

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092723\
 Data File : PP060302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 14:58
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 16:43:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.532	3.684	112.5E6	80817939	50.256	54.295
2)	SA Decachlor...	10.457	8.750	87668434	81484604	49.656	49.954
Target Compounds							
3)	L1 AR-1016-1	5.719	4.783	1133777	832795	15.404	14.331
4)	L1 AR-1016-2	5.744	4.803	1380865	646042	13.185	8.025 #
5)	L1 AR-1016-3	5.806	4.981	603293	509150	9.231	11.392
6)	L1 AR-1016-4	5.903	5.023	601174	19405269	11.055	539.279 #
7)	L1 AR-1016-5	6.204	5.238	14480343	12211582	260.332	251.319
8)	L2 AR-1221-1	0.000	3.900	0	38959	N.D.	1.865 #
9)	L2 AR-1221-2	4.843	3.989	1737216	1213268	81.311	81.368
10)	L2 AR-1221-3	4.908	4.065	371417	251074	6.116	5.716
11)	L3 AR-1232-1	4.908f	4.065	371417	251074	7.378	6.900
12)	L3 AR-1232-2	5.448f	4.803	480336	646042	17.542	17.715
13)	L3 AR-1232-3	5.744f	4.981	1380865	509150	29.749	25.438
14)	L3 AR-1232-4	5.903f	5.064	601174	6056777	24.458	324.512 #
15)	L3 AR-1232-5	5.997f	5.238	24034960	12211582	1159.895	587.113 #
16)	L4 AR-1242-1	5.719	4.783	1133777	832795	17.741	16.450
17)	L4 AR-1242-2	5.744	4.803	1380865	646042	15.250	9.303 #
18)	L4 AR-1242-3	5.806	4.981	603293	509150	10.716	13.221
19)	L4 AR-1242-4	5.903	5.064	601174	6056777	12.871	153.792 #
20)	L4 AR-1242-5	6.655	5.593	13302351	48000265	264.482	981.256 #
21)	L5 AR-1248-1	5.719	4.783	1133777	832795	24.370	22.820
22)	L5 AR-1248-2	5.997	5.023	24034960	19405269	346.649	371.237
23)	L5 AR-1248-3	6.204	5.064	14480343	6056777	190.657	109.083 #
24)	L5 AR-1248-4	6.612	5.238	19860436	12211582	240.133	185.510
25)	L5 AR-1248-5	6.655	5.634	13302351	5673482	165.282	88.204 #
26)	L6 AR-1254-1	6.586	5.593	40745729	48000265	477.450	485.249
27)	L6 AR-1254-2	6.807	5.742	60611714	41619581	474.915	484.270
28)	L6 AR-1254-3	7.177	6.149	63164499	69274763	475.220	483.335
29)	L6 AR-1254-4	7.465	6.378	46687154	41986144	474.757	481.697
30)	L6 AR-1254-5	7.889	6.799	51684648	60752492	477.046	479.422
31)	L7 AR-1260-1	7.344	6.280	27934437	33723998	266.487	335.979 #
32)	L7 AR-1260-2	7.601	6.468	30646400	26453473	253.473	221.731
33)	L7 AR-1260-3	7.949	6.623	8654604	27880942	93.371	243.513 #
34)	L7 AR-1260-4	8.182	7.099	22253312	3077673	209.836	32.335 #
35)	L7 AR-1260-5	8.530	7.340	7536335	7098215	38.943	32.754
36)	L8 AR-1262-1	7.949	6.890	8654604	1657284	69.384	30.950 #
37)	L8 AR-1262-2	8.530	7.099	7536335	3077673	35.976	26.093 #
38)	L8 AR-1262-3	8.875f	7.626	6531806	253545	43.161	2.750 #
39)	L8 AR-1262-4	8.926f	7.688	1568864	7153992	13.109	42.467 #
40)	L8 AR-1262-5	0.000	8.189	0	307486	N.D.	3.969 #
41)	L9 AR-1268-1	8.875f	7.626	6531806	253545	24.620	0.933 #

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 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

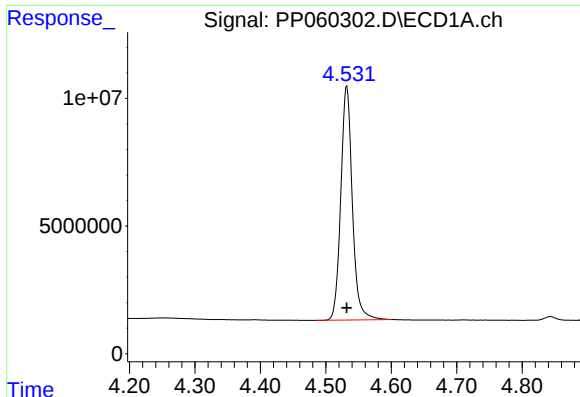
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 16:43:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	0.000	7.688	0	7153992	N.D.	29.335 #
43) L9	AR-1268-3	0.000	7.900	0	431792	N.D.	2.019 #
44) L9	AR-1268-4	0.000	8.189	0	307486	N.D.	3.505 #
45) L9	AR-1268-5	10.093	8.488	781133	980325	1.234	1.568 #

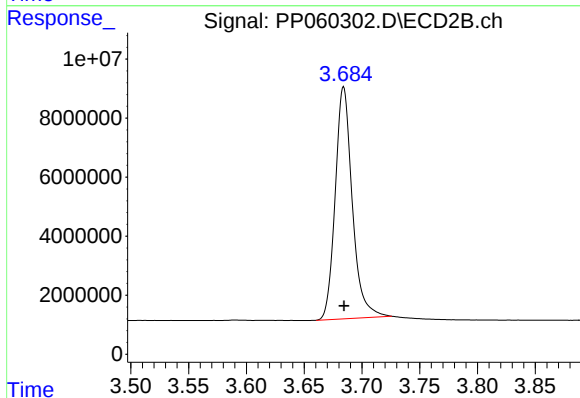
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

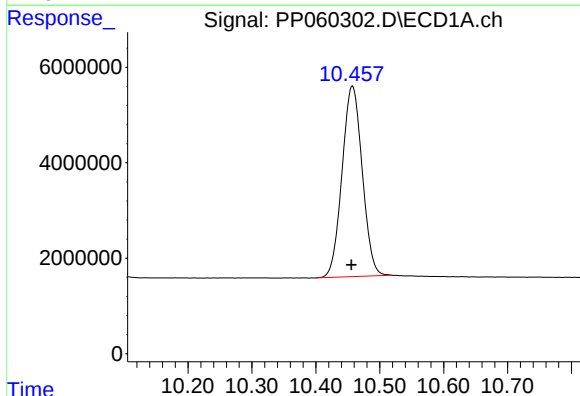
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 112547288
Conc: 50.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



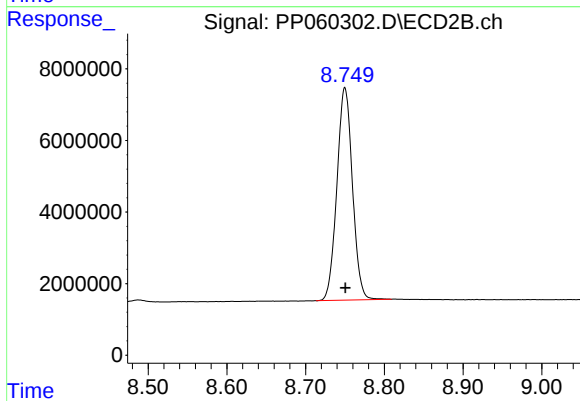
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 80817939
Conc: 54.29 ng/ml



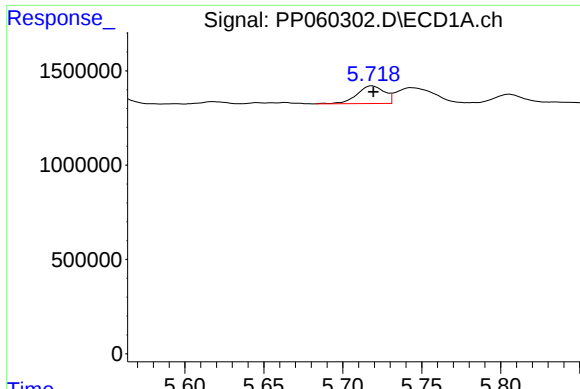
#2 Decachlorobiphenyl

R.T.: 10.457 min
Delta R.T.: 0.002 min
Response: 87668434
Conc: 49.66 ng/ml



#2 Decachlorobiphenyl

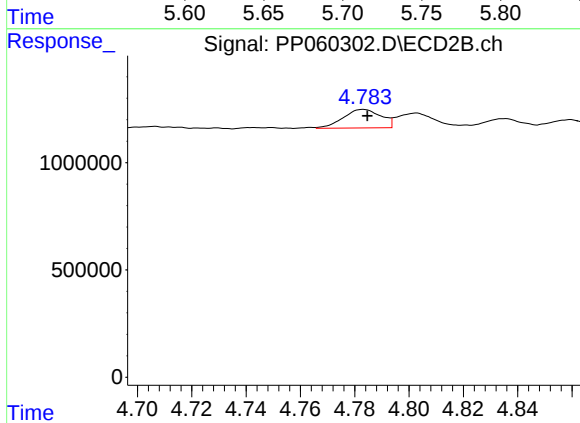
R.T.: 8.750 min
Delta R.T.: 0.000 min
Response: 81484604
Conc: 49.95 ng/ml



#3 AR-1016-1

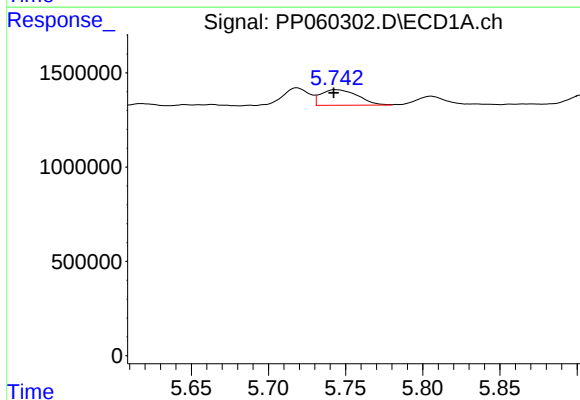
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1133777
Conc: 15.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



