

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 13:55
 Operator : YP\AJ
 Sample : 03567-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:57:09 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	24863013	36453240	17.016	17.059
2)	SA Decachlor...	10.222	8.716	29683671	49987371	33.237	27.517
Target Compounds							
3)	L1 AR-1016-1	5.601	4.784f	1417442	2014550	33.039	30.912
4)	L1 AR-1016-2	5.624	4.784	1470488	2014550	24.307	21.601
5)	L1 AR-1016-3	5.686	4.961	492585	292579	12.713	5.973 #
6)	L1 AR-1016-4	5.781	5.001	339317	1379499	10.952	32.044 #
7)	L1 AR-1016-5	6.091	5.214	1477783	838935	46.700	15.152 #
8)	L2 AR-1221-1	4.629	3.887	1091045	1214813	57.873	47.297
9)	L2 AR-1221-2	4.731	3.967	402081	699261	28.801	36.253 #
10)	L2 AR-1221-3	4.813	4.045	141018	259068	3.449	4.316 #
11)	L3 AR-1232-1	4.813	4.045	141018	259068	4.287	5.296
12)	L3 AR-1232-2	5.333	4.784	352506	2014550	20.269	47.276 #
13)	L3 AR-1232-3	5.624	4.961	1470488	292579	51.913	13.071 #
14)	L3 AR-1232-4	5.781	5.043	339317	1115961	23.727	50.988 #
15)	L3 AR-1232-5	5.876	5.214	858073	838935	72.998	34.259 #
16)	L4 AR-1242-1	5.601	4.784f	1417442	2014550	37.081	35.623
17)	L4 AR-1242-2	5.624	4.784	1470488	2014550	27.471	24.995
18)	L4 AR-1242-3	5.686	4.961	492585	292579	14.411	6.870 #
19)	L4 AR-1242-4	5.781	5.043	339317	1115961	12.348	25.119 #
20)	L4 AR-1242-5	6.527	5.570	1340603	8064363	51.478	154.555 #
21)	L5 AR-1248-1	5.601	4.784f	1417442	2014550	52.346	49.860
22)	L5 AR-1248-2	5.876	5.001	858073	1379499	21.720	22.644
23)	L5 AR-1248-3	6.091	5.043	1477783	1115961	33.318	18.102 #
24)	L5 AR-1248-4	6.492	5.214	3361445	838935	79.635	11.518 #
25)	L5 AR-1248-5	6.527	5.611	1340603	2069520	32.852	31.814
26)	L6 AR-1254-1	6.456	5.570	4858897	8064363	99.837	73.719 #
27)	L6 AR-1254-2	6.680	5.719	6470686	9543193	90.505	99.911
28)	L6 AR-1254-3	7.048	6.125	7970180	19955043	108.081	132.526
29)	L6 AR-1254-4	7.334	6.355	5692876	10668391	116.305	129.196
30)	L6 AR-1254-5	7.755	6.774	13227167	36579204	244.315	285.574
31)	L7 AR-1260-1	7.215	6.256	4341612	14227804	76.207	129.700 #
32)	L7 AR-1260-2	7.469	6.450	13441892	45790811	207.634	361.637 #
33)	L7 AR-1260-3	7.831	6.599	16115429	10292541	325.609	84.885 #
34)	L7 AR-1260-4	8.047	7.072	5575545	32394622	104.981	324.370 #
35)	L7 AR-1260-5	8.379	7.315	10464039	17508896	108.737	85.224
36)	L8 AR-1262-1	7.831	6.865	16115429	7025746	233.186	118.842 #
37)	L8 AR-1262-2	8.379	7.072	10464039	32394622	97.583	259.683 #
38)	L8 AR-1262-3	8.693	7.601	56005062	106.7E6	754.112	1126.919 #
39)	L8 AR-1262-4	8.789	7.665	46167388	89631984	793.737	539.096 #
40)	L8 AR-1262-5	9.451	8.162	12708991	22354808	349.453	317.563
41)	L9 AR-1268-1	8.693	7.601	56005062	106.7E6	433.799	382.969

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 ALS Vial : 22 Sample Multiplier: 1

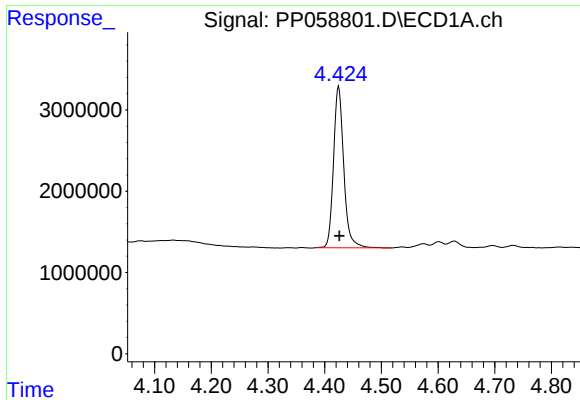
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:57:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.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	8.789	7.665	46167388	89631984	392.881	362.863
43) L9	AR-1268-3	9.021	7.874	35650952	66053139	349.465	297.676
44) L9	AR-1268-4	9.451	8.162	12708991	22354808	329.981	286.159
45) L9	AR-1268-5	9.875	8.456	104.6E6	176.7E6	317.424	277.675

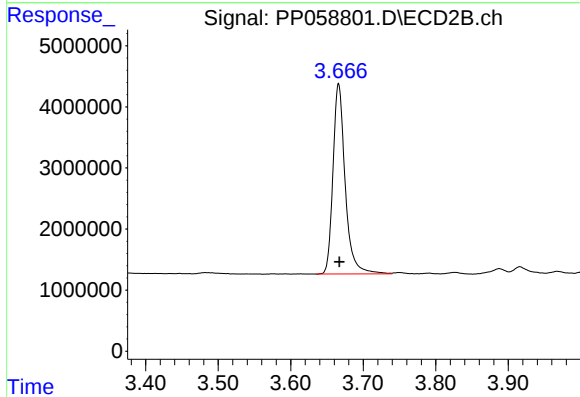
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

