

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033021\
 Data File : PQ052744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2021 23:36
 Operator : DD\AJ
 Sample : M1870-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 01:51:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 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...	5.225	4.240	617.5E6	245.9E6	26.796	25.707
2)	SA Decachlor...	11.414	9.581	855.6E6	373.8E6	34.599	37.768
Target Compounds							
3)	L1 AR-1016-1	6.574	5.520	69075704	26430252	80.505	68.195
4)	L1 AR-1016-2	6.574	5.520	69075704	26430252	54.123	47.638
5)	L1 AR-1016-3	6.647	5.713	3572824	9688482	4.714	34.073 #
6)	L1 AR-1016-4	6.747	5.763	21408324	21565559	33.642	96.088 #
7)	L1 AR-1016-5	7.062	5.993	48753394	25034475	79.996	87.273
8)	L2 AR-1221-1	5.498	0.000	79169387	0	325.208	N.D. #
9)	L2 AR-1221-2	5.580	4.573	14610852	21765855	86.072	291.226 #
10)	L2 AR-1221-3	5.674	4.728f	2459319	1374443	4.262	5.415 #
11)	L3 AR-1232-1	5.674	4.728f	2459319	1374443	5.244	6.564 #
12)	L3 AR-1232-2	6.255	5.520	12844180	26430252	50.788	113.293 #
13)	L3 AR-1232-3	6.574	5.713	69075704	9688482	128.372	82.789 #
14)	L3 AR-1232-4	6.747	5.807	21408324	18007581	79.894	181.234 #
15)	L3 AR-1232-5	6.842	5.993	48096195	25034475	244.942	226.704
16)	L4 AR-1242-1	6.574	5.520	69075704	26430252	86.660	74.832
17)	L4 AR-1242-2	6.574	5.520	69075704	26430252	58.699	52.749
18)	L4 AR-1242-3	6.647	5.713	3572824	9688482	5.057	37.276 #
19)	L4 AR-1242-4	6.747	5.807	21408324	18007581	36.436	73.344 #
20)	L4 AR-1242-5	7.531	6.373	88517667	88296516	132.119	254.142 #
21)	L5 AR-1248-1	6.574	5.520	69075704	26430252	125.868	108.090
22)	L5 AR-1248-2	6.842	5.763	48096195	21565559	61.750	64.991
23)	L5 AR-1248-3	7.062	5.807	48753394	18007581	54.678	52.417
24)	L5 AR-1248-4	7.490	5.993	56055916	25034475	52.401	60.418
25)	L5 AR-1248-5	7.531	6.416	88517667	37838252	83.285	84.803
26)	L6 AR-1254-1	7.460	6.373	154.6E6	88296516	113.769	98.456
27)	L6 AR-1254-2	7.688	6.531	236.2E6	97276180	110.680	122.800
28)	L6 AR-1254-3	8.071	6.953	156.2E6	112.2E6	66.625	86.495 #
29)	L6 AR-1254-4	8.366	7.190	97034754	44612064	56.175	50.133
30)	L6 AR-1254-5	8.794	7.619	562.1E6	325.7E6	306.359	272.300
31)	L7 AR-1260-1	8.237	7.089	345.5E6	202.4E6	320.671	350.173
32)	L7 AR-1260-2	8.499	7.284	485.8E6	316.6E6	369.715	396.955
33)	L7 AR-1260-3	8.865	7.440	193.6E6	194.5E6	192.797	295.136 #
34)	L7 AR-1260-4	9.108	7.923	256.5E6	113.0E6	224.411	200.424
35)	L7 AR-1260-5	9.454	8.169	523.1E6	387.8E6	219.900	253.391
36)	L8 AR-1262-1	8.865	7.619	193.6E6	325.7E6	106.633	646.739 #
37)	L8 AR-1262-2	9.454	8.169	523.1E6	387.8E6	156.220	186.404
38)	L8 AR-1262-3	9.813	8.456	313.7E6	46939655	141.390	58.071 #
39)	L8 AR-1262-4	9.868	8.519	159.8E6	220.8E6	91.454	158.419 #
40)	L8 AR-1262-5	10.602	9.023	98527357	49084393	81.154	80.016
41)	L9 AR-1268-1	9.813	8.456	313.7E6	46939655	79.943	19.791 #

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 Acq On : 30 Mar 2021 23:36
 Operator : DD\AJ
 Sample : M1870-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

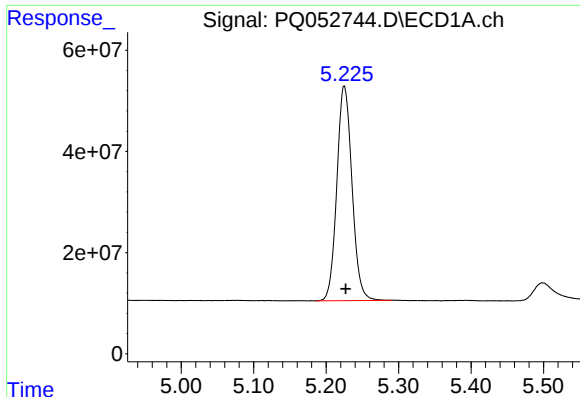
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 01:51:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.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	9.868	8.519	159.8E6	220.8E6	43.105	108.617 #
43) L9	AR-1268-3	10.095f	8.718	6627368	8148586	2.075	4.581 #
44) L9	AR-1268-4	10.602	9.023	98527357	49084393	76.401	74.083
45) L9	AR-1268-5	11.049	9.321	27413308	10568398	2.557	2.191

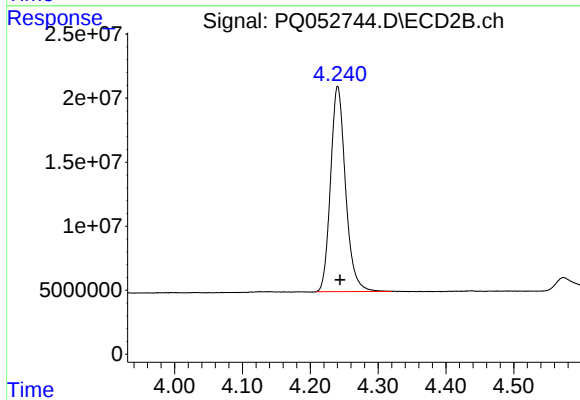
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

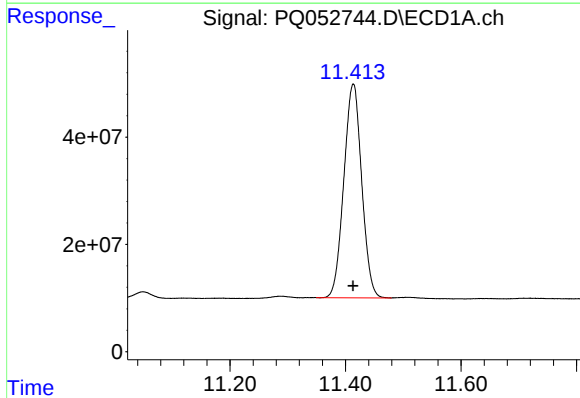
R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 617548448
Conc: 26.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



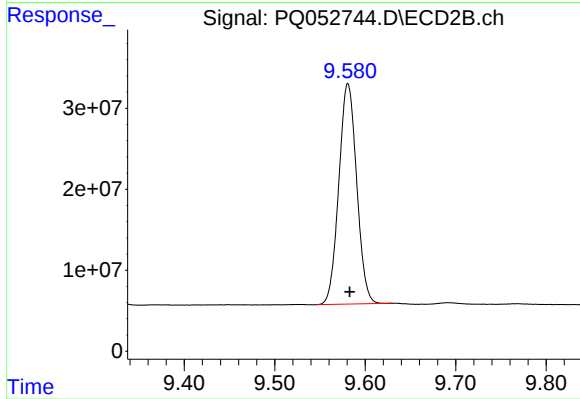
#1 Tetrachloro-m-xylene

R.T.: 4.240 min
Delta R.T.: -0.003 min
Response: 245874134
Conc: 25.71 ng/ml



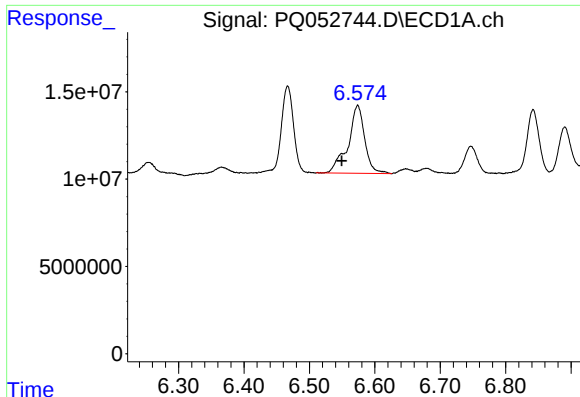
#2 Decachlorobiphenyl

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 855578353
Conc: 34.60 ng/ml



#2 Decachlorobiphenyl

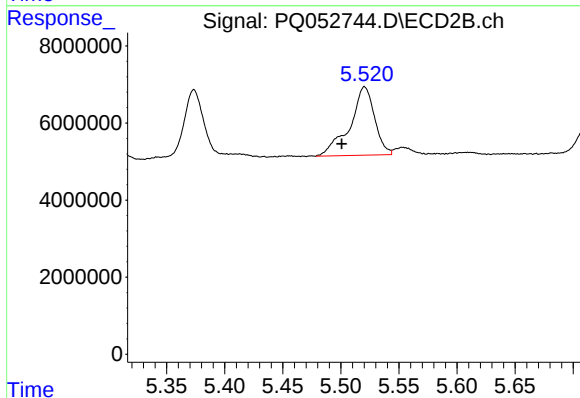
R.T.: 9.581 min
Delta R.T.: -0.002 min
Response: 373761617
Conc: 37.77 ng/ml



#3 AR-1016-1

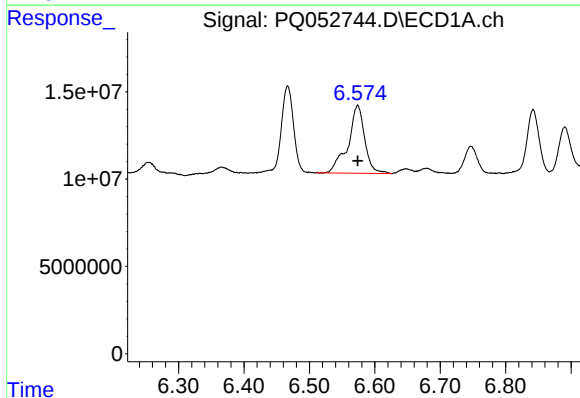
R.T.: 6.574 min
Delta R.T.: 0.025 min
Response: 69075704
Conc: 80.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



