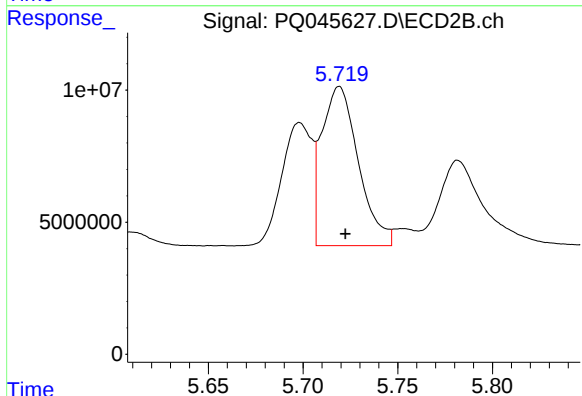
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 51925995
Conc: 383.39 ng/ml



#17 AR-1242-2

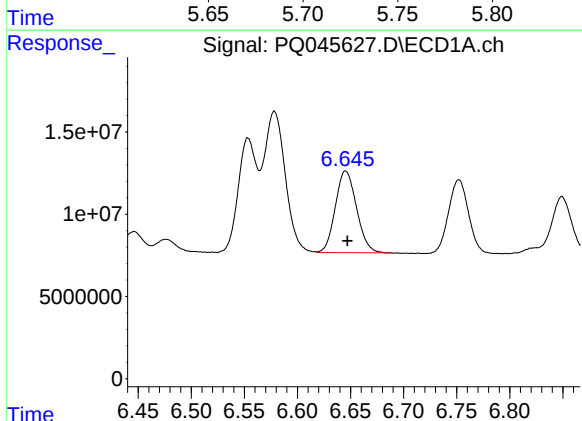
R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 120205917
Conc: 390.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



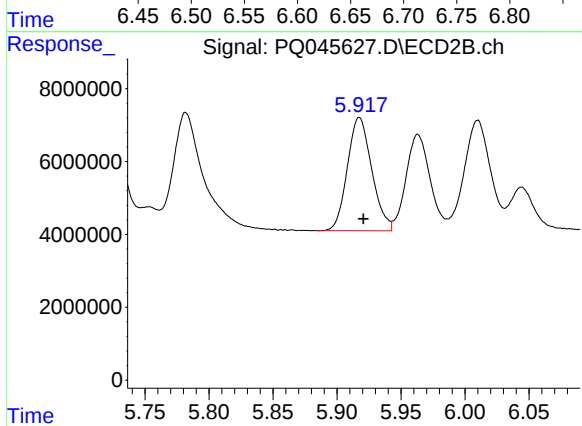
#17 AR-1242-2

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 81093116
Conc: 366.91 ng/ml



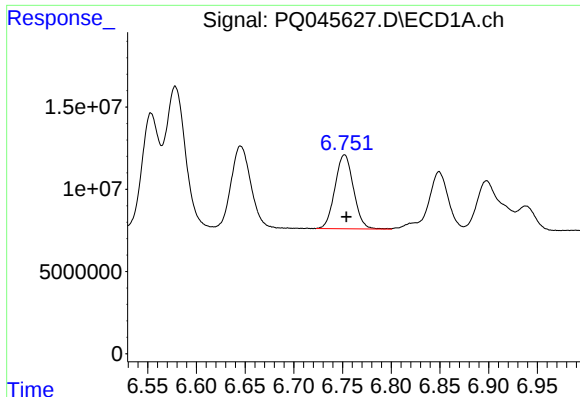
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: -0.002 min
Response: 69073153
Conc: 385.32 ng/ml



#18 AR-1242-3

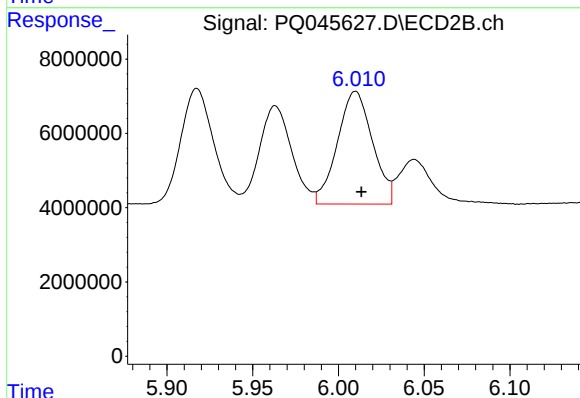
R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 41229956
Conc: 375.20 ng/ml



#19 AR-1242-4

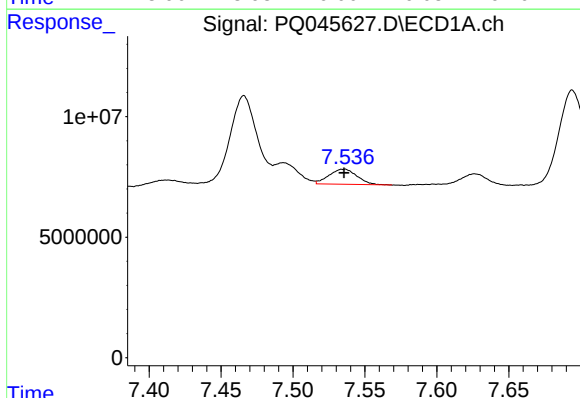
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 59593196
Conc: 398.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



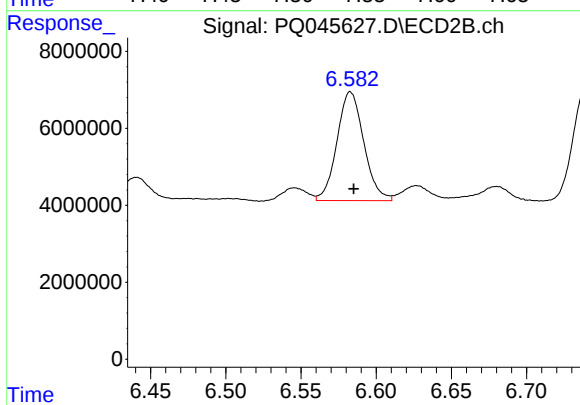
#19 AR-1242-4

R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 43275092
Conc: 374.39 ng/ml



