

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021921\
 Data File : PQ052369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 10:13
 Operator : DD\AJ
 Sample : PB134725BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:44:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.228	4.245	461.3E6	159.0E6	18.783	18.955
2)	SA Decachlor...	11.419	9.590	845.9E6	325.8E6	41.272	42.241
Target Compounds							
3)	L1 AR-1016-1	6.552	5.505	81463682	30730970	101.387	99.768
4)	L1 AR-1016-2	6.576	5.526	120.0E6	42985915	101.669	100.255
5)	L1 AR-1016-3	6.644	5.718	71856050	22071405	100.678	100.757
6)	L1 AR-1016-4	6.752	5.769	58250461	17229624	96.760	102.886
7)	L1 AR-1016-5	7.065	5.999	56139828	21647791	99.778	101.368
8)	L2 AR-1221-1	5.473	4.501	8275839	4829887	32.449	53.436 #
9)	L2 AR-1221-2	5.580	4.603	16255656	4241262	92.418	67.027 #
10)	L2 AR-1221-3	5.666	4.692	45800608	13410637	77.787	62.192
11)	L3 AR-1232-1	5.666	4.692	45800608	13410637	93.202	74.160
12)	L3 AR-1232-2	6.258	5.526	60125251	42985915	233.613	217.725
13)	L3 AR-1232-3	6.576	5.718	120.0E6	22071405	228.157	224.375
14)	L3 AR-1232-4	6.752	5.814	58250461	20641996	222.207	249.386
15)	L3 AR-1232-5	6.846	5.999	49416761	21647791	267.492	243.320
16)	L4 AR-1242-1	6.552	5.505	81463682	30730970	118.538	116.658
17)	L4 AR-1242-2	6.576	5.526	120.0E6	42985915	118.886	116.994
18)	L4 AR-1242-3	6.644	5.718	71856050	22071405	118.325	115.771
19)	L4 AR-1242-4	6.752	5.814	58250461	20641996	114.553	116.879
20)	L4 AR-1242-5	7.534	6.378	11972073	20148629	21.221	80.365 #
21)	L5 AR-1248-1	6.552	5.505	81463682	30730970	148.740	149.442
22)	L5 AR-1248-2	6.846	5.769	49416761	17229624	64.292	63.747
23)	L5 AR-1248-3	7.065	5.814	56139828	20641996	63.584	74.026
24)	L5 AR-1248-4	7.492	5.999	11130189	21647791	10.705	65.058 #
25)	L5 AR-1248-5	7.534	6.421	11972073	3442511	11.687	9.628
26)	L6 AR-1254-1	7.463	6.378	47104648	20148629	47.417	37.782
27)	L6 AR-1254-2	7.689	6.537	51234559	17329295	33.148	37.951
28)	L6 AR-1254-3	8.075	6.976	31371523	32602532	18.561	43.354 #
29)	L6 AR-1254-4	8.368	7.196	19394306	3595363	15.462	7.126 #
30)	L6 AR-1254-5	8.796	7.626	160.4E6	67055506	119.353	98.589
31)	L7 AR-1260-1	8.240	7.095	110.0E6	46821335	110.070	114.317
32)	L7 AR-1260-2	8.503	7.290	133.3E6	62618195	108.550	117.935
33)	L7 AR-1260-3	8.869	7.447	83322616	53690998	91.113	112.344
34)	L7 AR-1260-4	9.114	7.930	107.5E6	38396978	99.772	94.797
35)	L7 AR-1260-5	9.458	8.175	199.1E6	104.0E6	87.746	96.623
36)	L8 AR-1262-1	8.869	7.626	83322616	67055506	52.922	194.187 #
37)	L8 AR-1262-2	9.458	8.175	199.1E6	104.0E6	66.455	77.574
38)	L8 AR-1262-3	9.817	8.463	128.9E6	18936083	64.771	36.216 #
39)	L8 AR-1262-4	9.872	8.526	71549706	68736971	47.019	70.345 #
40)	L8 AR-1262-5	10.606	9.029	52299102	21419056	48.064	47.260
41)	L9 AR-1268-1	9.817	8.463	128.9E6	18936083	36.679	11.757 #

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 Acq On : 19 Feb 2021 10:13
 Operator : DD\AJ
 Sample : PB134725BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

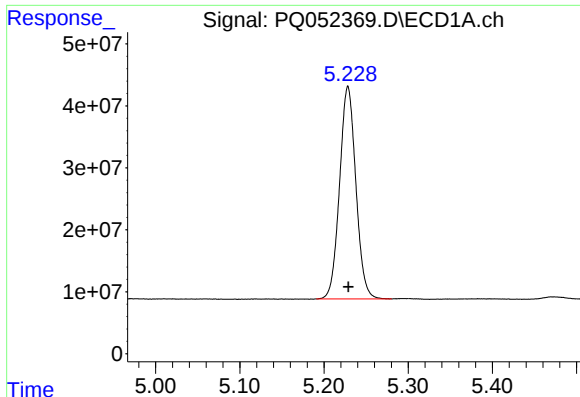
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:44:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.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	8.526	71549706	68736971	21.787	46.110 #
43) L9	AR-1268-3	10.138	8.738	7776165	2326817	2.795	1.856 #
44) L9	AR-1268-4	10.606	9.029	52299102	21419056	42.886	40.976
45) L9	AR-1268-5	11.054	9.330	23626018	8854026	2.418	2.203

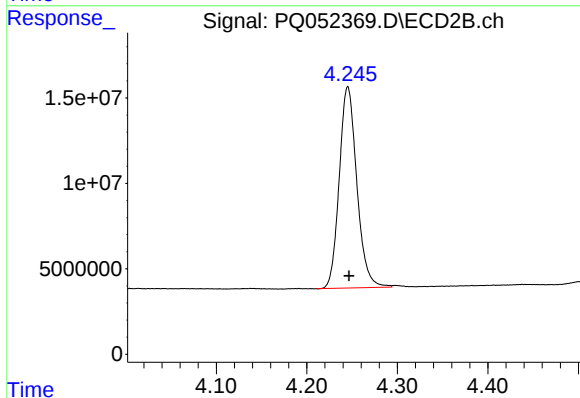
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

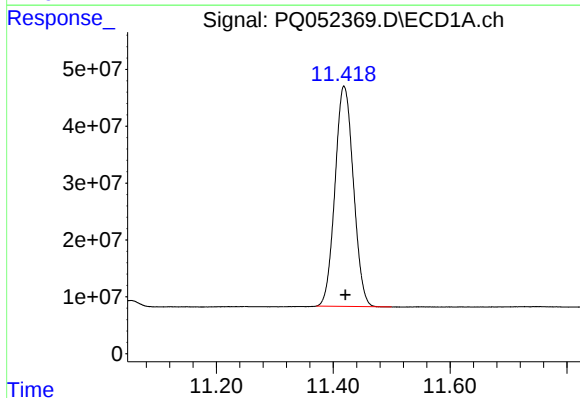
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 461297340
Conc: 18.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



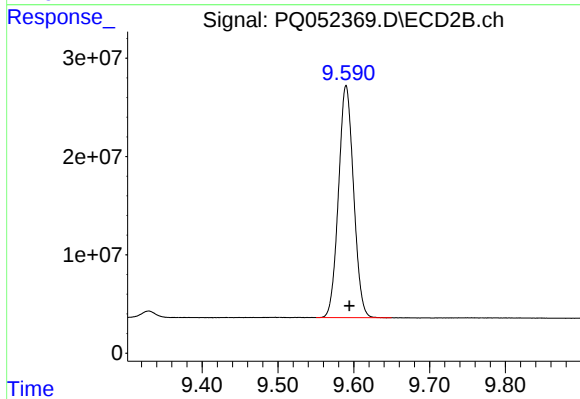
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.001 min
Response: 159000845
Conc: 18.95 ng/ml



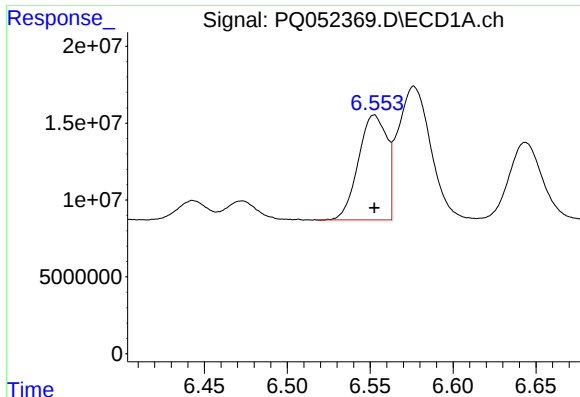
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.002 min
Response: 845868606
Conc: 41.27 ng/ml



#2 Decachlorobiphenyl

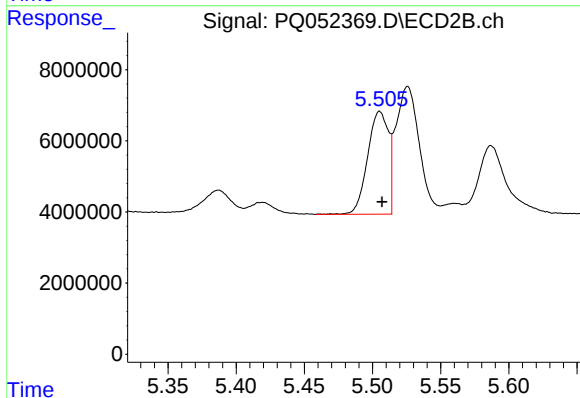
R.T.: 9.590 min
Delta R.T.: -0.005 min
Response: 325798261
Conc: 42.24 ng/ml



#3 AR-1016-1

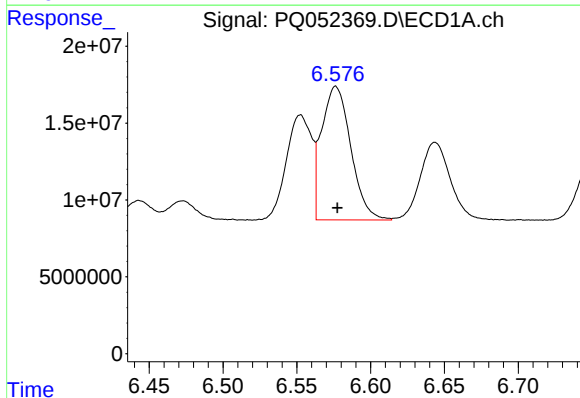
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 81463682
Conc: 101.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