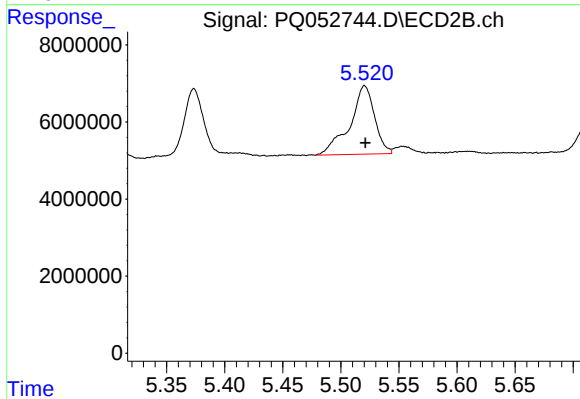
#3 AR-1016-1

R.T.: 5.520 min
Delta R.T.: 0.020 min
Response: 26430252
Conc: 68.20 ng/ml



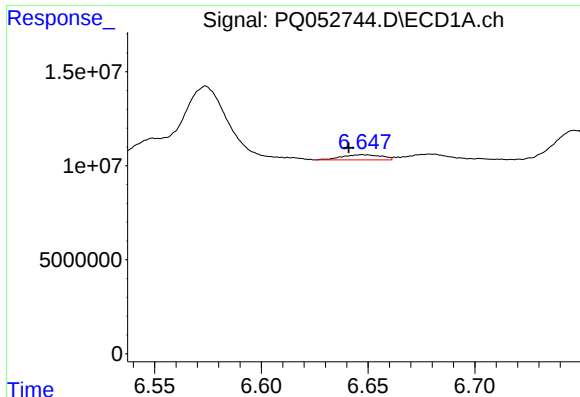
#4 AR-1016-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 69075704
Conc: 54.12 ng/ml



#4 AR-1016-2

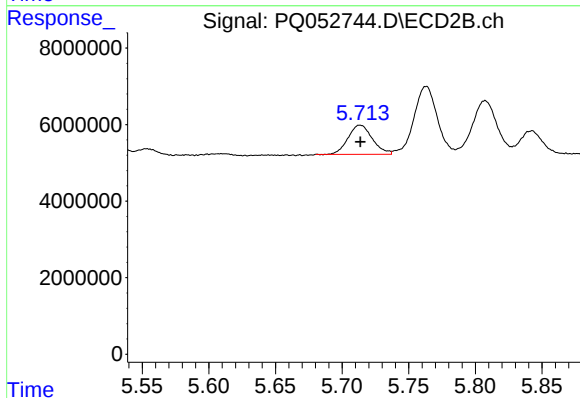
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 26430252
Conc: 47.64 ng/ml



#5 AR-1016-3

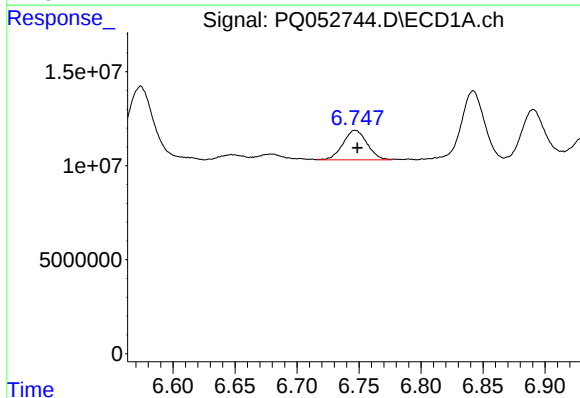
R.T.: 6.647 min
Delta R.T.: 0.006 min
Response: 3572824
Conc: 4.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



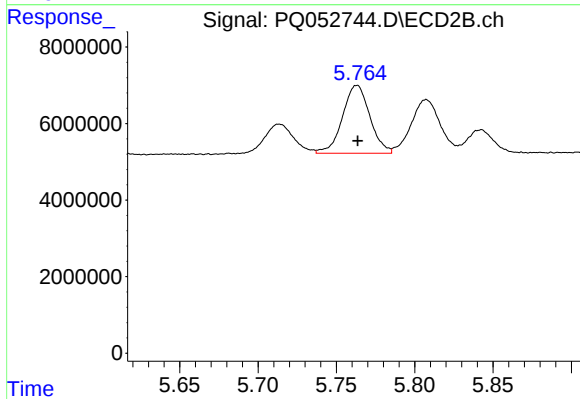
#5 AR-1016-3

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 9688482
Conc: 34.07 ng/ml



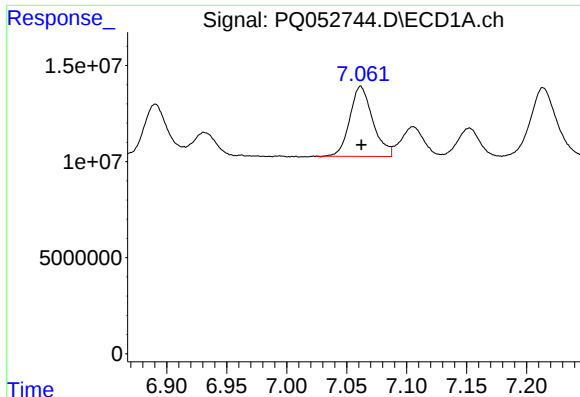
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 21408324
Conc: 33.64 ng/ml



#6 AR-1016-4

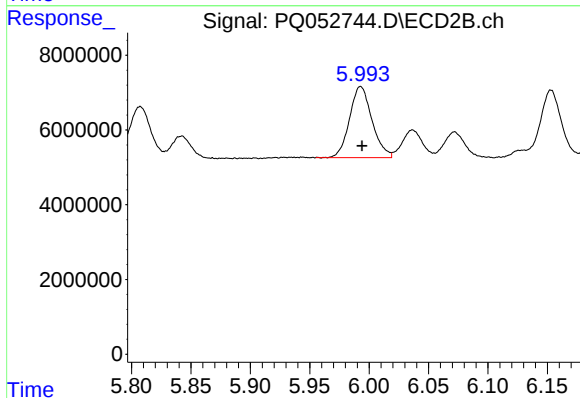
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 21565559
Conc: 96.09 ng/ml



#7 AR-1016-5

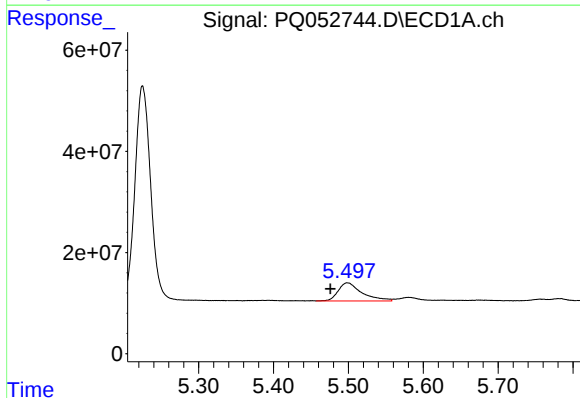
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 48753394
Conc: 80.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



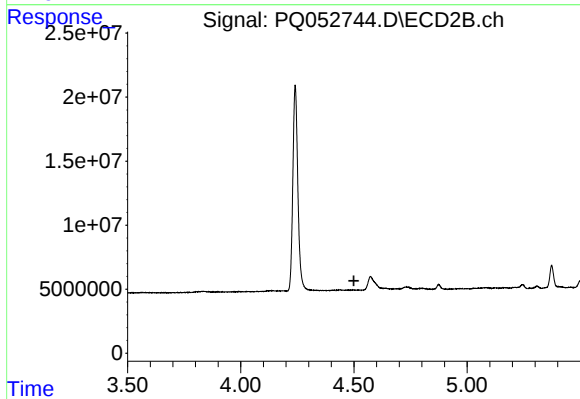
#7 AR-1016-5

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 25034475
Conc: 87.27 ng/ml



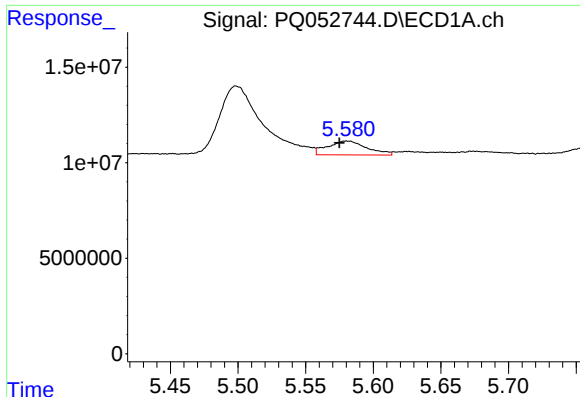
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.022 min
Response: 79169387
Conc: 325.21 ng/ml



#8 AR-1221-1

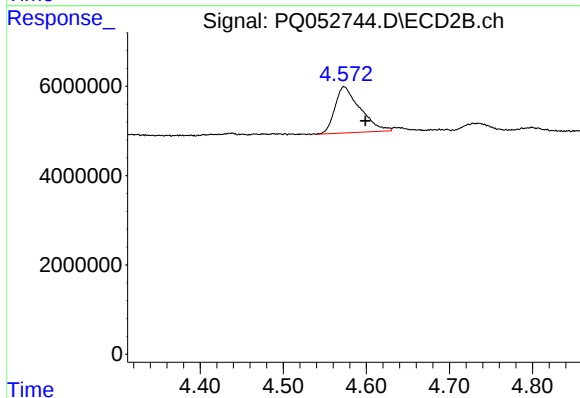
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.