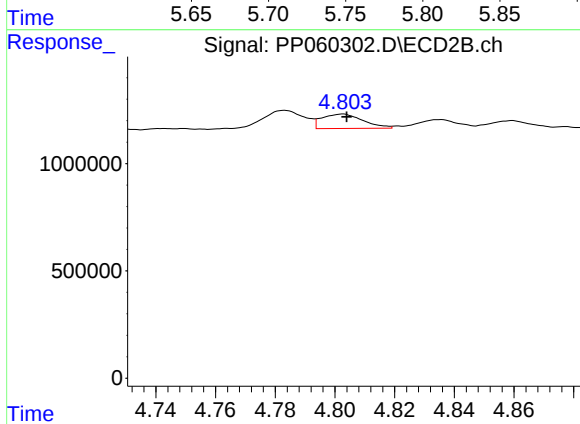
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 832795
Conc: 14.33 ng/ml



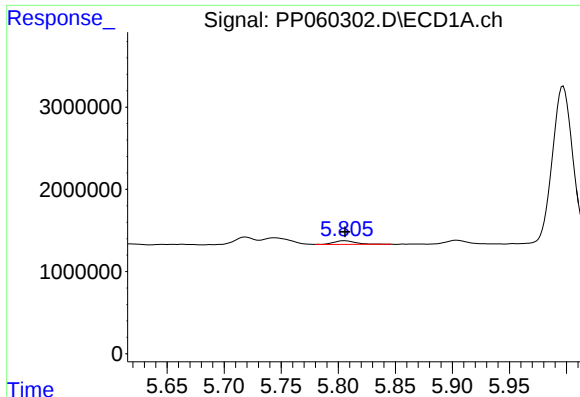
#4 AR-1016-2

R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 1380865
Conc: 13.18 ng/ml



#4 AR-1016-2

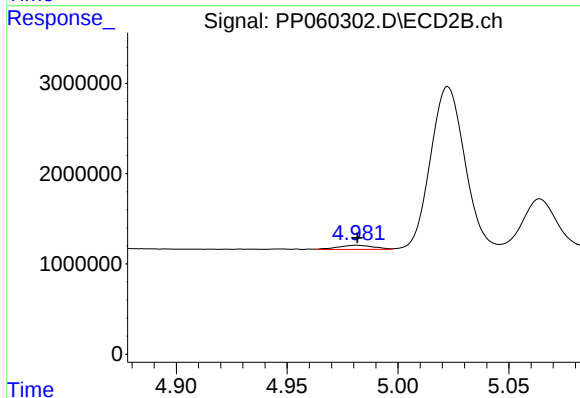
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 646042
Conc: 8.02 ng/ml



#5 AR-1016-3

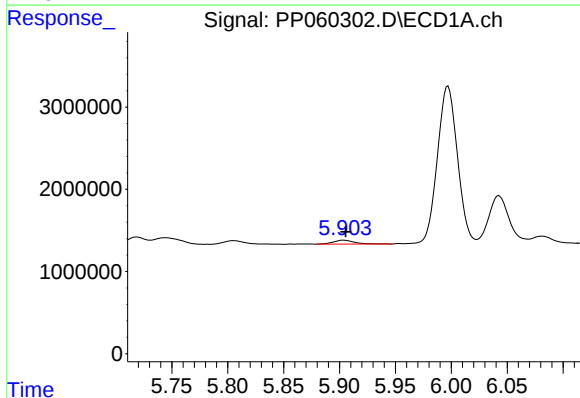
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 603293
Conc: 9.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



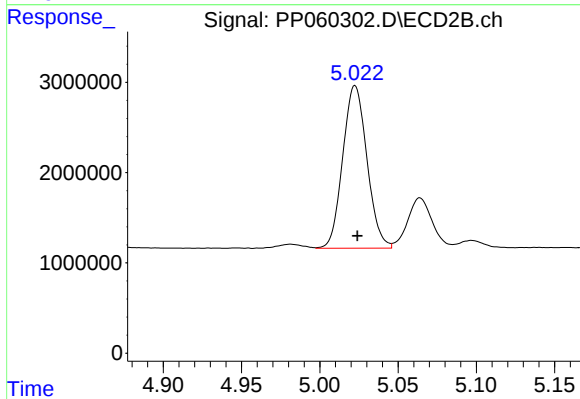
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 509150
Conc: 11.39 ng/ml



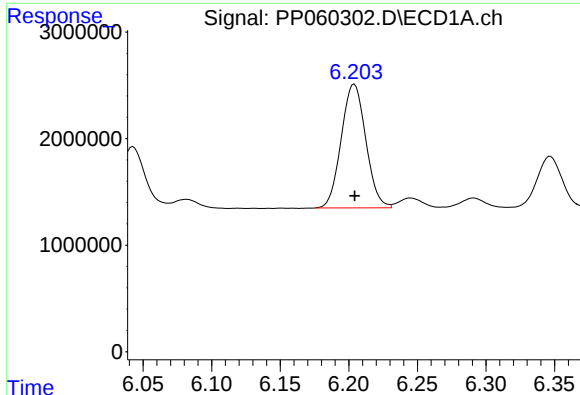
#6 AR-1016-4

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 601174
Conc: 11.06 ng/ml



#6 AR-1016-4

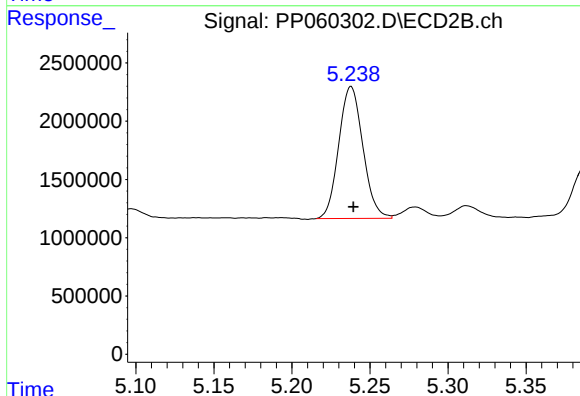
R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 19405269
Conc: 539.28 ng/ml



#7 AR-1016-5

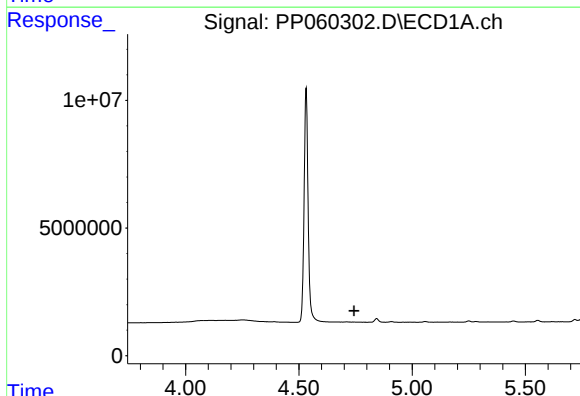
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 14480343
Conc: 260.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



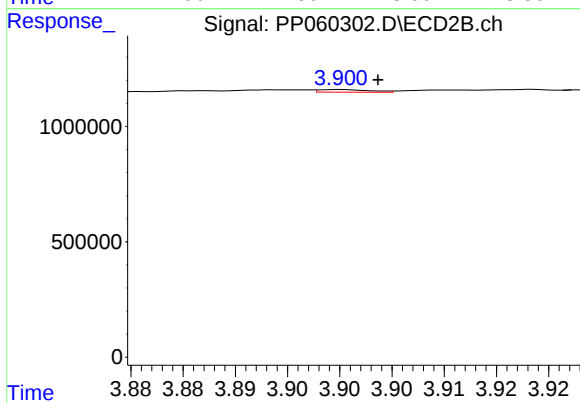
#7 AR-1016-5

R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 12211582
Conc: 251.32 ng/ml



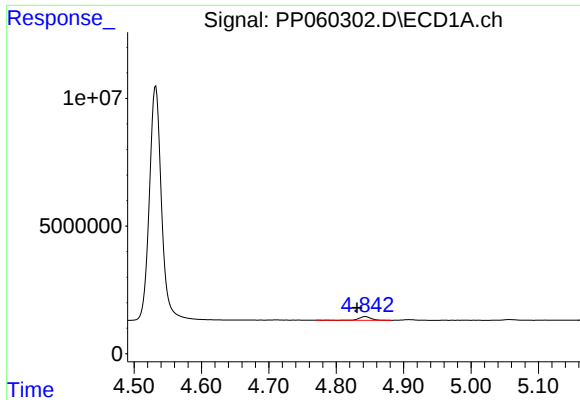
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

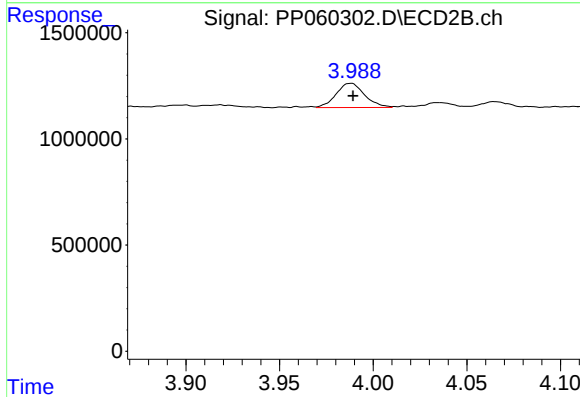
R.T.: 3.900 min
Delta R.T.: -0.003 min
Response: 38959
Conc: 1.86 ng/ml



#9 AR-1221-2

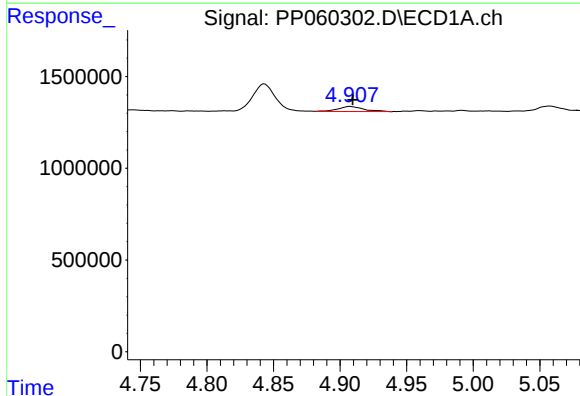
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 1737216
Conc: 81.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