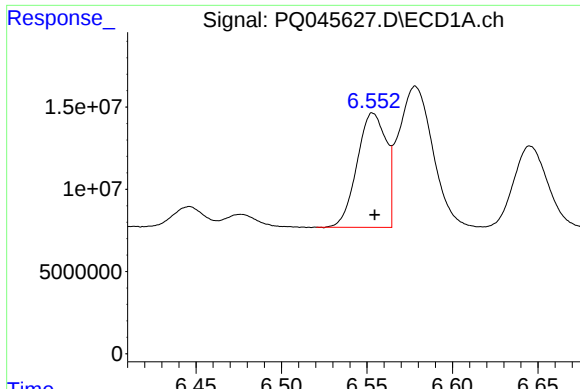
#20 AR-1242-5

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 8447595
Conc: 46.47 ng/ml



#20 AR-1242-5

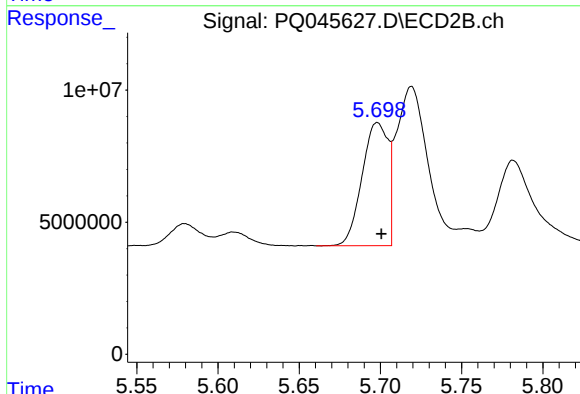
R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 35153242
Conc: 250.89 ng/ml



#21 AR-1248-1

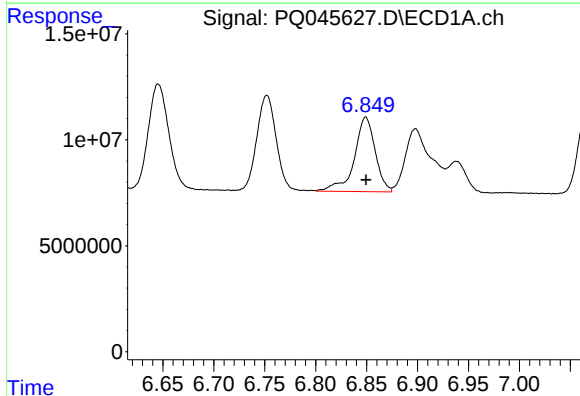
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 82325789
Conc: 504.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



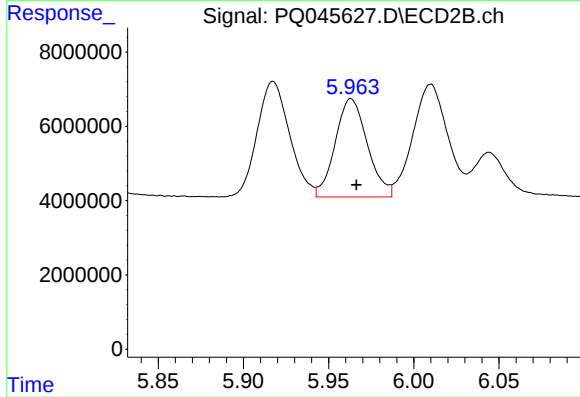
#21 AR-1248-1

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 51925995
Conc: 481.84 ng/ml



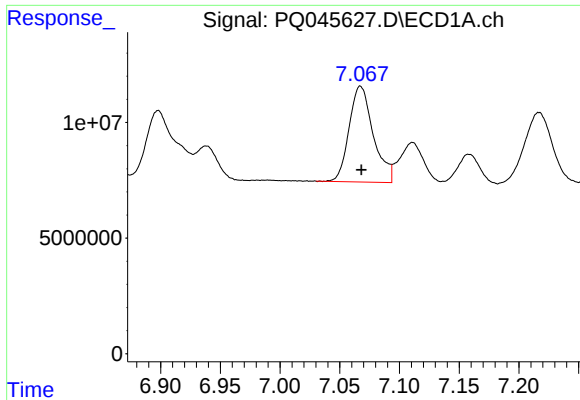
#22 AR-1248-2

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 50521546
Conc: 221.06 ng/ml



#22 AR-1248-2

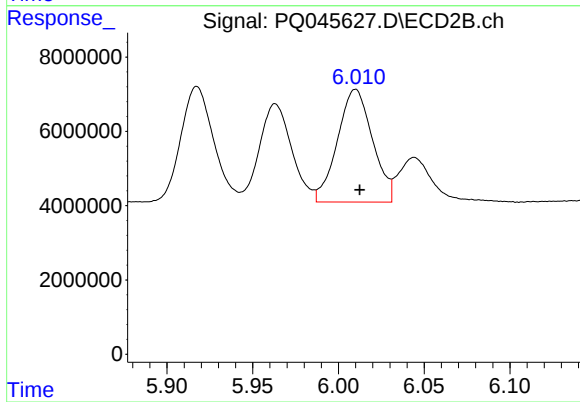
R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 34780299
Conc: 209.59 ng/ml



#23 AR-1248-3

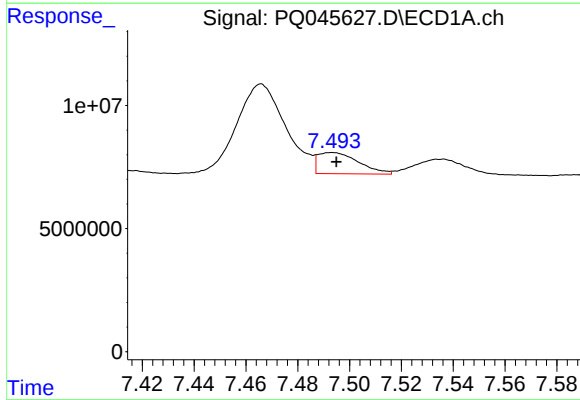
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 58561382
Conc: 222.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



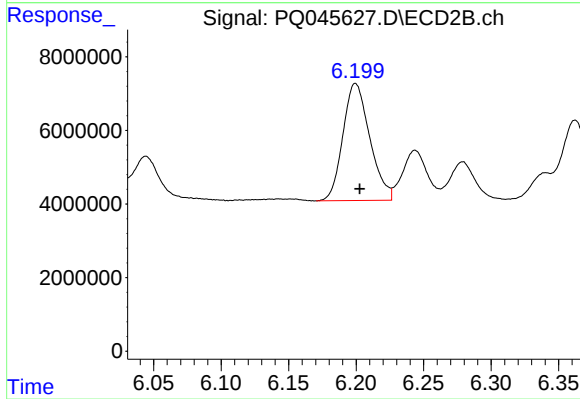
#23 AR-1248-3

R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 43275092
Conc: 249.52 ng/ml