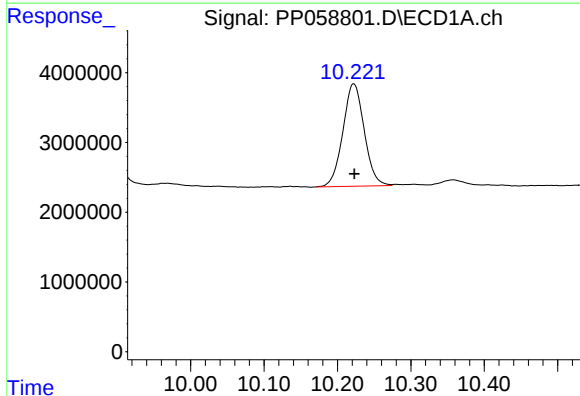
R.T.: 4.425 min
Delta R.T.: -0.001 min
Response: 24863013
Conc: 17.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



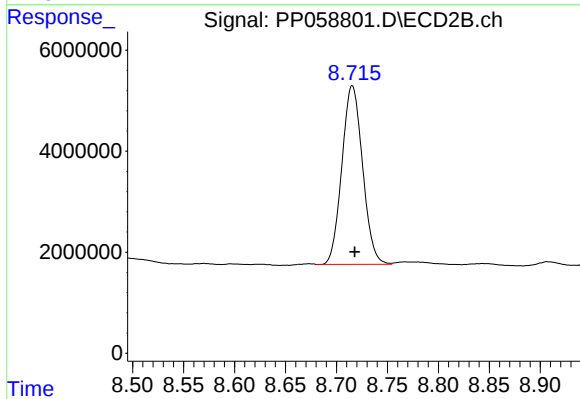
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 36453240
Conc: 17.06 ng/ml



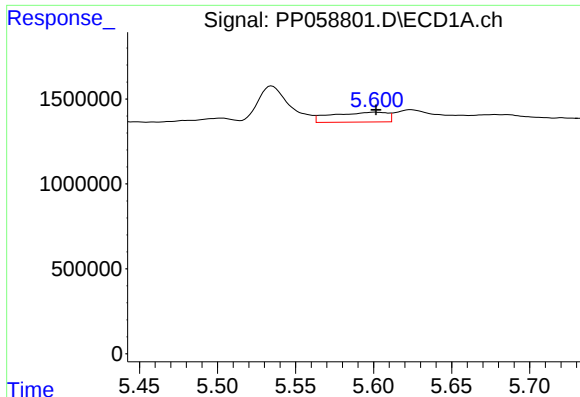
#2 Decachlorobiphenyl

R.T.: 10.222 min
Delta R.T.: 0.000 min
Response: 29683671
Conc: 33.24 ng/ml



#2 Decachlorobiphenyl

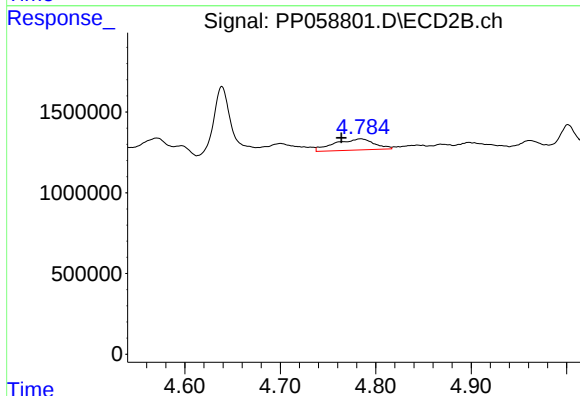
R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 49987371
Conc: 27.52 ng/ml



#3 AR-1016-1

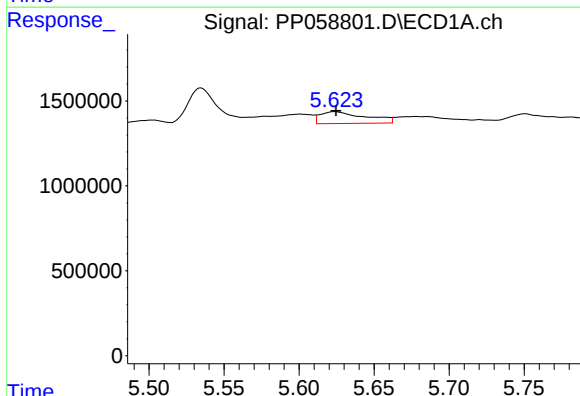
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1417442
Conc: 33.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



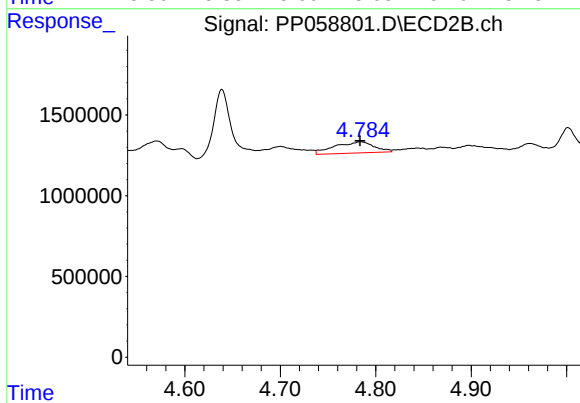
#3 AR-1016-1

R.T.: 4.784 min
Delta R.T.: 0.020 min
Response: 2014550
Conc: 30.91 ng/ml



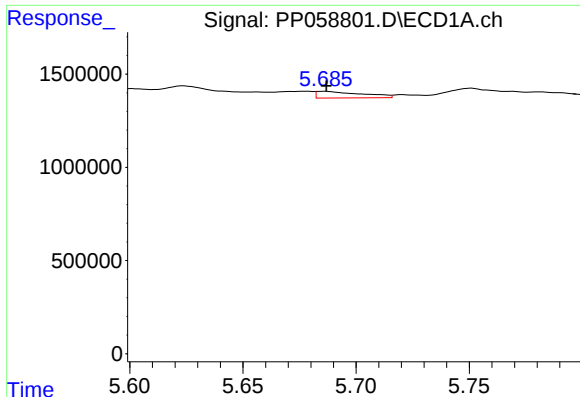
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 1470488
Conc: 24.31 ng/ml



#4 AR-1016-2

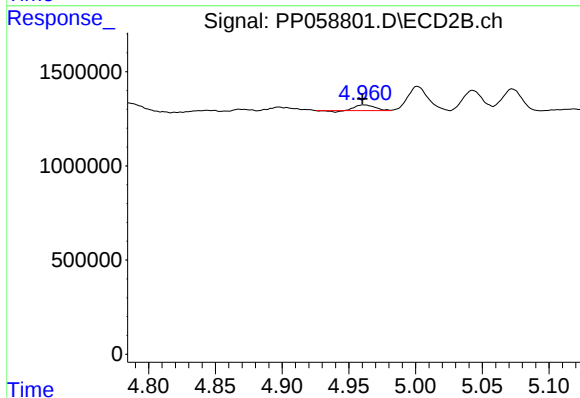
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 2014550
Conc: 21.60 ng/ml