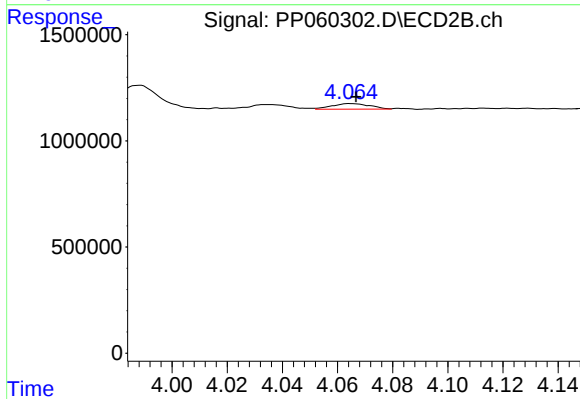
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 1213268
Conc: 81.37 ng/ml



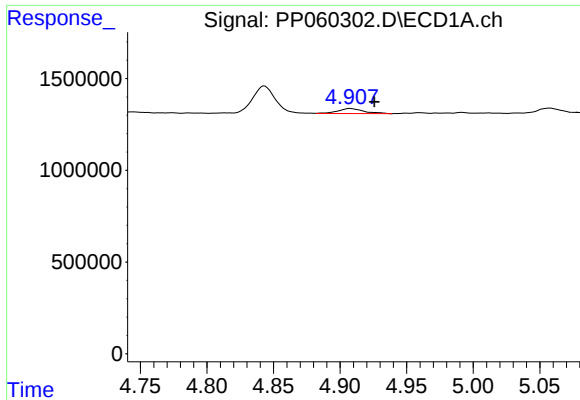
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 371417
Conc: 6.12 ng/ml



#10 AR-1221-3

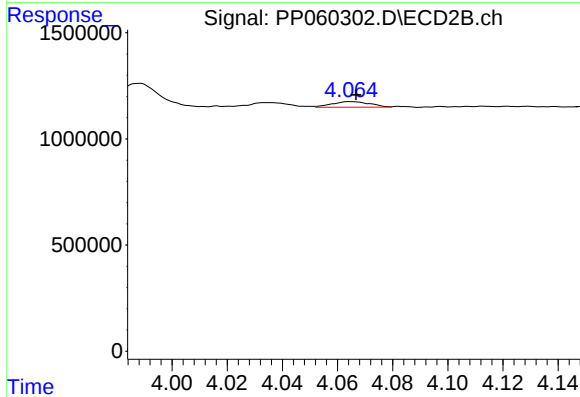
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 251074
Conc: 5.72 ng/ml



#11 AR-1232-1

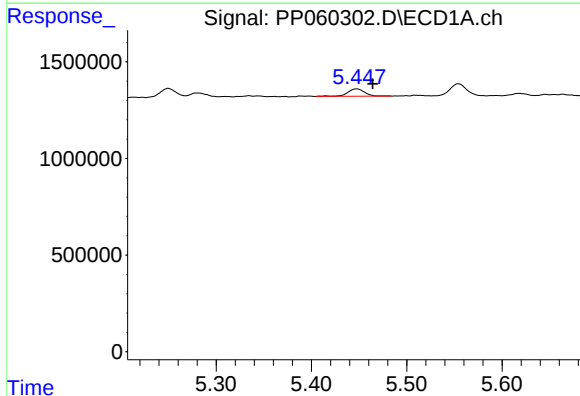
R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 371417
Conc: 7.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



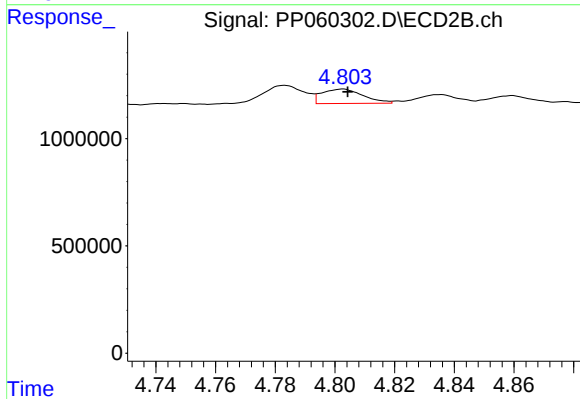
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 251074
Conc: 6.90 ng/ml



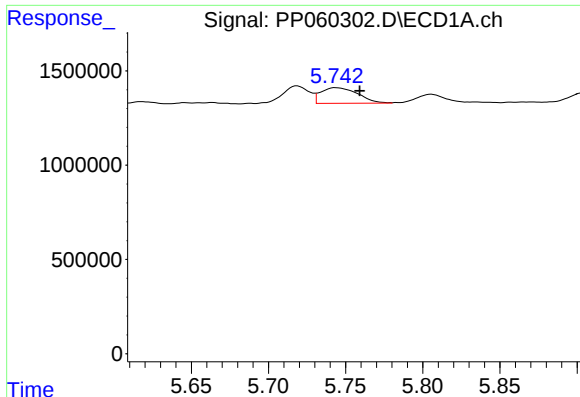
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.017 min
Response: 480336
Conc: 17.54 ng/ml



#12 AR-1232-2

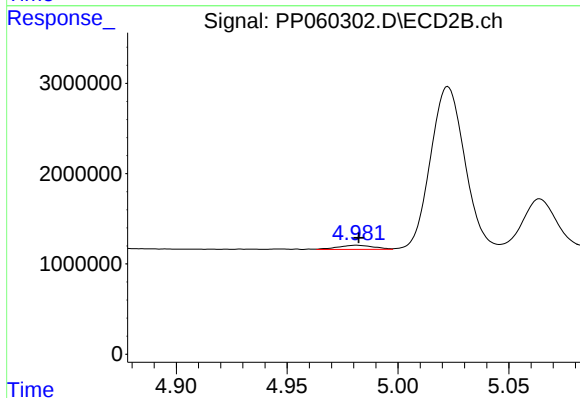
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 646042
Conc: 17.72 ng/ml



#13 AR-1232-3

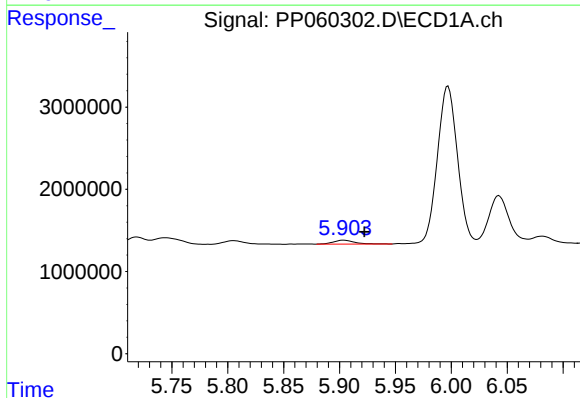
R.T.: 5.744 min
Delta R.T.: -0.016 min
Response: 1380865
Conc: 29.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



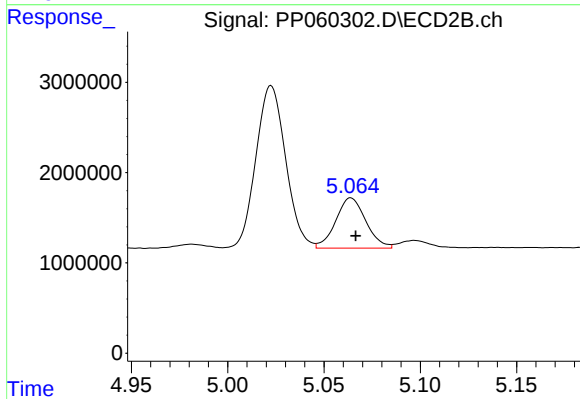
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 509150
Conc: 25.44 ng/ml



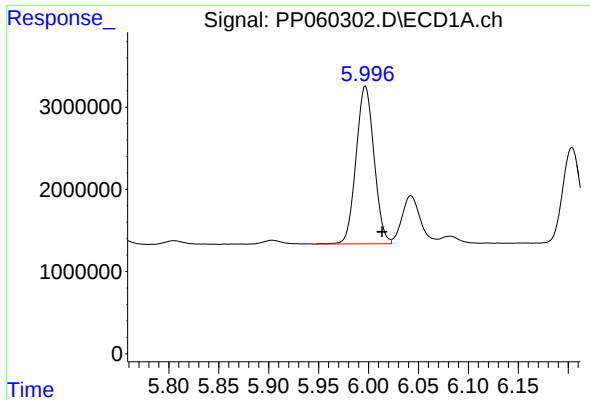
#14 AR-1232-4

R.T.: 5.903 min
Delta R.T.: -0.019 min
Response: 601174
Conc: 24.46 ng/ml



#14 AR-1232-4

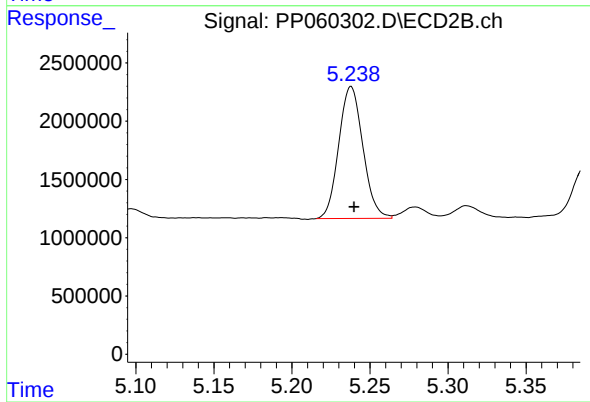
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 6056777
Conc: 324.51 ng/ml



#15 AR-1232-5

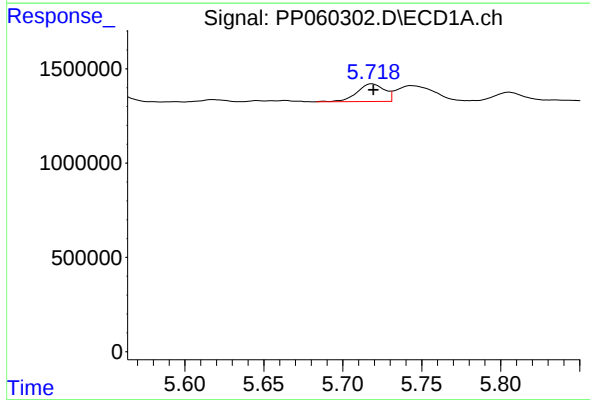
R.T.: 5.997 min
Delta R.T.: -0.016 min
Response: 24034960
Conc: 1159.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



