

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 13:39
 Operator : YP\AJ
 Sample : 03567-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:56:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 20 03:59:18 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...	4.425	3.666	18758303	26189823	12.838	12.256
2)	SA Decachlor...	10.221	8.716	77731555	128.4E6	87.036	70.705
Target Compounds							
3)	L1 AR-1016-1	5.600	4.763	970702	806768	22.626	12.379 #
4)	L1 AR-1016-2	5.627	4.782	1229013	633712	20.316	6.795 #
5)	L1 AR-1016-3	5.684	4.961	777461	799839	20.065	16.329
6)	L1 AR-1016-4	5.784	5.001	547472	7894825	17.671	183.384 #
7)	L1 AR-1016-5	6.082	5.215	6044079	7067467	191.000	127.641 #
8)	L2 AR-1221-1	4.632	3.887	863006	692697	45.777	26.969 #
9)	L2 AR-1221-2	4.733	3.966	220096	485182	15.765	25.154 #
10)	L2 AR-1221-3	4.814f	4.046	213189	336118	5.214	5.600
11)	L3 AR-1232-1	4.814f	4.046	213189	336118	6.481	6.871
12)	L3 AR-1232-2	5.334	4.782	427223	633712	24.565	14.871 #
13)	L3 AR-1232-3	5.627	4.961	1229013	799839	43.389	35.733
14)	L3 AR-1232-4	5.784	5.043	547472	5691059	38.282	260.024 #
15)	L3 AR-1232-5	5.876	5.215	4946302	7067467	420.789	288.606 #
16)	L4 AR-1242-1	5.600	4.763	970702	806768	25.394	14.266 #
17)	L4 AR-1242-2	5.627	4.782	1229013	633712	22.960	7.863 #
18)	L4 AR-1242-3	5.684	4.961	777461	799839	22.746	18.782
19)	L4 AR-1242-4	5.784	5.043	547472	5691059	19.923	128.101 #
20)	L4 AR-1242-5	6.527	5.570	15454049	34915266	593.423	669.157
21)	L5 AR-1248-1	5.600	4.763	970702	806768	35.848	19.967 #
22)	L5 AR-1248-2	5.876	5.001	4946302	7894825	125.201	129.590
23)	L5 AR-1248-3	6.082	5.043	6044079	5691059	136.271	92.312 #
24)	L5 AR-1248-4	6.487	5.215	13703078	7067467	324.636	97.034 #
25)	L5 AR-1248-5	6.527	5.612	15454049	13050787	378.704	200.625 #
26)	L6 AR-1254-1	6.460	5.570	13563641	34915266	278.697	319.170
27)	L6 AR-1254-2	6.680	5.719	29344430	37890885	410.440	396.695
28)	L6 AR-1254-3	7.047	6.125	37979307	70384354	515.024	467.438
29)	L6 AR-1254-4	7.333	6.355	27541986	43661395	562.682	528.749
30)	L6 AR-1254-5	7.754	6.775	38935572	71458487	719.168	557.877
31)	L7 AR-1260-1	7.213	6.256	16196878	40575849	284.300	369.889 #
32)	L7 AR-1260-2	7.470	6.446	26765101	47791447	413.435	377.437
33)	L7 AR-1260-3	7.832	6.599	51881058	36949210	1048.246	304.730 #
34)	L7 AR-1260-4	8.046	7.072	13269055	120.8E6	249.841	1209.488 #
35)	L7 AR-1260-5	8.379	7.316	34119638	60130457	354.555	292.682
36)	L8 AR-1262-1	7.832	6.865	51881058	23379207	750.705	395.465 #
37)	L8 AR-1262-2	8.379	7.072	34119638	120.8E6	318.186	968.287 #
38)	L8 AR-1262-3	8.694	7.601	226.0E6	410.1E6	3043.287	4329.145 #
39)	L8 AR-1262-4	8.789	7.666	221.7E6	413.9E6	3811.271	2489.126 #
40)	L8 AR-1262-5	9.452	8.162	63416301	103.9E6	1743.730	1475.454
41)	L9 AR-1268-1	8.694	7.601	226.0E6	410.1E6	1750.635	1471.203

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 ALS Vial : 21 Sample Multiplier: 1

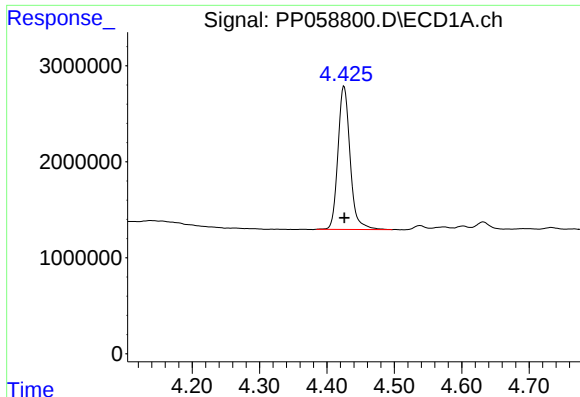
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:56:27 2023
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 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	8.789	7.666	221.7E6	413.9E6	1886.488	1675.420
43) L9	AR-1268-3	9.021	7.874	149.3E6	277.2E6	1463.919	1249.126
44) L9	AR-1268-4	9.452	8.162	63416301	103.9E6	1646.563	1329.546
45) L9	AR-1268-5	9.875	8.457	467.7E6	781.6E6	1419.405	1228.124

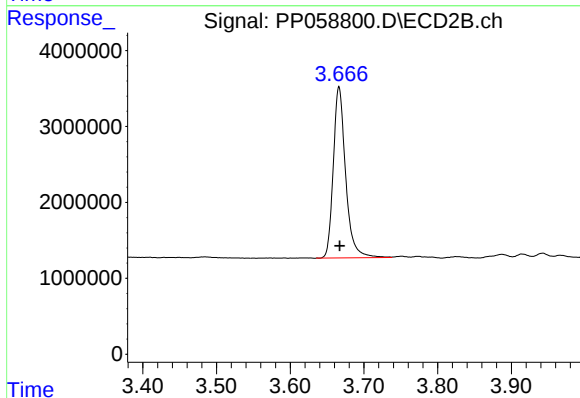
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

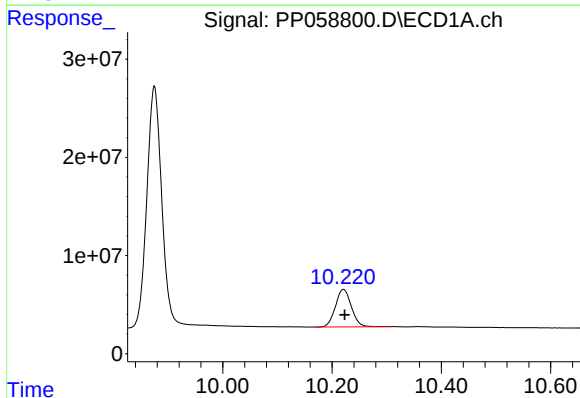
R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 18758303
Conc: 12.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



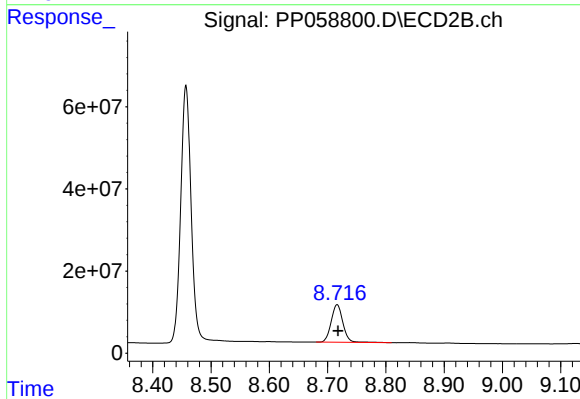
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 26189823
Conc: 12.26 ng/ml



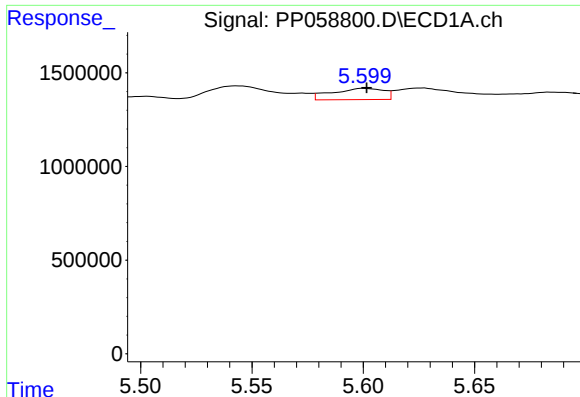
#2 Decachlorobiphenyl

R.T.: 10.221 min
Delta R.T.: -0.002 min
Response: 77731555
Conc: 87.04 ng/ml



#2 Decachlorobiphenyl

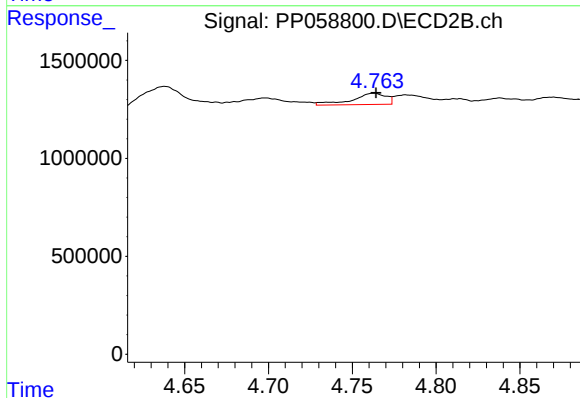
R.T.: 8.716 min
Delta R.T.: -0.001 min
Response: 128442062
Conc: 70.70 ng/ml



#3 AR-1016-1

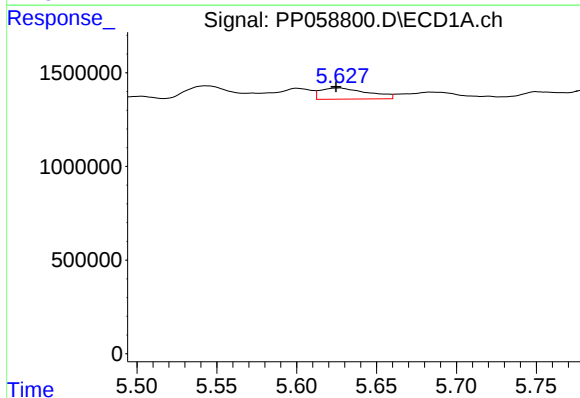
R.T.: 5.600 min
Delta R.T.: -0.001 min
Response: 970702
Conc: 22.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