#5 AR-1016-3

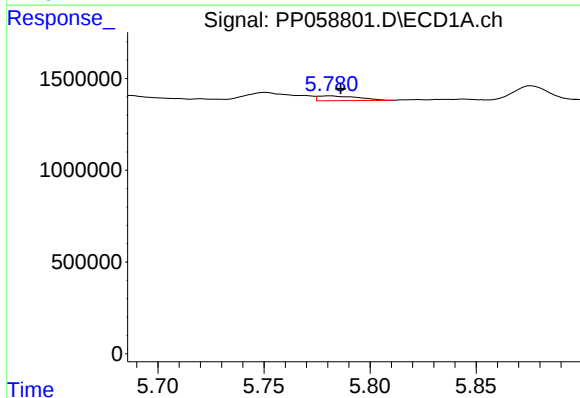
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 492585
Conc: 12.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



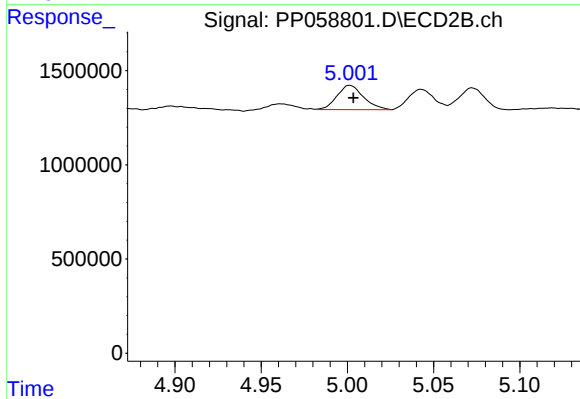
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 292579
Conc: 5.97 ng/ml



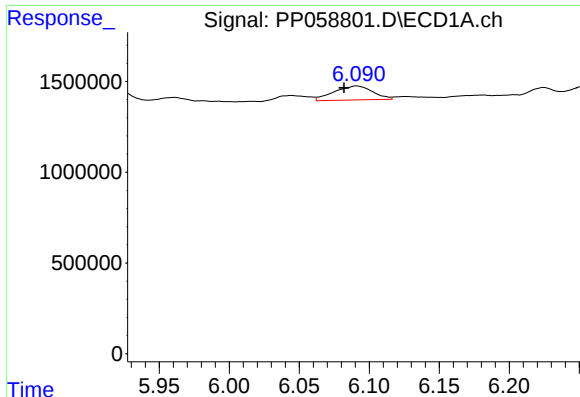
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 339317
Conc: 10.95 ng/ml



#6 AR-1016-4

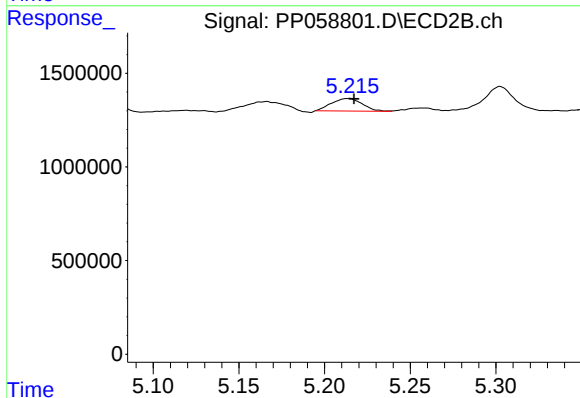
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 1379499
Conc: 32.04 ng/ml



#7 AR-1016-5

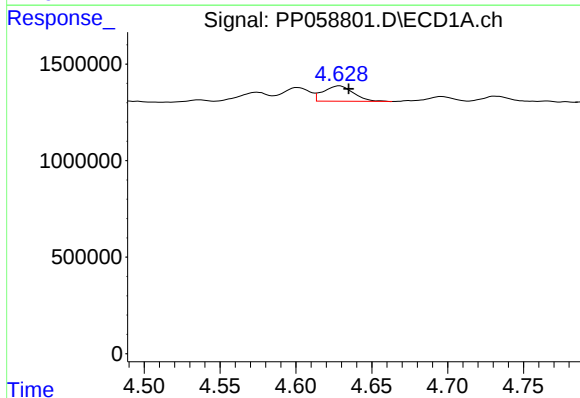
R.T.: 6.091 min
Delta R.T.: 0.009 min
Response: 1477783
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



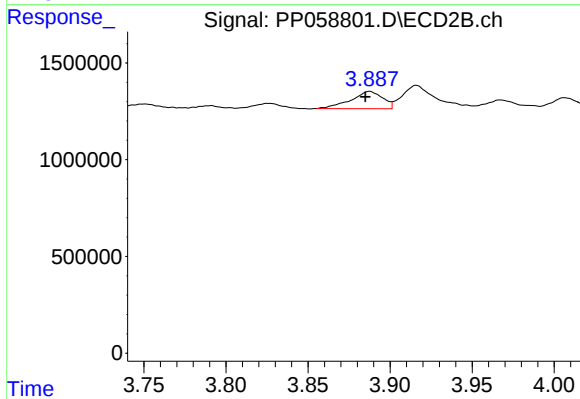
#7 AR-1016-5

R.T.: 5.214 min
Delta R.T.: -0.003 min
Response: 838935
Conc: 15.15 ng/ml



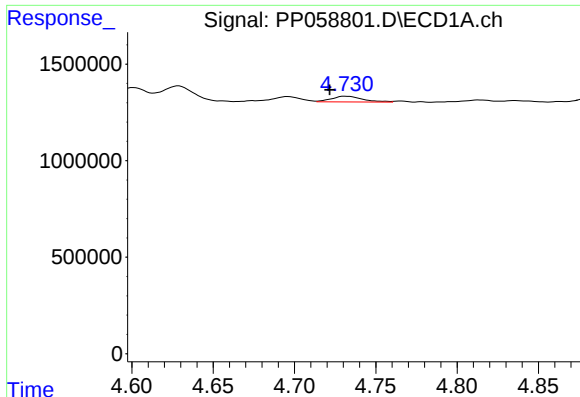
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: -0.006 min
Response: 1091045
Conc: 57.87 ng/ml