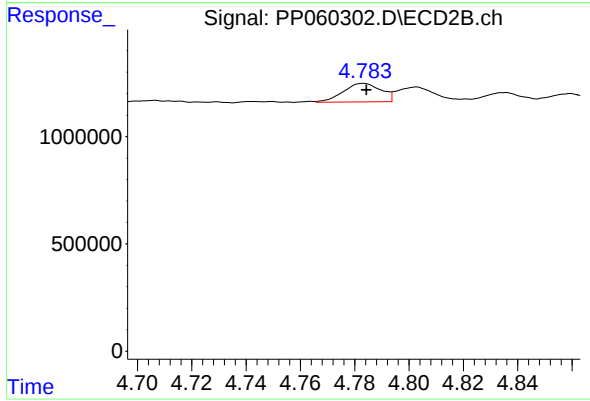
#15 AR-1232-5

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 12211582
Conc: 587.11 ng/ml



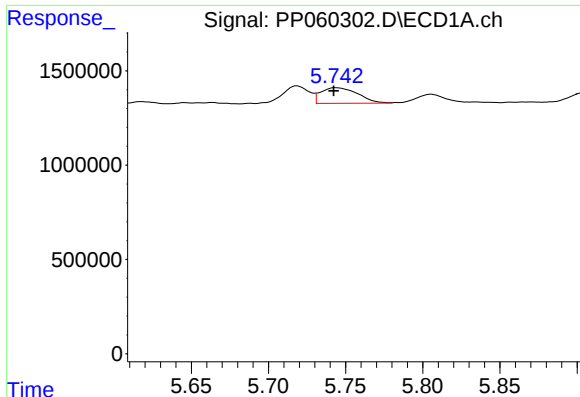
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1133777
Conc: 17.74 ng/ml



#16 AR-1242-1

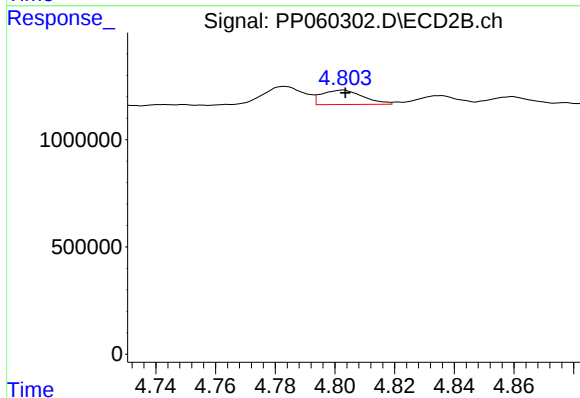
R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 832795
Conc: 16.45 ng/ml



#17 AR-1242-2

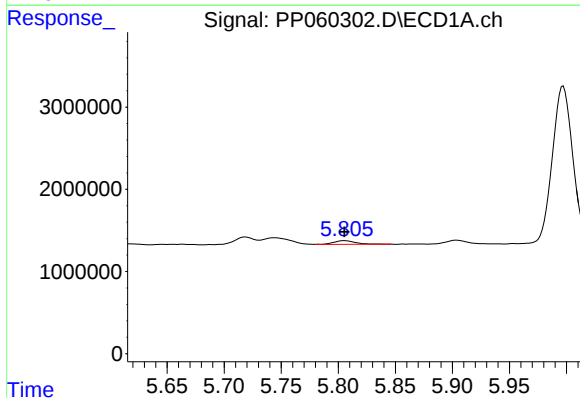
R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 1380865
Conc: 15.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



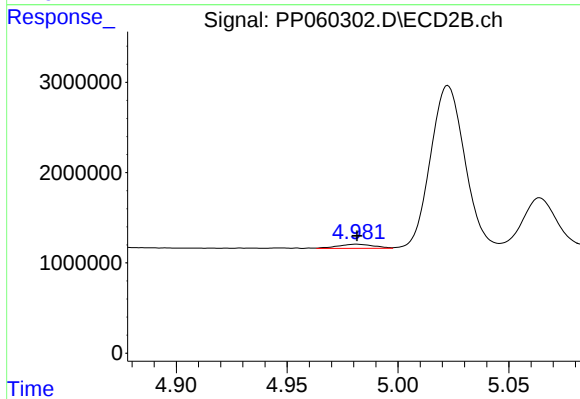
#17 AR-1242-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 646042
Conc: 9.30 ng/ml



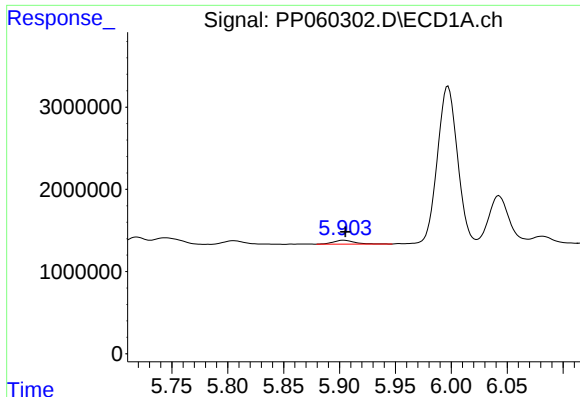
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 603293
Conc: 10.72 ng/ml



#18 AR-1242-3

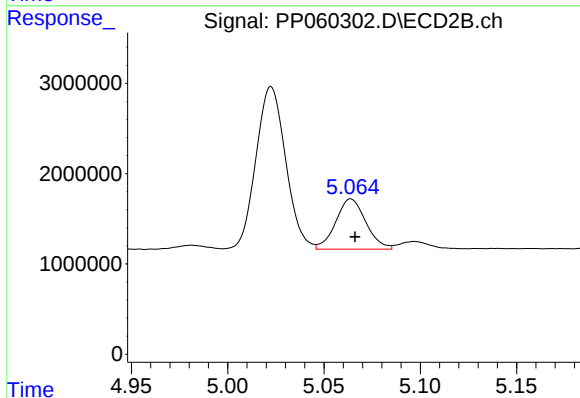
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 509150
Conc: 13.22 ng/ml



#19 AR-1242-4

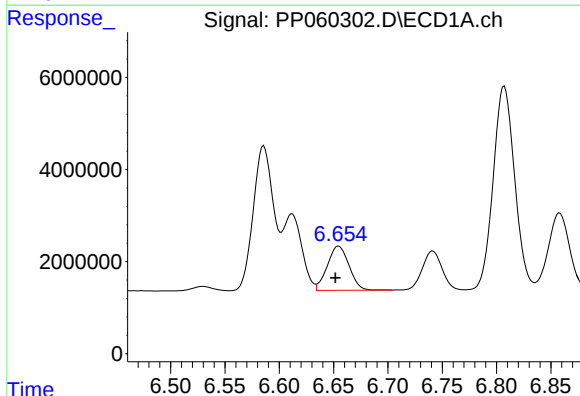
R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 601174
Conc: 12.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



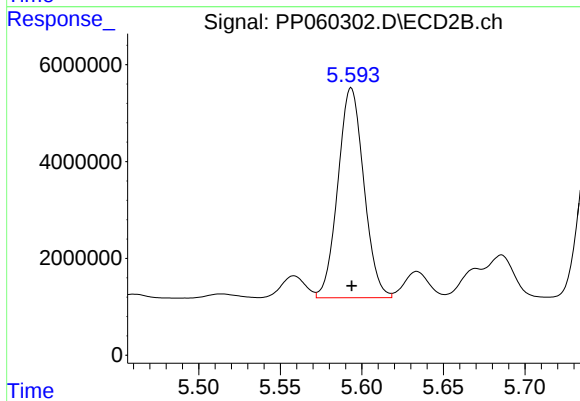
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 6056777
Conc: 153.79 ng/ml



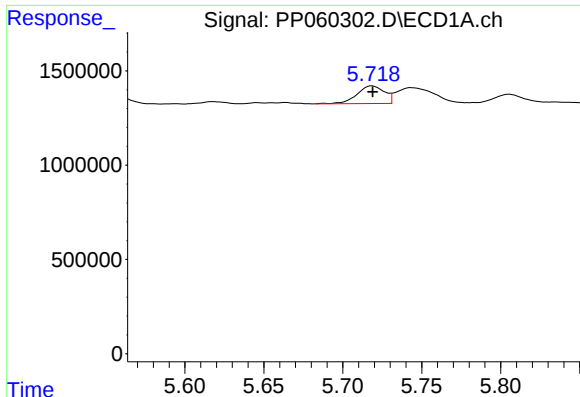
#20 AR-1242-5

R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 13302351
Conc: 264.48 ng/ml



#20 AR-1242-5

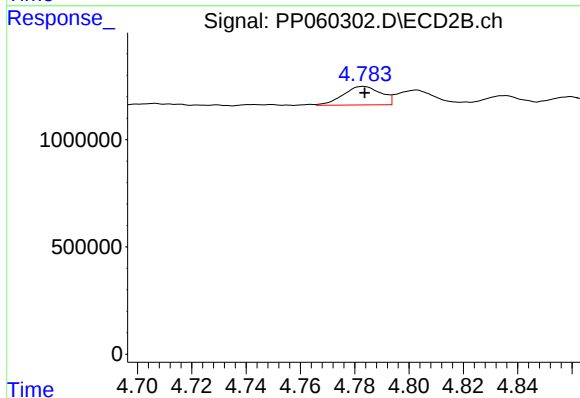
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 48000265
Conc: 981.26 ng/ml



#21 AR-1248-1

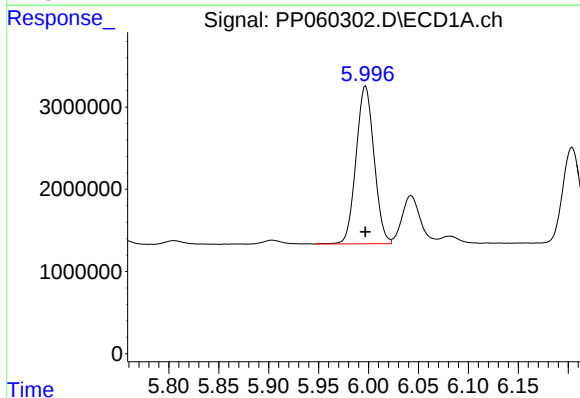
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1133777
Conc: 24.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