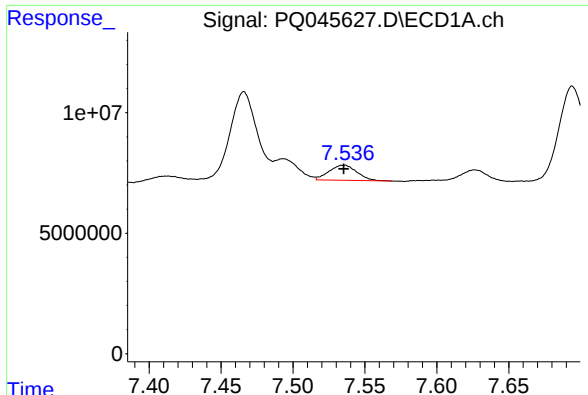
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: -0.002 min
Response: 9425353
Conc: 28.93 ng/ml



#24 AR-1248-4

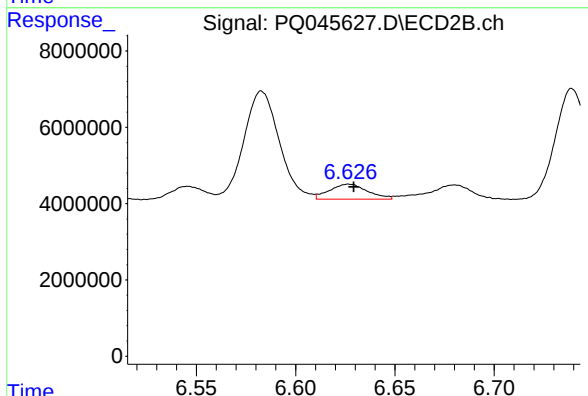
R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 44156755
Conc: 216.39 ng/ml



#25 AR-1248-5

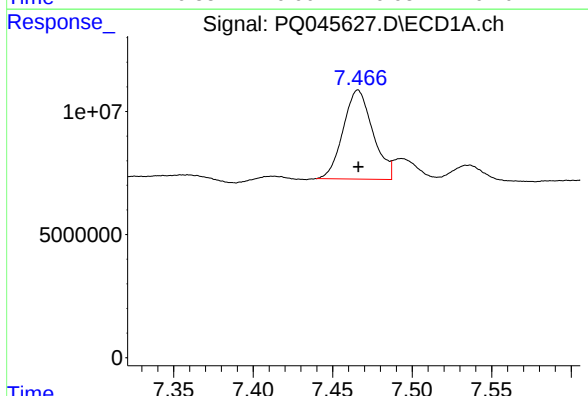
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 8447595
Conc: 27.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



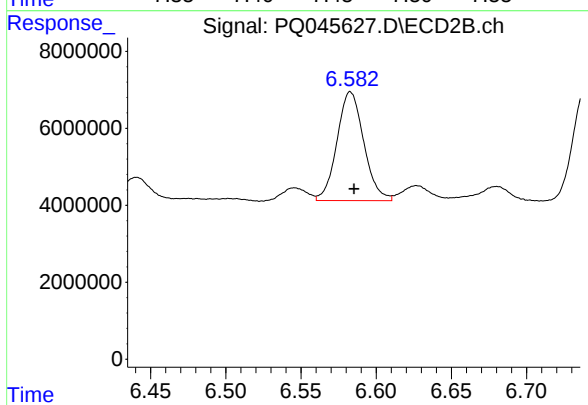
#25 AR-1248-5

R.T.: 6.627 min
Delta R.T.: -0.002 min
Response: 5251985
Conc: 27.58 ng/ml



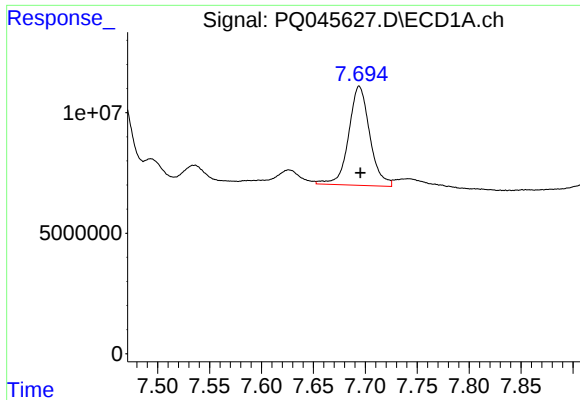
#26 AR-1254-1

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 46999718
Conc: 163.80 ng/ml



#26 AR-1254-1

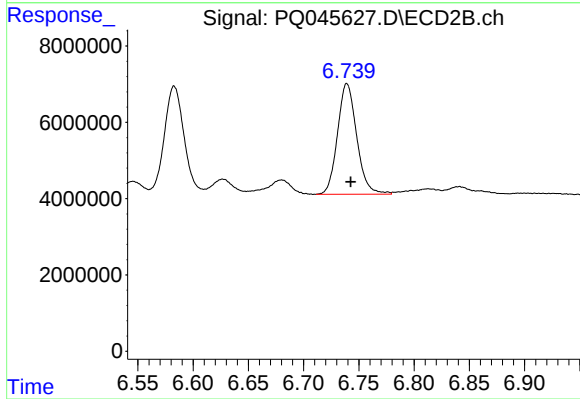
R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 35153242
Conc: 113.57 ng/ml



#27 AR-1254-2

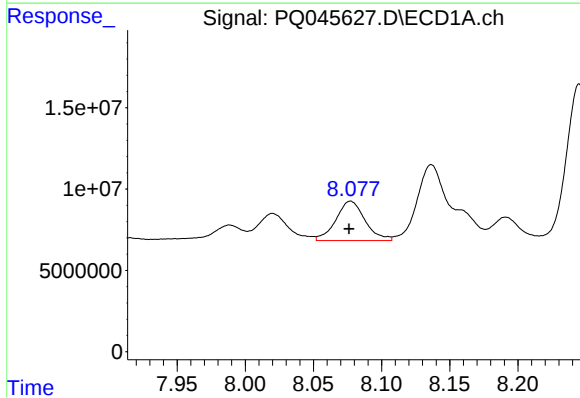
R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 58132958
Conc: 123.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