#9 AR-1221-2

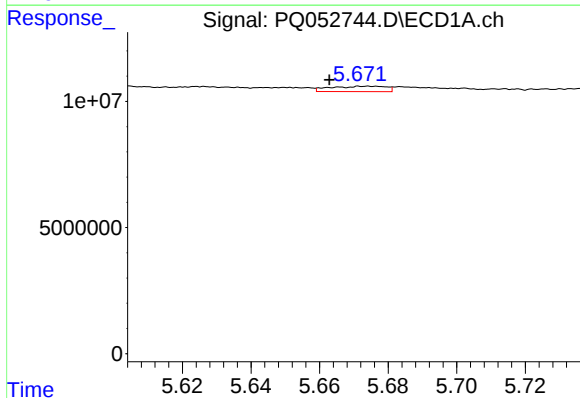
R.T.: 5.580 min
Delta R.T.: 0.005 min
Response: 14610852
Conc: 86.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



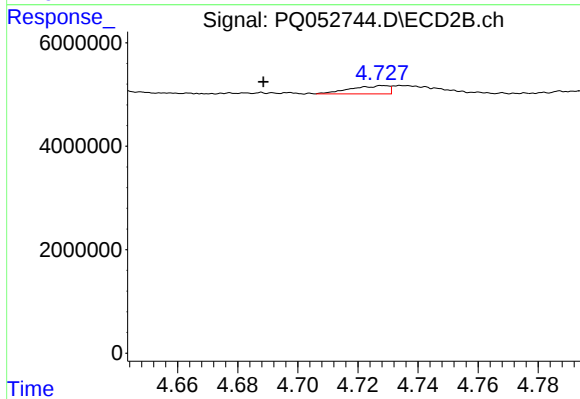
#9 AR-1221-2

R.T.: 4.573 min
Delta R.T.: -0.026 min
Response: 21765855
Conc: 291.23 ng/ml



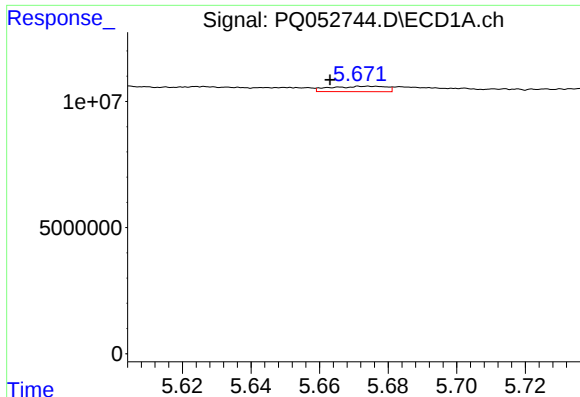
#10 AR-1221-3

R.T.: 5.674 min
Delta R.T.: 0.011 min
Response: 2459319
Conc: 4.26 ng/ml



#10 AR-1221-3

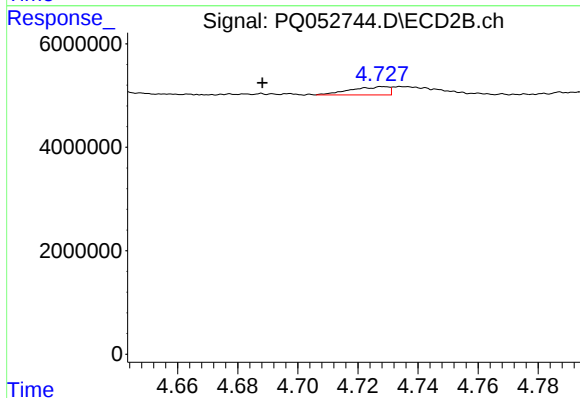
R.T.: 4.728 min
Delta R.T.: 0.040 min
Response: 1374443
Conc: 5.42 ng/ml



#11 AR-1232-1

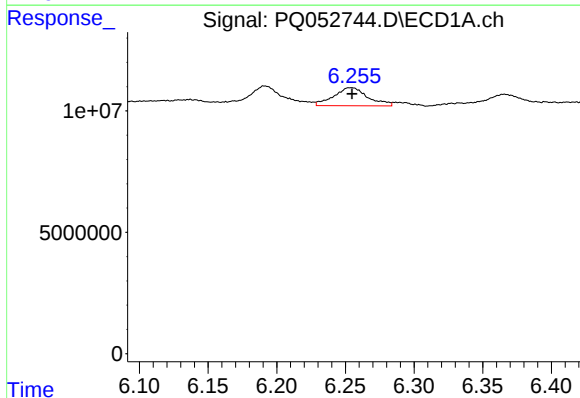
R.T.: 5.674 min
Delta R.T.: 0.011 min
Response: 2459319
Conc: 5.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



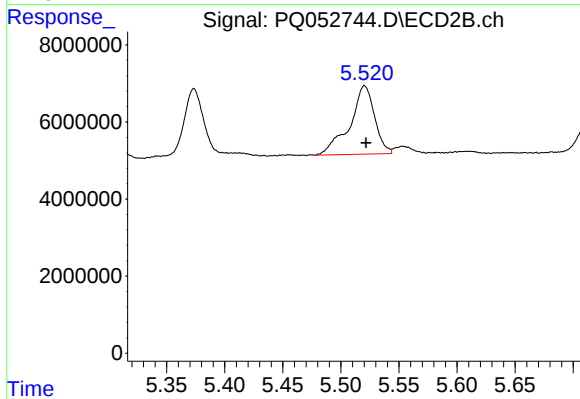
#11 AR-1232-1

R.T.: 4.728 min
Delta R.T.: 0.040 min
Response: 1374443
Conc: 6.56 ng/ml



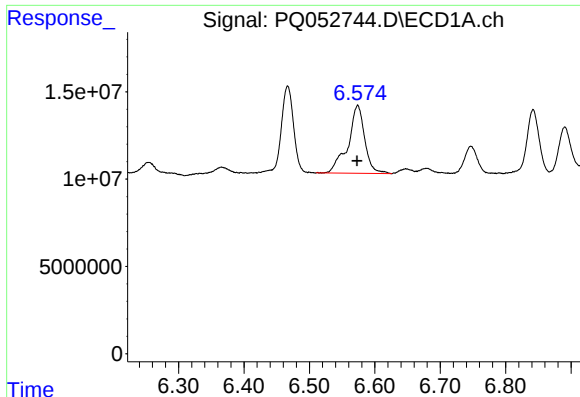
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 12844180
Conc: 50.79 ng/ml



#12 AR-1232-2

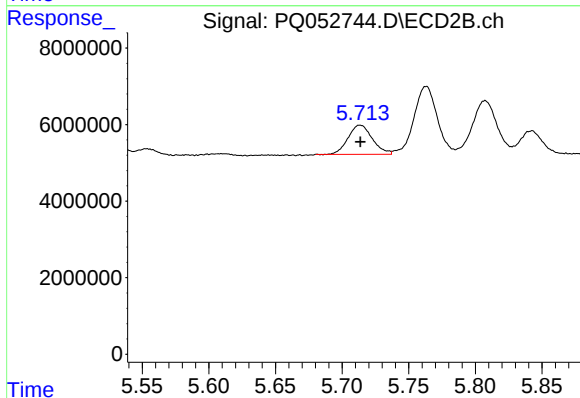
R.T.: 5.520 min
Delta R.T.: -0.001 min
Response: 26430252
Conc: 113.29 ng/ml



#13 AR-1232-3

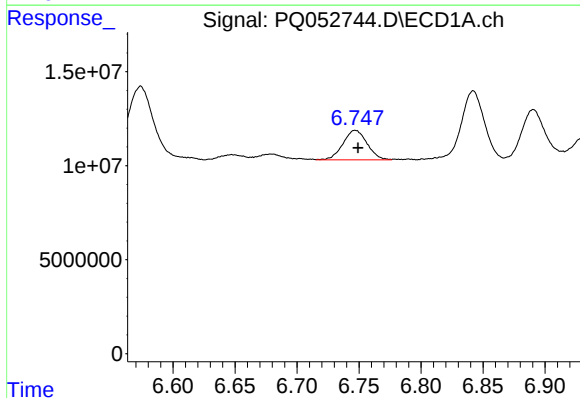
R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 69075704
Conc: 128.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



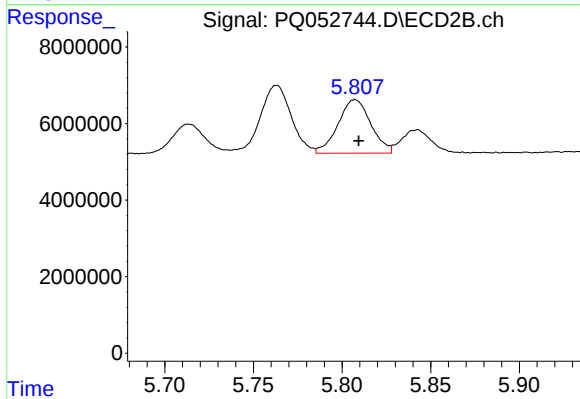
#13 AR-1232-3

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 9688482
Conc: 82.79 ng/ml



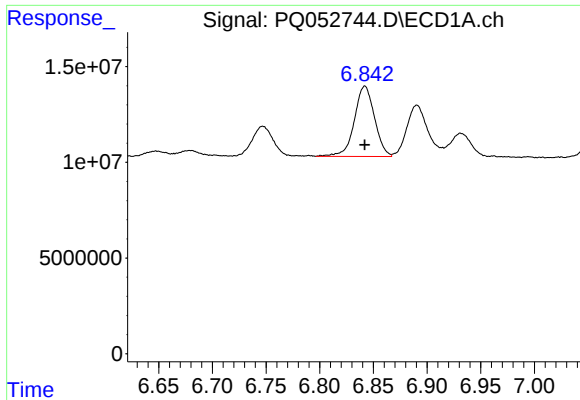
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 21408324
Conc: 79.89 ng/ml



#14 AR-1232-4

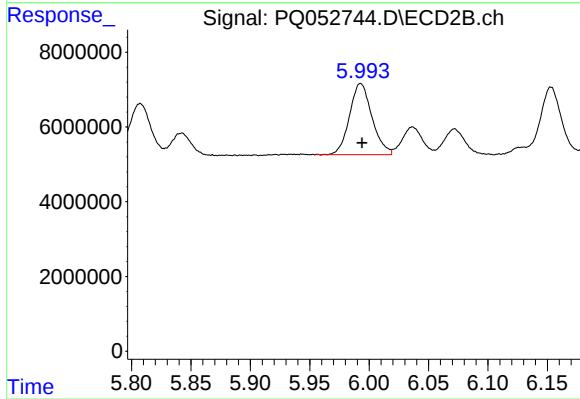
R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 18007581
Conc: 181.23 ng/ml



#15 AR-1232-5

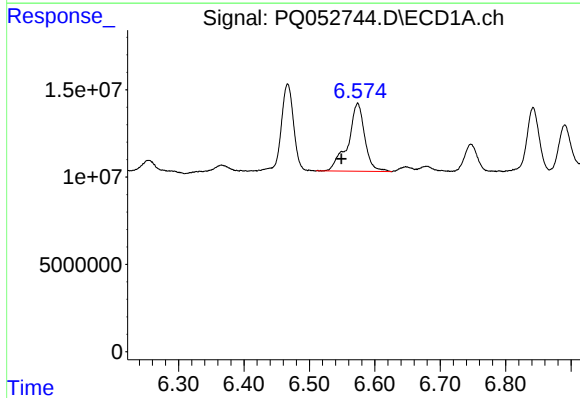
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 48096195
Conc: 244.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