#8 AR-1221-1

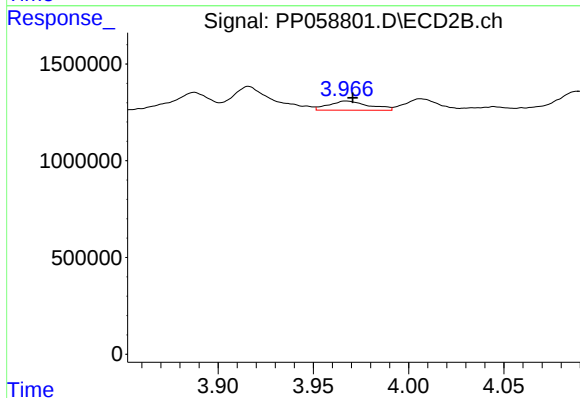
R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 1214813
Conc: 47.30 ng/ml



#9 AR-1221-2

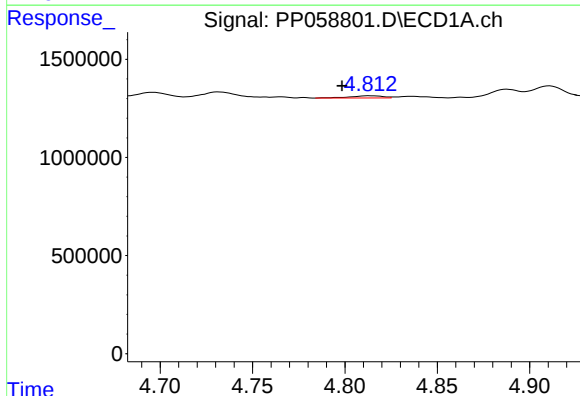
R.T.: 4.731 min
Delta R.T.: 0.010 min
Response: 402081
Conc: 28.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



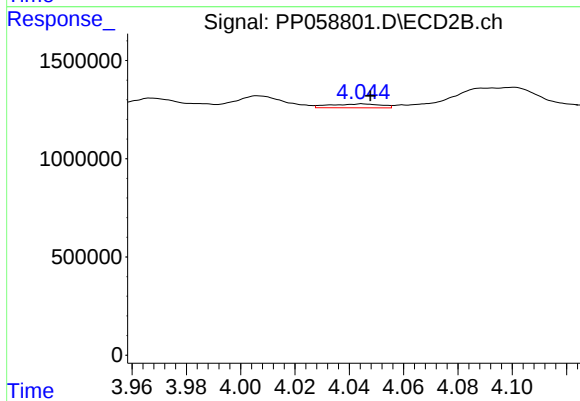
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 699261
Conc: 36.25 ng/ml



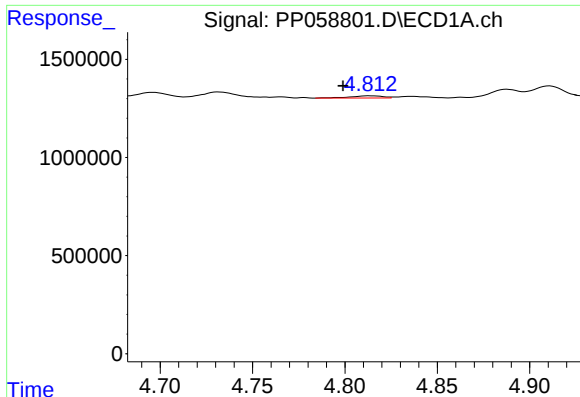
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: 0.015 min
Response: 141018
Conc: 3.45 ng/ml



#10 AR-1221-3

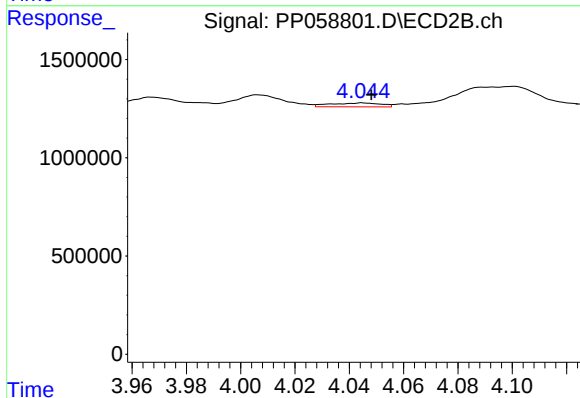
R.T.: 4.045 min
Delta R.T.: -0.003 min
Response: 259068
Conc: 4.32 ng/ml



#11 AR-1232-1

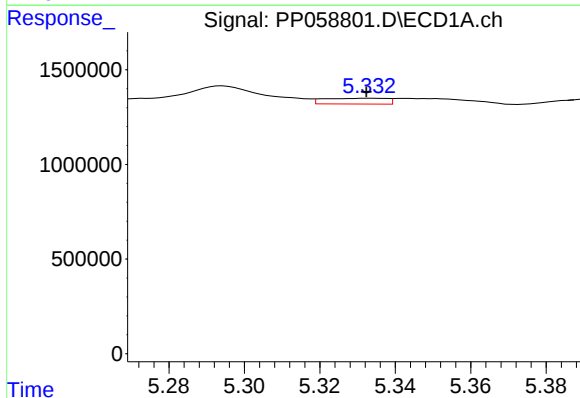
R.T.: 4.813 min
Delta R.T.: 0.014 min
Response: 141018
Conc: 4.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



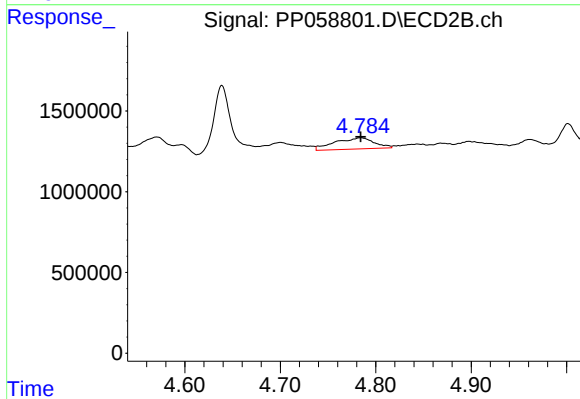
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.003 min
Response: 259068
Conc: 5.30 ng/ml