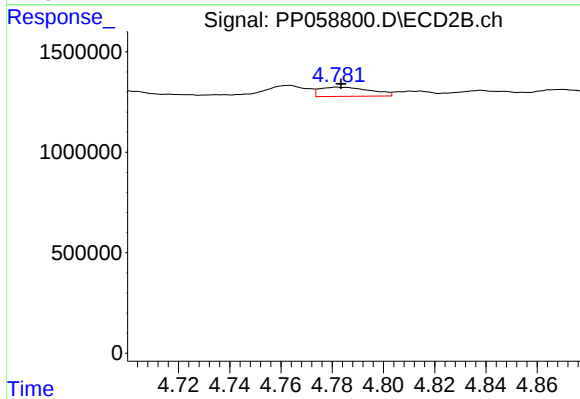
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 806768
Conc: 12.38 ng/ml



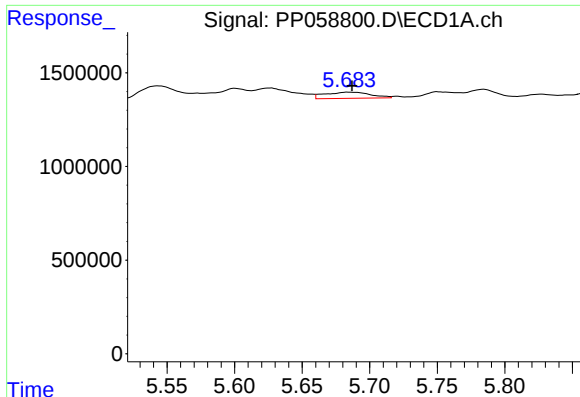
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: 0.002 min
Response: 1229013
Conc: 20.32 ng/ml



#4 AR-1016-2

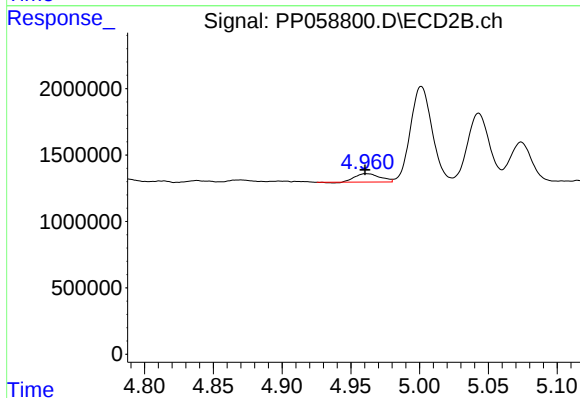
R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 633712
Conc: 6.80 ng/ml



#5 AR-1016-3

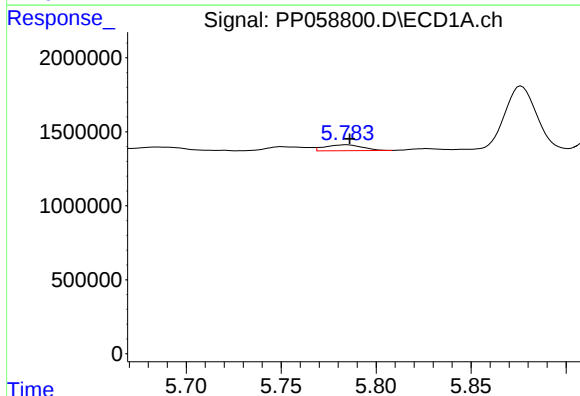
R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 777461
Conc: 20.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



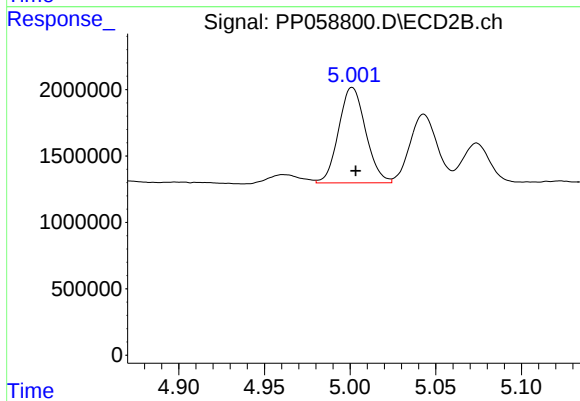
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 799839
Conc: 16.33 ng/ml



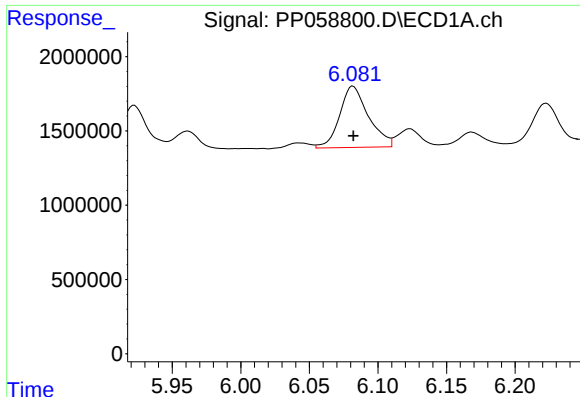
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 547472
Conc: 17.67 ng/ml



#6 AR-1016-4

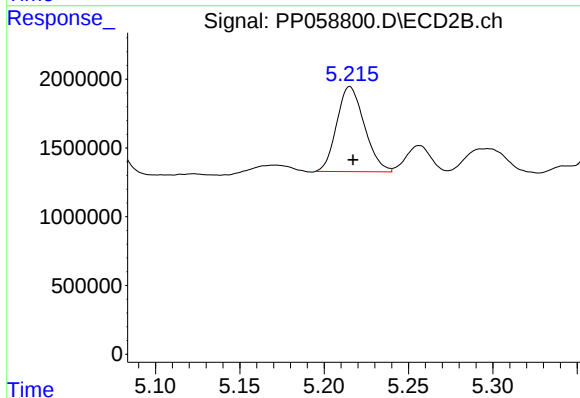
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 7894825
Conc: 183.38 ng/ml



#7 AR-1016-5

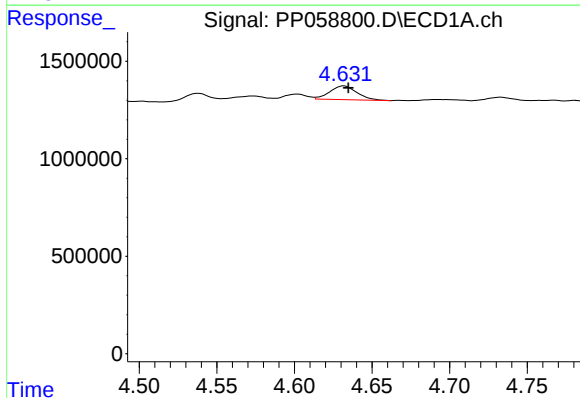
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 6044079
Conc: 191.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



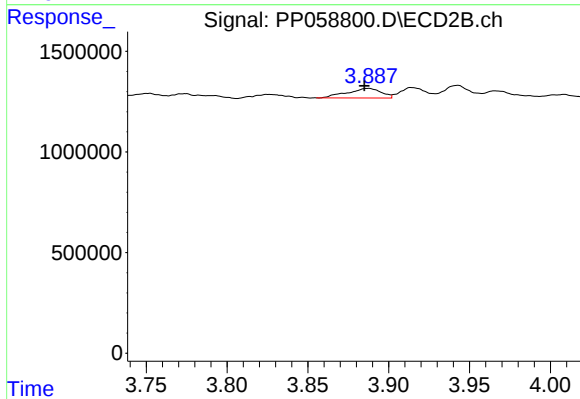
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 7067467
Conc: 127.64 ng/ml



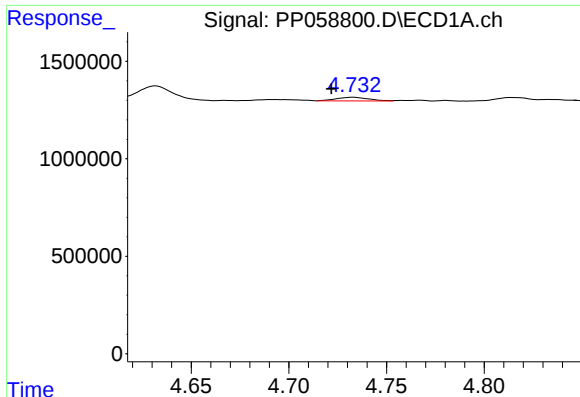
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 863006
Conc: 45.78 ng/ml



#8 AR-1221-1

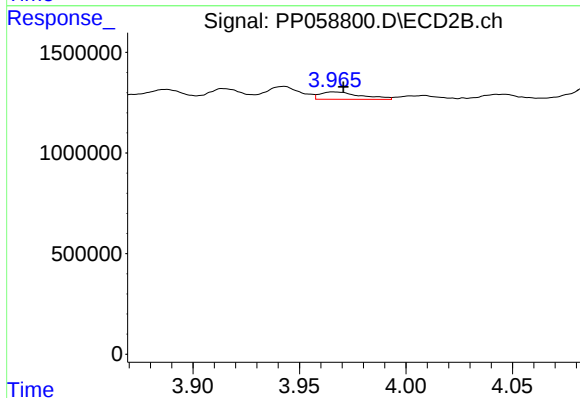
R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 692697
Conc: 26.97 ng/ml



#9 AR-1221-2

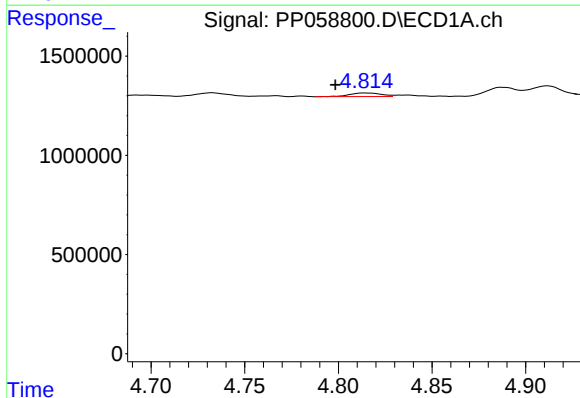
R.T.: 4.733 min
Delta R.T.: 0.011 min
Response: 220096
Conc: 15.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