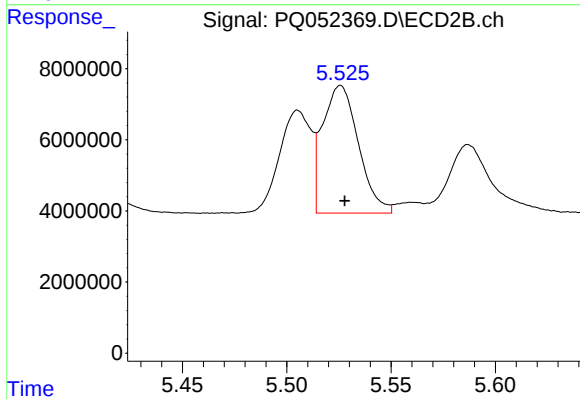
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 30730970
Conc: 99.77 ng/ml



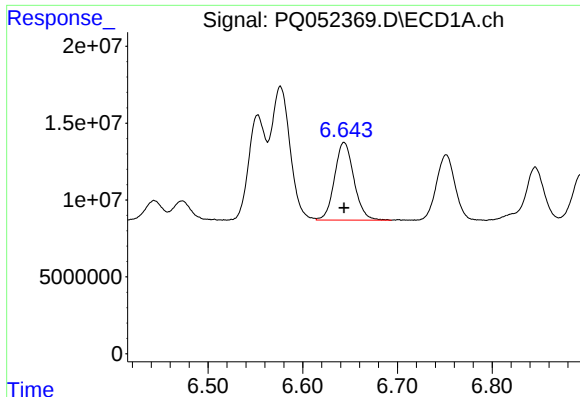
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 120027820
Conc: 101.67 ng/ml



#4 AR-1016-2

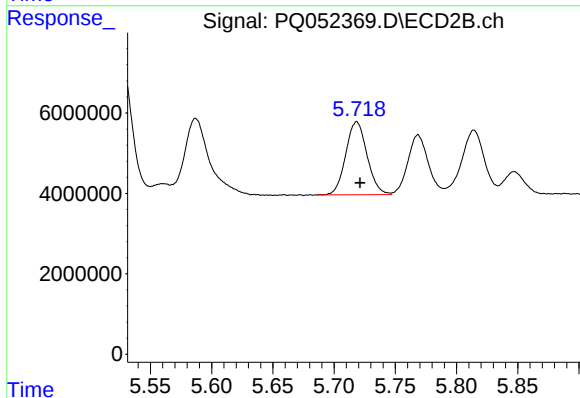
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 42985915
Conc: 100.25 ng/ml



#5 AR-1016-3

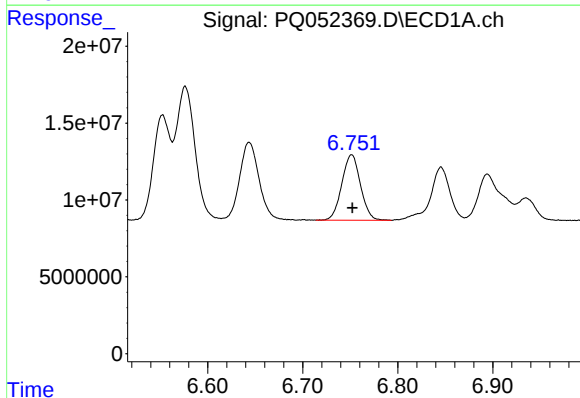
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 71856050
Conc: 100.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



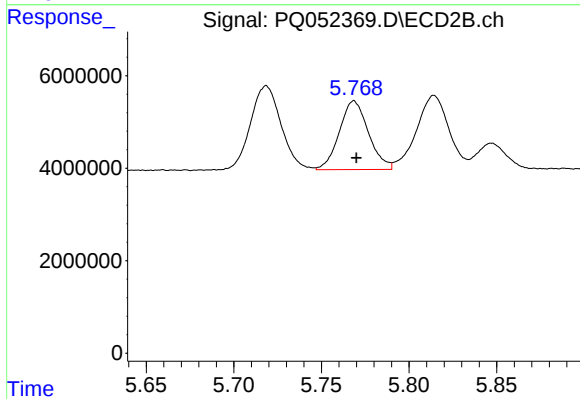
#5 AR-1016-3

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 22071405
Conc: 100.76 ng/ml



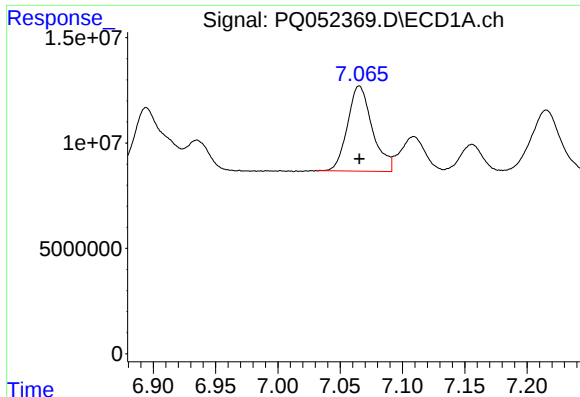
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 58250461
Conc: 96.76 ng/ml



#6 AR-1016-4

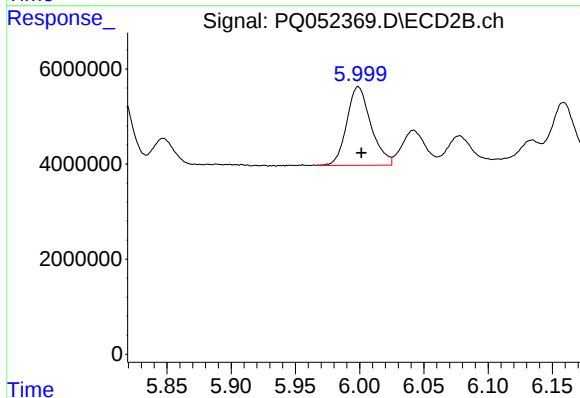
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 17229624
Conc: 102.89 ng/ml



#7 AR-1016-5

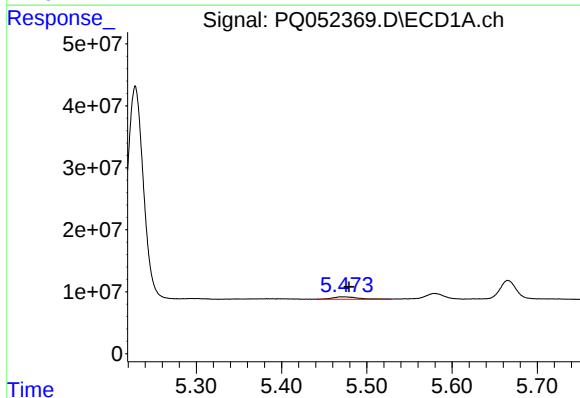
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 56139828
Conc: 99.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



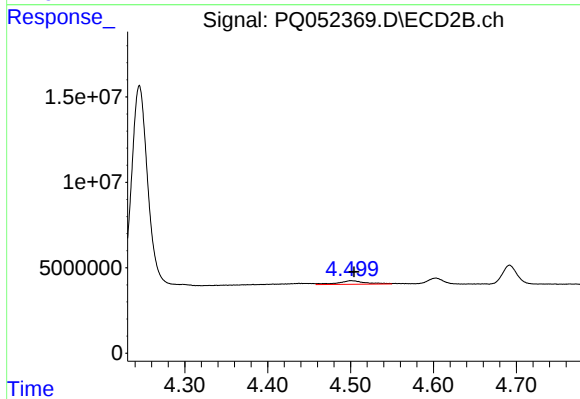
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 21647791
Conc: 101.37 ng/ml



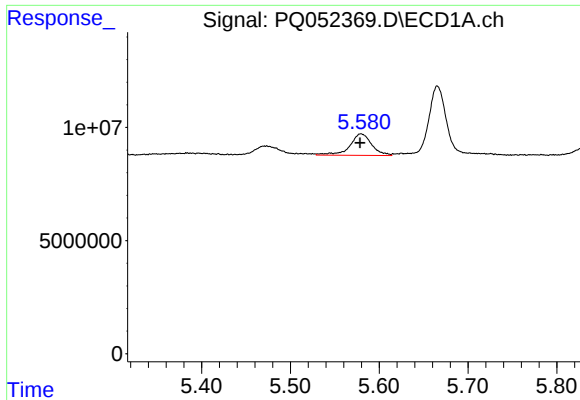
#8 AR-1221-1

R.T.: 5.473 min
Delta R.T.: -0.006 min
Response: 8275839
Conc: 32.45 ng/ml



#8 AR-1221-1

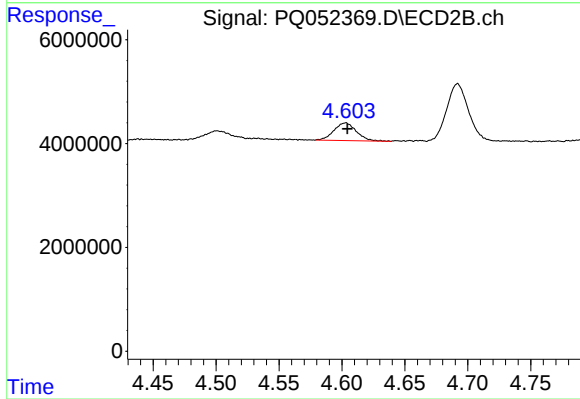
R.T.: 4.501 min
Delta R.T.: -0.004 min
Response: 4829887
Conc: 53.44 ng/ml



#9 AR-1221-2

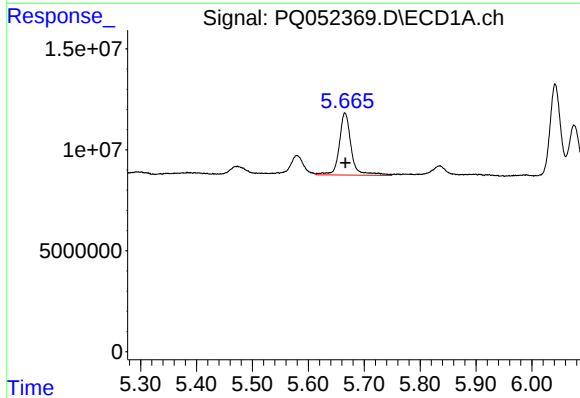
R.T.: 5.580 min
Delta R.T.: 0.001 min
Response: 16255656
Conc: 92.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