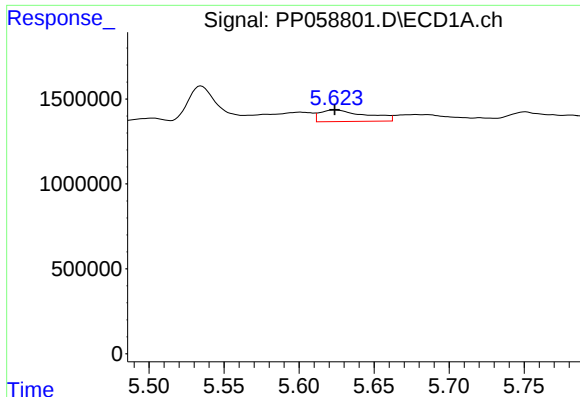
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 352506
Conc: 20.27 ng/ml



#12 AR-1232-2

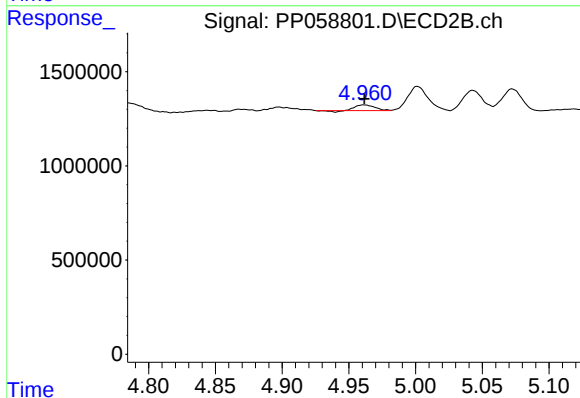
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 2014550
Conc: 47.28 ng/ml



#13 AR-1232-3

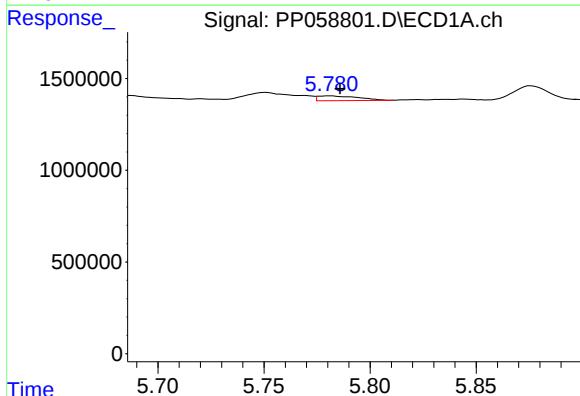
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 1470488
Conc: 51.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



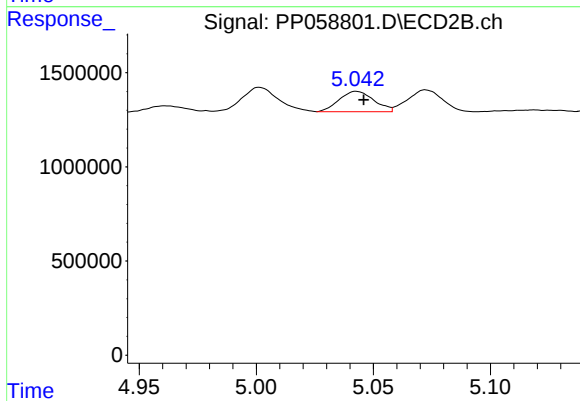
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 292579
Conc: 13.07 ng/ml



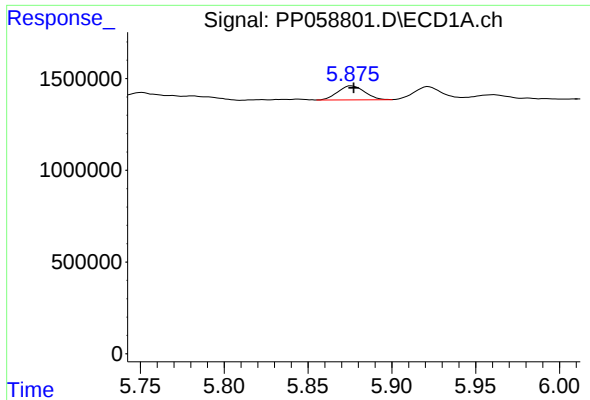
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 339317
Conc: 23.73 ng/ml



#14 AR-1232-4

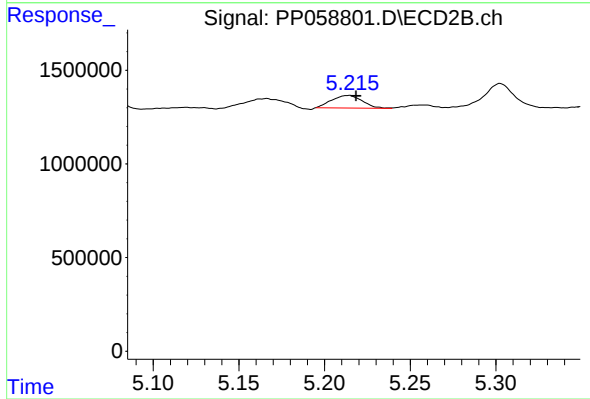
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 1115961
Conc: 50.99 ng/ml



#15 AR-1232-5

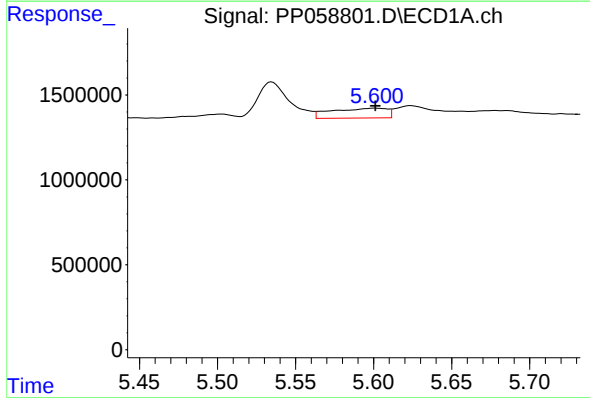
R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 858073
Conc: 73.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