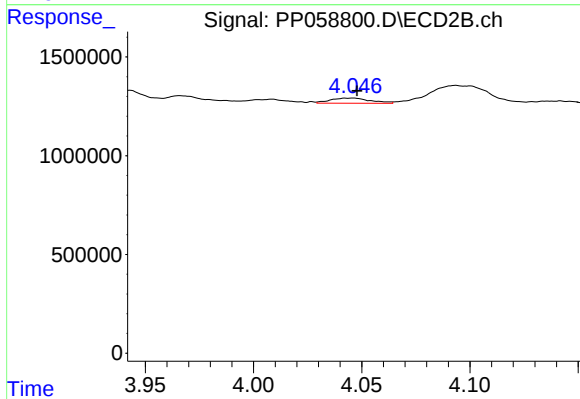
#9 AR-1221-2

R.T.: 3.966 min
Delta R.T.: -0.005 min
Response: 485182
Conc: 25.15 ng/ml



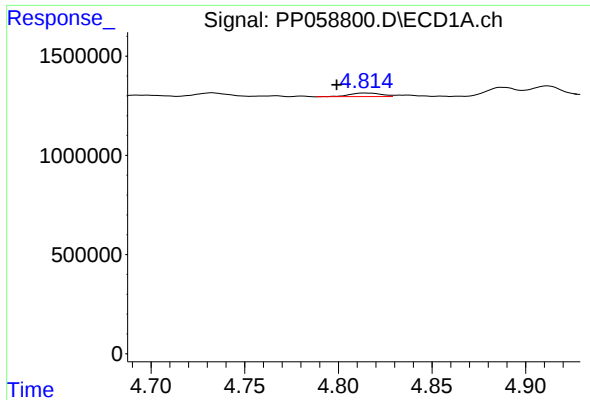
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: 0.016 min
Response: 213189
Conc: 5.21 ng/ml



#10 AR-1221-3

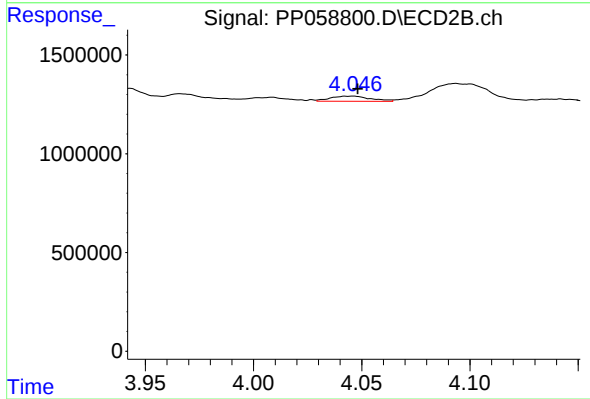
R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 336118
Conc: 5.60 ng/ml



#11 AR-1232-1

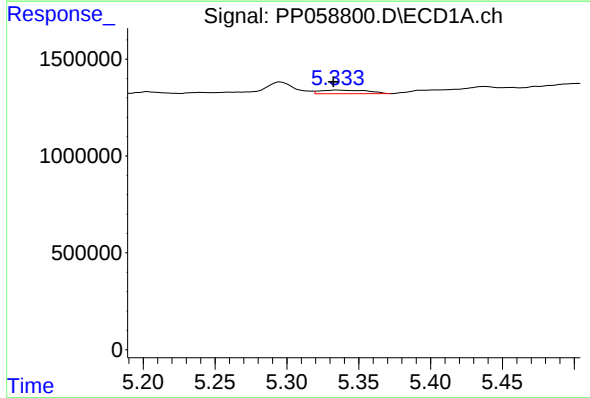
R.T.: 4.814 min
Delta R.T.: 0.015 min
Response: 213189
Conc: 6.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



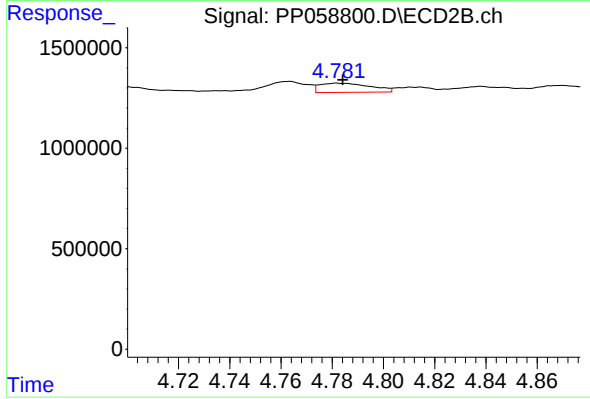
#11 AR-1232-1

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 336118
Conc: 6.87 ng/ml



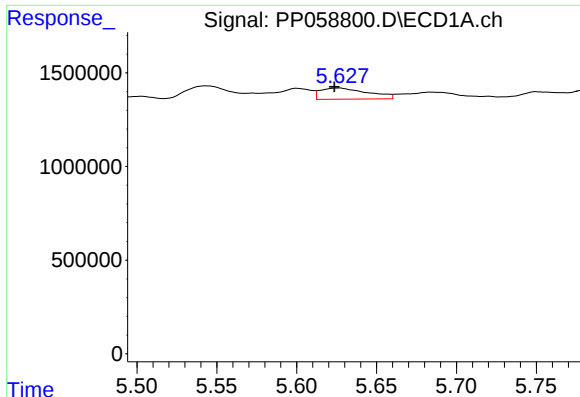
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: 0.002 min
Response: 427223
Conc: 24.57 ng/ml



#12 AR-1232-2

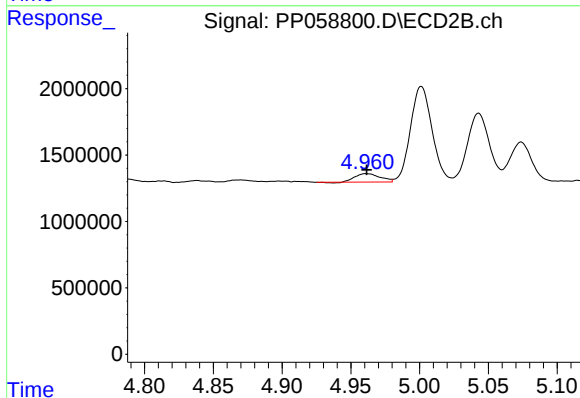
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 633712
Conc: 14.87 ng/ml



#13 AR-1232-3

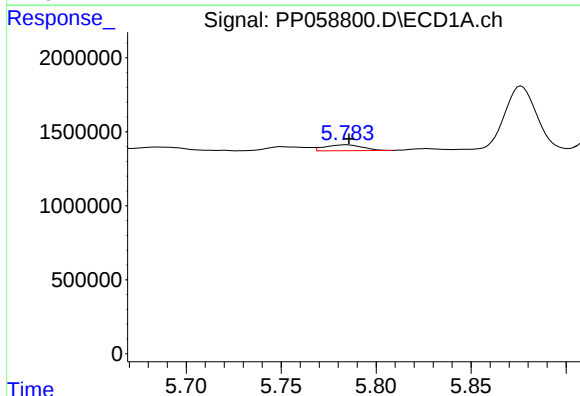
R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 1229013
Conc: 43.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



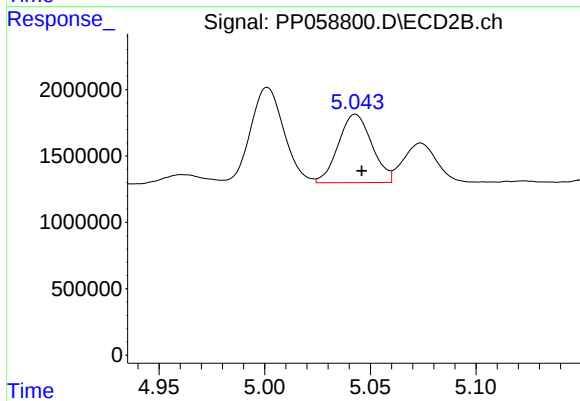
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 799839
Conc: 35.73 ng/ml



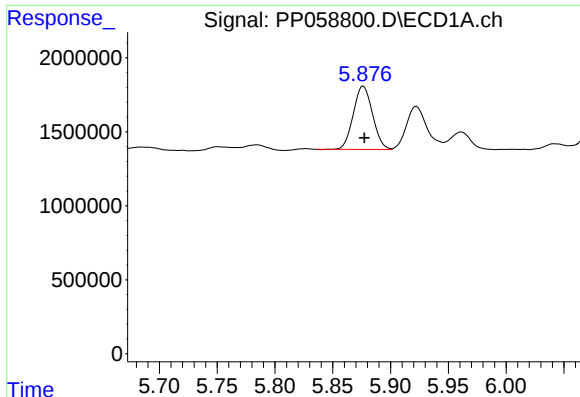
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 547472
Conc: 38.28 ng/ml



#14 AR-1232-4

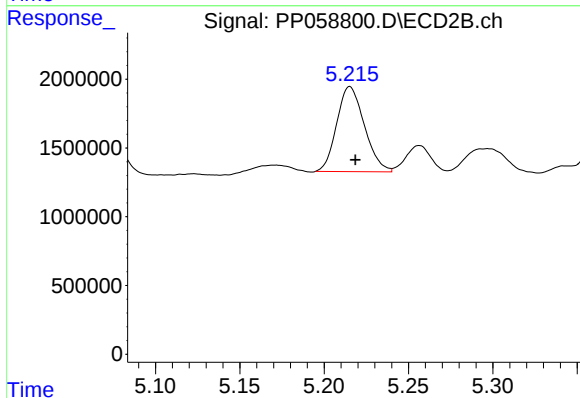
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 5691059
Conc: 260.02 ng/ml



#15 AR-1232-5

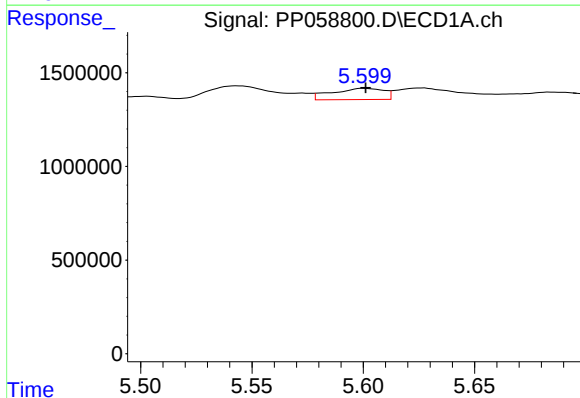
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 4946302
Conc: 420.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