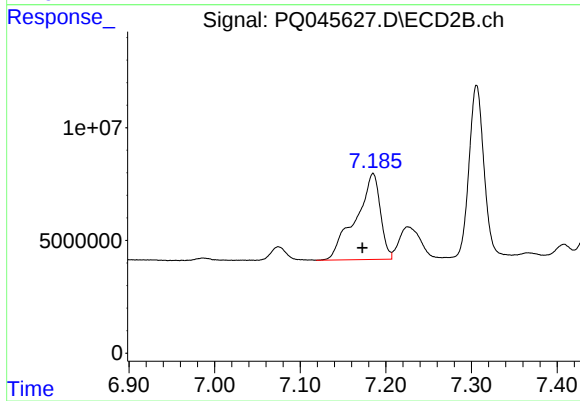
#27 AR-1254-2

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 35159270
Conc: 125.33 ng/ml



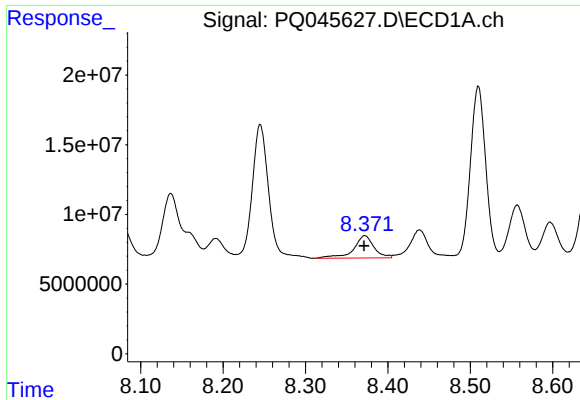
#28 AR-1254-3

R.T.: 8.077 min
Delta R.T.: 0.001 min
Response: 36111916
Conc: 68.03 ng/ml



#28 AR-1254-3

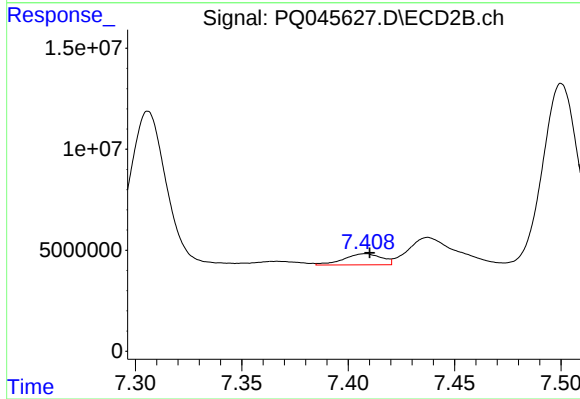
R.T.: 7.185 min
Delta R.T.: 0.012 min
Response: 76393819
Conc: 164.54 ng/ml



#29 AR-1254-4

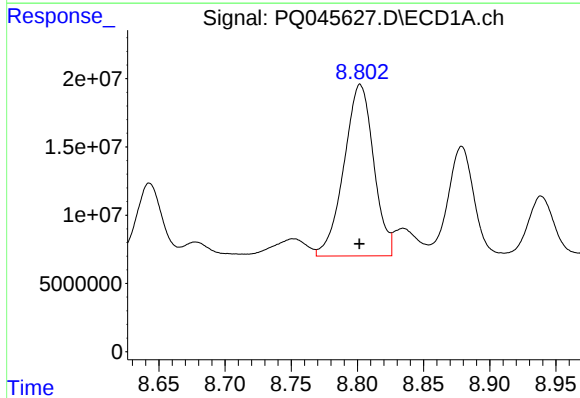
R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 27635773
Conc: 63.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



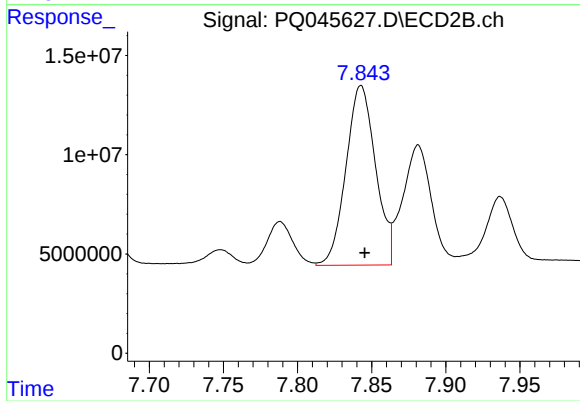
#29 AR-1254-4

R.T.: 7.408 min
Delta R.T.: -0.002 min
Response: 6833917
Conc: 25.26 ng/ml



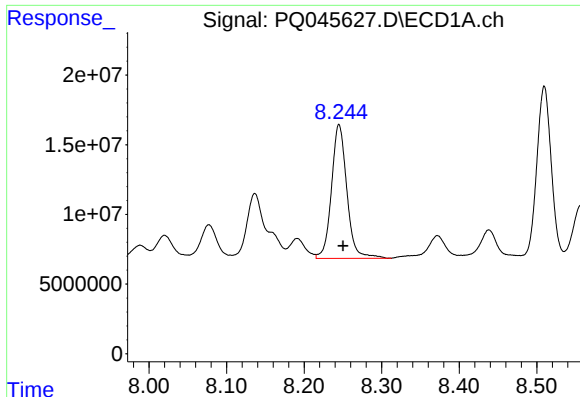
#30 AR-1254-5

R.T.: 8.802 min
Delta R.T.: 0.000 min
Response: 196369994
Conc: 408.75 ng/ml



#30 AR-1254-5

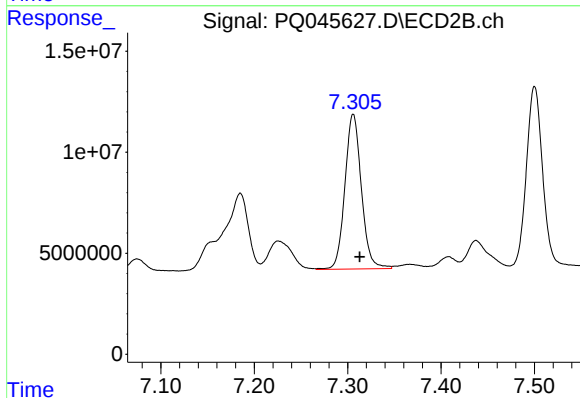
R.T.: 7.843 min
Delta R.T.: -0.003 min
Response: 125790371
Conc: 311.17 ng/ml