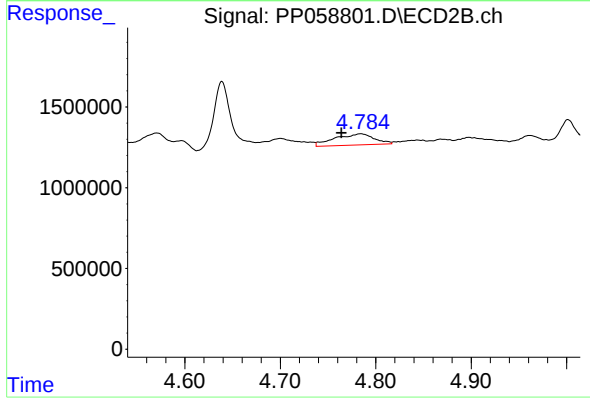
#15 AR-1232-5

R.T.: 5.214 min
Delta R.T.: -0.004 min
Response: 838935
Conc: 34.26 ng/ml



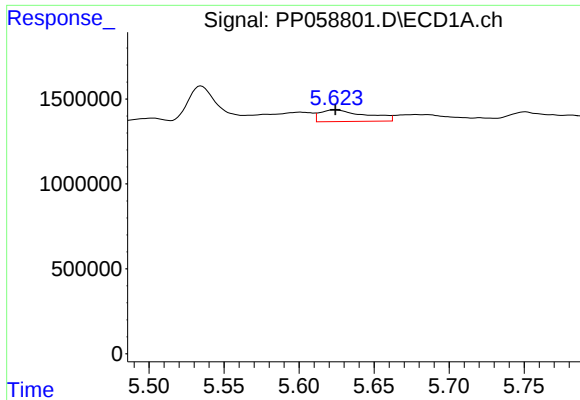
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1417442
Conc: 37.08 ng/ml



#16 AR-1242-1

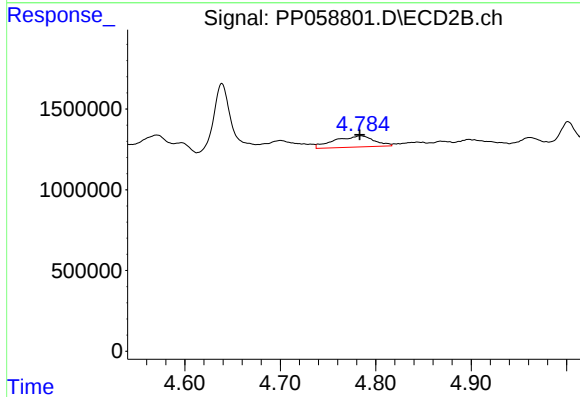
R.T.: 4.784 min
Delta R.T.: 0.020 min
Response: 2014550
Conc: 35.62 ng/ml



#17 AR-1242-2

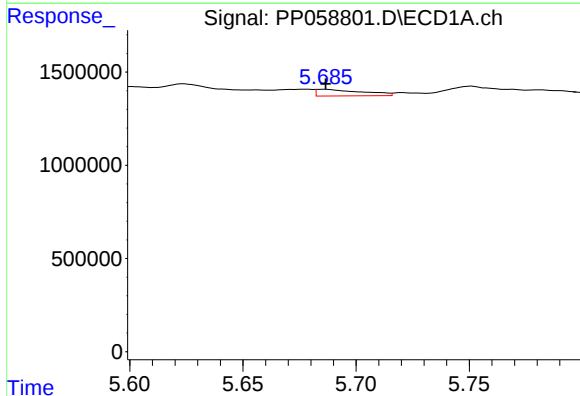
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 1470488
Conc: 27.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



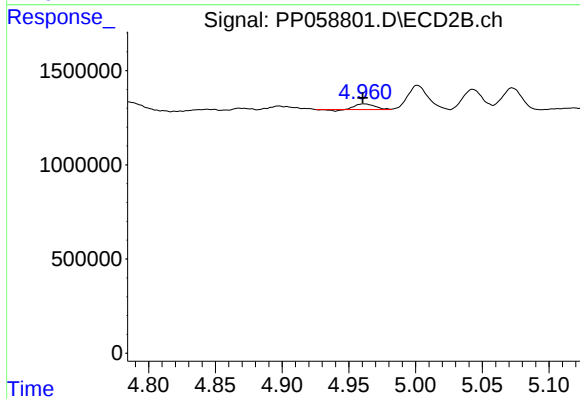
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: 0.001 min
Response: 2014550
Conc: 25.00 ng/ml



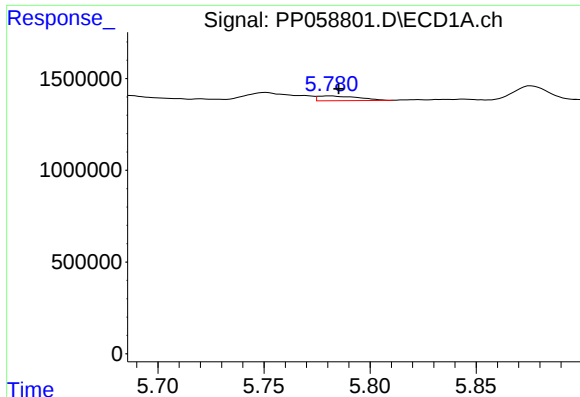
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 492585
Conc: 14.41 ng/ml



#18 AR-1242-3

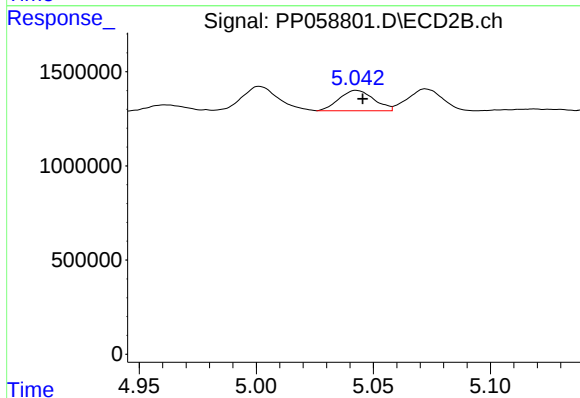
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 292579
Conc: 6.87 ng/ml



#19 AR-1242-4

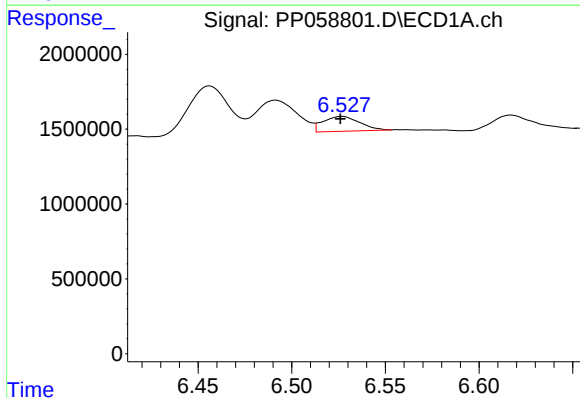
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 339317
Conc: 12.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