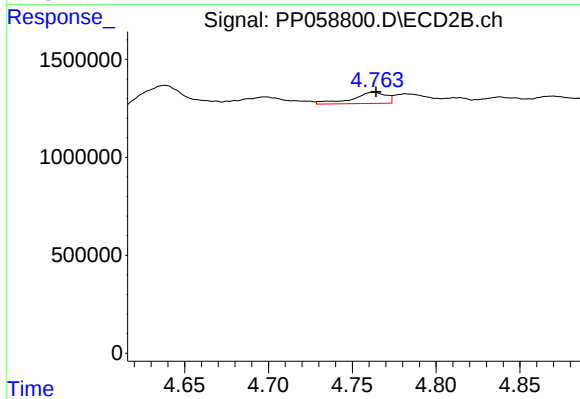
#15 AR-1232-5

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 7067467
Conc: 288.61 ng/ml



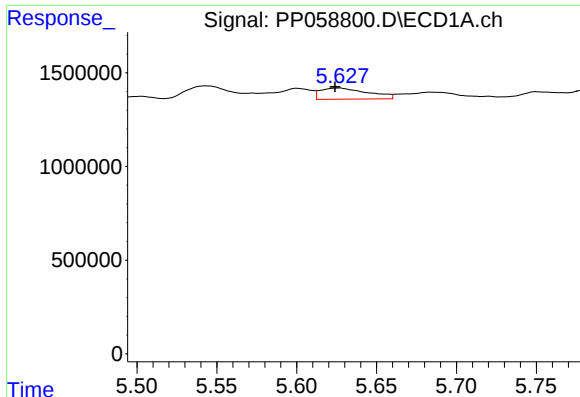
#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 970702
Conc: 25.39 ng/ml



#16 AR-1242-1

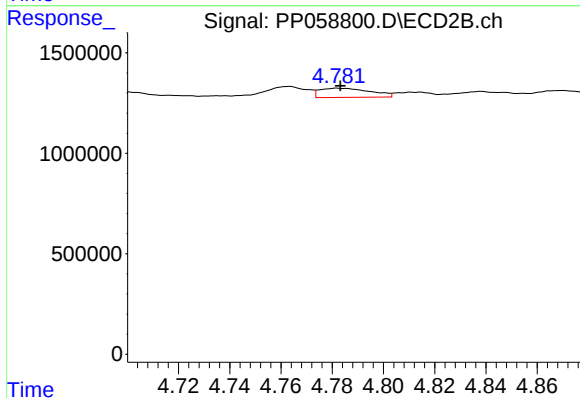
R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 806768
Conc: 14.27 ng/ml



#17 AR-1242-2

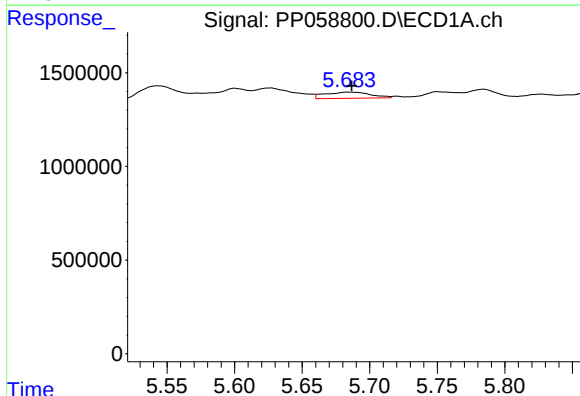
R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 1229013
Conc: 22.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



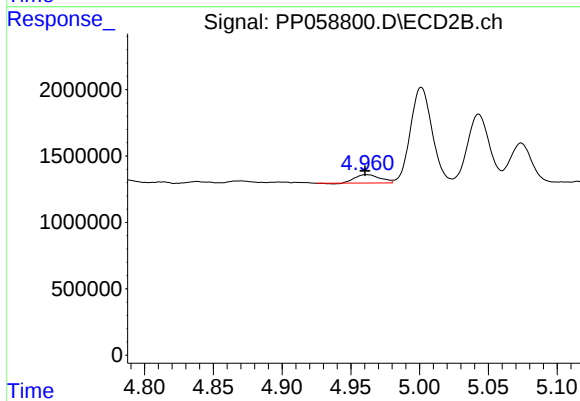
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 633712
Conc: 7.86 ng/ml



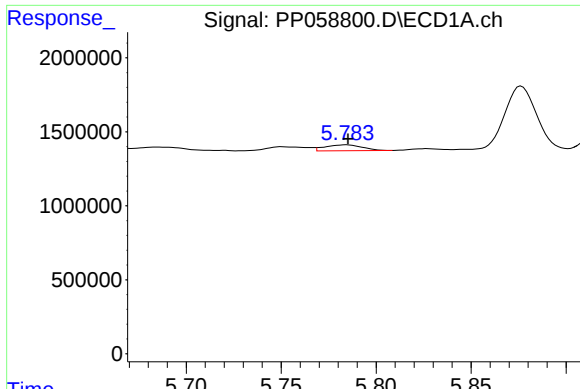
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 777461
Conc: 22.75 ng/ml



#18 AR-1242-3

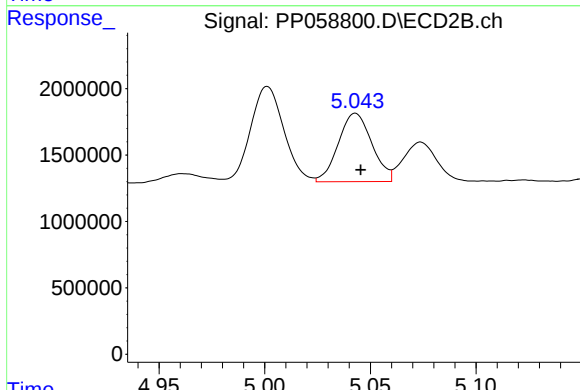
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 799839
Conc: 18.78 ng/ml



#19 AR-1242-4

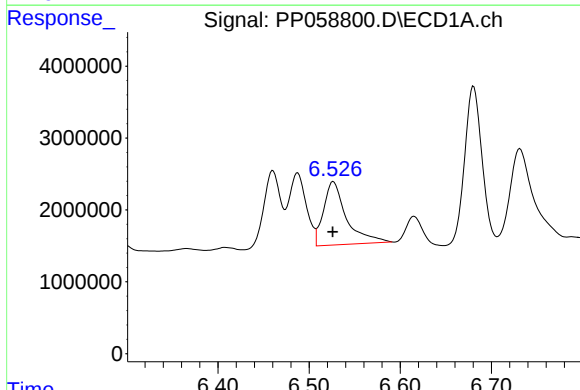
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 547472
Conc: 19.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



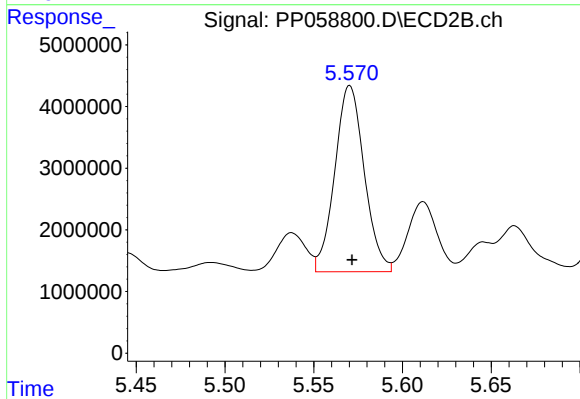
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 5691059
Conc: 128.10 ng/ml



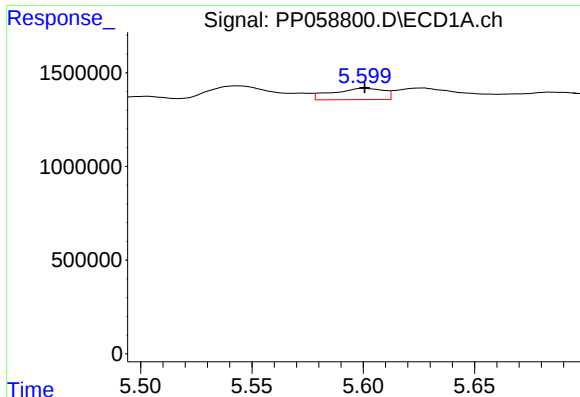
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 15454049
Conc: 593.42 ng/ml



#20 AR-1242-5

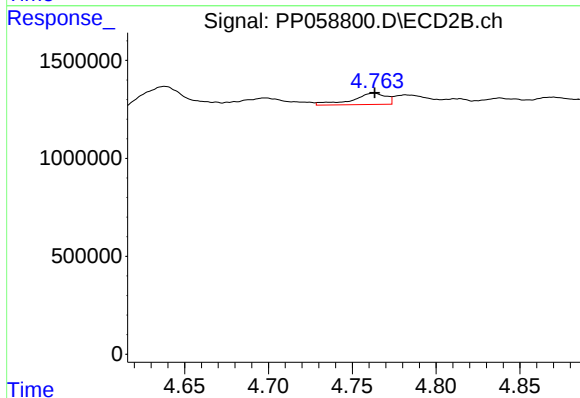
R.T.: 5.570 min
Delta R.T.: -0.001 min
Response: 34915266
Conc: 669.16 ng/ml



#21 AR-1248-1

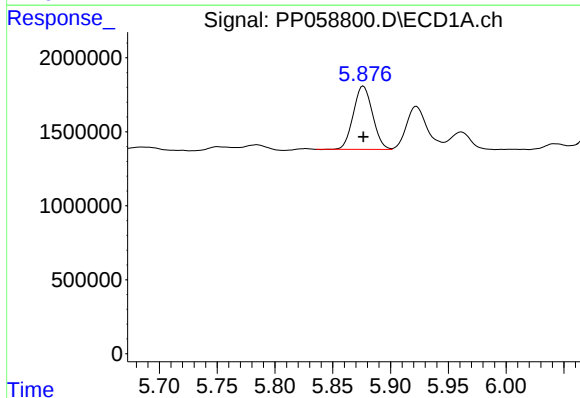
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 970702
Conc: 35.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