#31 AR-1260-1

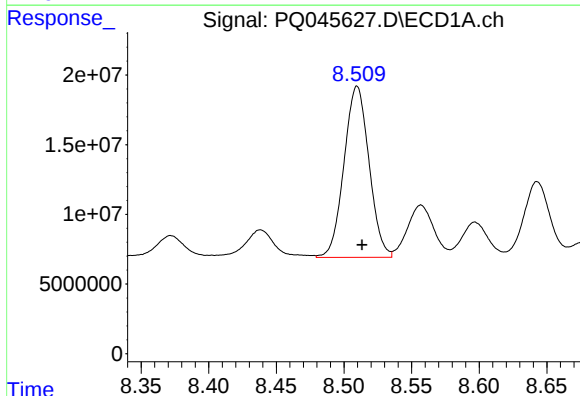
R.T.: 8.245 min
Delta R.T.: -0.005 min
Response: 132324126
Conc: 361.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



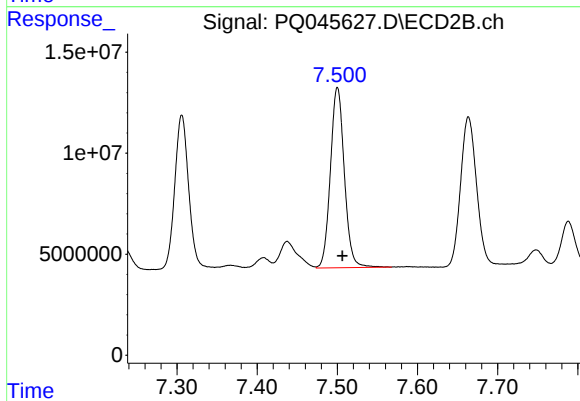
#31 AR-1260-1

R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 93879739
Conc: 341.98 ng/ml



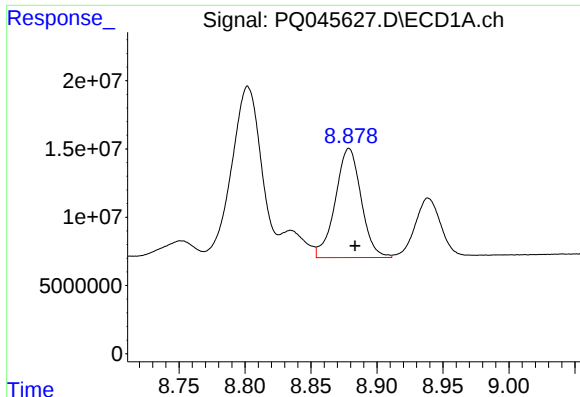
#32 AR-1260-2

R.T.: 8.510 min
Delta R.T.: -0.004 min
Response: 158244222
Conc: 334.61 ng/ml



#32 AR-1260-2

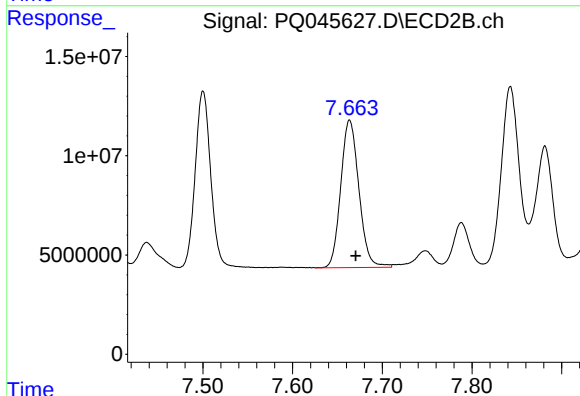
R.T.: 7.500 min
Delta R.T.: -0.006 min
Response: 108044823
Conc: 336.21 ng/ml



#33 AR-1260-3

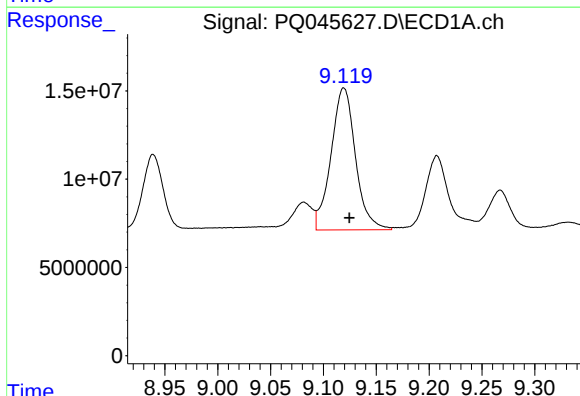
R.T.: 8.879 min
Delta R.T.: -0.005 min
Response: 108958474
Conc: 267.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



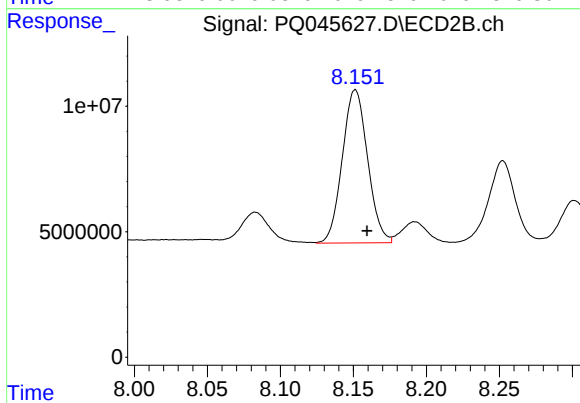
#33 AR-1260-3

R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 104430363
Conc: 341.42 ng/ml



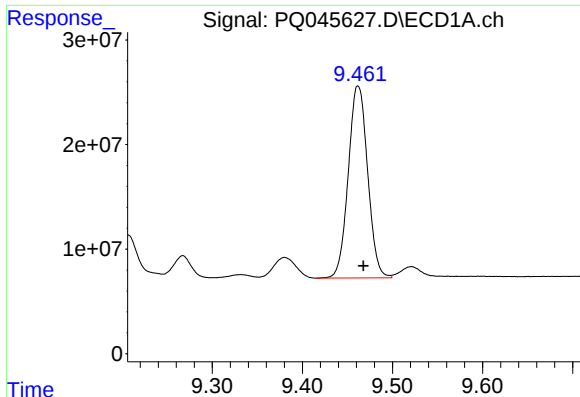
#34 AR-1260-4

R.T.: 9.119 min
Delta R.T.: -0.005 min
Response: 129728002
Conc: 280.92 ng/ml



#34 AR-1260-4

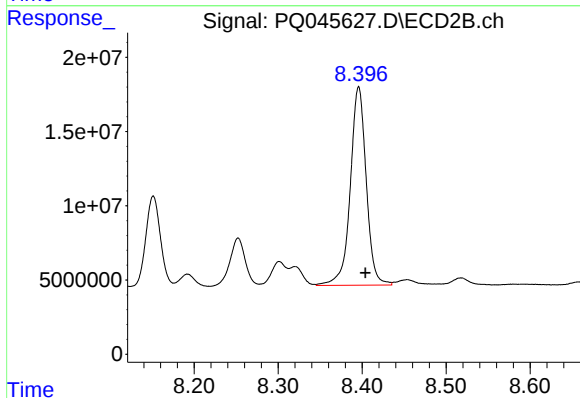
R.T.: 8.151 min
Delta R.T.: -0.008 min
Response: 73695276
Conc: 275.32 ng/ml