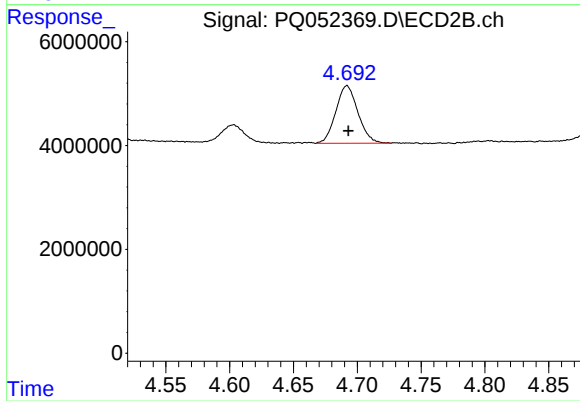
#9 AR-1221-2

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 4241262
Conc: 67.03 ng/ml



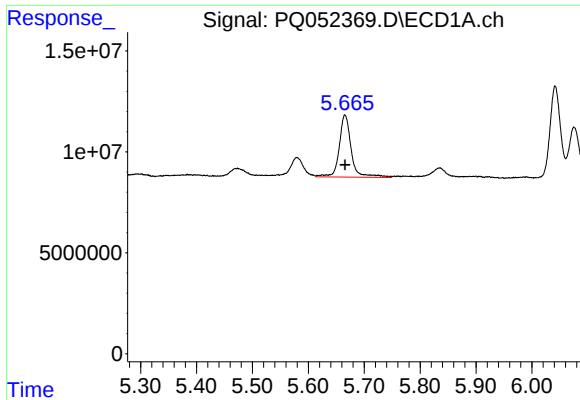
#10 AR-1221-3

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 45800608
Conc: 77.79 ng/ml



#10 AR-1221-3

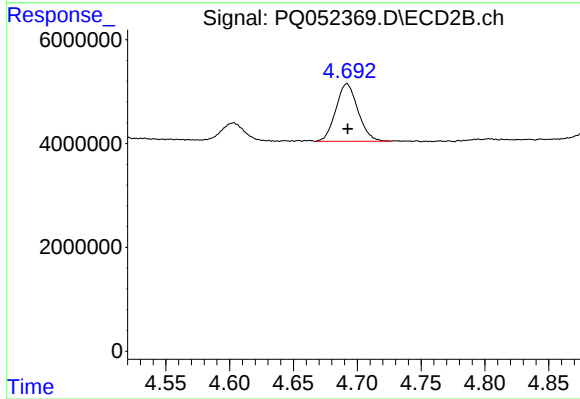
R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 13410637
Conc: 62.19 ng/ml



#11 AR-1232-1

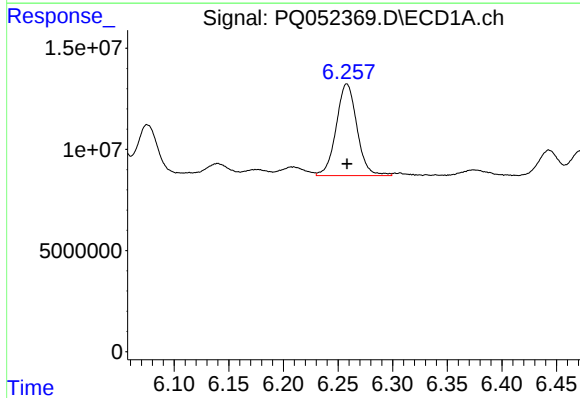
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 45800608
Conc: 93.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



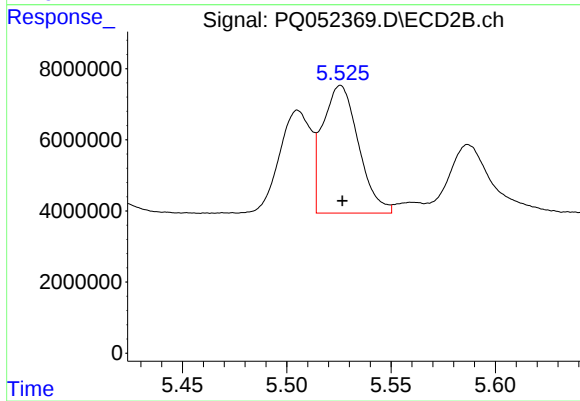
#11 AR-1232-1

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 13410637
Conc: 74.16 ng/ml



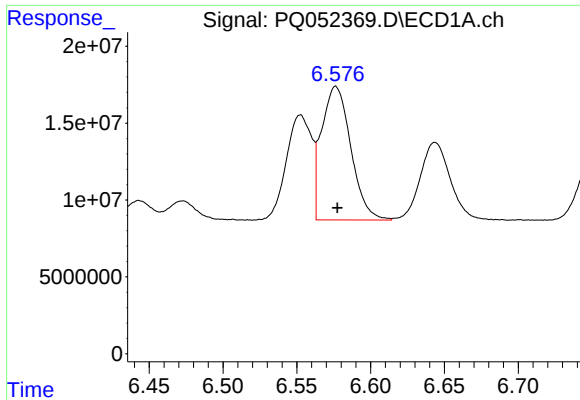
#12 AR-1232-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 60125251
Conc: 233.61 ng/ml



#12 AR-1232-2

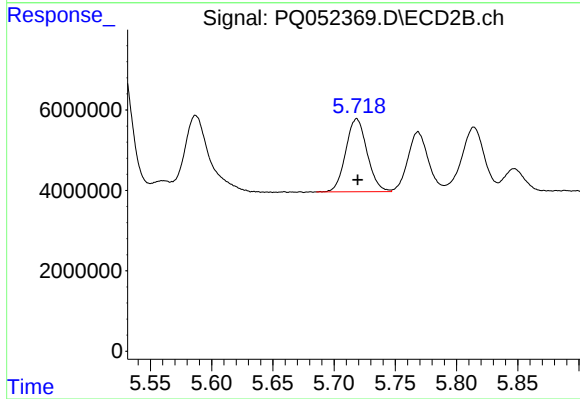
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 42985915
Conc: 217.72 ng/ml



#13 AR-1232-3

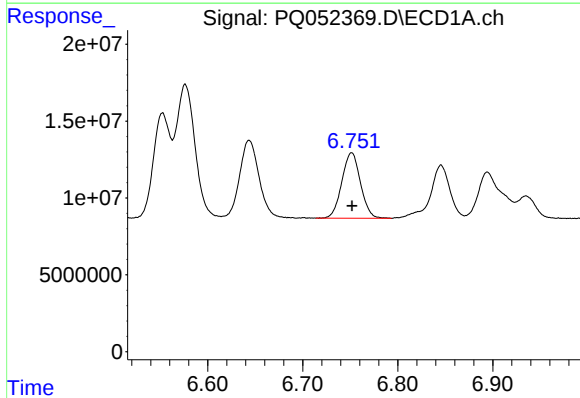
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 120027820
Conc: 228.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



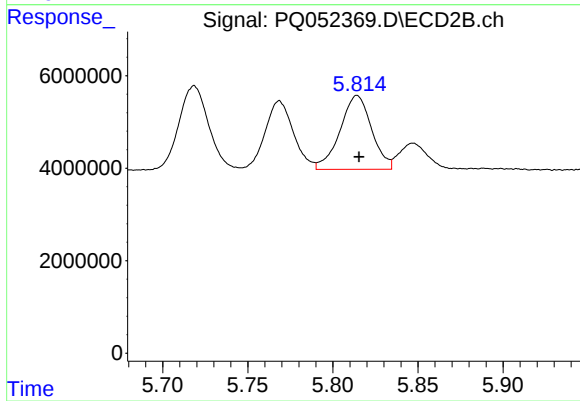
#13 AR-1232-3

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 22071405
Conc: 224.38 ng/ml



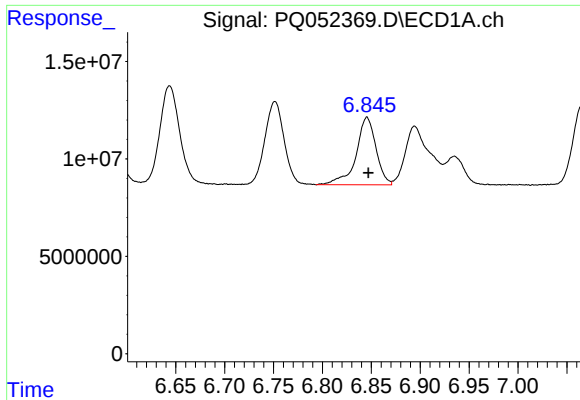
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 58250461
Conc: 222.21 ng/ml



#14 AR-1232-4

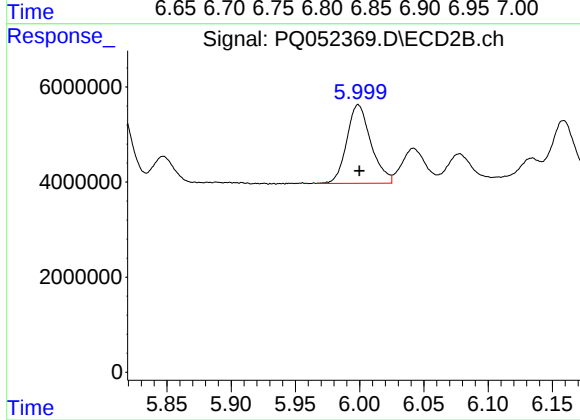
R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 20641996
Conc: 249.39 ng/ml



#15 AR-1232-5

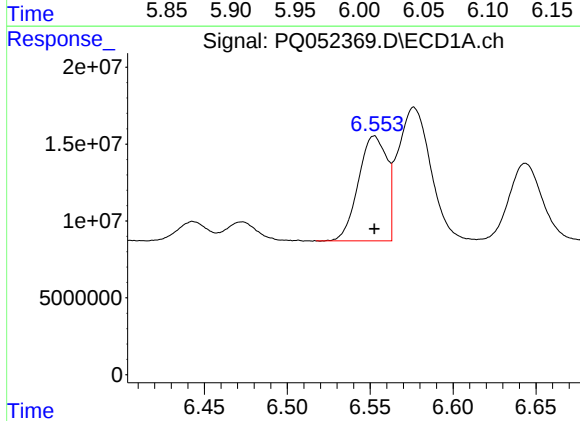
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 49416761
Conc: 267.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