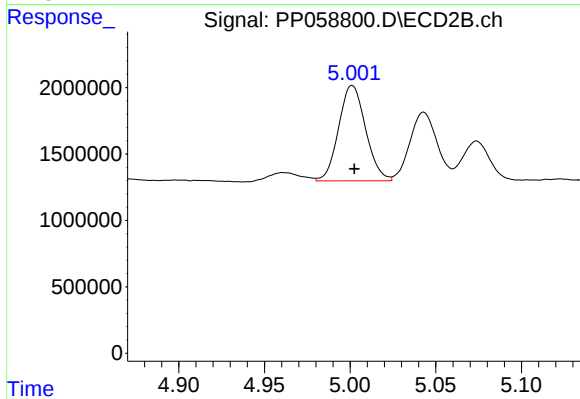
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 806768
Conc: 19.97 ng/ml



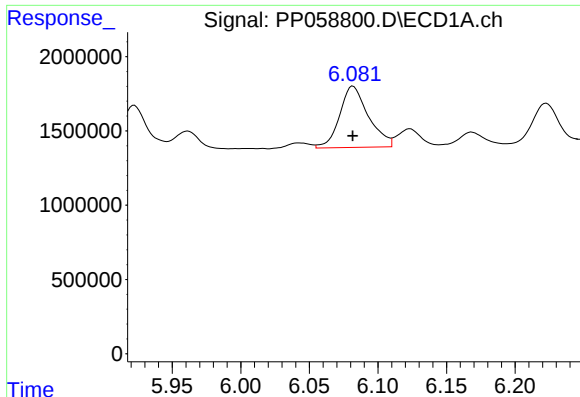
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 4946302
Conc: 125.20 ng/ml



#22 AR-1248-2

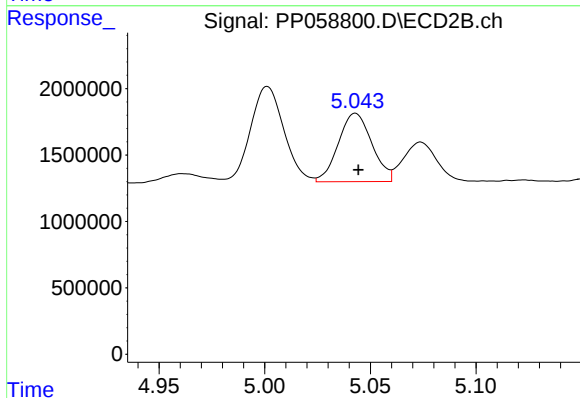
R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 7894825
Conc: 129.59 ng/ml



#23 AR-1248-3

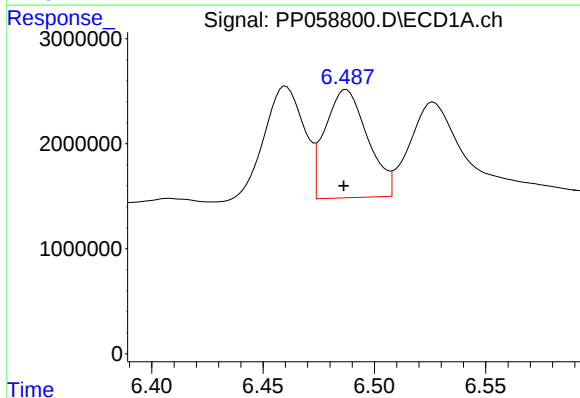
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 6044079
Conc: 136.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



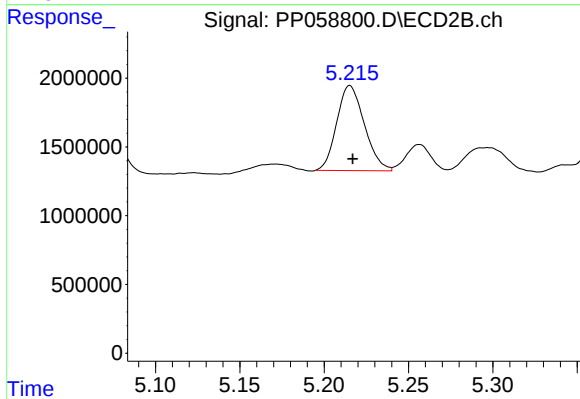
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 5691059
Conc: 92.31 ng/ml



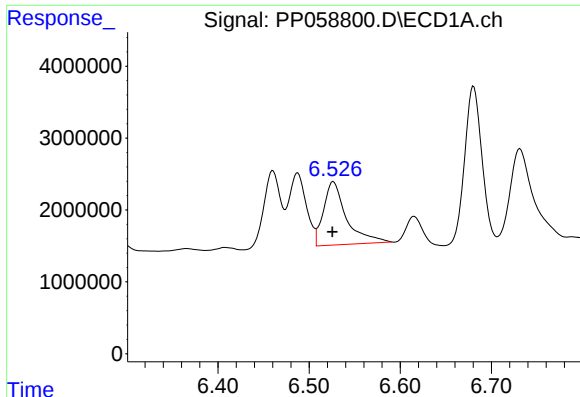
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: 0.001 min
Response: 13703078
Conc: 324.64 ng/ml



#24 AR-1248-4

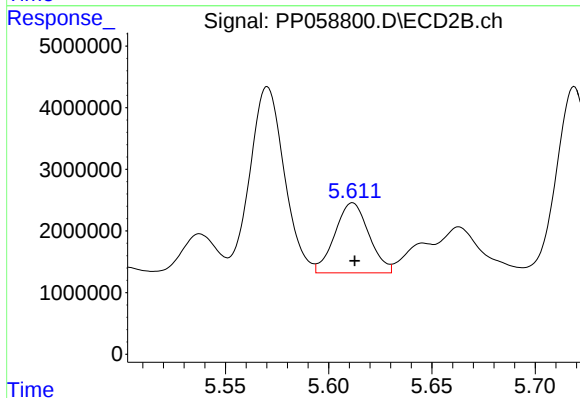
R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 7067467
Conc: 97.03 ng/ml



#25 AR-1248-5

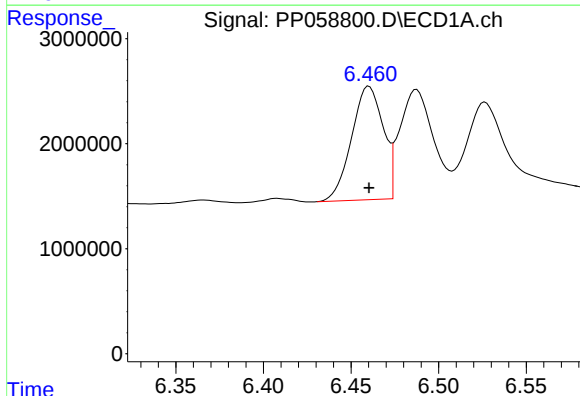
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 15454049
Conc: 378.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



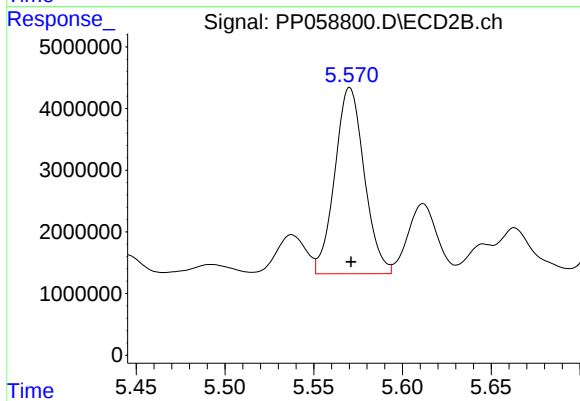
#25 AR-1248-5

R.T.: 5.612 min
Delta R.T.: -0.001 min
Response: 13050787
Conc: 200.62 ng/ml



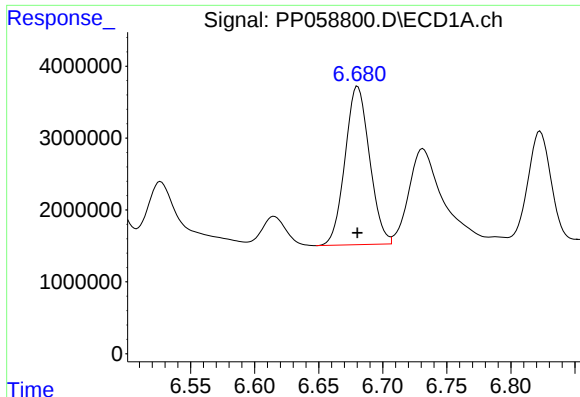
#26 AR-1254-1

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 13563641
Conc: 278.70 ng/ml



#26 AR-1254-1

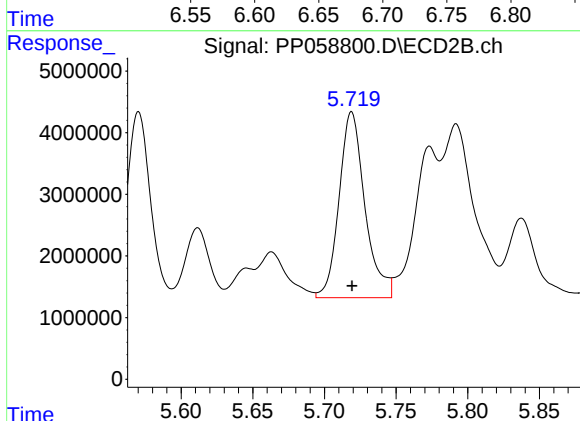
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 34915266
Conc: 319.17 ng/ml



#27 AR-1254-2

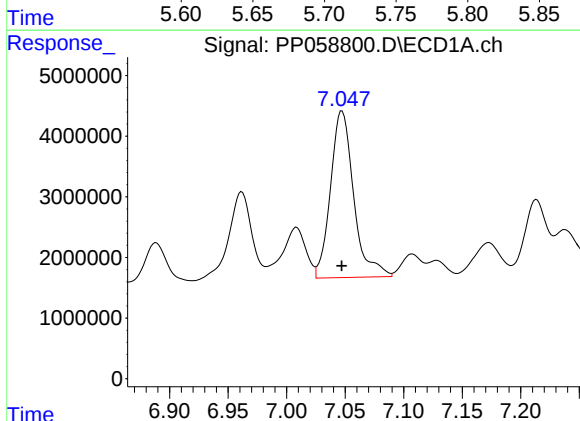
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 29344430
Conc: 410.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