#35 AR-1260-5

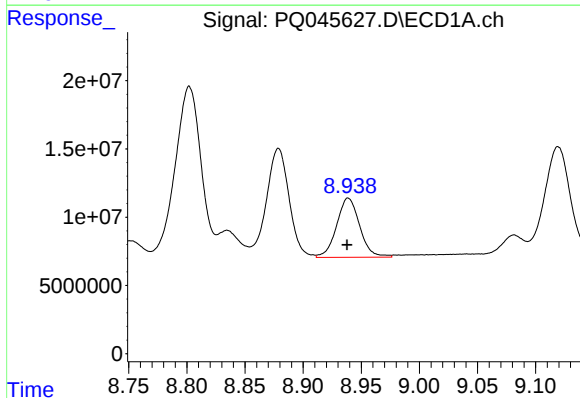
R.T.: 9.462 min
Delta R.T.: -0.006 min
Response: 274567852
Conc: 248.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



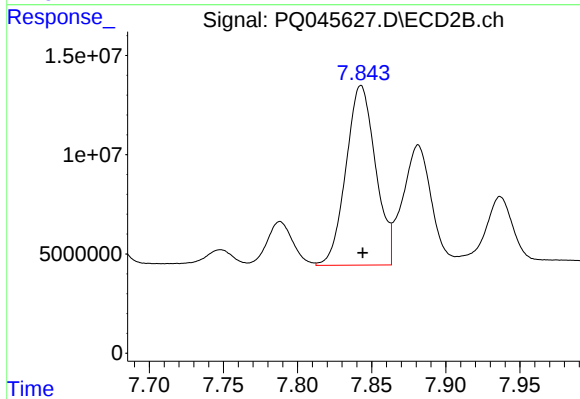
#35 AR-1260-5

R.T.: 8.396 min
Delta R.T.: -0.008 min
Response: 176340357
Conc: 256.96 ng/ml



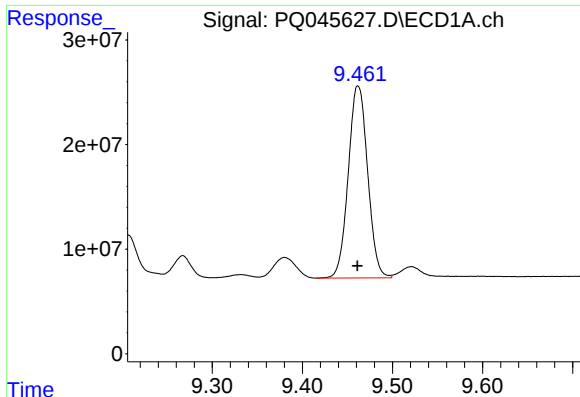
#36 AR-1262-1

R.T.: 8.939 min
Delta R.T.: 0.000 min
Response: 59945697
Conc: 208.62 ng/ml



#36 AR-1262-1

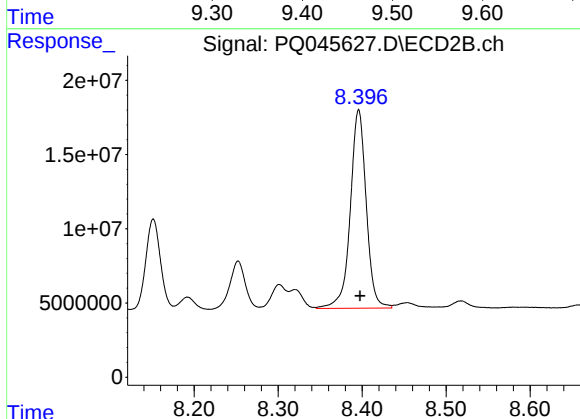
R.T.: 7.843 min
Delta R.T.: -0.001 min
Response: 125790371
Conc: 484.54 ng/ml



#37 AR-1262-2

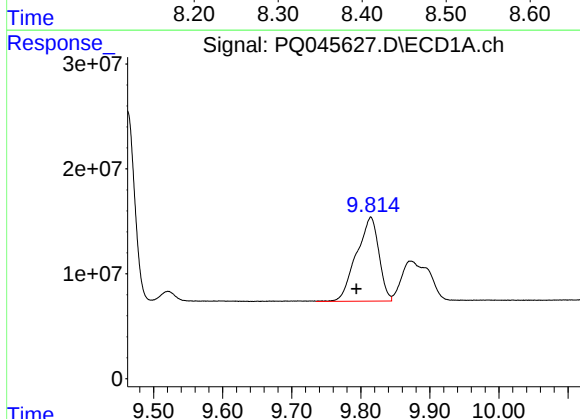
R.T.: 9.462 min
Delta R.T.: 0.000 min
Response: 274567852
Conc: 171.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



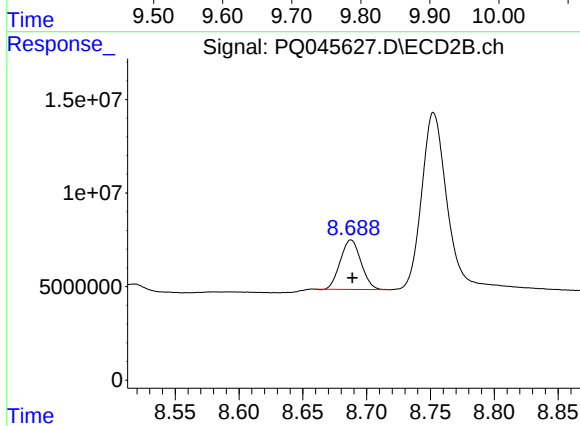
#37 AR-1262-2

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 176340357
Conc: 177.17 ng/ml