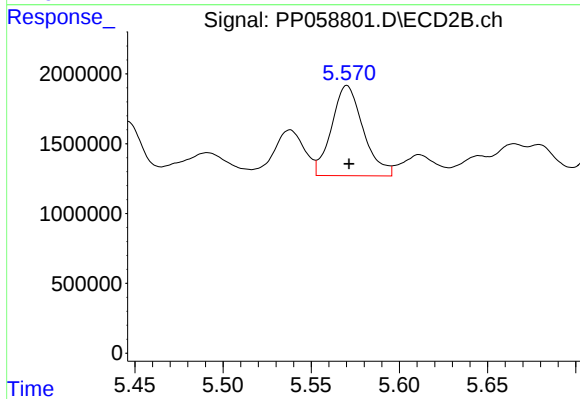
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 1115961
Conc: 25.12 ng/ml



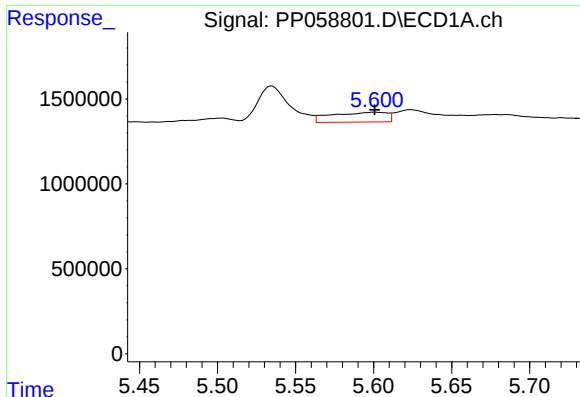
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: 0.001 min
Response: 1340603
Conc: 51.48 ng/ml



#20 AR-1242-5

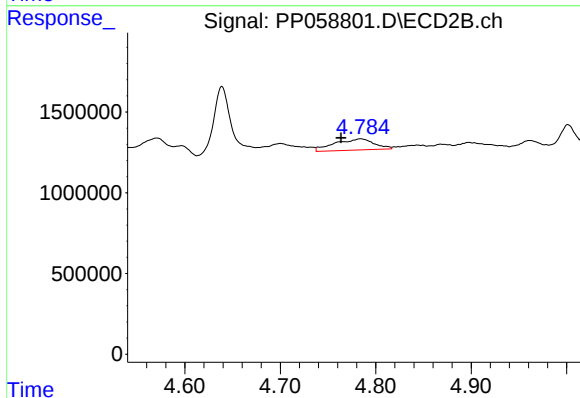
R.T.: 5.570 min
Delta R.T.: -0.001 min
Response: 8064363
Conc: 154.55 ng/ml



#21 AR-1248-1

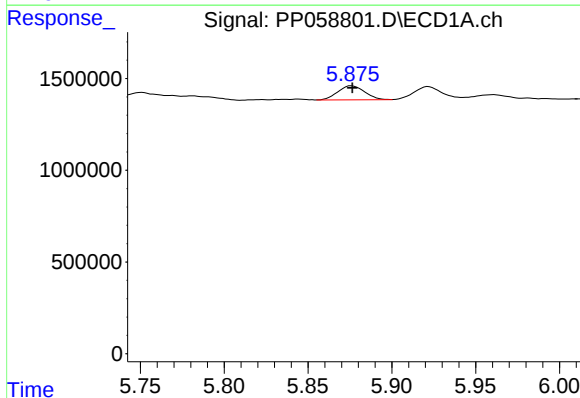
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1417442
Conc: 52.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



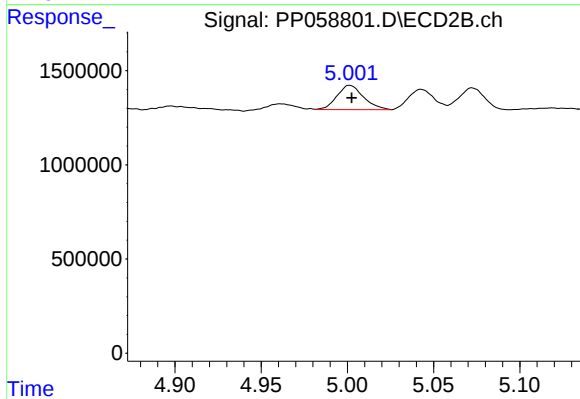
#21 AR-1248-1

R.T.: 4.784 min
Delta R.T.: 0.021 min
Response: 2014550
Conc: 49.86 ng/ml



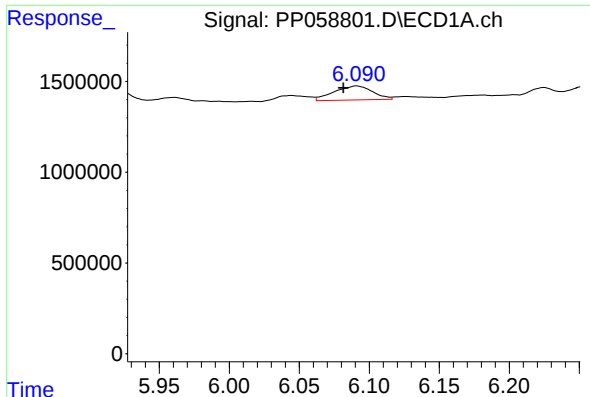
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 858073
Conc: 21.72 ng/ml



#22 AR-1248-2

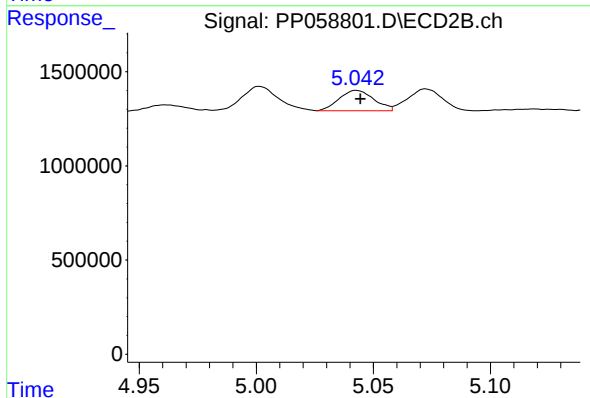
R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 1379499
Conc: 22.64 ng/ml