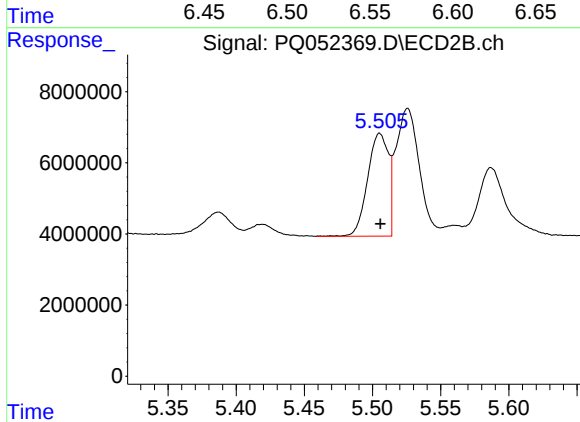
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 21647791
Conc: 243.32 ng/ml



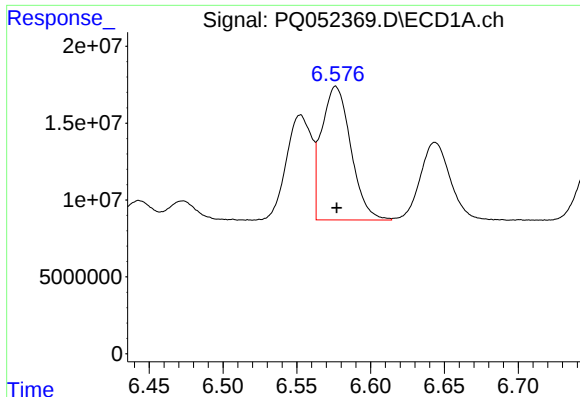
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 81463682
Conc: 118.54 ng/ml



#16 AR-1242-1

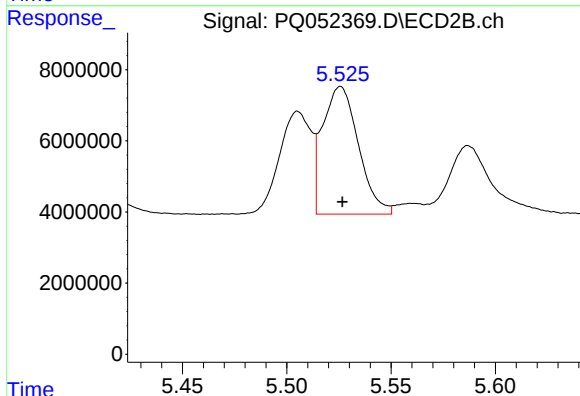
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 30730970
Conc: 116.66 ng/ml



#17 AR-1242-2

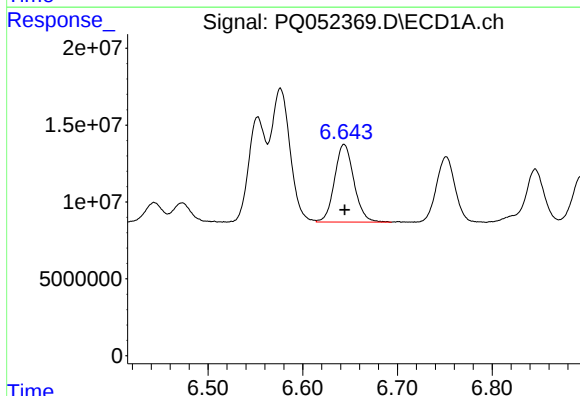
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 120027820
Conc: 118.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



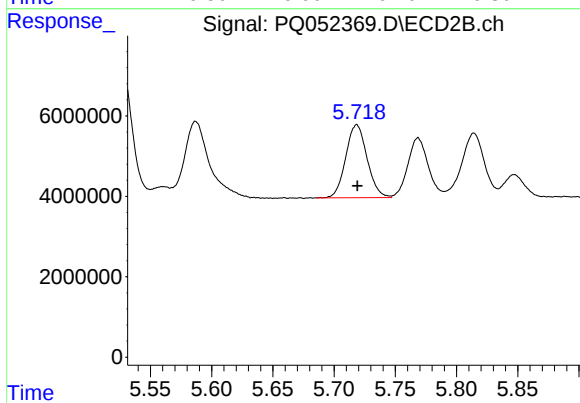
#17 AR-1242-2

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 42985915
Conc: 116.99 ng/ml



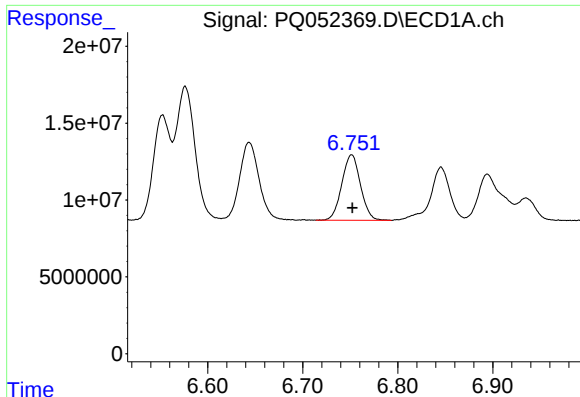
#18 AR-1242-3

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 71856050
Conc: 118.33 ng/ml



#18 AR-1242-3

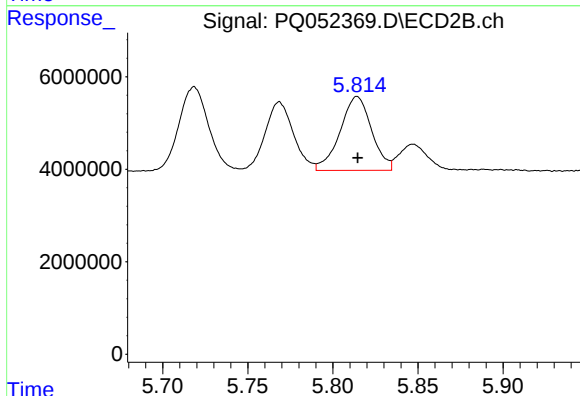
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 22071405
Conc: 115.77 ng/ml



#19 AR-1242-4

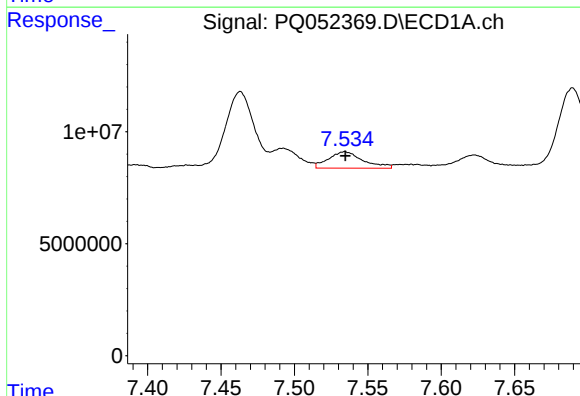
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 58250461
Conc: 114.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



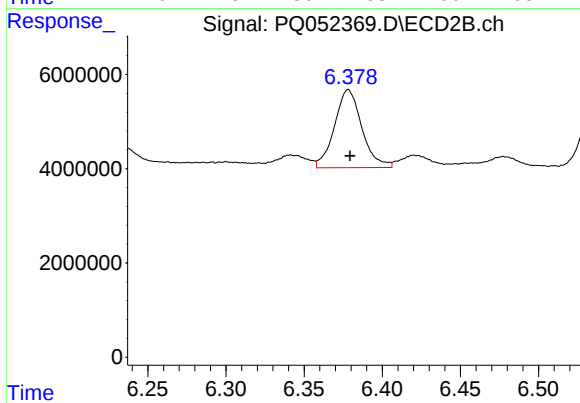
#19 AR-1242-4

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 20641996
Conc: 116.88 ng/ml



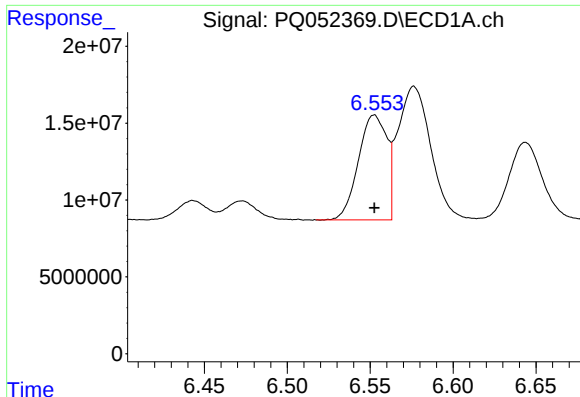
#20 AR-1242-5

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 11972073
Conc: 21.22 ng/ml



#20 AR-1242-5

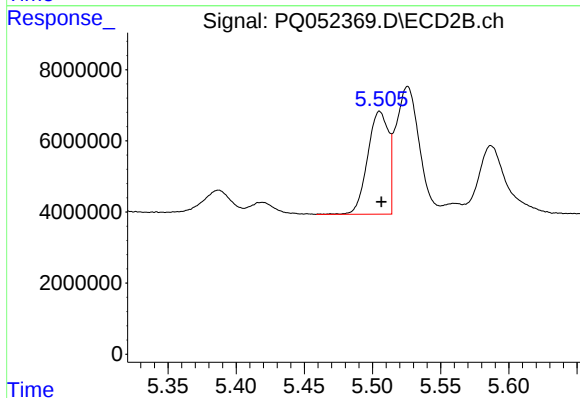
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 20148629
Conc: 80.37 ng/ml



#21 AR-1248-1

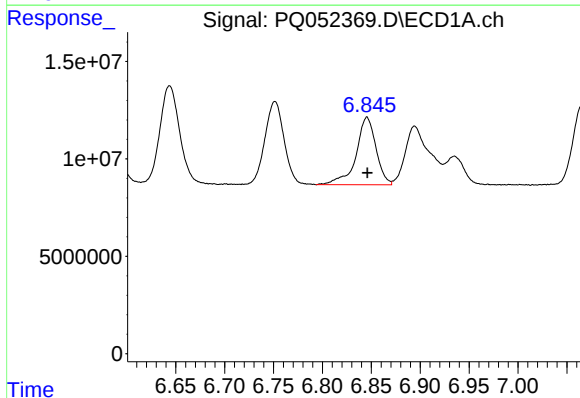
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 81463682
Conc: 148.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