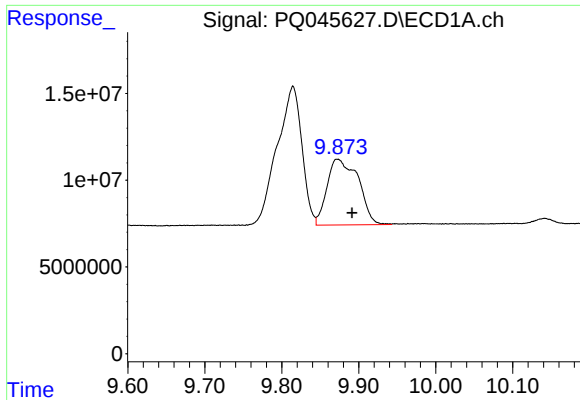
#38 AR-1262-3

R.T.: 9.815 min
Delta R.T.: 0.021 min
Response: 180883500
Conc: 171.79 ng/ml



#38 AR-1262-3

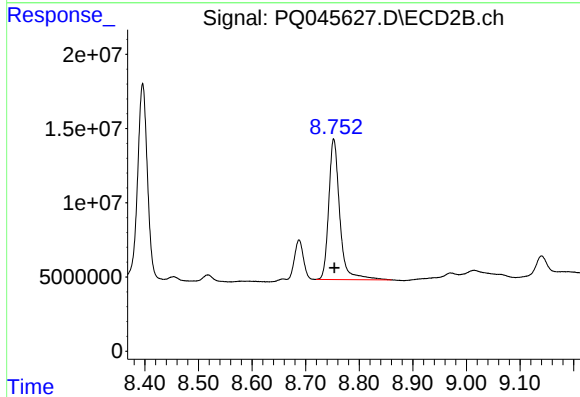
R.T.: 8.688 min
Delta R.T.: -0.001 min
Response: 29839893
Conc: 75.86 ng/ml



#39 AR-1262-4

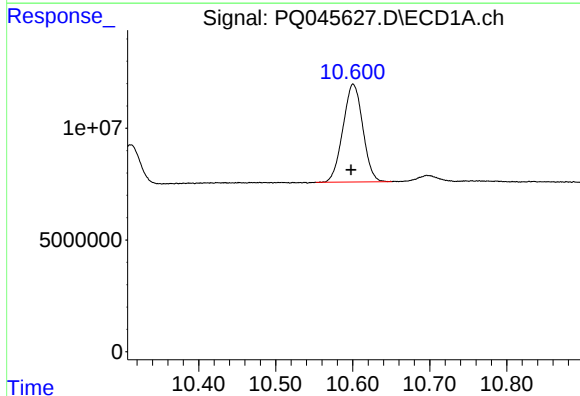
R.T.: 9.872 min
Delta R.T.: -0.019 min
Response: 107005566
Conc: 122.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



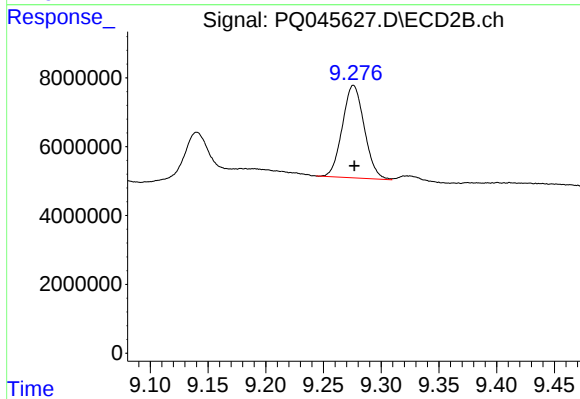
#39 AR-1262-4

R.T.: 8.752 min
Delta R.T.: -0.001 min
Response: 135345591
Conc: 168.56 ng/ml



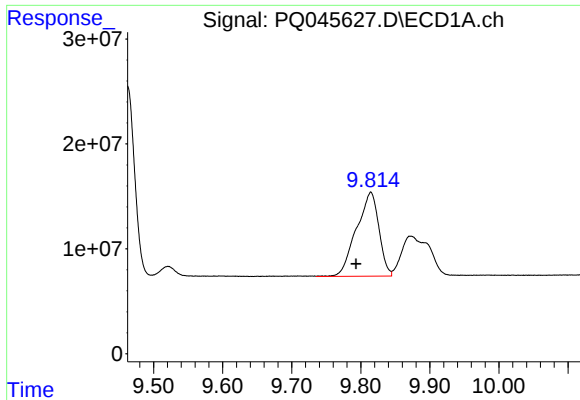
#40 AR-1262-5

R.T.: 10.601 min
Delta R.T.: 0.003 min
Response: 78251598
Conc: 114.37 ng/ml



#40 AR-1262-5

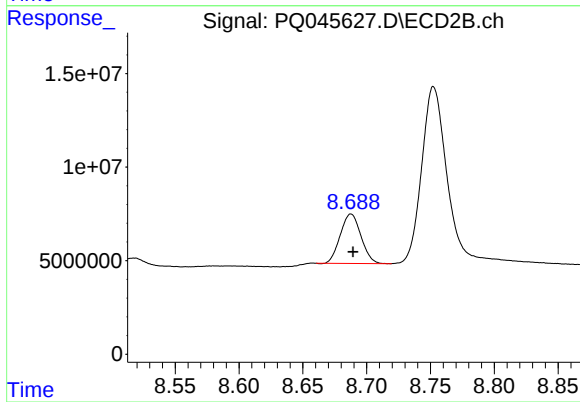
R.T.: 9.276 min
Delta R.T.: 0.000 min
Response: 35527114
Conc: 108.15 ng/ml



#41 AR-1268-1

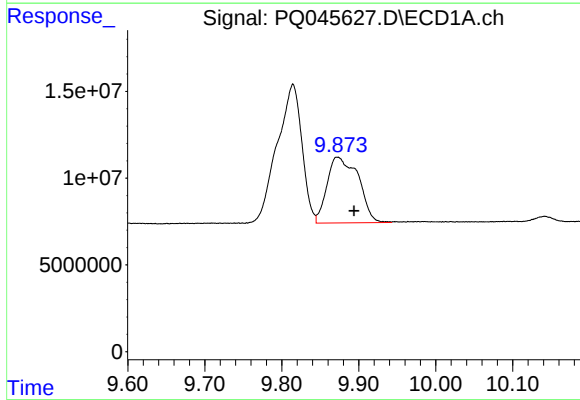
R.T.: 9.815 min
Delta R.T.: 0.021 min
Response: 180883500
Conc: 112.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