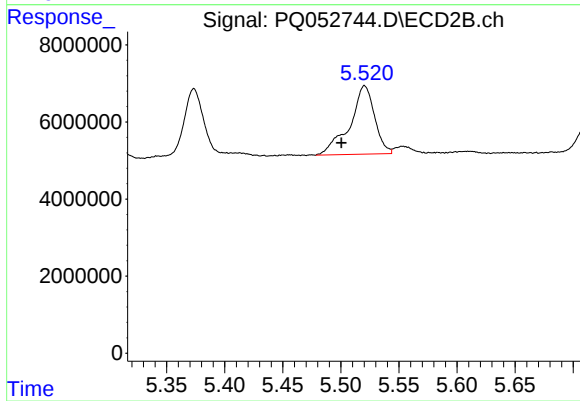
#15 AR-1232-5

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 25034475
Conc: 226.70 ng/ml



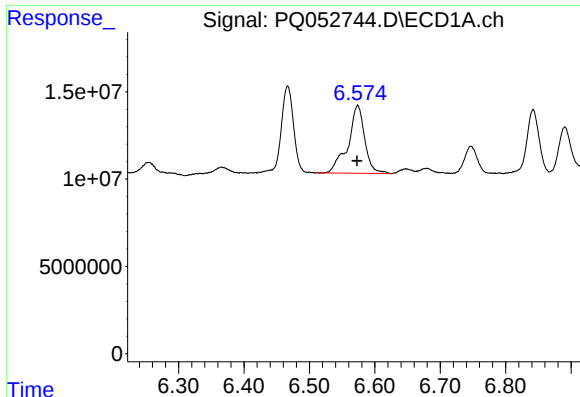
#16 AR-1242-1

R.T.: 6.574 min
Delta R.T.: 0.025 min
Response: 69075704
Conc: 86.66 ng/ml



#16 AR-1242-1

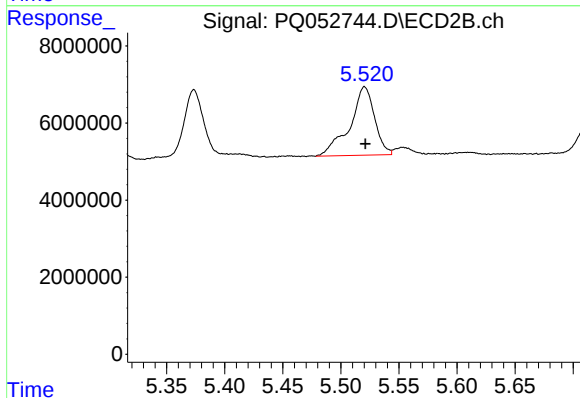
R.T.: 5.520 min
Delta R.T.: 0.020 min
Response: 26430252
Conc: 74.83 ng/ml



#17 AR-1242-2

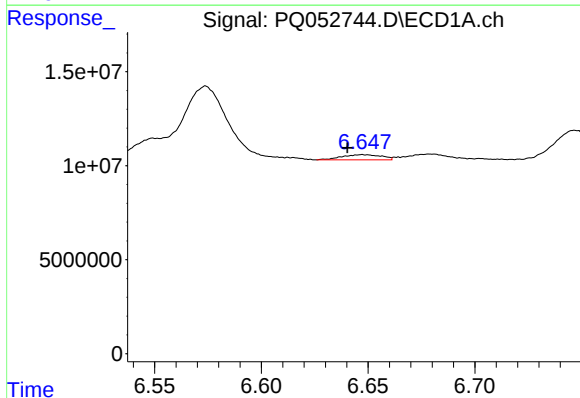
R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 69075704
Conc: 58.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



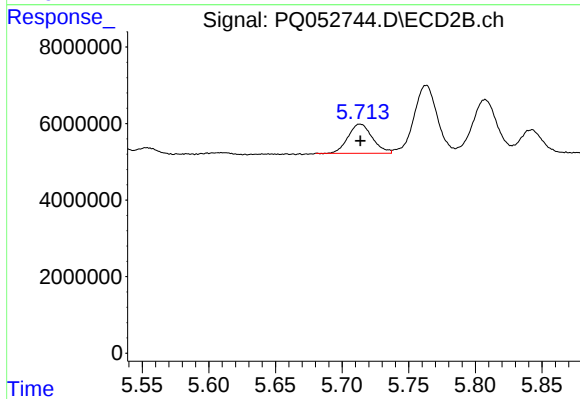
#17 AR-1242-2

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 26430252
Conc: 52.75 ng/ml



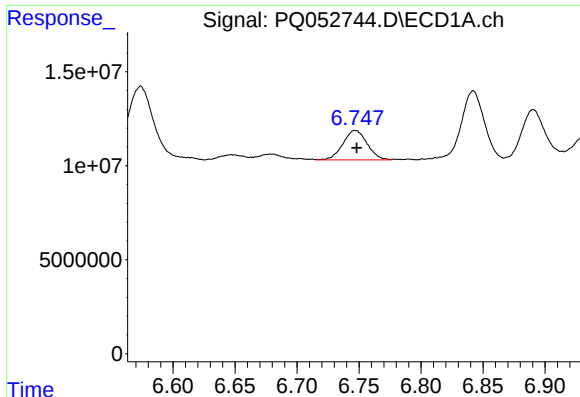
#18 AR-1242-3

R.T.: 6.647 min
Delta R.T.: 0.007 min
Response: 3572824
Conc: 5.06 ng/ml



#18 AR-1242-3

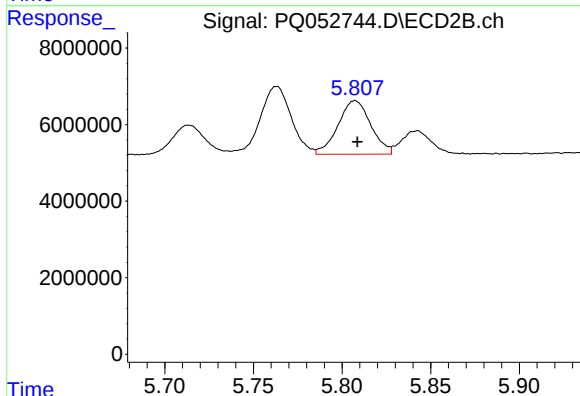
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 9688482
Conc: 37.28 ng/ml



#19 AR-1242-4

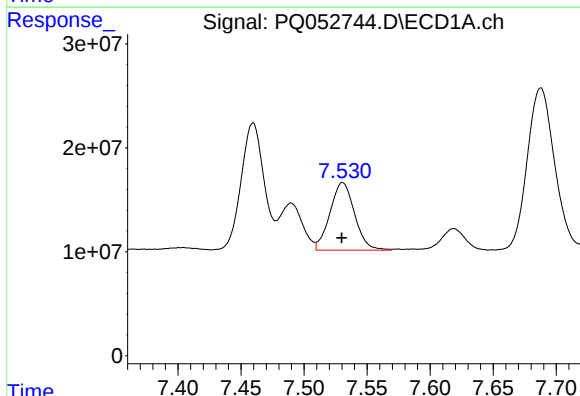
R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 21408324
Conc: 36.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



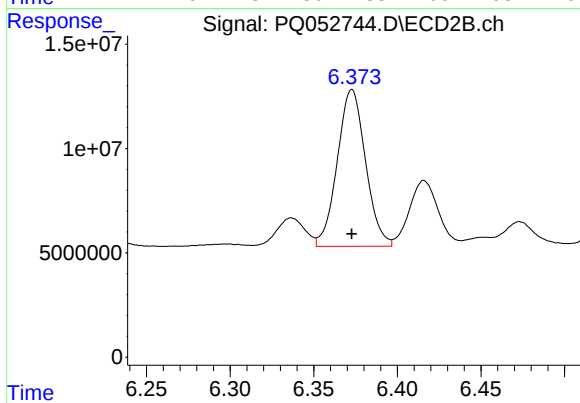
#19 AR-1242-4

R.T.: 5.807 min
Delta R.T.: -0.001 min
Response: 18007581
Conc: 73.34 ng/ml



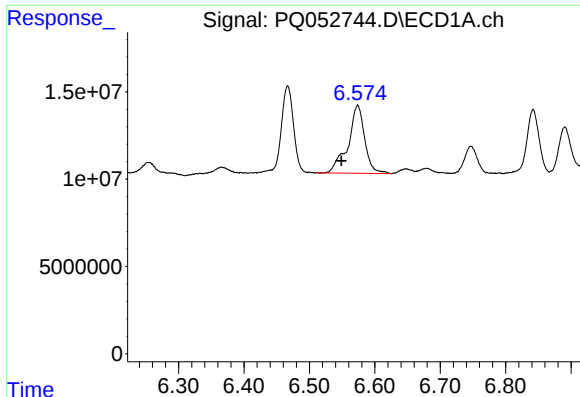
#20 AR-1242-5

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 88517667
Conc: 132.12 ng/ml



#20 AR-1242-5

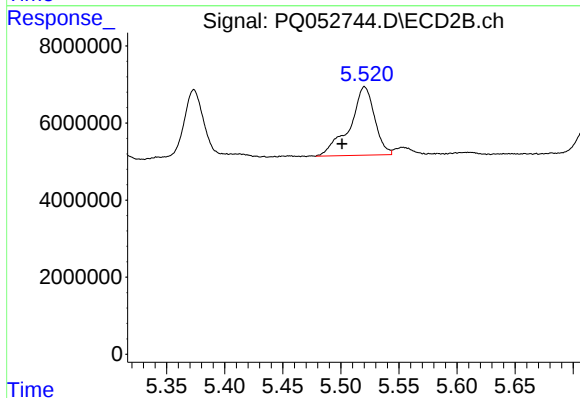
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 88296516
Conc: 254.14 ng/ml



#21 AR-1248-1

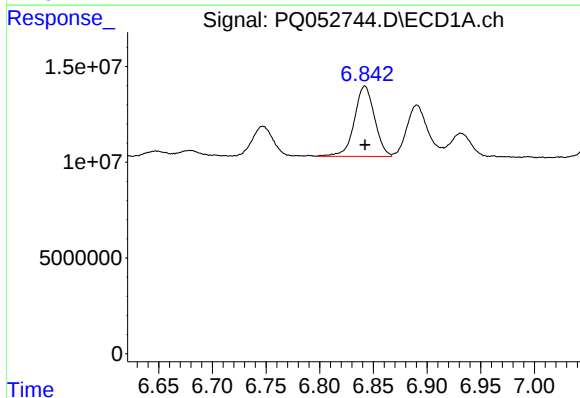
R.T.: 6.574 min
Delta R.T.: 0.025 min
Response: 69075704
Conc: 125.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