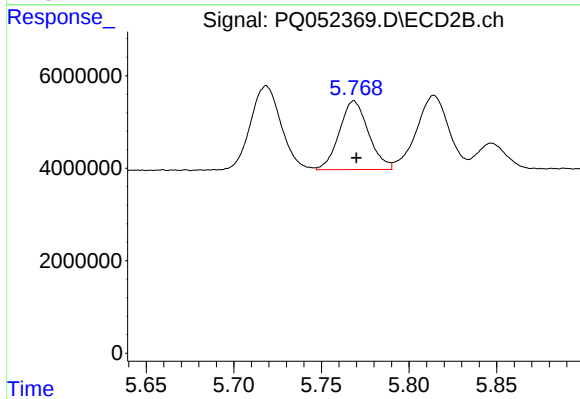
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 30730970
Conc: 149.44 ng/ml



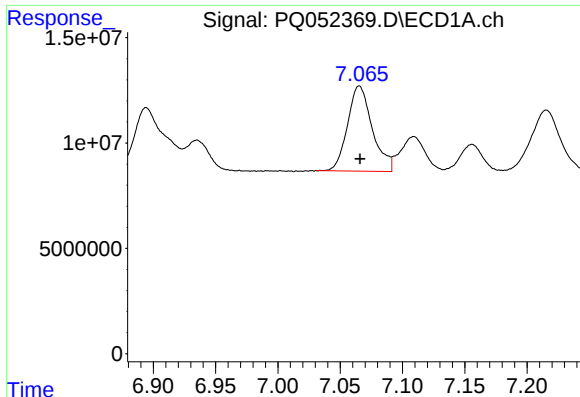
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 49416761
Conc: 64.29 ng/ml



#22 AR-1248-2

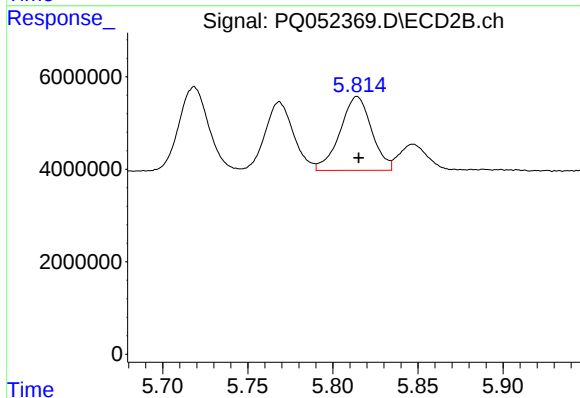
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 17229624
Conc: 63.75 ng/ml



#23 AR-1248-3

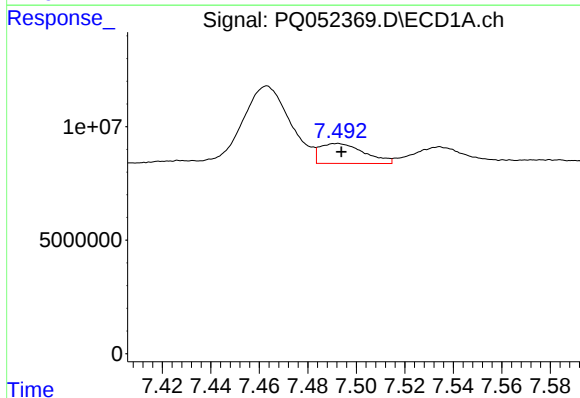
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 56139828
Conc: 63.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



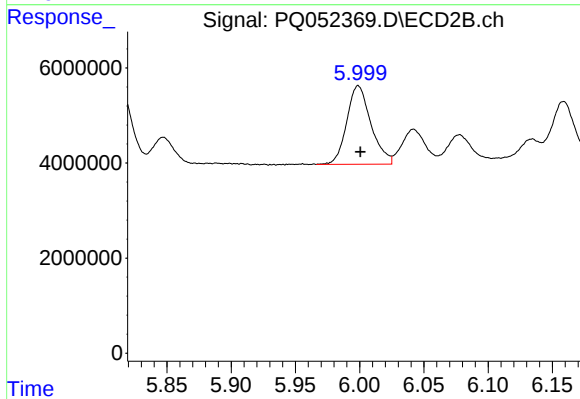
#23 AR-1248-3

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 20641996
Conc: 74.03 ng/ml



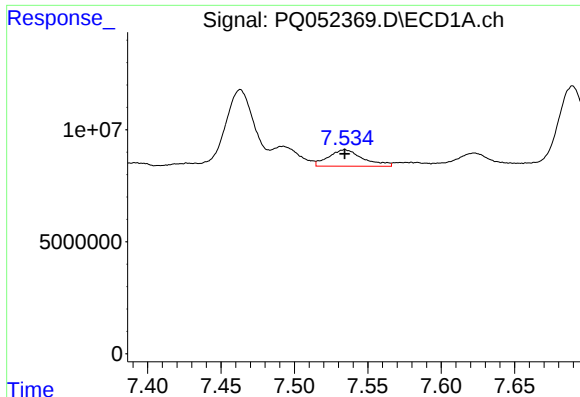
#24 AR-1248-4

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 11130189
Conc: 10.71 ng/ml



#24 AR-1248-4

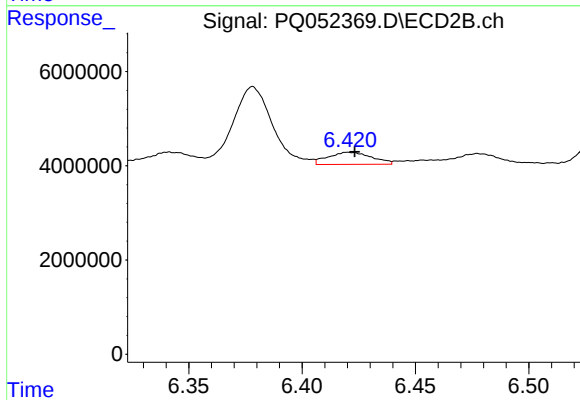
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 21647791
Conc: 65.06 ng/ml



#25 AR-1248-5

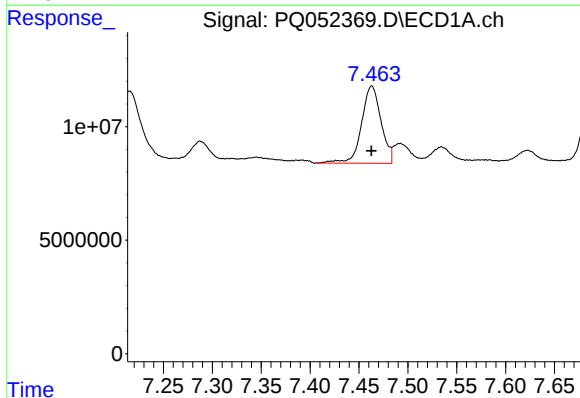
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 11972073
Conc: 11.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



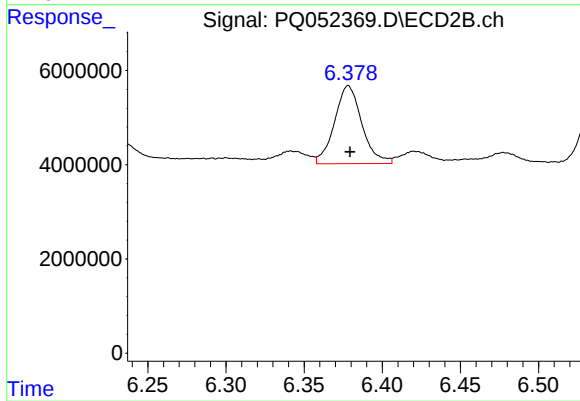
#25 AR-1248-5

R.T.: 6.421 min
Delta R.T.: -0.003 min
Response: 3442511
Conc: 9.63 ng/ml



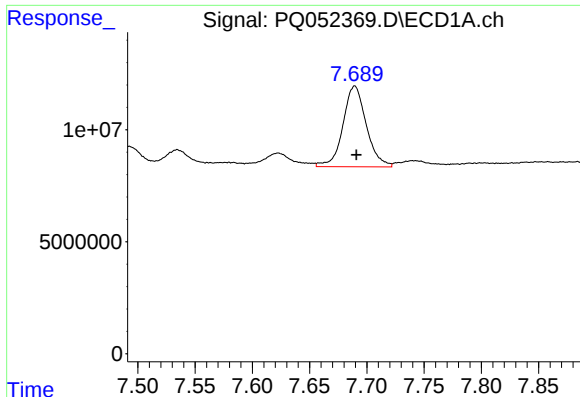
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 47104648
Conc: 47.42 ng/ml



#26 AR-1254-1

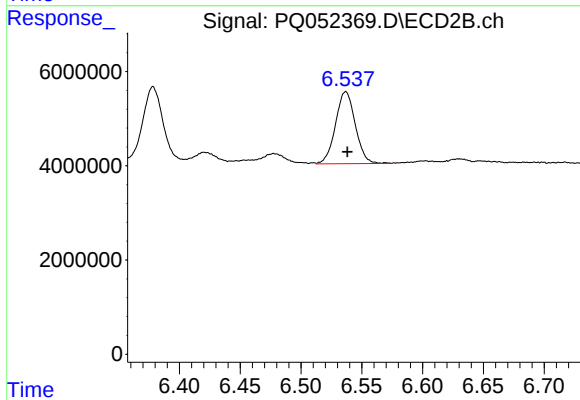
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 20148629
Conc: 37.78 ng/ml



#27 AR-1254-2

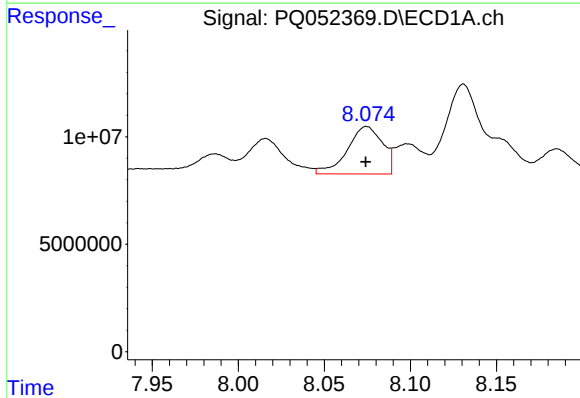
R.T.: 7.689 min
Delta R.T.: -0.001 min
Response: 51234559
Conc: 33.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