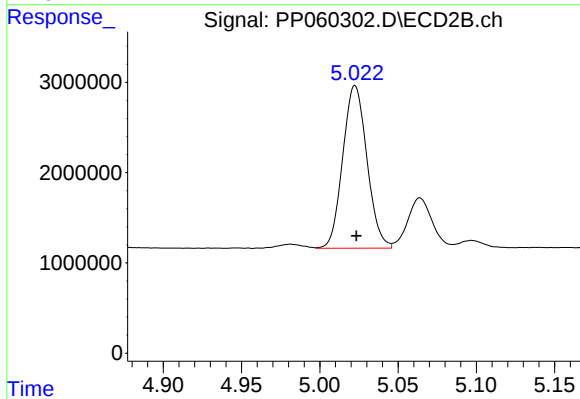
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 832795
Conc: 22.82 ng/ml



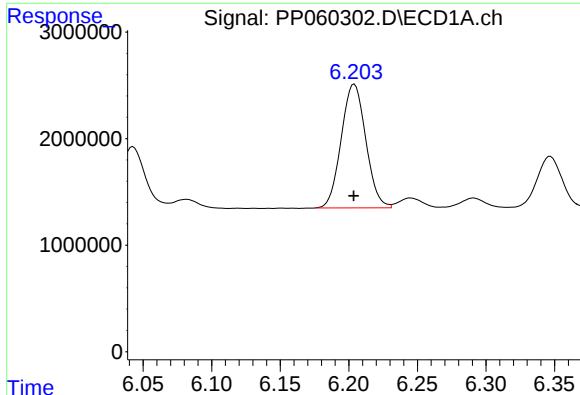
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 24034960
Conc: 346.65 ng/ml



#22 AR-1248-2

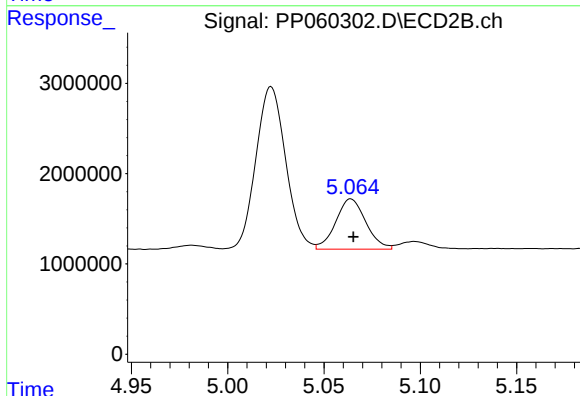
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 19405269
Conc: 371.24 ng/ml



#23 AR-1248-3

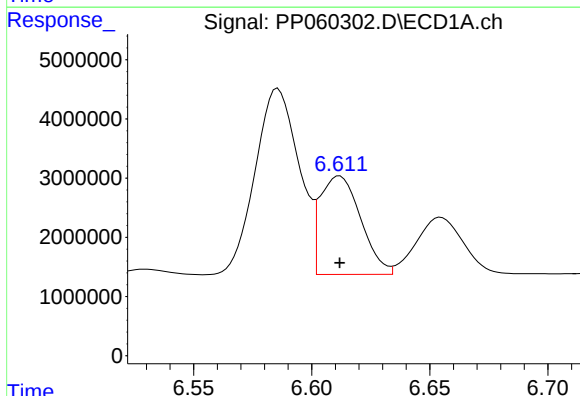
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 14480343
Conc: 190.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



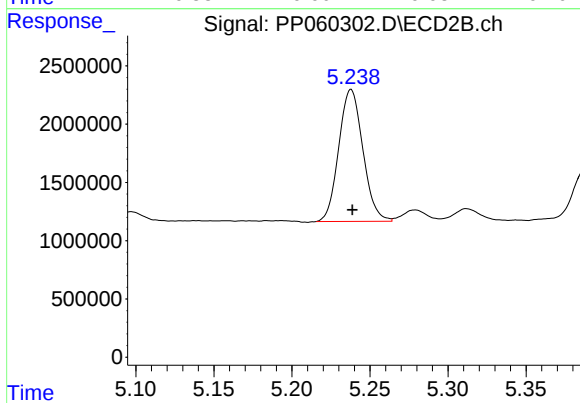
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 6056777
Conc: 109.08 ng/ml



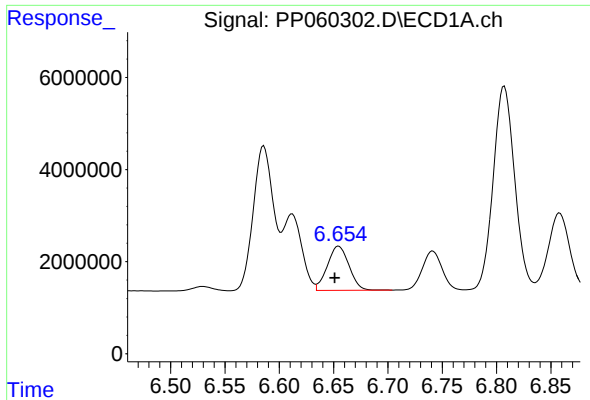
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 19860436
Conc: 240.13 ng/ml



#24 AR-1248-4

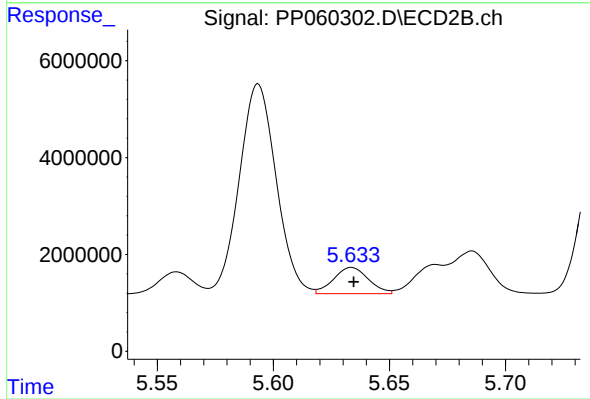
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 12211582
Conc: 185.51 ng/ml



#25 AR-1248-5

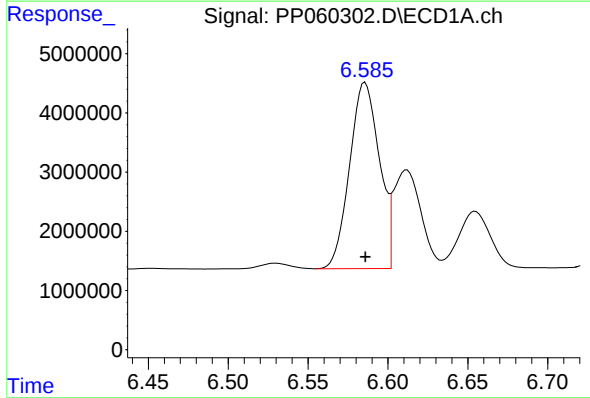
R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 13302351
Conc: 165.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



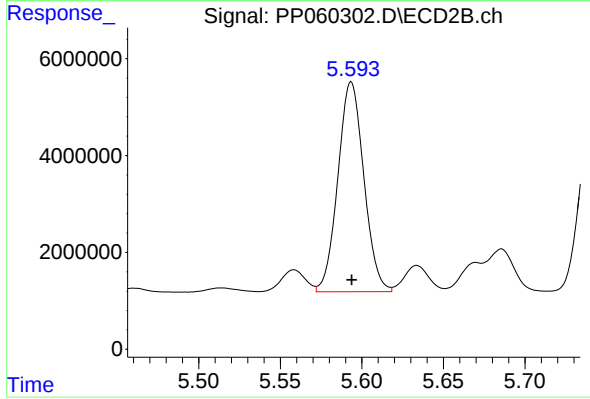
#25 AR-1248-5

R.T.: 5.634 min
Delta R.T.: -0.001 min
Response: 5673482
Conc: 88.20 ng/ml



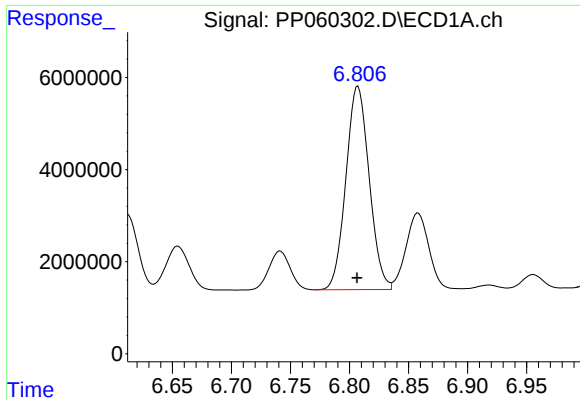
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 40745729
Conc: 477.45 ng/ml



#26 AR-1254-1

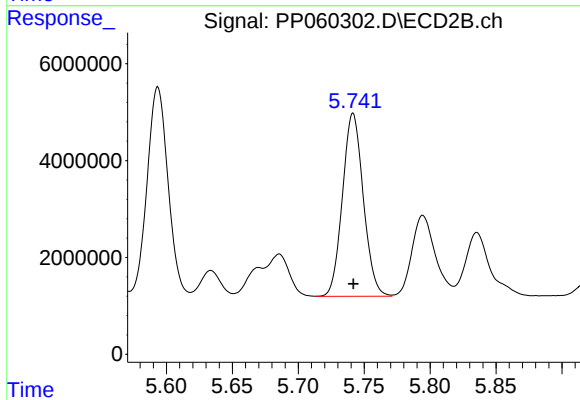
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 48000265
Conc: 485.25 ng/ml