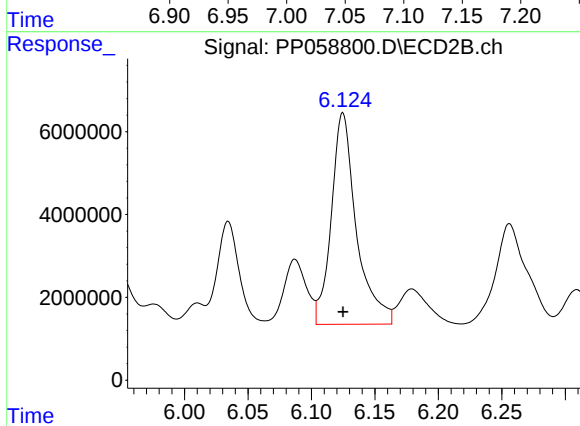
#27 AR-1254-2

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 37890885
Conc: 396.69 ng/ml



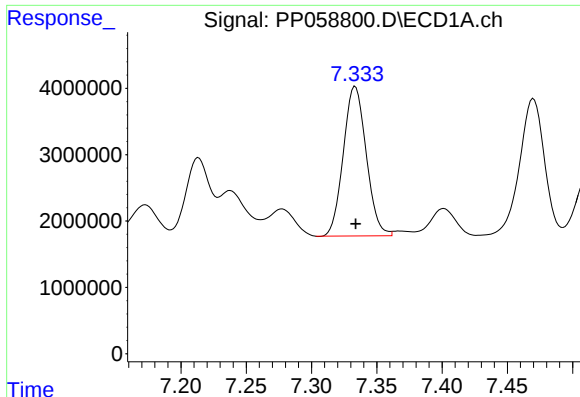
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 37979307
Conc: 515.02 ng/ml



#28 AR-1254-3

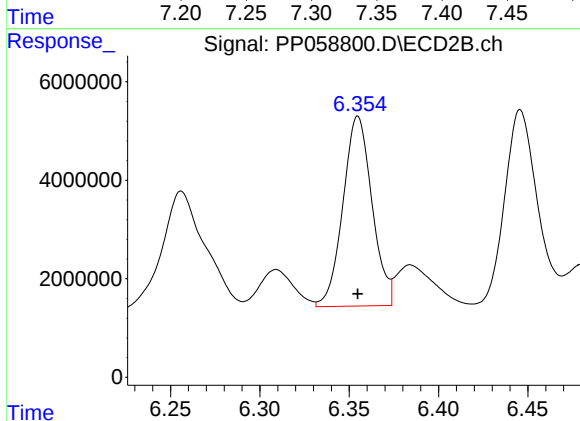
R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 70384354
Conc: 467.44 ng/ml



#29 AR-1254-4

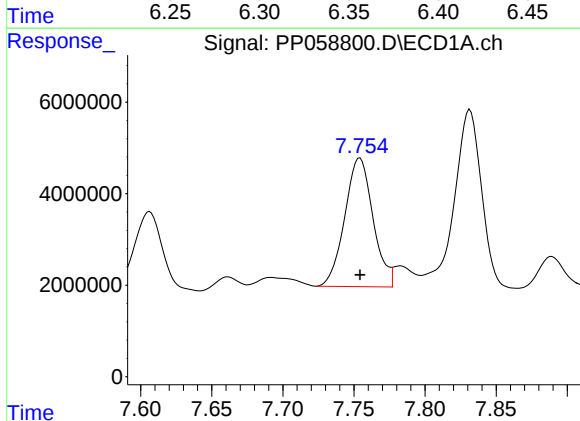
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 27541986
Conc: 562.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



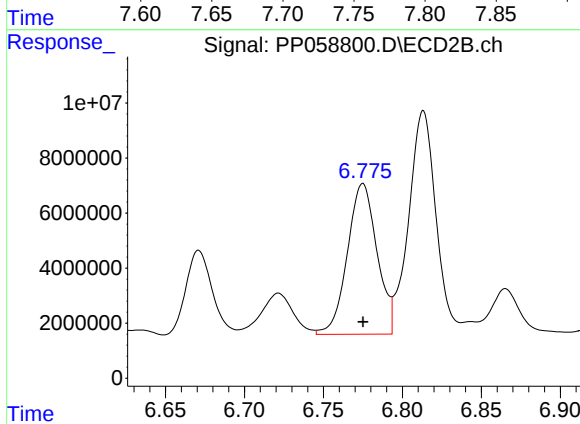
#29 AR-1254-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 43661395
Conc: 528.75 ng/ml



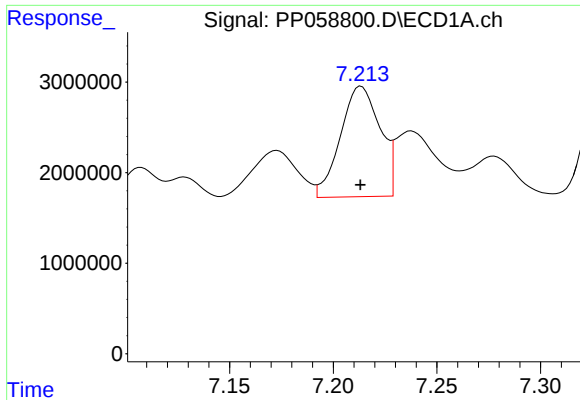
#30 AR-1254-5

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 38935572
Conc: 719.17 ng/ml



#30 AR-1254-5

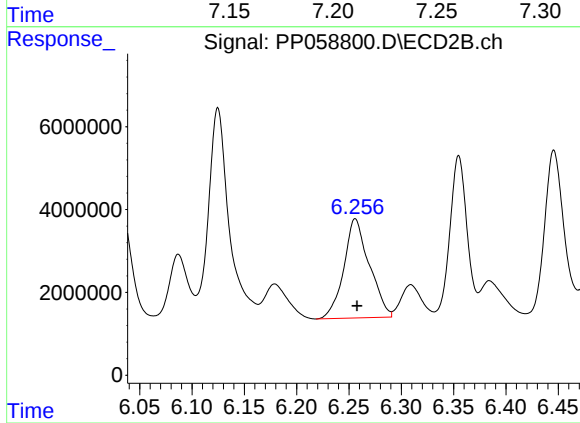
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 71458487
Conc: 557.88 ng/ml



#31 AR-1260-1

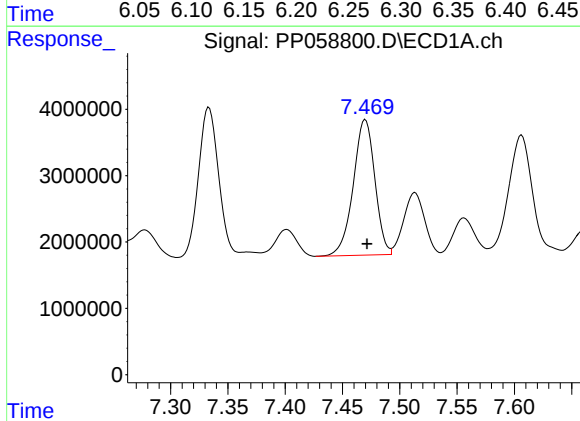
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 16196878
Conc: 284.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



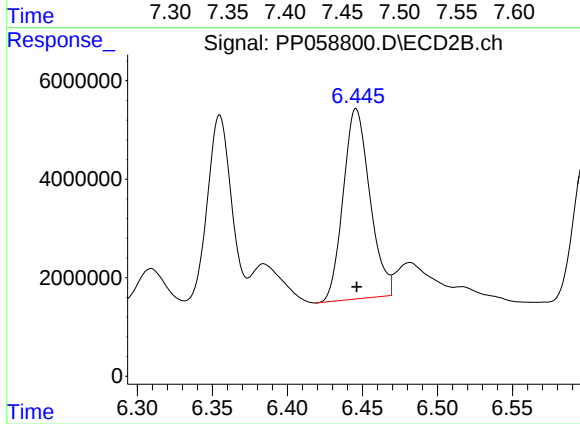
#31 AR-1260-1

R.T.: 6.256 min
Delta R.T.: -0.002 min
Response: 40575849
Conc: 369.89 ng/ml



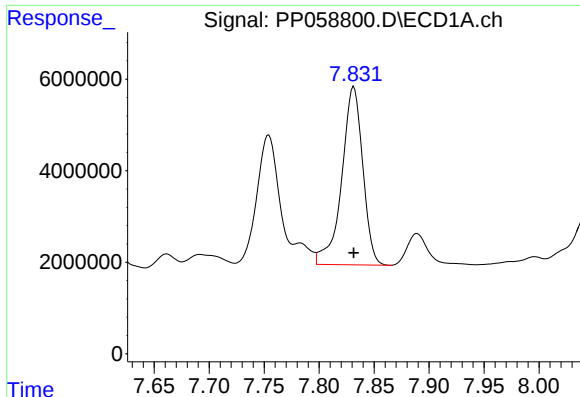
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 26765101
Conc: 413.44 ng/ml



#32 AR-1260-2

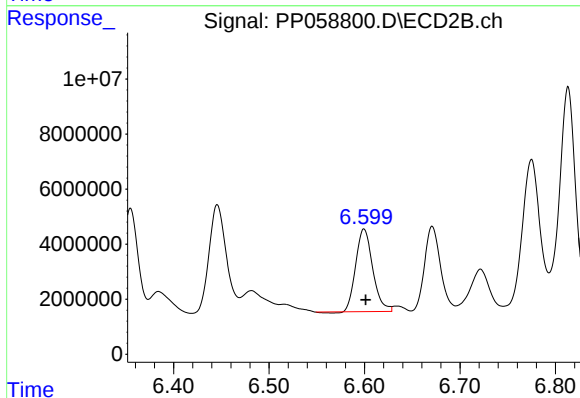
R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 47791447
Conc: 377.44 ng/ml



#33 AR-1260-3

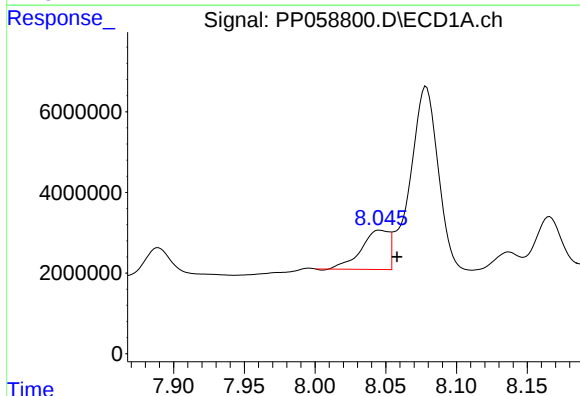
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 51881058
Conc: 1048.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