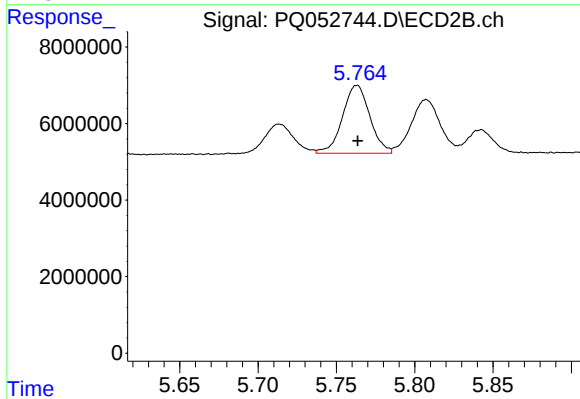
#21 AR-1248-1

R.T.: 5.520 min
Delta R.T.: 0.019 min
Response: 26430252
Conc: 108.09 ng/ml



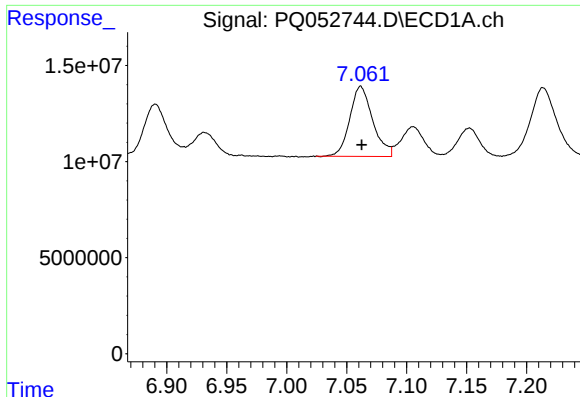
#22 AR-1248-2

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 48096195
Conc: 61.75 ng/ml



#22 AR-1248-2

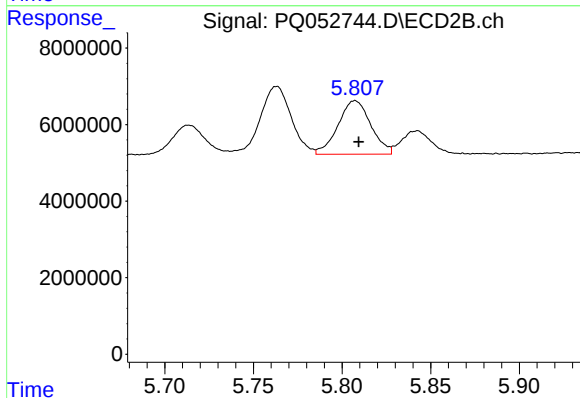
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 21565559
Conc: 64.99 ng/ml



#23 AR-1248-3

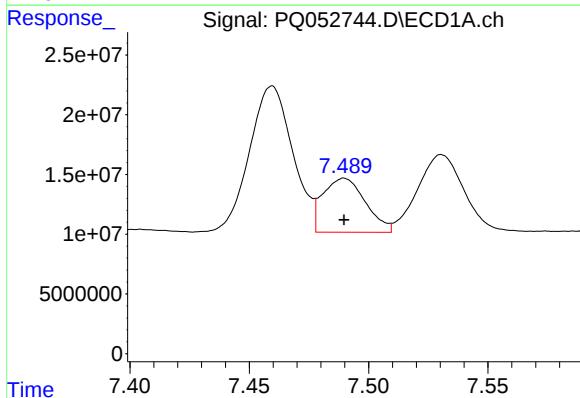
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 48753394
Conc: 54.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



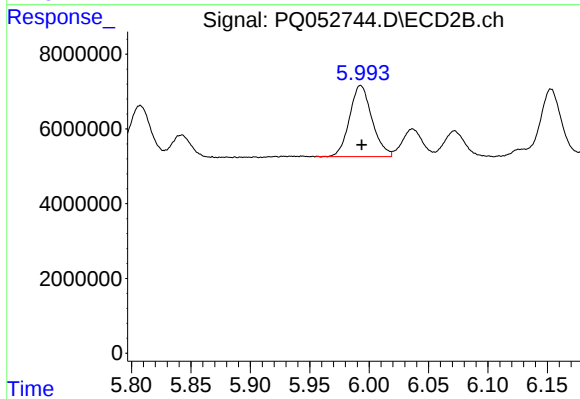
#23 AR-1248-3

R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 18007581
Conc: 52.42 ng/ml



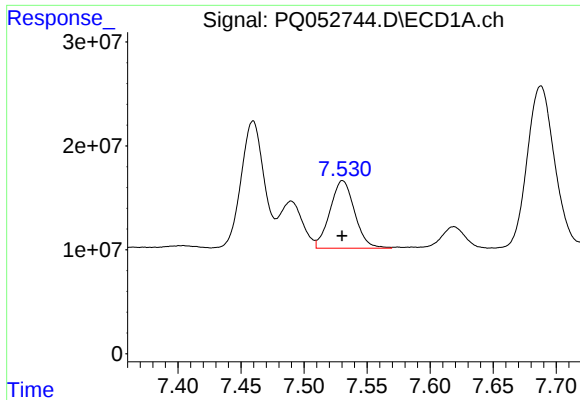
#24 AR-1248-4

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 56055916
Conc: 52.40 ng/ml



#24 AR-1248-4

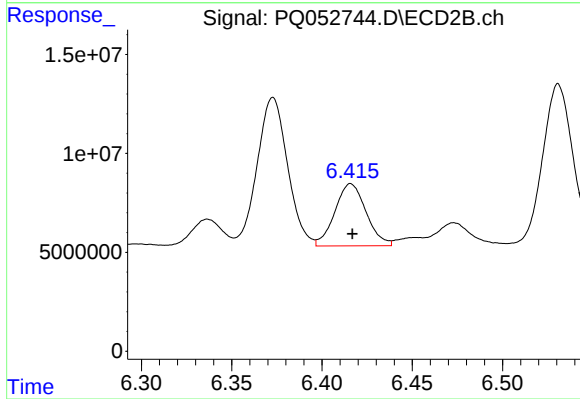
R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 25034475
Conc: 60.42 ng/ml



#25 AR-1248-5

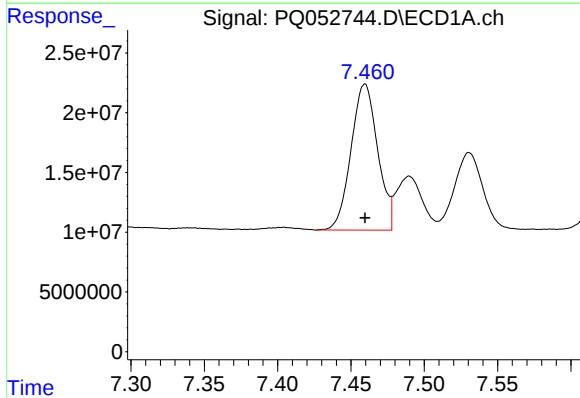
R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 88517667
Conc: 83.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



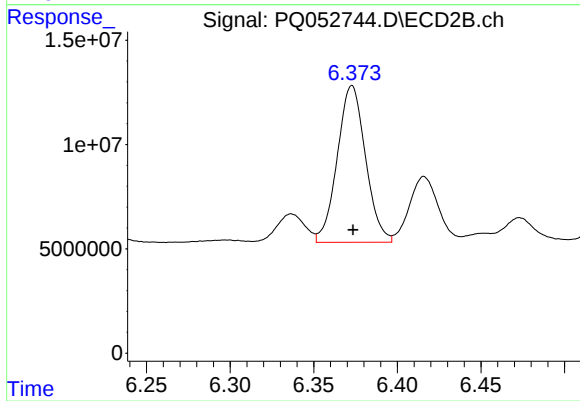
#25 AR-1248-5

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 37838252
Conc: 84.80 ng/ml



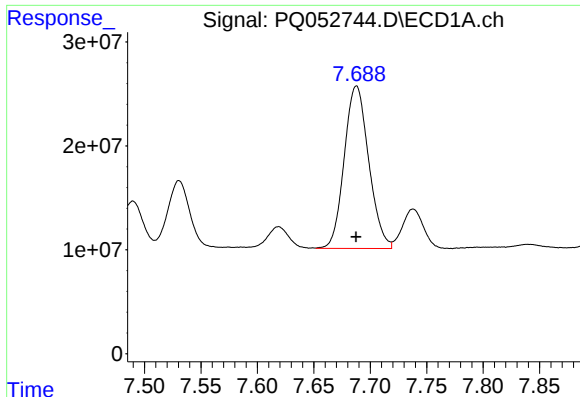
#26 AR-1254-1

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 154594542
Conc: 113.77 ng/ml



#26 AR-1254-1

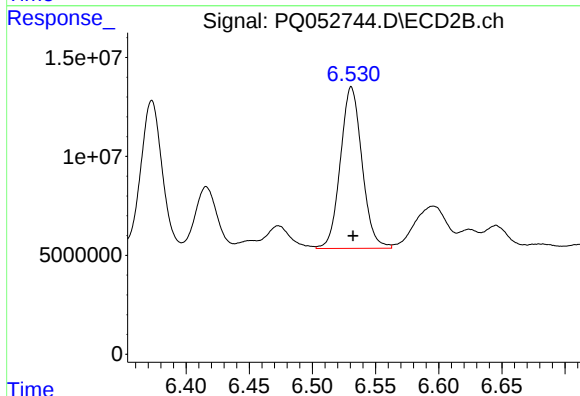
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 88296516
Conc: 98.46 ng/ml



#27 AR-1254-2

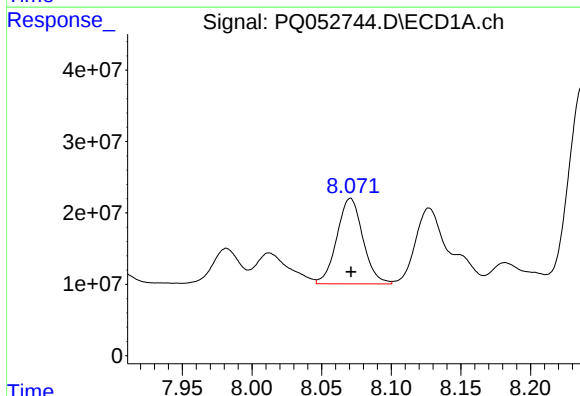
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 236227022
Conc: 110.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