#27 AR-1254-2

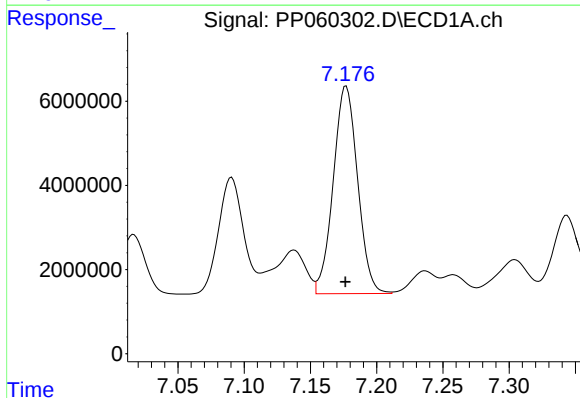
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 60611714
Conc: 474.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



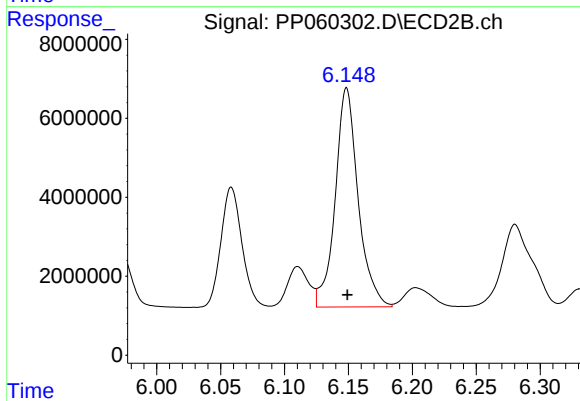
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 41619581
Conc: 484.27 ng/ml



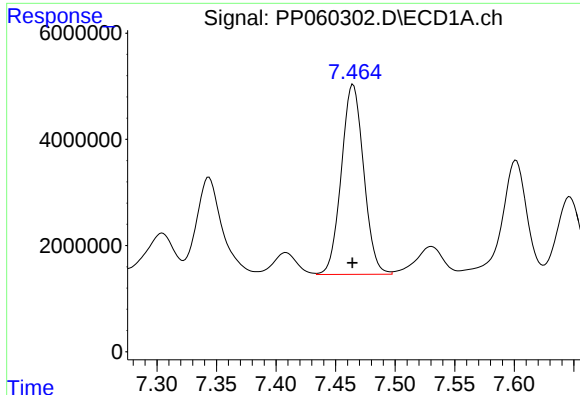
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 63164499
Conc: 475.22 ng/ml



#28 AR-1254-3

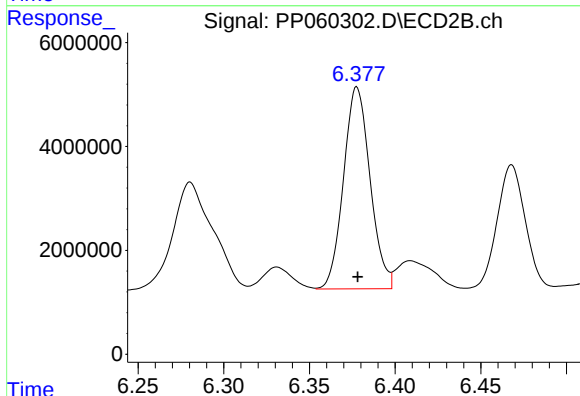
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 69274763
Conc: 483.33 ng/ml



#29 AR-1254-4

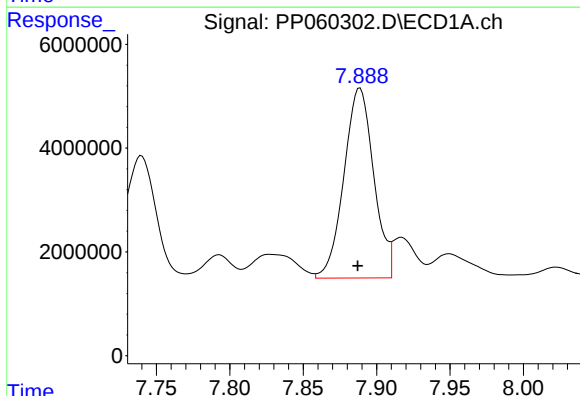
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 46687154
Conc: 474.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



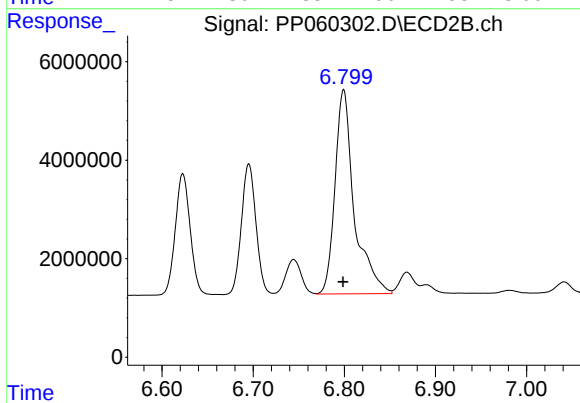
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 41986144
Conc: 481.70 ng/ml



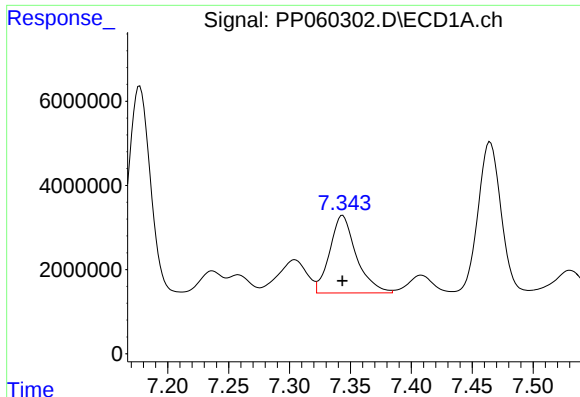
#30 AR-1254-5

R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 51684648
Conc: 477.05 ng/ml



#30 AR-1254-5

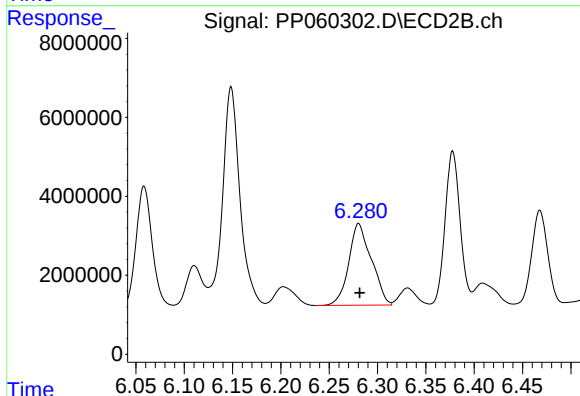
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 60752492
Conc: 479.42 ng/ml



#31 AR-1260-1

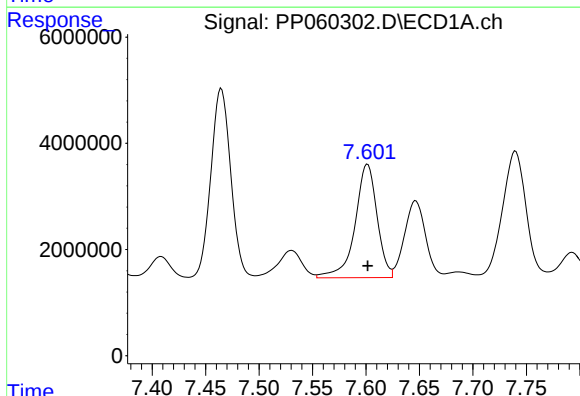
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 27934437
Conc: 266.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



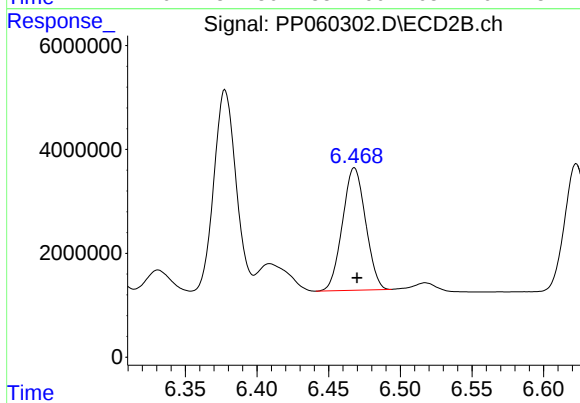
#31 AR-1260-1

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 33723998
Conc: 335.98 ng/ml



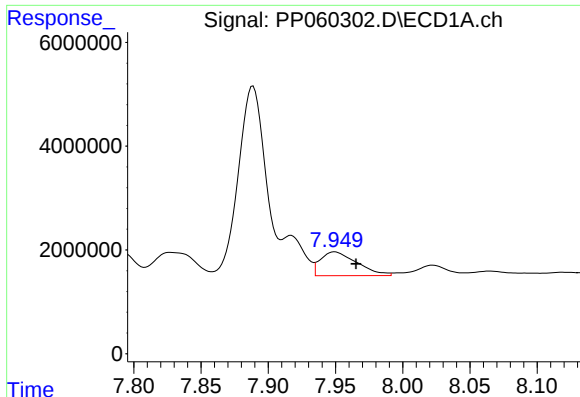
#32 AR-1260-2

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 30646400
Conc: 253.47 ng/ml



#32 AR-1260-2

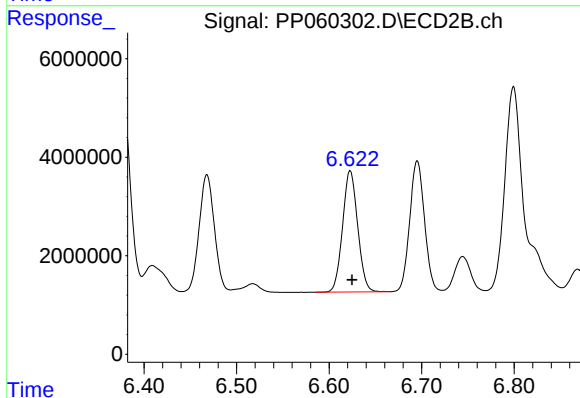
R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 26453473
Conc: 221.73 ng/ml