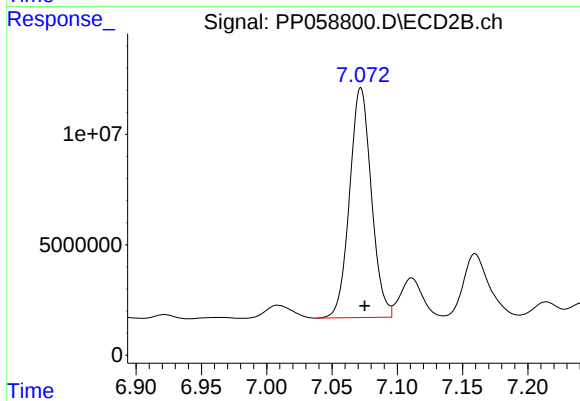
#33 AR-1260-3

R.T.: 6.599 min
Delta R.T.: -0.002 min
Response: 36949210
Conc: 304.73 ng/ml



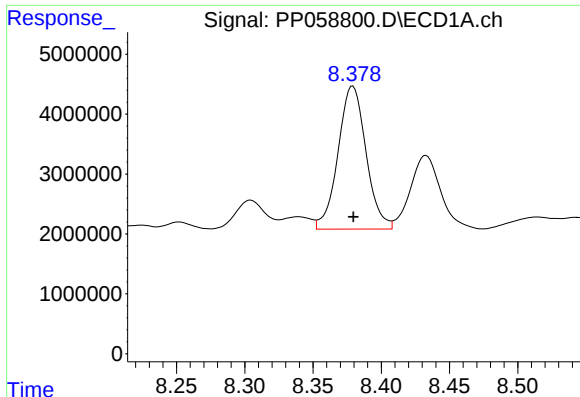
#34 AR-1260-4

R.T.: 8.046 min
Delta R.T.: -0.012 min
Response: 13269055
Conc: 249.84 ng/ml



#34 AR-1260-4

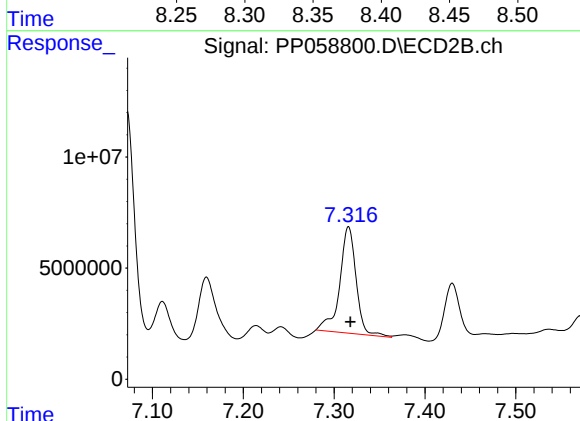
R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 120790930
Conc: 1209.49 ng/ml



#35 AR-1260-5

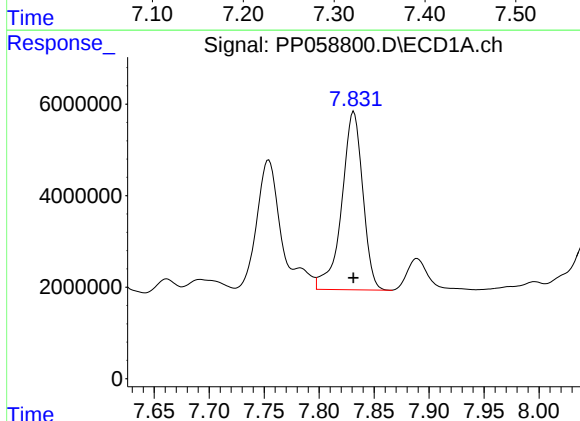
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 34119638
Conc: 354.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



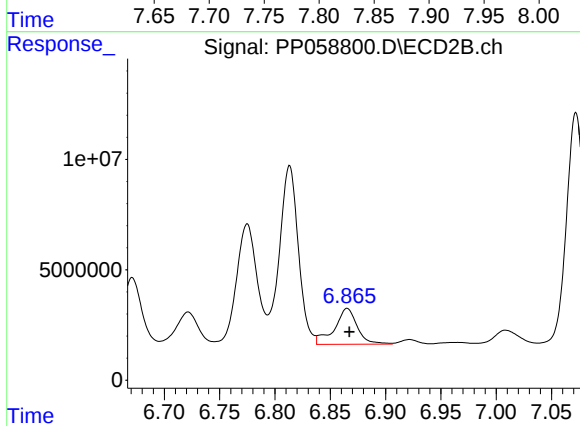
#35 AR-1260-5

R.T.: 7.316 min
Delta R.T.: -0.002 min
Response: 60130457
Conc: 292.68 ng/ml



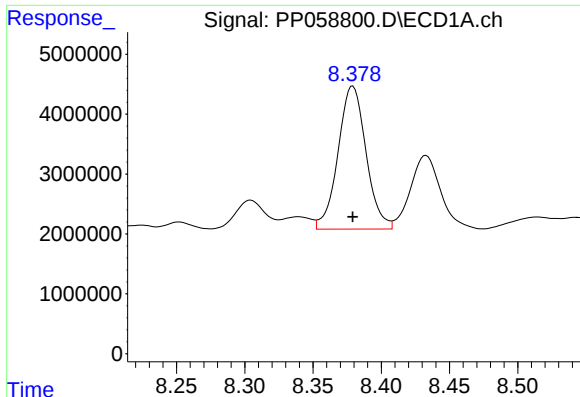
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 51881058
Conc: 750.71 ng/ml



#36 AR-1262-1

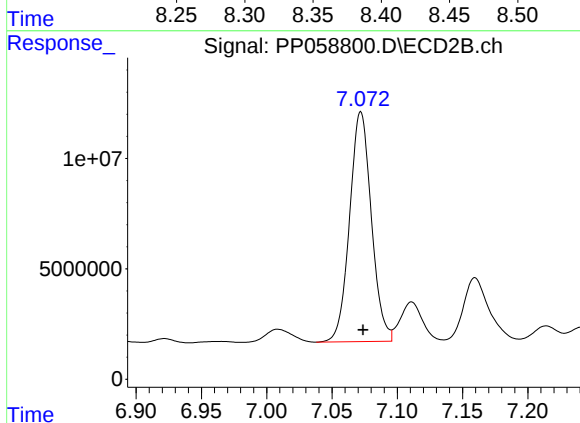
R.T.: 6.865 min
Delta R.T.: -0.002 min
Response: 23379207
Conc: 395.46 ng/ml



#37 AR-1262-2

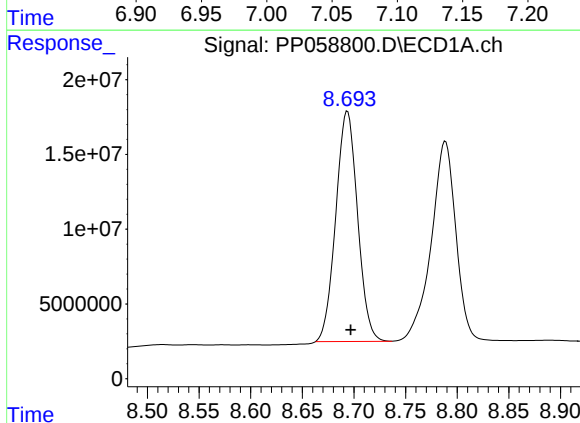
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 34119638
Conc: 318.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



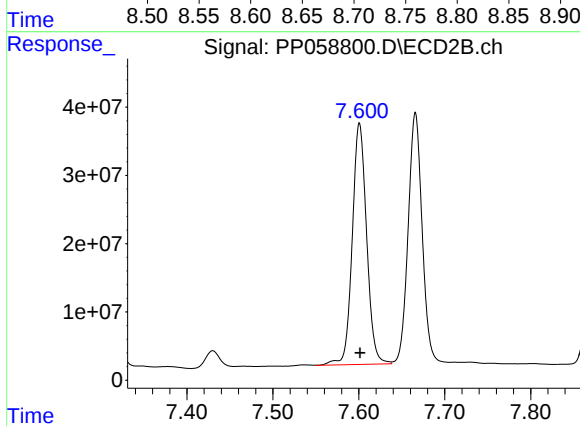
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 120790930
Conc: 968.29 ng/ml



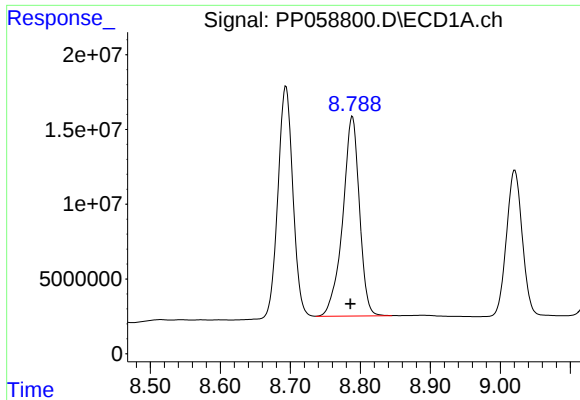
#38 AR-1262-3

R.T.: 8.694 min
Delta R.T.: -0.003 min
Response: 226013419
Conc: 3043.29 ng/ml



#38 AR-1262-3

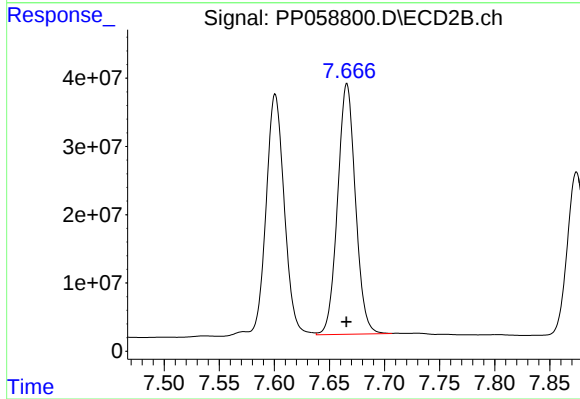
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 410080853
Conc: 4329.15 ng/ml



#39 AR-1262-4

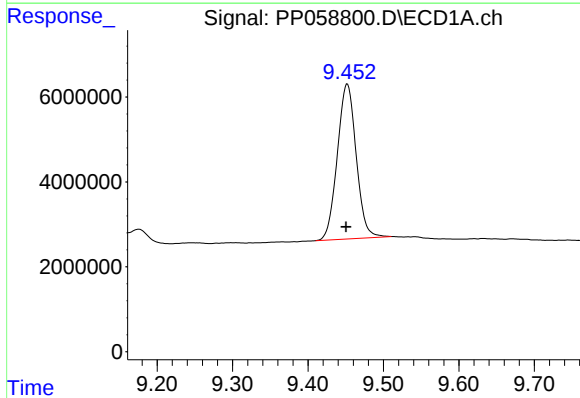
R.T.: 8.789 min
Delta R.T.: 0.003 min
Response: 221680991
Conc: 3811.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