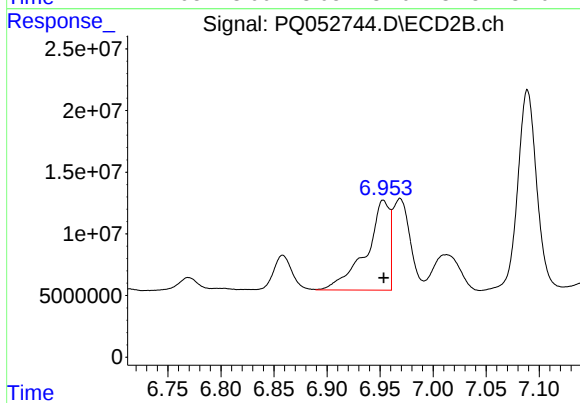
#27 AR-1254-2

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 97276180
Conc: 122.80 ng/ml



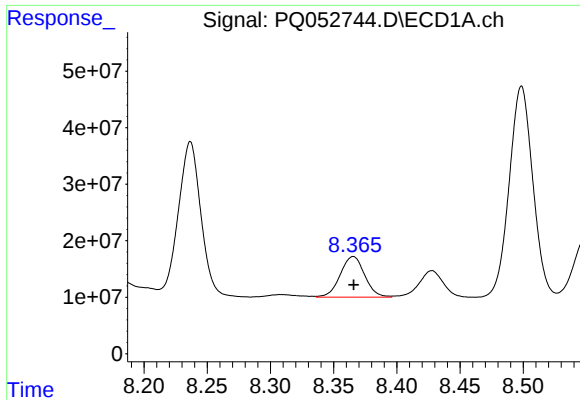
#28 AR-1254-3

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 156166364
Conc: 66.63 ng/ml



#28 AR-1254-3

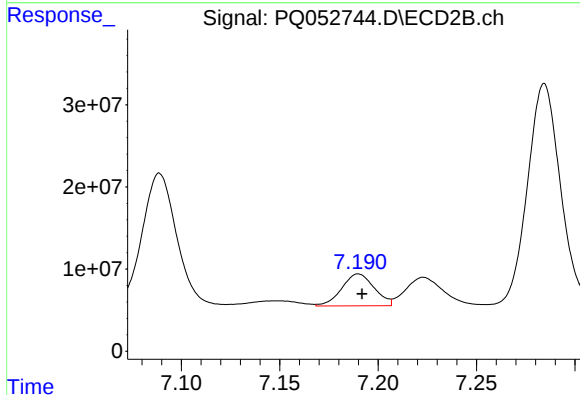
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 112178255
Conc: 86.49 ng/ml



#29 AR-1254-4

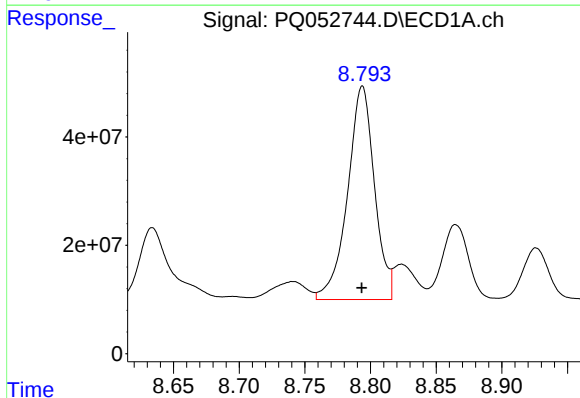
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 97034754
Conc: 56.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



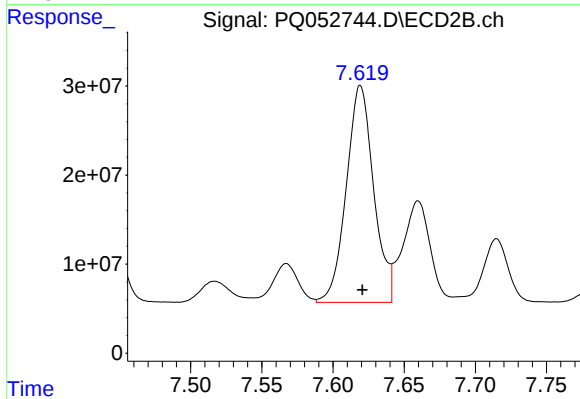
#29 AR-1254-4

R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 44612064
Conc: 50.13 ng/ml



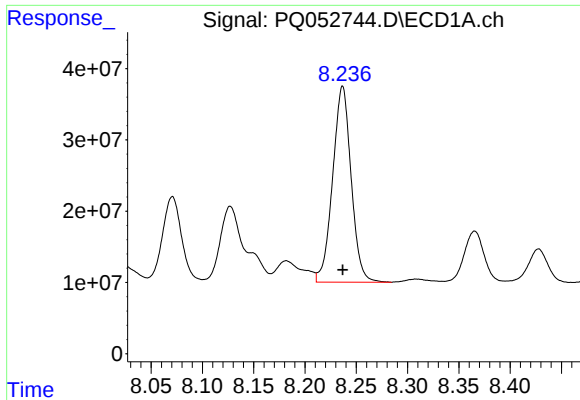
#30 AR-1254-5

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 562054534
Conc: 306.36 ng/ml



#30 AR-1254-5

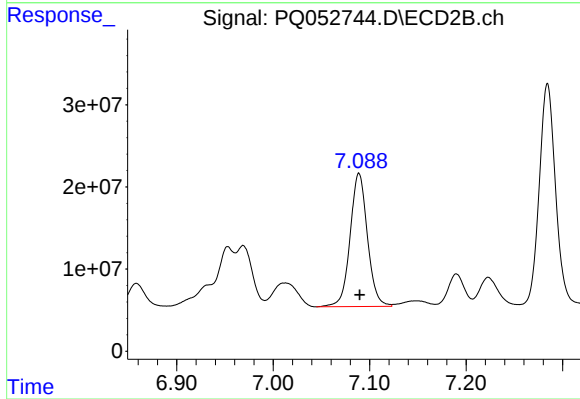
R.T.: 7.619 min
Delta R.T.: -0.001 min
Response: 325739671
Conc: 272.30 ng/ml



#31 AR-1260-1

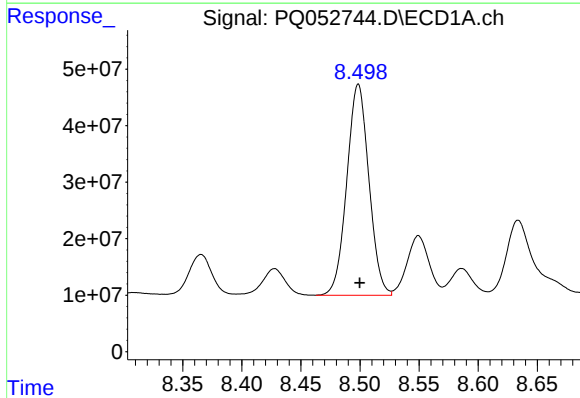
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 345518409
Conc: 320.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



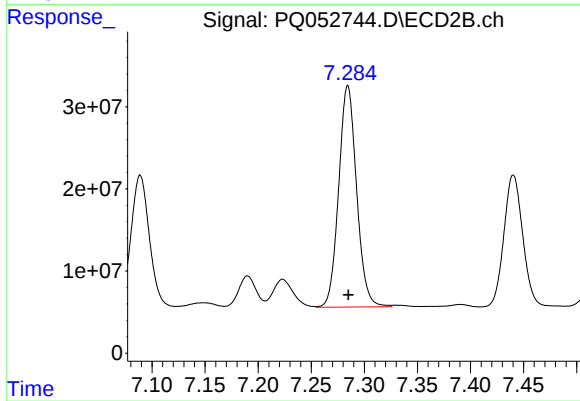
#31 AR-1260-1

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 202434829
Conc: 350.17 ng/ml



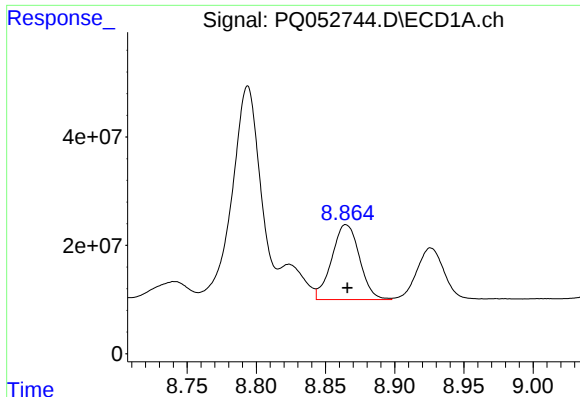
#32 AR-1260-2

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 485818843
Conc: 369.71 ng/ml



#32 AR-1260-2

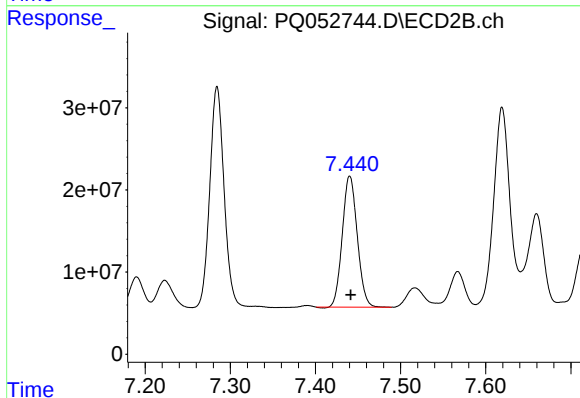
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 316616031
Conc: 396.95 ng/ml



#33 AR-1260-3

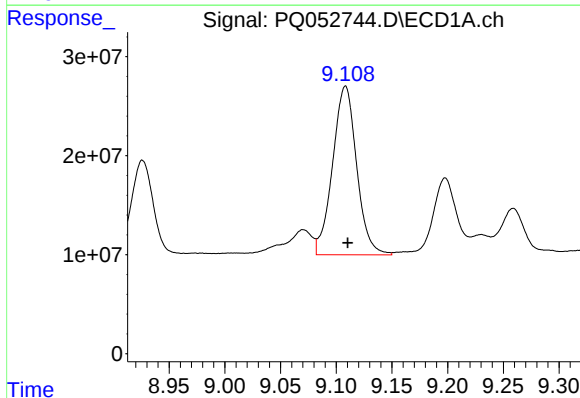
R.T.: 8.865 min
Delta R.T.: -0.001 min
Response: 193558143
Conc: 192.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