#33 AR-1260-3

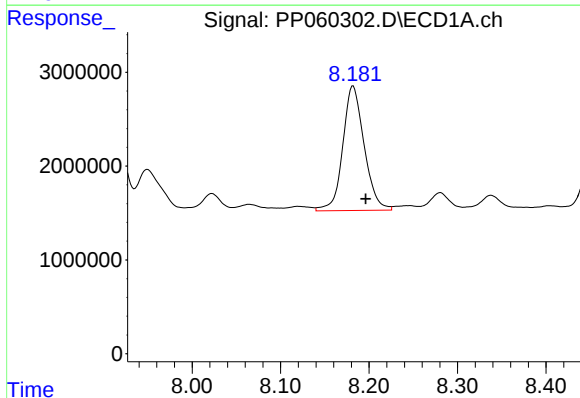
R.T.: 7.949 min
Delta R.T.: -0.016 min
Response: 8654604
Conc: 93.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



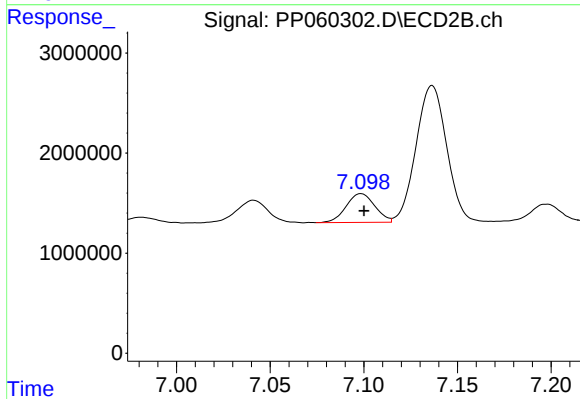
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 27880942
Conc: 243.51 ng/ml



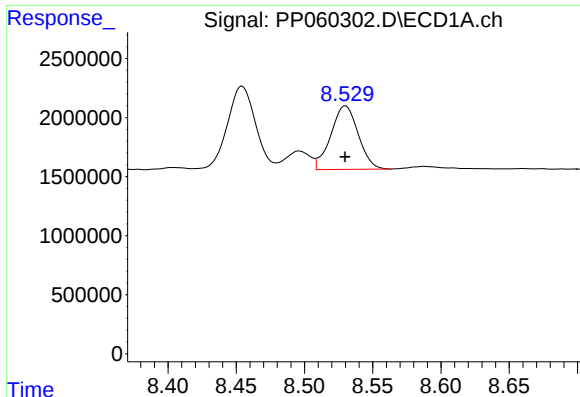
#34 AR-1260-4

R.T.: 8.182 min
Delta R.T.: -0.014 min
Response: 22253312
Conc: 209.84 ng/ml



#34 AR-1260-4

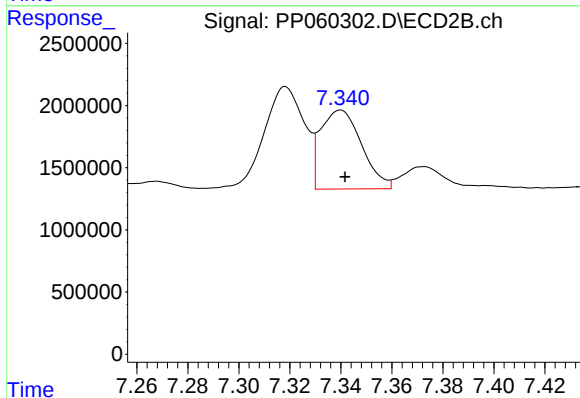
R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 3077673
Conc: 32.33 ng/ml



#35 AR-1260-5

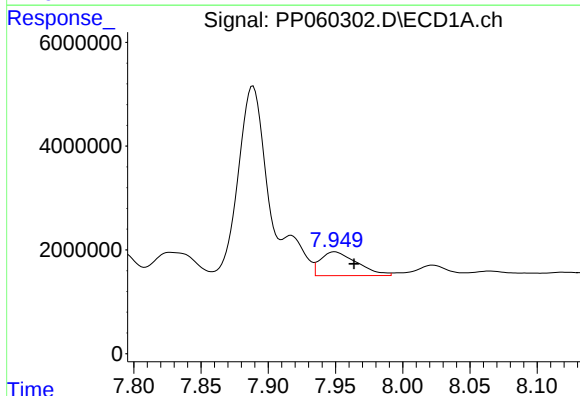
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7536335
Conc: 38.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



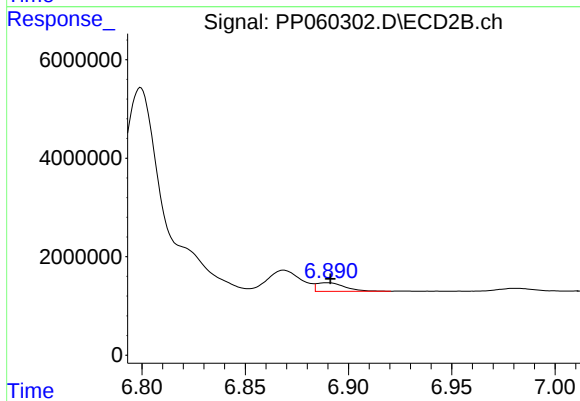
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 7098215
Conc: 32.75 ng/ml



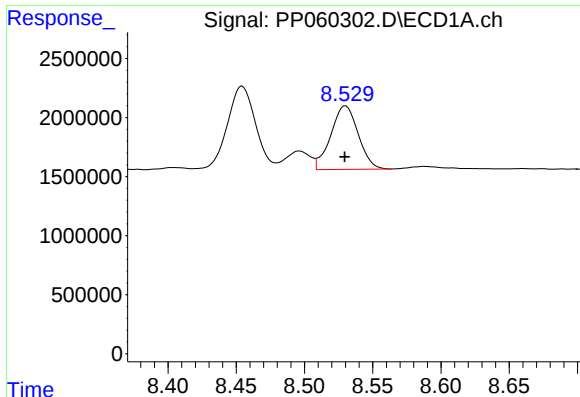
#36 AR-1262-1

R.T.: 7.949 min
Delta R.T.: -0.014 min
Response: 8654604
Conc: 69.38 ng/ml



#36 AR-1262-1

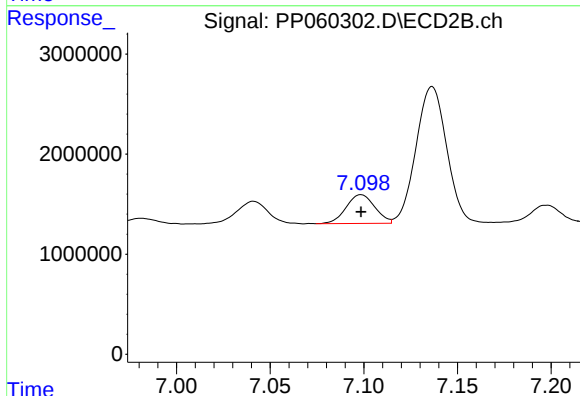
R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 1657284
Conc: 30.95 ng/ml



#37 AR-1262-2

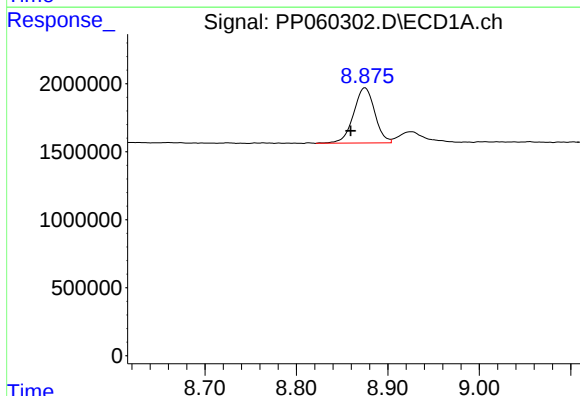
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7536335
Conc: 35.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



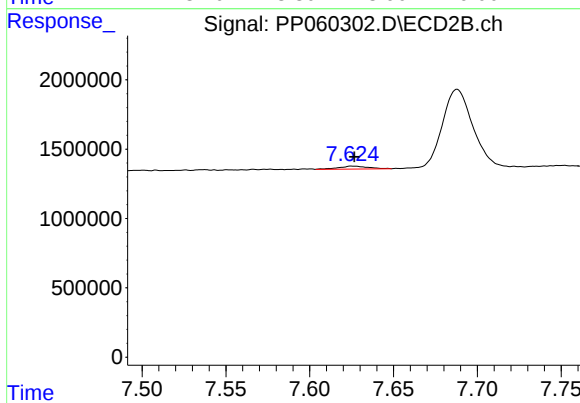
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 3077673
Conc: 26.09 ng/ml



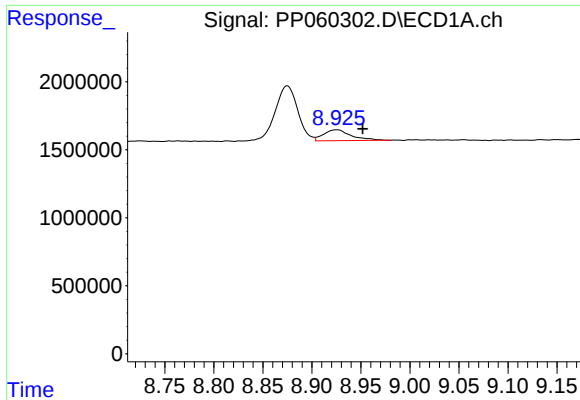
#38 AR-1262-3

R.T.: 8.875 min
Delta R.T.: 0.016 min
Response: 6531806
Conc: 43.16 ng/ml



#38 AR-1262-3

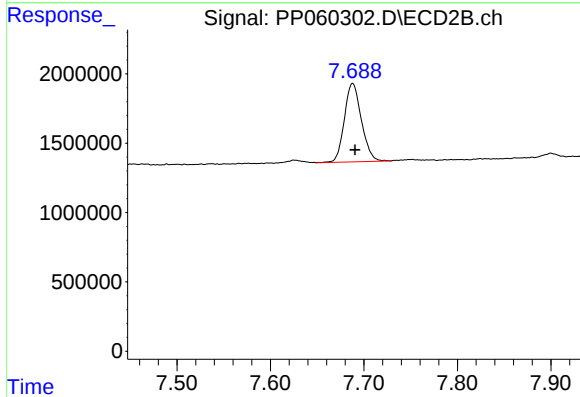
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 253545
Conc: 2.75 ng/ml