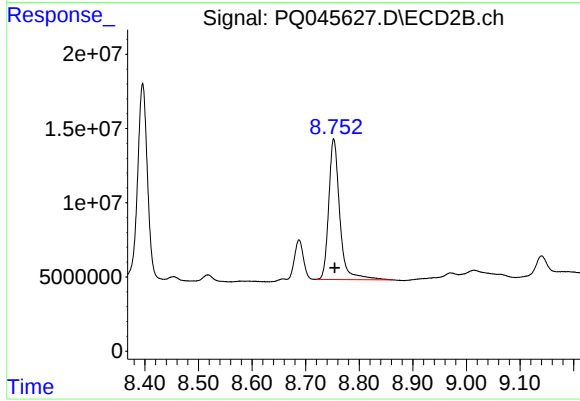
#41 AR-1268-1

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 29839893
Conc: 30.49 ng/ml



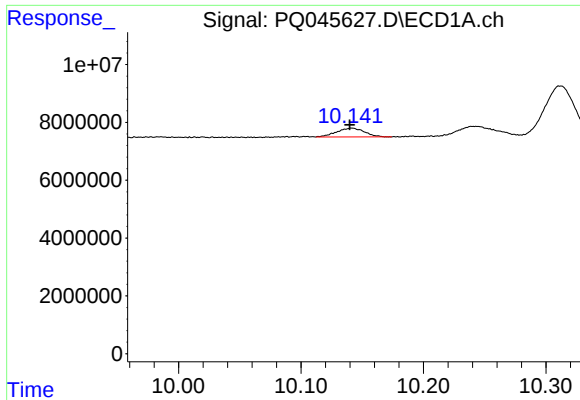
#42 AR-1268-2

R.T.: 9.872 min
Delta R.T.: -0.022 min
Response: 107005566
Conc: 64.85 ng/ml



#42 AR-1268-2

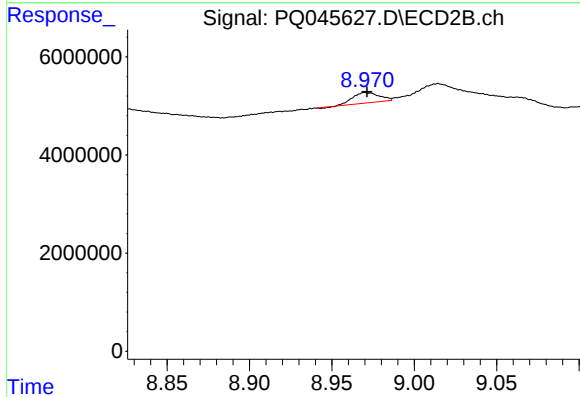
R.T.: 8.752 min
Delta R.T.: -0.002 min
Response: 135345591
Conc: 136.66 ng/ml



#43 AR-1268-3

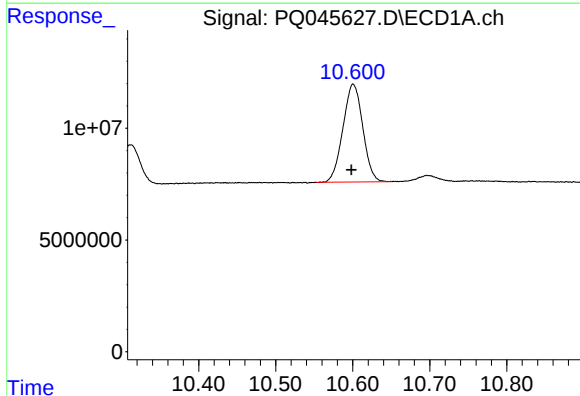
R.T.: 10.142 min
Delta R.T.: 0.002 min
Response: 4829441
Conc: 3.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



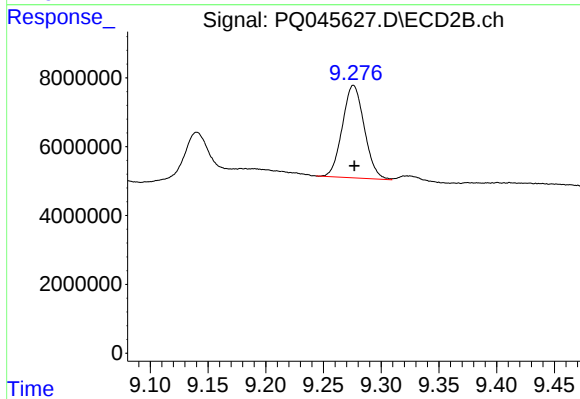
#43 AR-1268-3

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 2327078
Conc: 2.94 ng/ml



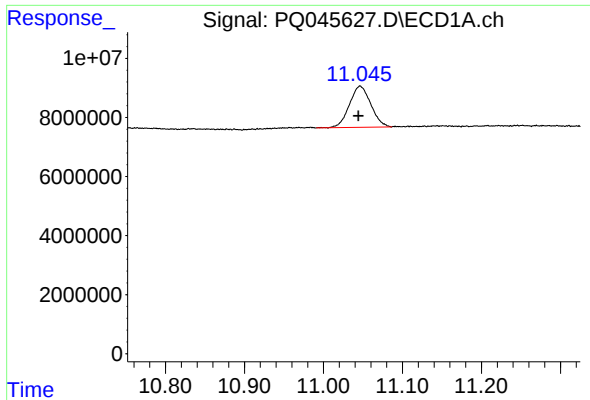
#44 AR-1268-4

R.T.: 10.601 min
Delta R.T.: 0.002 min
Response: 78251598
Conc: 118.46 ng/ml



#44 AR-1268-4

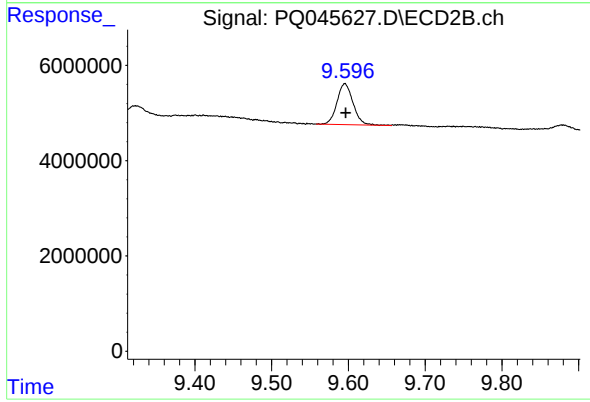
R.T.: 9.276 min
Delta R.T.: 0.000 min
Response: 35527114
Conc: 108.72 ng/ml



#45 AR-1268-5

R.T.: 11.046 min
Delta R.T.: 0.002 min
Response: 26334532
Conc: 4.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.595 min
Delta R.T.: -0.001 min
Response: 12456657
Conc: 4.66 ng/ml