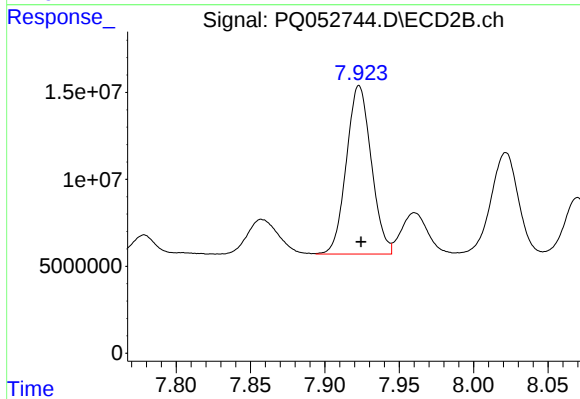
#33 AR-1260-3

R.T.: 7.440 min
Delta R.T.: -0.001 min
Response: 194526676
Conc: 295.14 ng/ml



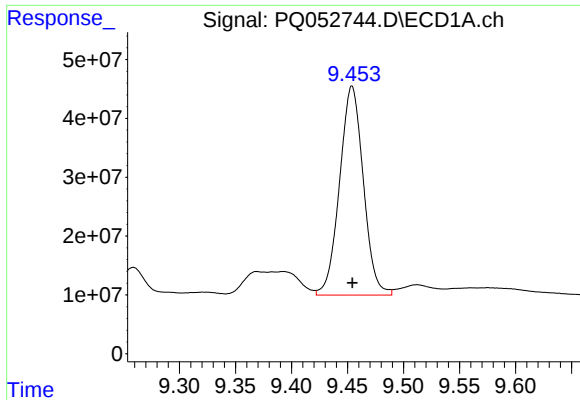
#34 AR-1260-4

R.T.: 9.108 min
Delta R.T.: -0.002 min
Response: 256453275
Conc: 224.41 ng/ml



#34 AR-1260-4

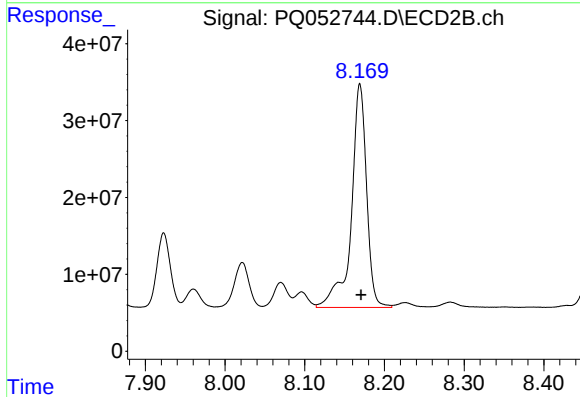
R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 113021413
Conc: 200.42 ng/ml



#35 AR-1260-5

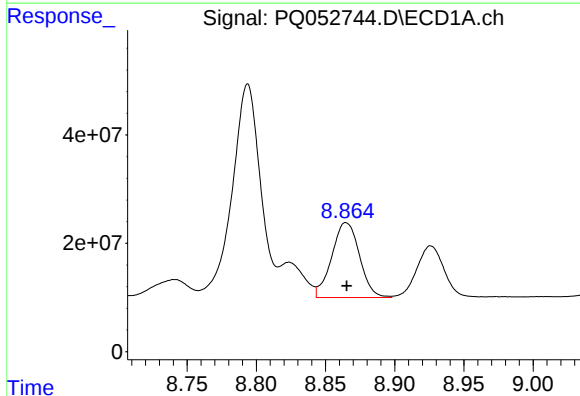
R.T.: 9.454 min
Delta R.T.: 0.000 min
Response: 523125361
Conc: 219.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



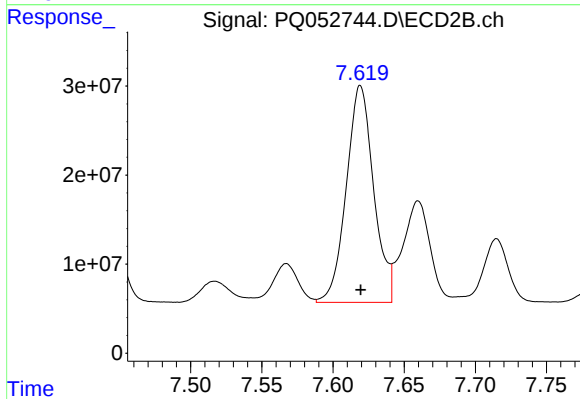
#35 AR-1260-5

R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 387771470
Conc: 253.39 ng/ml



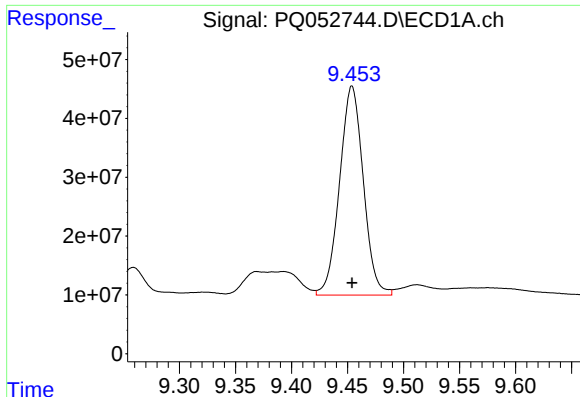
#36 AR-1262-1

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 193558143
Conc: 106.63 ng/ml



#36 AR-1262-1

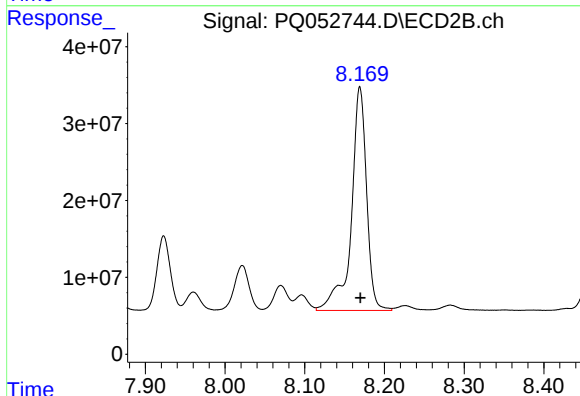
R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 325739671
Conc: 646.74 ng/ml



#37 AR-1262-2

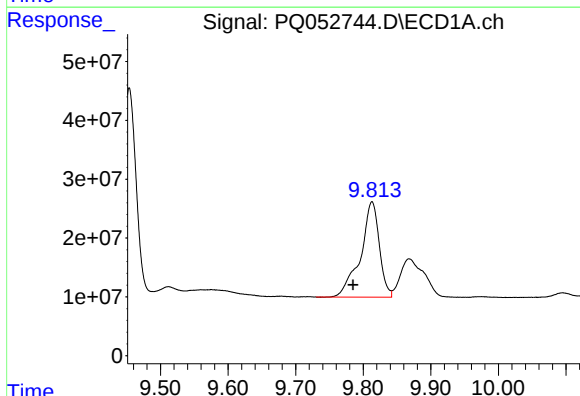
R.T.: 9.454 min
Delta R.T.: 0.000 min
Response: 523125361
Conc: 156.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



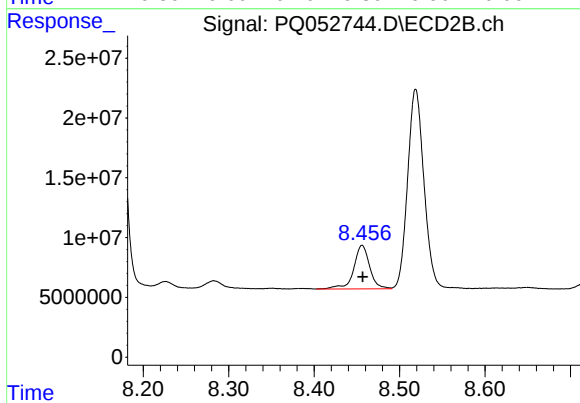
#37 AR-1262-2

R.T.: 8.169 min
Delta R.T.: 0.000 min
Response: 387771470
Conc: 186.40 ng/ml



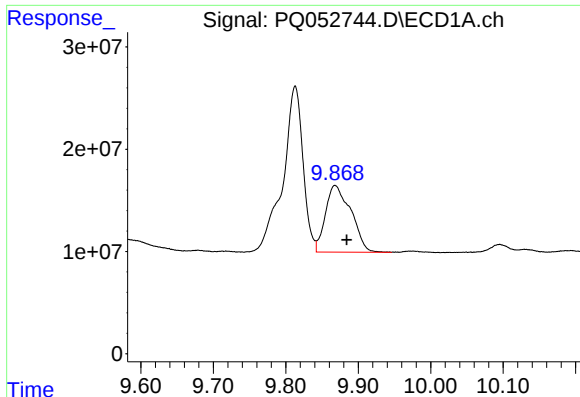
#38 AR-1262-3

R.T.: 9.813 min
Delta R.T.: 0.028 min
Response: 313729866
Conc: 141.39 ng/ml



#38 AR-1262-3

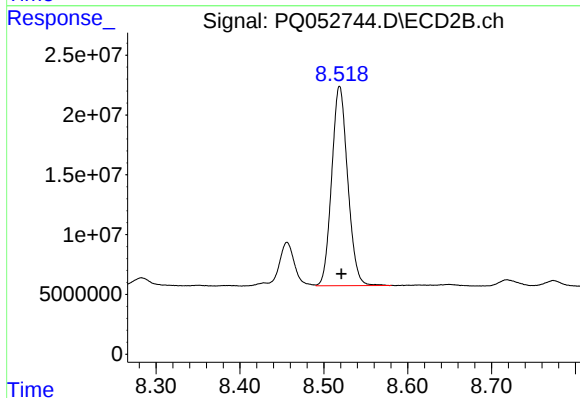
R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 46939655
Conc: 58.07 ng/ml



#39 AR-1262-4

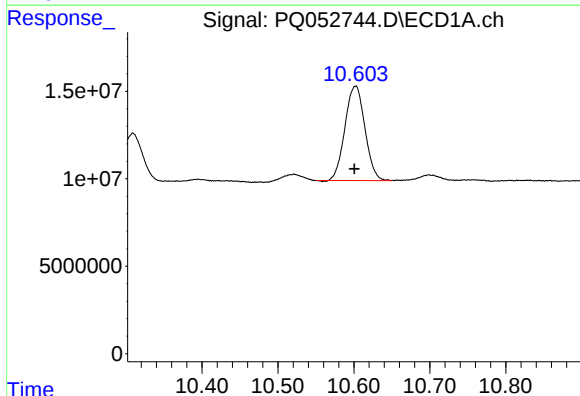
R.T.: 9.868 min
Delta R.T.: -0.016 min
Response: 159757148
Conc: 91.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