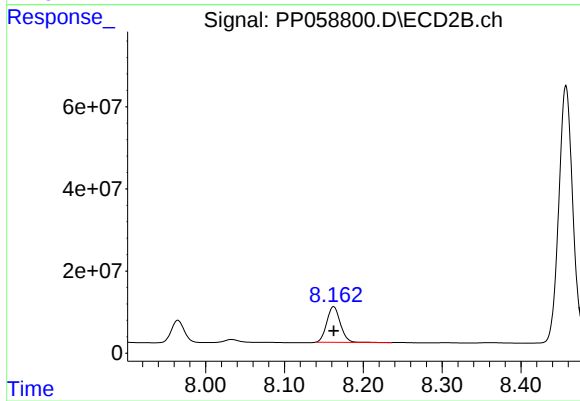
#39 AR-1262-4

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 413850678
Conc: 2489.13 ng/ml



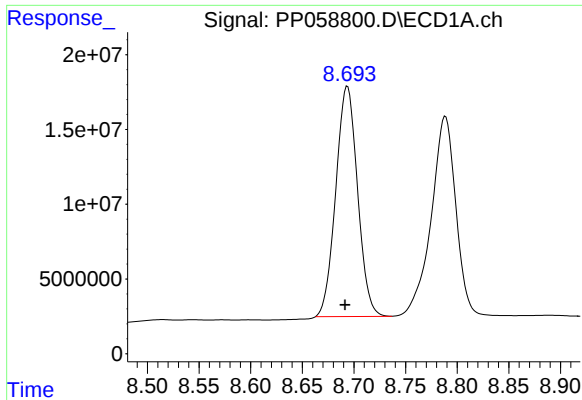
#40 AR-1262-5

R.T.: 9.452 min
Delta R.T.: 0.002 min
Response: 63416301
Conc: 1743.73 ng/ml



#40 AR-1262-5

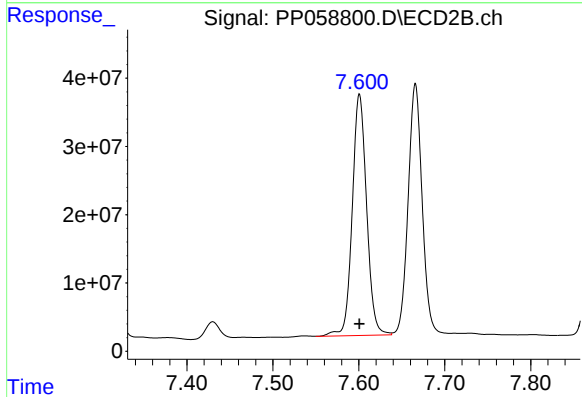
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 103864431
Conc: 1475.45 ng/ml



#41 AR-1268-1

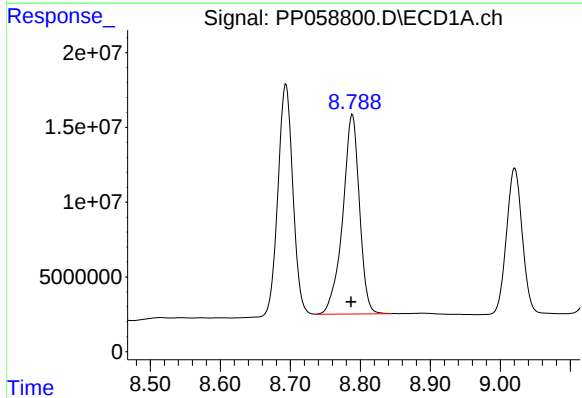
R.T.: 8.694 min
Delta R.T.: 0.002 min
Response: 226013419
Conc: 1750.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



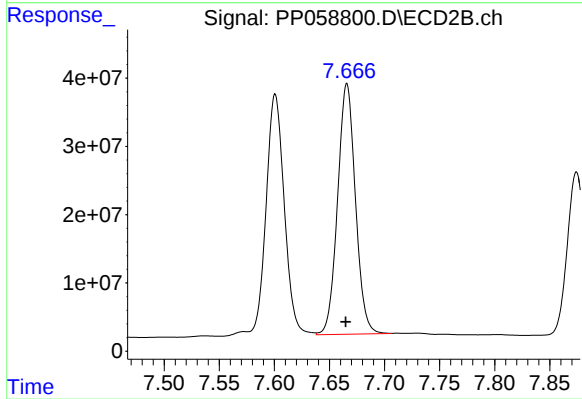
#41 AR-1268-1

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 410080853
Conc: 1471.20 ng/ml



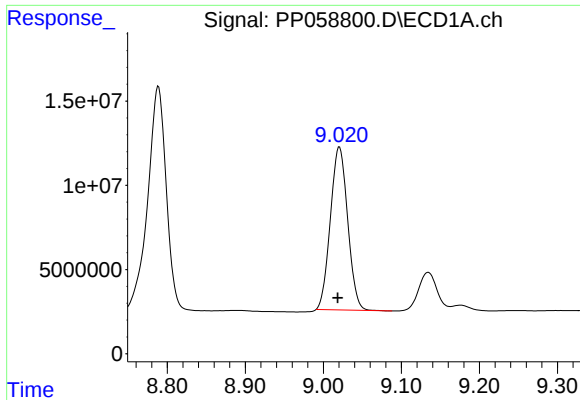
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: 0.002 min
Response: 221680991
Conc: 1886.49 ng/ml



#42 AR-1268-2

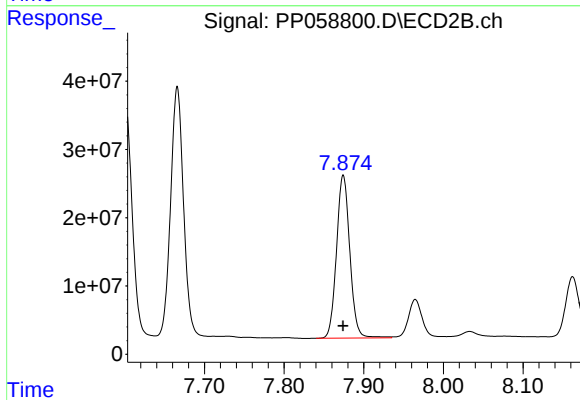
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 413850678
Conc: 1675.42 ng/ml



#43 AR-1268-3

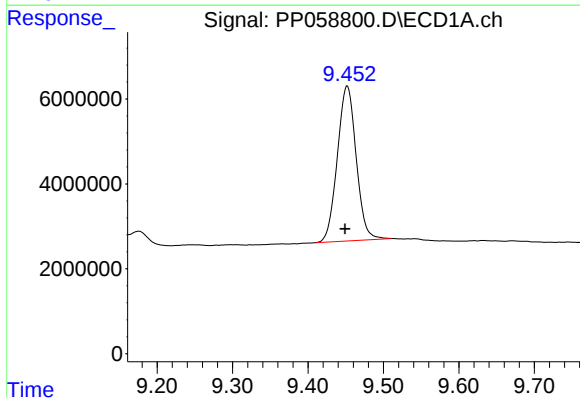
R.T.: 9.021 min
Delta R.T.: 0.002 min
Response: 149342957
Conc: 1463.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



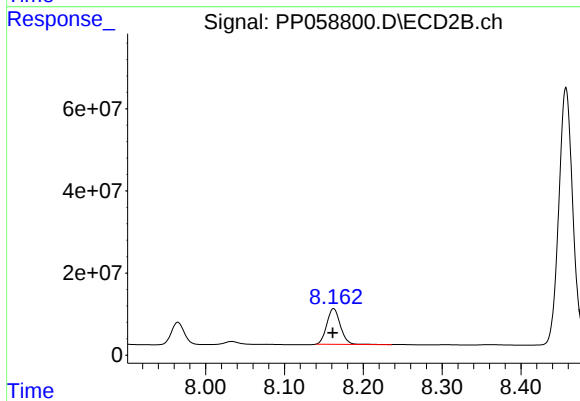
#43 AR-1268-3

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 277175936
Conc: 1249.13 ng/ml



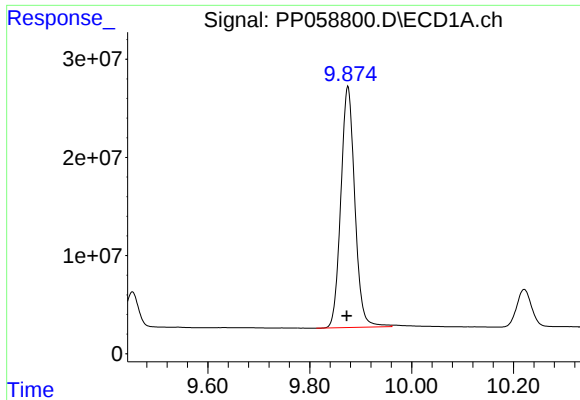
#44 AR-1268-4

R.T.: 9.452 min
Delta R.T.: 0.003 min
Response: 63416301
Conc: 1646.56 ng/ml



#44 AR-1268-4

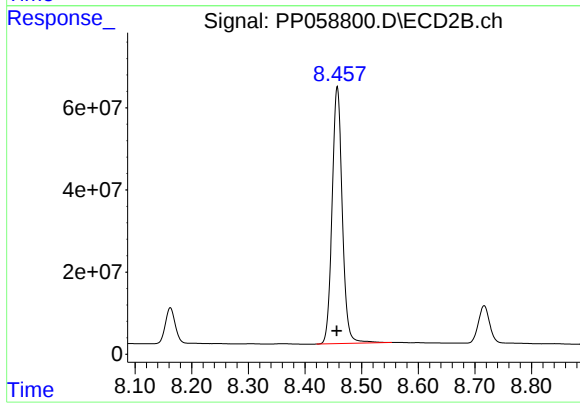
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 103864431
Conc: 1329.55 ng/ml



#45 AR-1268-5

R.T.: 9.875 min
Delta R.T.: 0.002 min
Response: 467706330
Conc: 1419.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.001 min
Response: 781573756
Conc: 1228.12 ng/ml