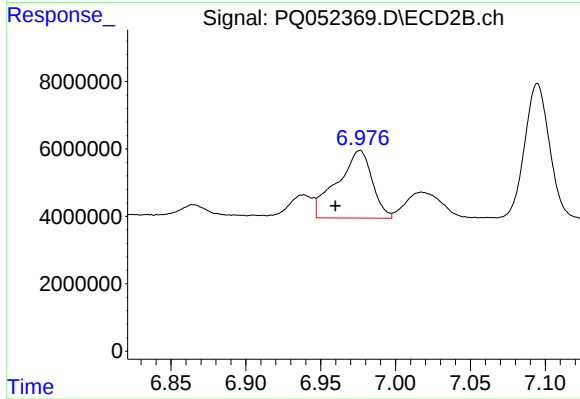
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 17329295
Conc: 37.95 ng/ml



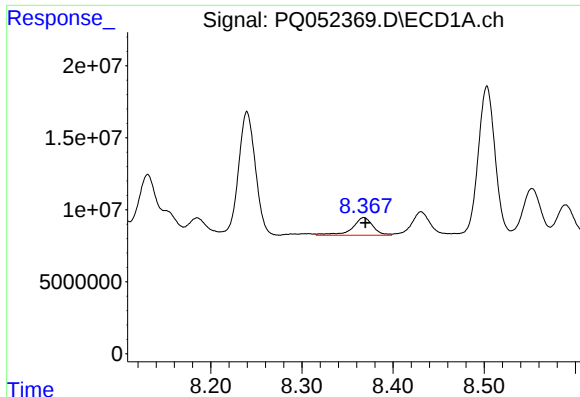
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 31371523
Conc: 18.56 ng/ml



#28 AR-1254-3

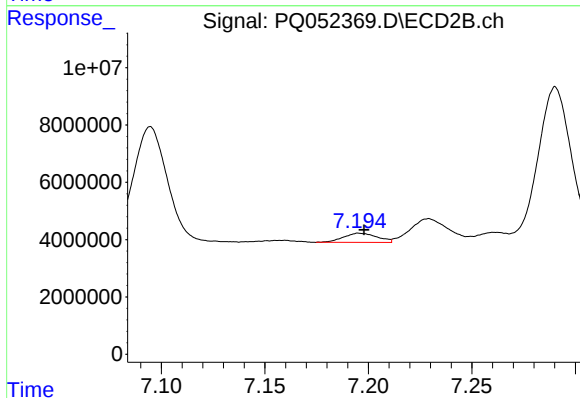
R.T.: 6.976 min
Delta R.T.: 0.016 min
Response: 32602532
Conc: 43.35 ng/ml



#29 AR-1254-4

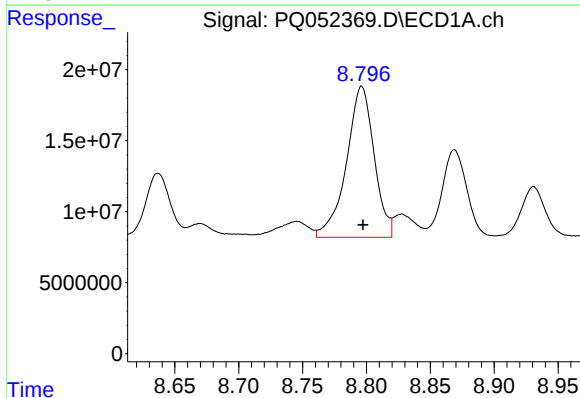
R.T.: 8.368 min
Delta R.T.: -0.002 min
Response: 19394306
Conc: 15.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



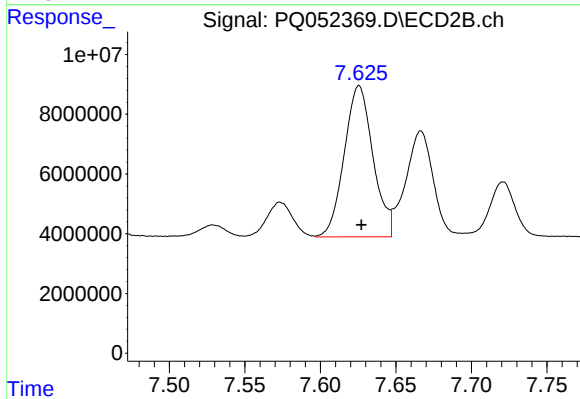
#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 3595363
Conc: 7.13 ng/ml



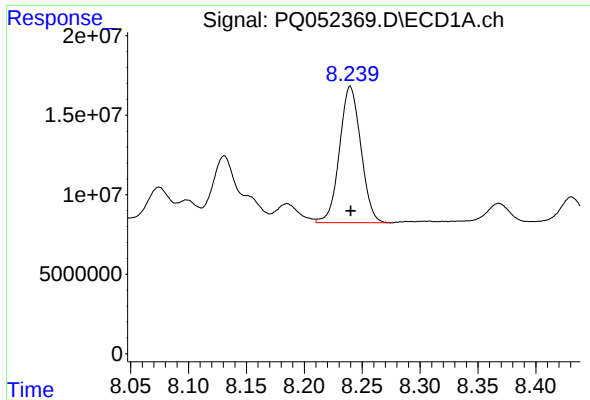
#30 AR-1254-5

R.T.: 8.796 min
Delta R.T.: -0.001 min
Response: 160387077
Conc: 119.35 ng/ml



#30 AR-1254-5

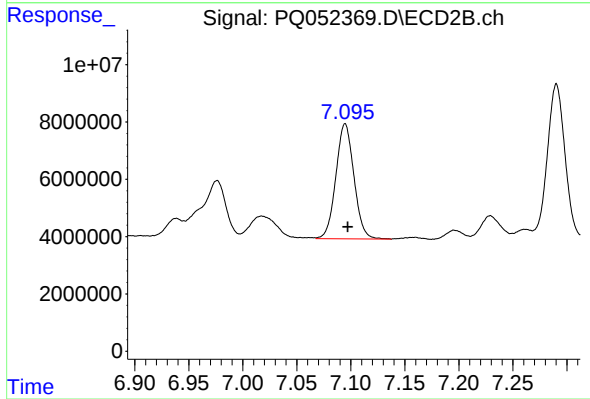
R.T.: 7.626 min
Delta R.T.: -0.002 min
Response: 67055506
Conc: 98.59 ng/ml



#31 AR-1260-1

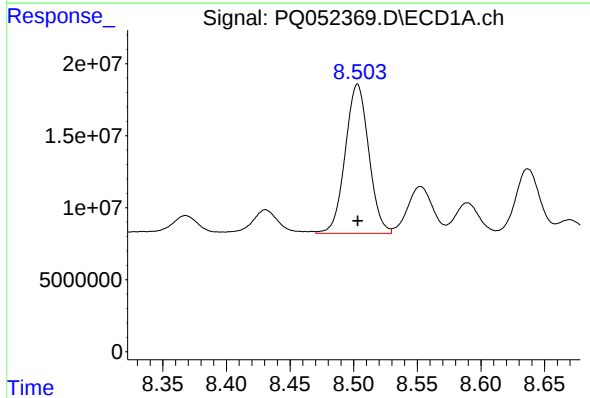
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 11001129
Conc: 110.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



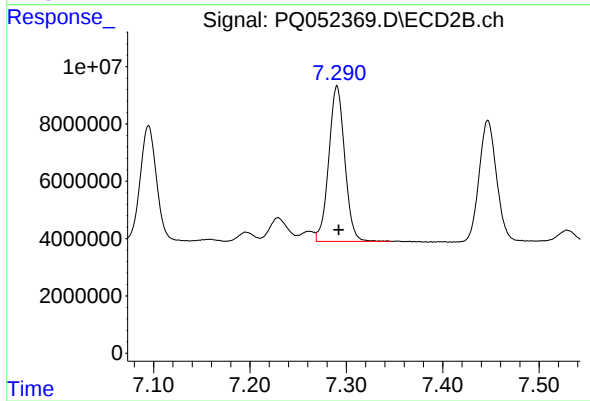
#31 AR-1260-1

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 46821335
Conc: 114.32 ng/ml



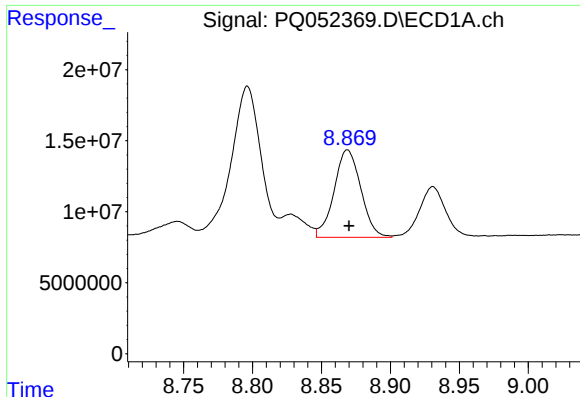
#32 AR-1260-2

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 133328848
Conc: 108.55 ng/ml



#32 AR-1260-2

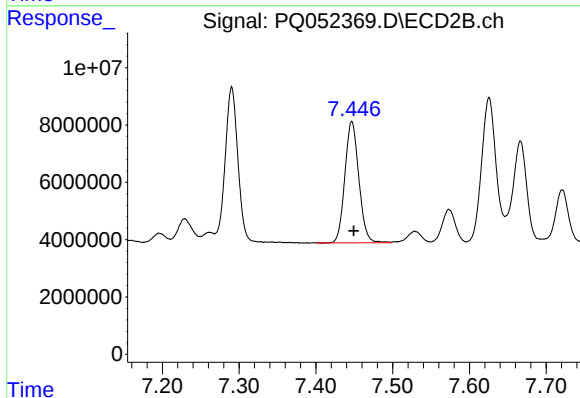
R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 62618195
Conc: 117.93 ng/ml



#33 AR-1260-3

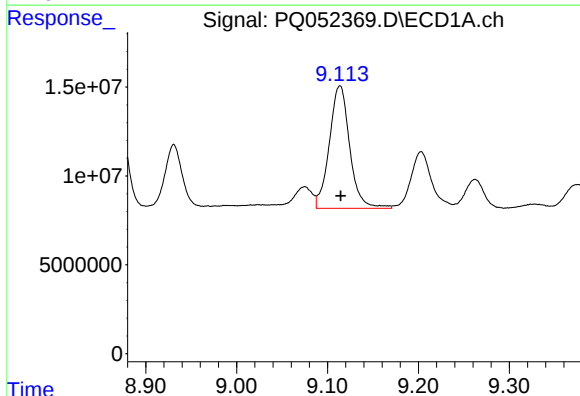
R.T.: 8.869 min
Delta R.T.: -0.001 min
Response: 83322616
Conc: 91.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