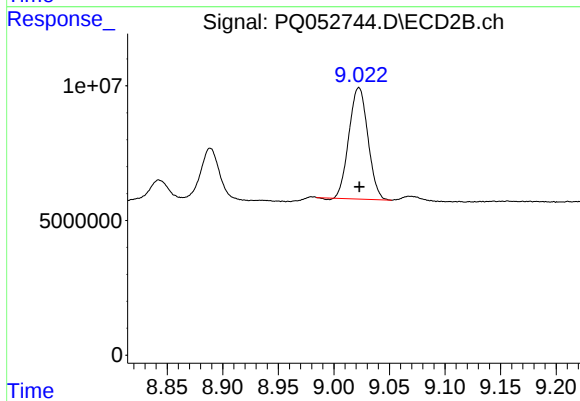
#39 AR-1262-4

R.T.: 8.519 min
Delta R.T.: -0.002 min
Response: 220812371
Conc: 158.42 ng/ml



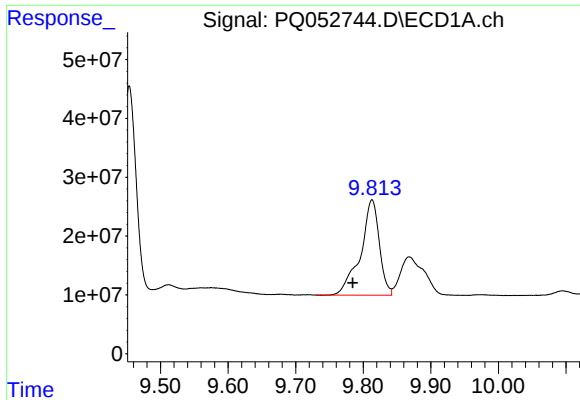
#40 AR-1262-5

R.T.: 10.602 min
Delta R.T.: 0.002 min
Response: 98527357
Conc: 81.15 ng/ml



#40 AR-1262-5

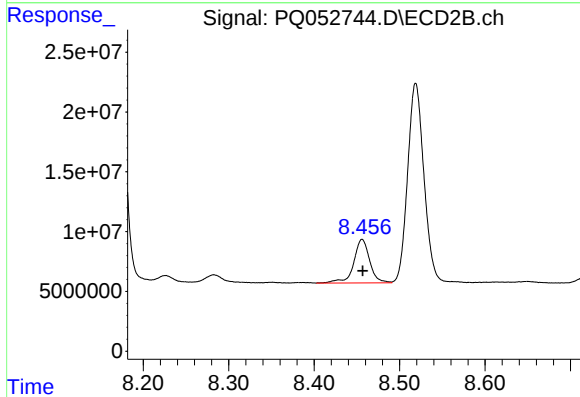
R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 49084393
Conc: 80.02 ng/ml



#41 AR-1268-1

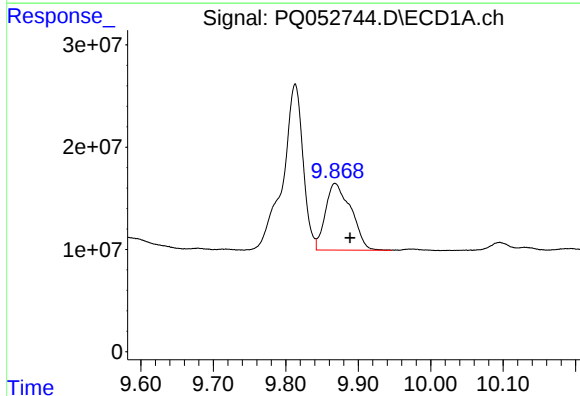
R.T.: 9.813 min
Delta R.T.: 0.029 min
Response: 313729866
Conc: 79.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



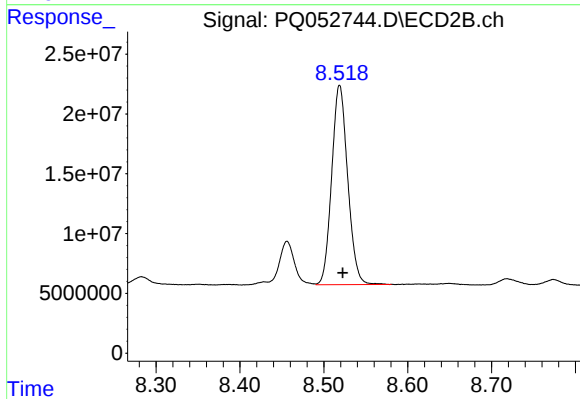
#41 AR-1268-1

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 46939655
Conc: 19.79 ng/ml



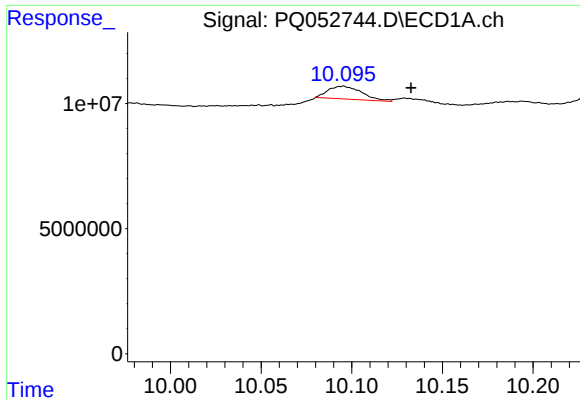
#42 AR-1268-2

R.T.: 9.868 min
Delta R.T.: -0.021 min
Response: 159757148
Conc: 43.10 ng/ml



#42 AR-1268-2

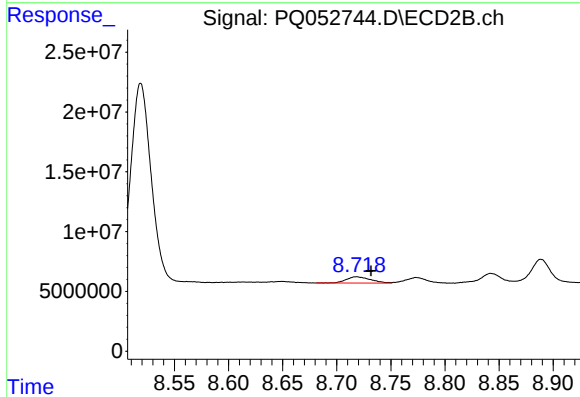
R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 220812371
Conc: 108.62 ng/ml



#43 AR-1268-3

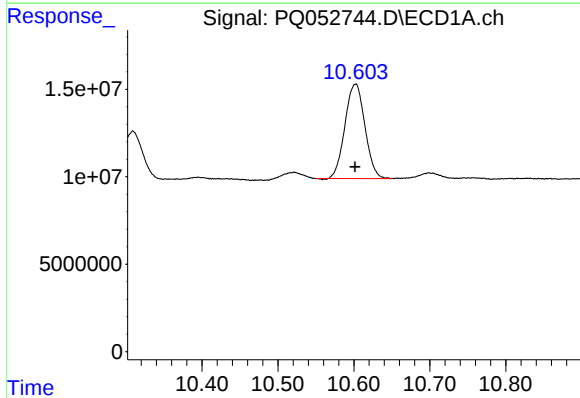
R.T.: 10.095 min
Delta R.T.: -0.038 min
Response: 6627368
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



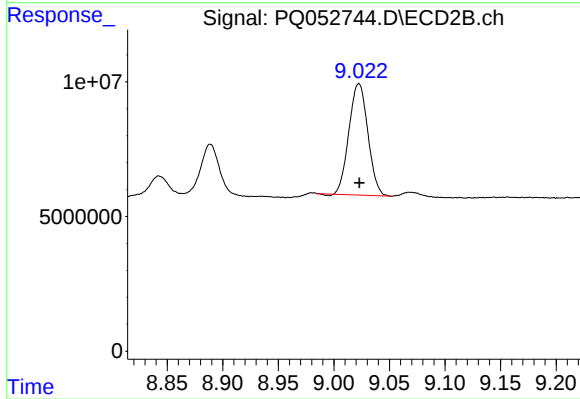
#43 AR-1268-3

R.T.: 8.718 min
Delta R.T.: -0.013 min
Response: 8148586
Conc: 4.58 ng/ml



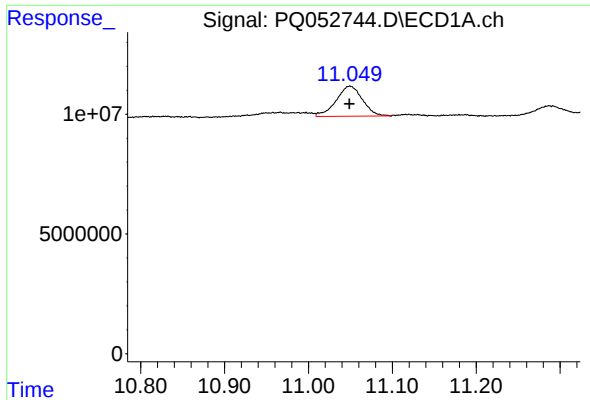
#44 AR-1268-4

R.T.: 10.602 min
Delta R.T.: 0.001 min
Response: 98527357
Conc: 76.40 ng/ml



#44 AR-1268-4

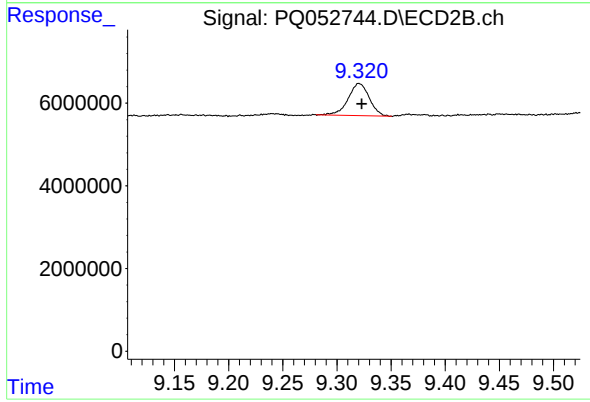
R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 49084393
Conc: 74.08 ng/ml



#45 AR-1268-5

R.T.: 11.049 min
Delta R.T.: 0.000 min
Response: 27413308
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: -0.002 min
Response: 10568398
Conc: 2.19 ng/ml