#39 AR-1262-4

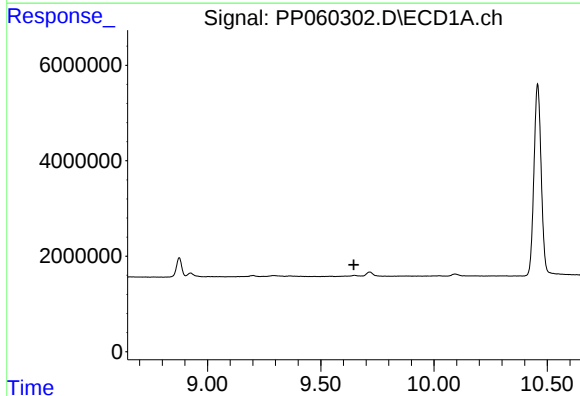
R.T.: 8.926 min
Delta R.T.: -0.026 min
Response: 1568864
Conc: 13.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



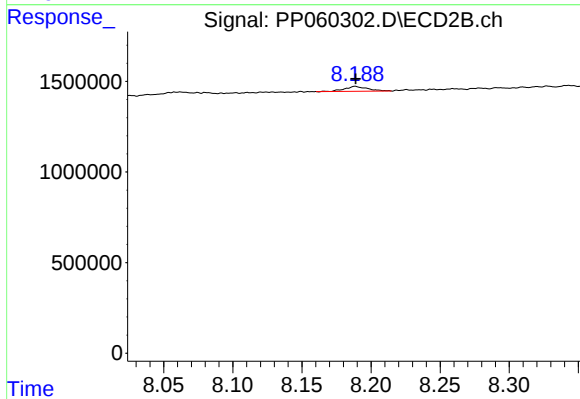
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 7153992
Conc: 42.47 ng/ml



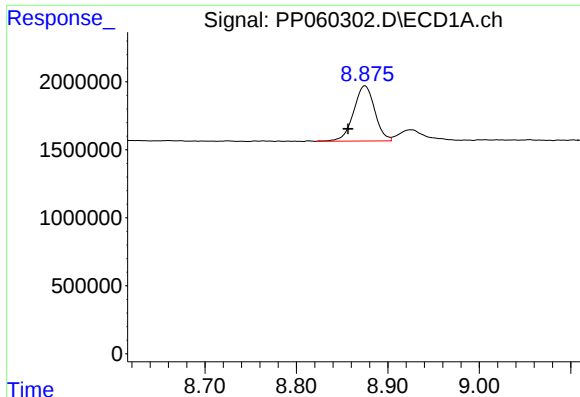
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

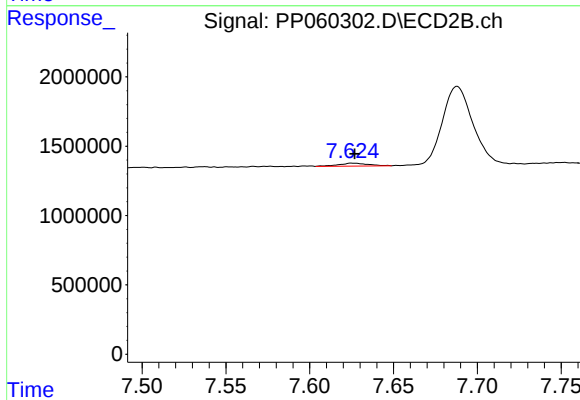
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 307486
Conc: 3.97 ng/ml



#41 AR-1268-1

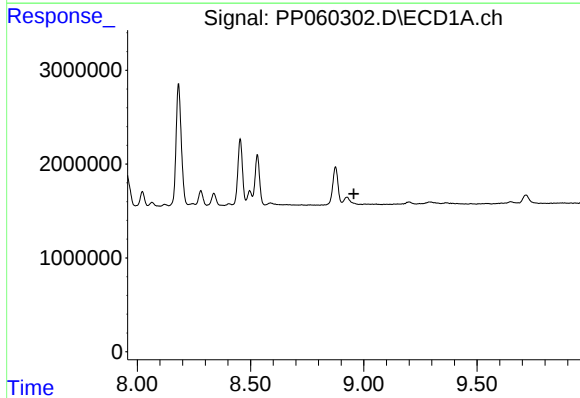
R.T.: 8.875 min
Delta R.T.: 0.019 min
Response: 6531806
Conc: 24.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



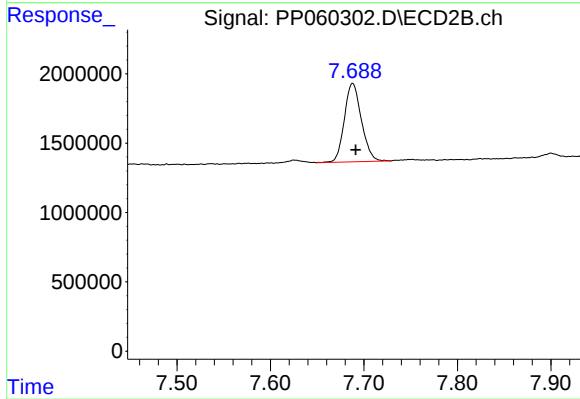
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 253545
Conc: 0.93 ng/ml



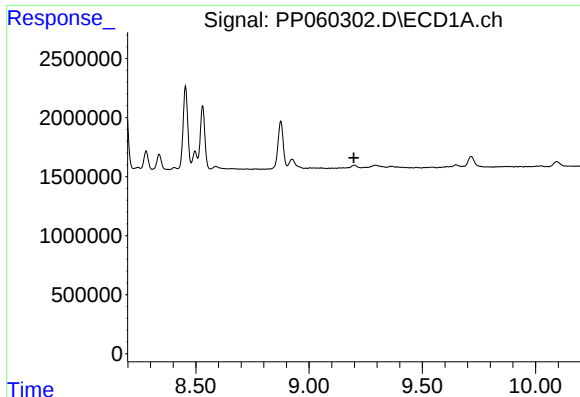
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

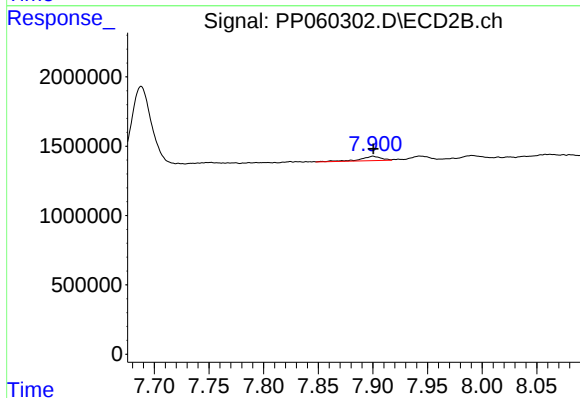
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 7153992
Conc: 29.33 ng/ml



#43 AR-1268-3

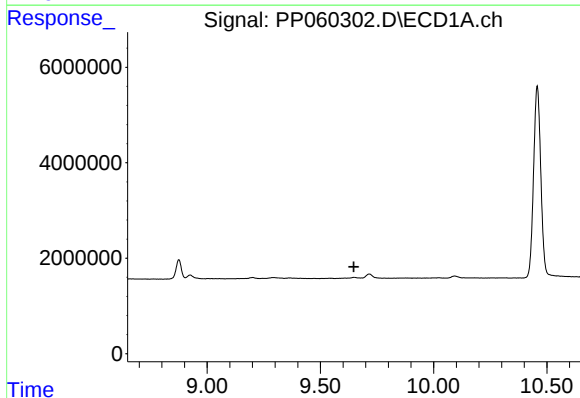
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



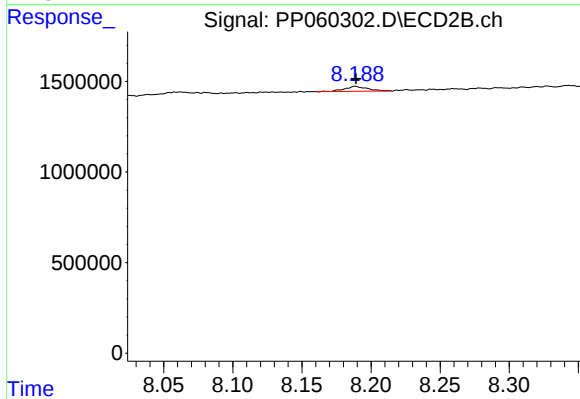
#43 AR-1268-3

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 431792
Conc: 2.02 ng/ml



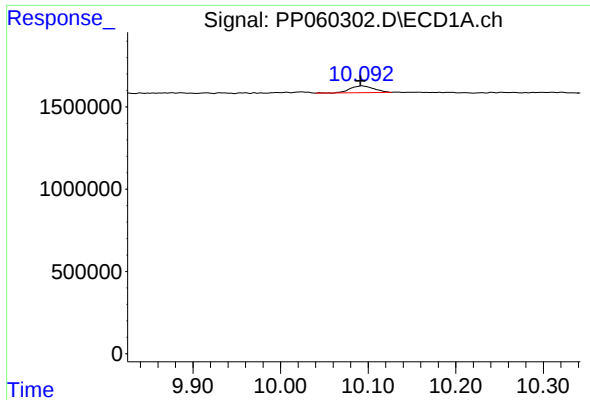
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

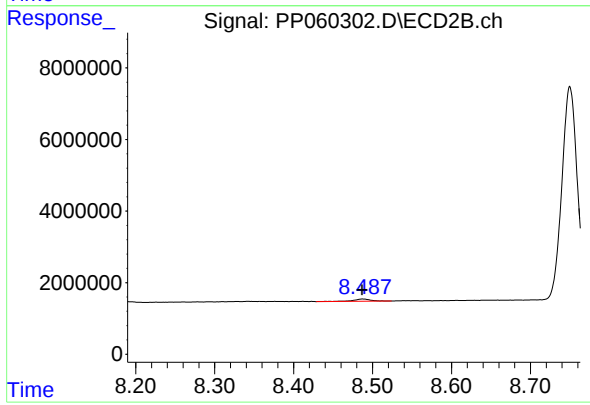
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 307486
Conc: 3.50 ng/ml



#45 AR-1268-5

R.T.: 10.093 min
Delta R.T.: 0.002 min
Response: 781133
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 980325
Conc: 1.57 ng/ml