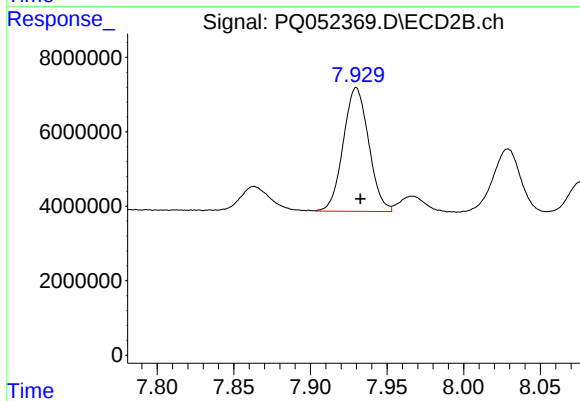
#33 AR-1260-3

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 53690998
Conc: 112.34 ng/ml



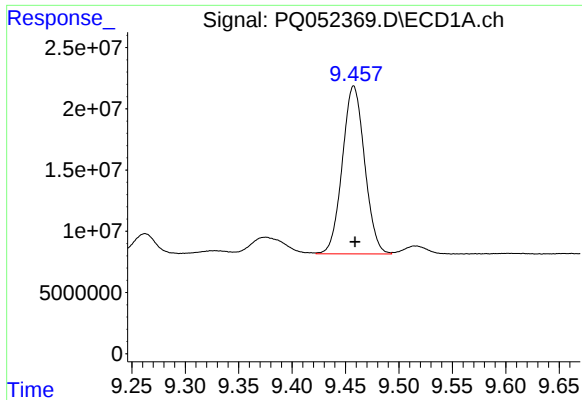
#34 AR-1260-4

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 107495951
Conc: 99.77 ng/ml



#34 AR-1260-4

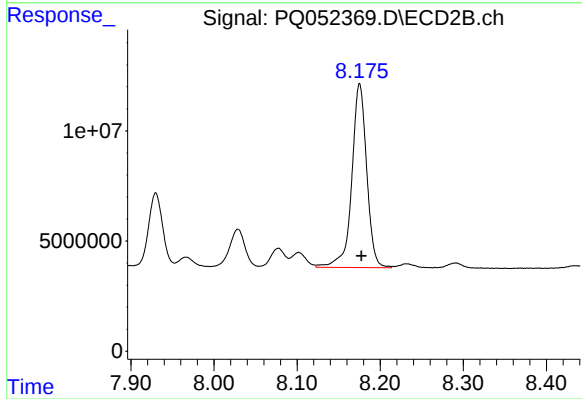
R.T.: 7.930 min
Delta R.T.: -0.003 min
Response: 38396978
Conc: 94.80 ng/ml



#35 AR-1260-5

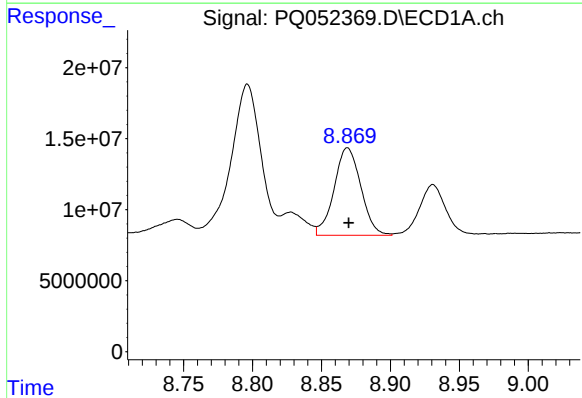
R.T.: 9.458 min
Delta R.T.: -0.001 min
Response: 199089800
Conc: 87.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



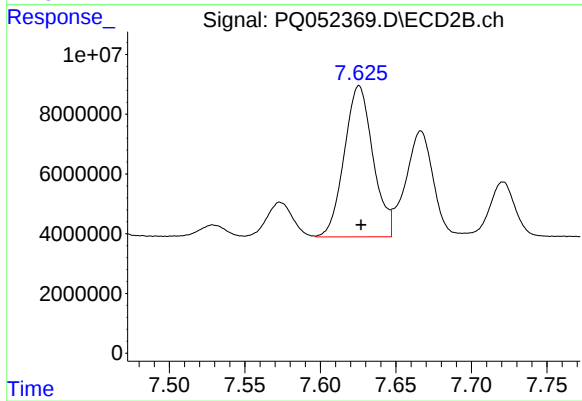
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 104035064
Conc: 96.62 ng/ml



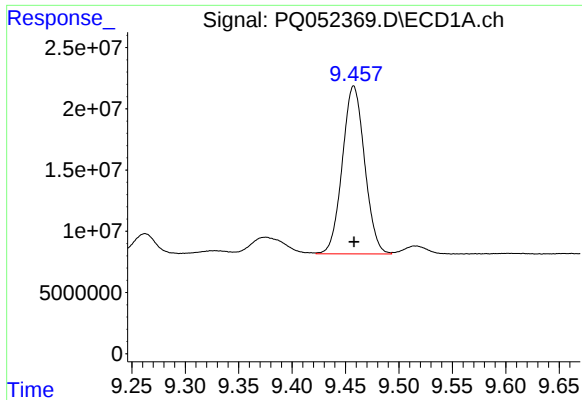
#36 AR-1262-1

R.T.: 8.869 min
Delta R.T.: 0.000 min
Response: 83322616
Conc: 52.92 ng/ml



#36 AR-1262-1

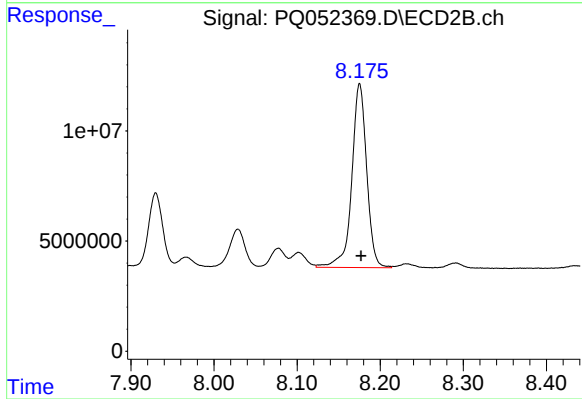
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 67055506
Conc: 194.19 ng/ml



#37 AR-1262-2

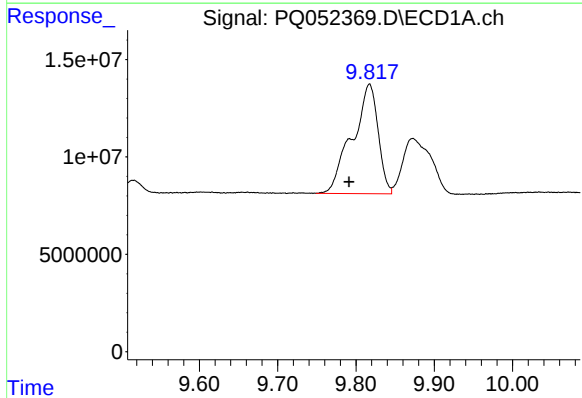
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 199089800
Conc: 66.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



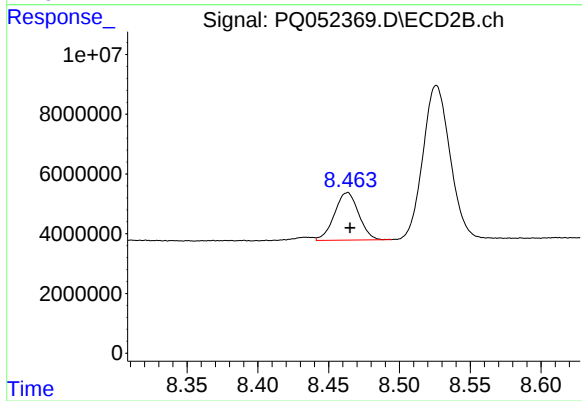
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 104035064
Conc: 77.57 ng/ml



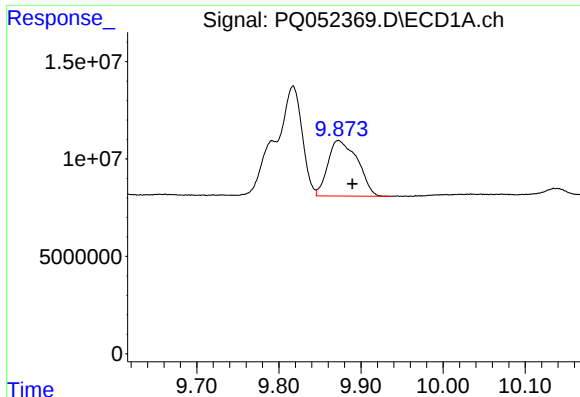
#38 AR-1262-3

R.T.: 9.817 min
Delta R.T.: 0.026 min
Response: 128935197
Conc: 64.77 ng/ml



#38 AR-1262-3

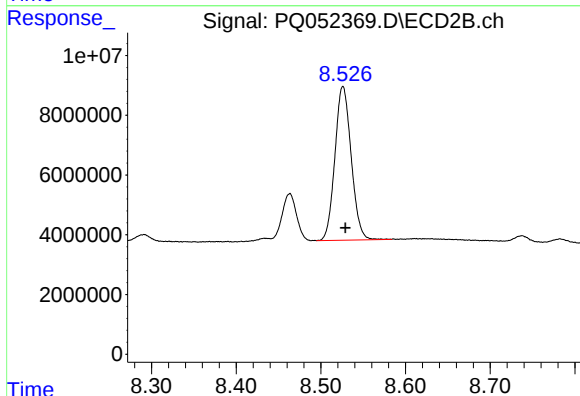
R.T.: 8.463 min
Delta R.T.: -0.002 min
Response: 18936083
Conc: 36.22 ng/ml



#39 AR-1262-4

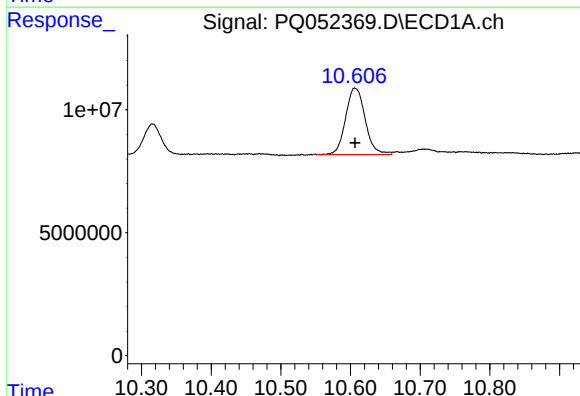
R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 71549706
Conc: 47.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



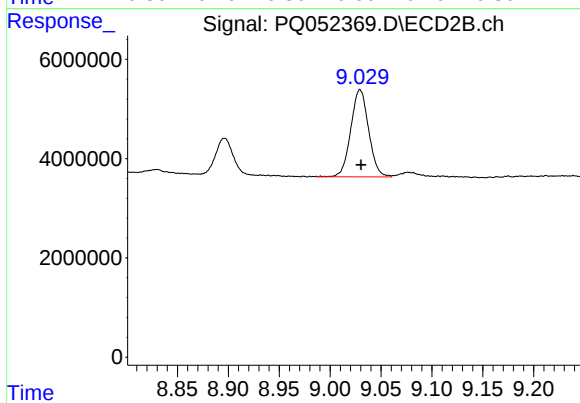
#39 AR-1262-4

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 68736971
Conc: 70.34 ng/ml



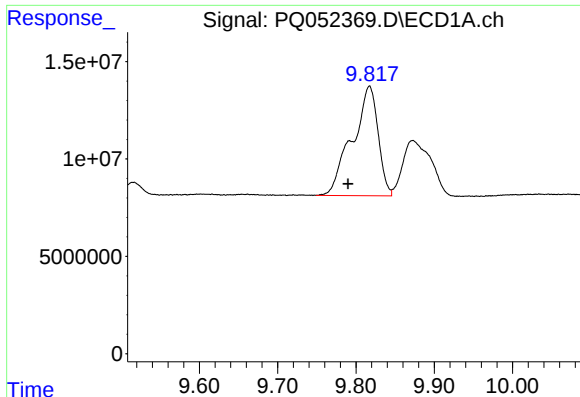
#40 AR-1262-5

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 52299102
Conc: 48.06 ng/ml



#40 AR-1262-5

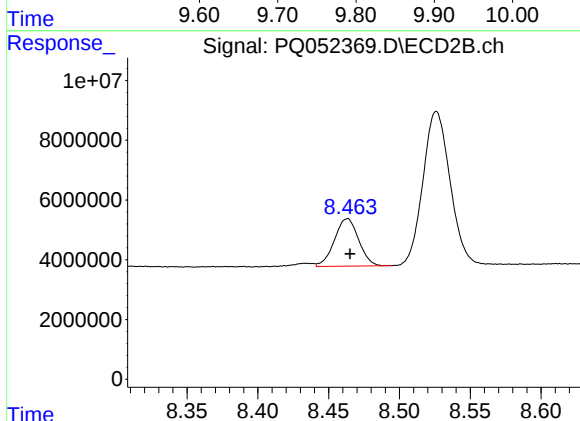
R.T.: 9.029 min
Delta R.T.: -0.001 min
Response: 21419056
Conc: 47.26 ng/ml



#41 AR-1268-1

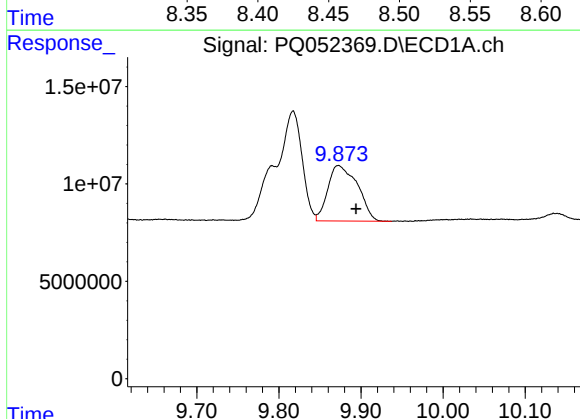
R.T.: 9.817 min
Delta R.T.: 0.027 min
Response: 128935197
Conc: 36.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



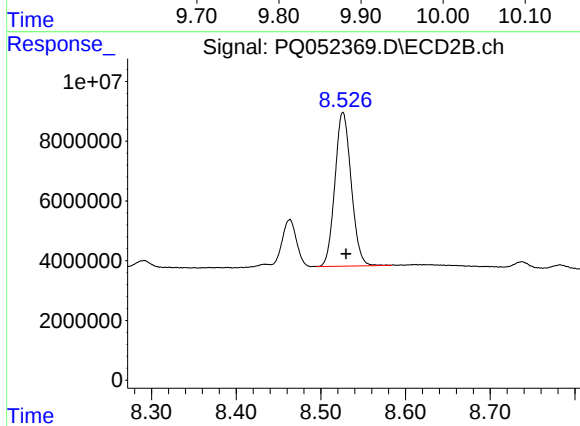
#41 AR-1268-1

R.T.: 8.463 min
Delta R.T.: -0.002 min
Response: 18936083
Conc: 11.76 ng/ml



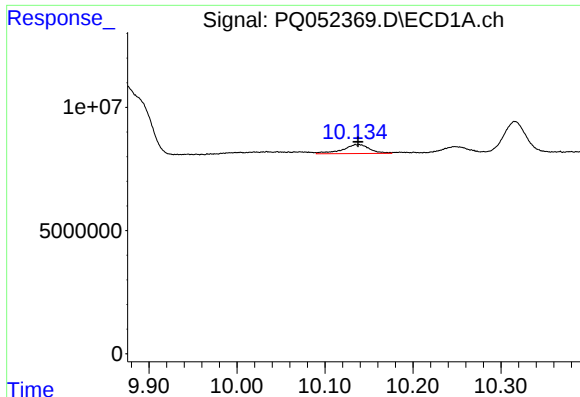
#42 AR-1268-2

R.T.: 9.872 min
Delta R.T.: -0.021 min
Response: 71549706
Conc: 21.79 ng/ml



#42 AR-1268-2

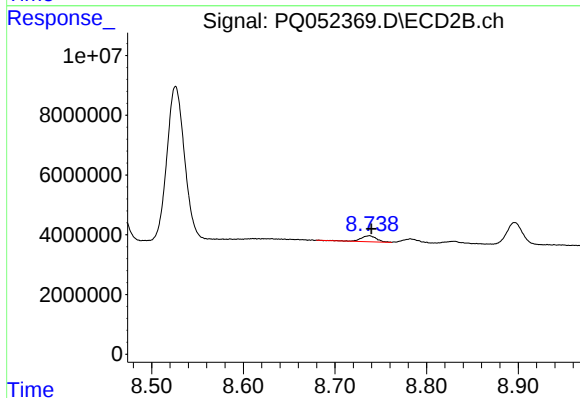
R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 68736971
Conc: 46.11 ng/ml



#43 AR-1268-3

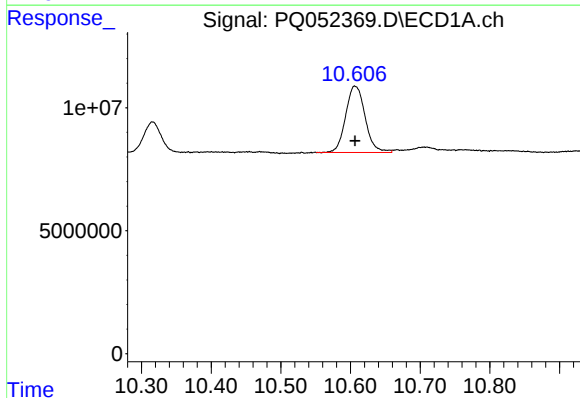
R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 7776165
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



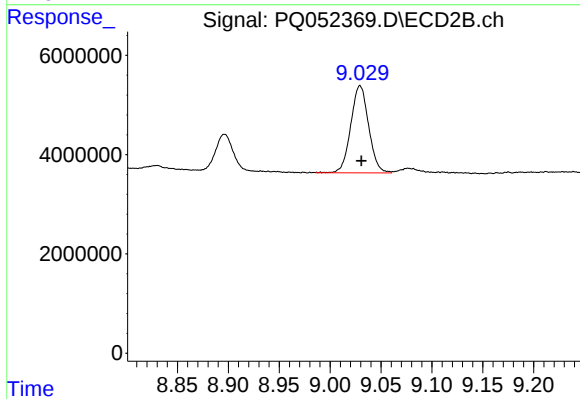
#43 AR-1268-3

R.T.: 8.738 min
Delta R.T.: -0.002 min
Response: 2326817
Conc: 1.86 ng/ml



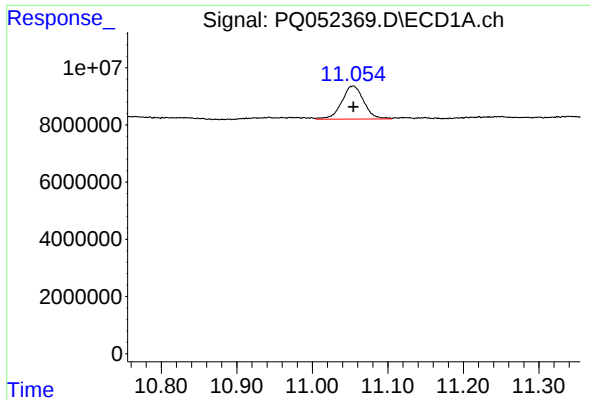
#44 AR-1268-4

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 52299102
Conc: 42.89 ng/ml



#44 AR-1268-4

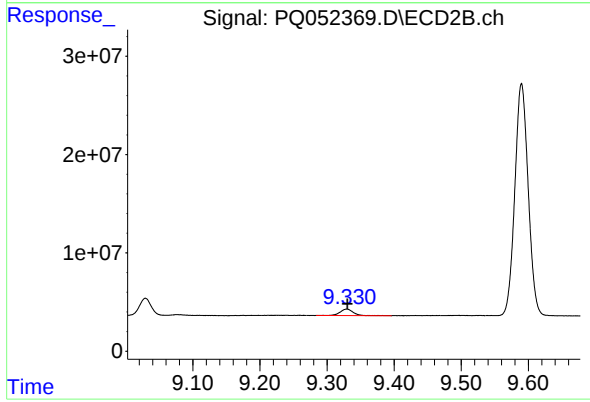
R.T.: 9.029 min
Delta R.T.: -0.001 min
Response: 21419056
Conc: 40.98 ng/ml



#45 AR-1268-5

R.T.: 11.054 min
Delta R.T.: 0.000 min
Response: 23626018
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: 0.000 min
Response: 8854026
Conc: 2.20 ng/ml