#23 AR-1248-3

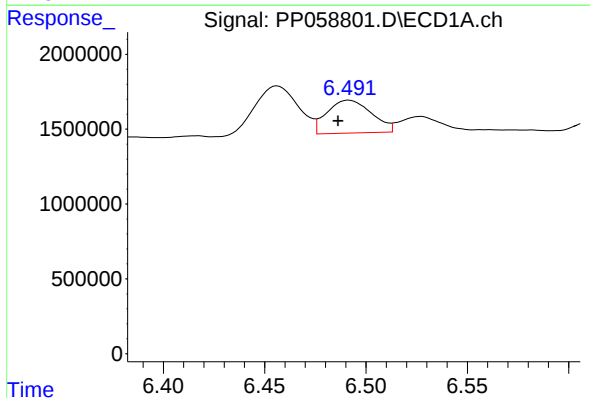
R.T.: 6.091 min
Delta R.T.: 0.010 min
Response: 1477783
Conc: 33.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



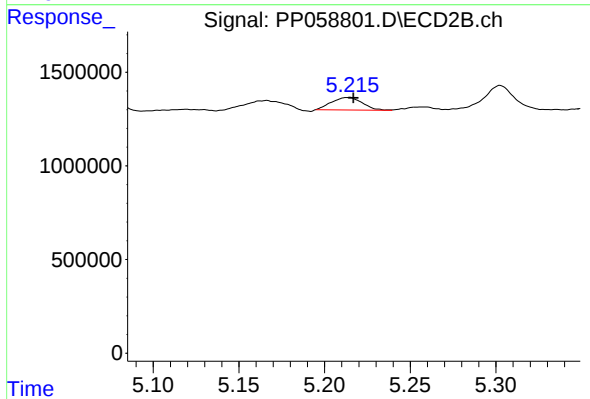
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 1115961
Conc: 18.10 ng/ml



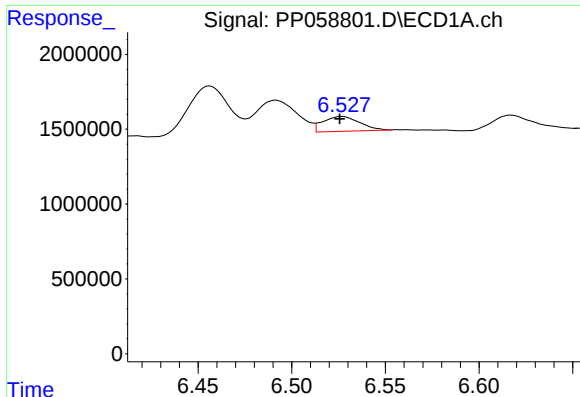
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: 0.005 min
Response: 3361445
Conc: 79.64 ng/ml



#24 AR-1248-4

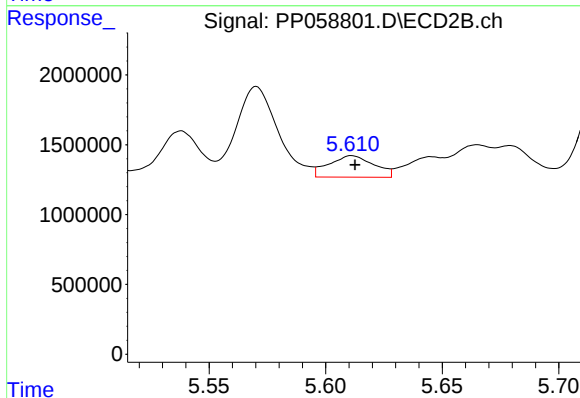
R.T.: 5.214 min
Delta R.T.: -0.003 min
Response: 838935
Conc: 11.52 ng/ml



#25 AR-1248-5

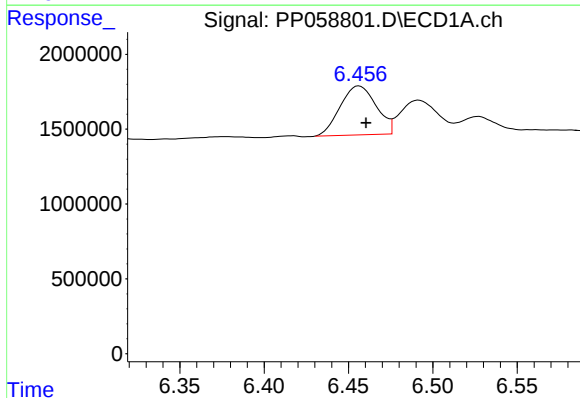
R.T.: 6.527 min
Delta R.T.: 0.001 min
Response: 1340603
Conc: 32.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



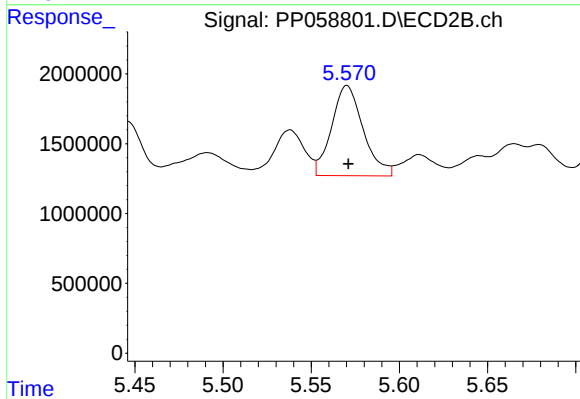
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: -0.001 min
Response: 2069520
Conc: 31.81 ng/ml



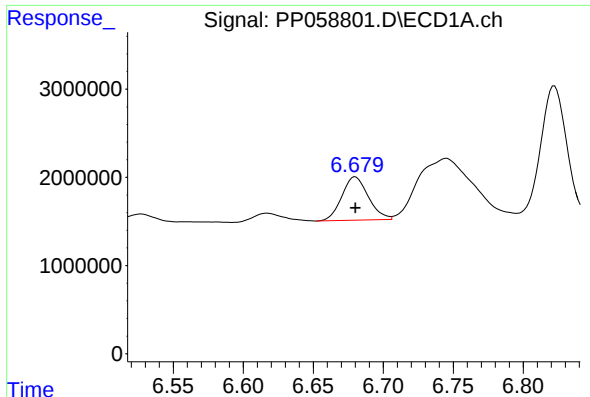
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 4858897
Conc: 99.84 ng/ml



#26 AR-1254-1

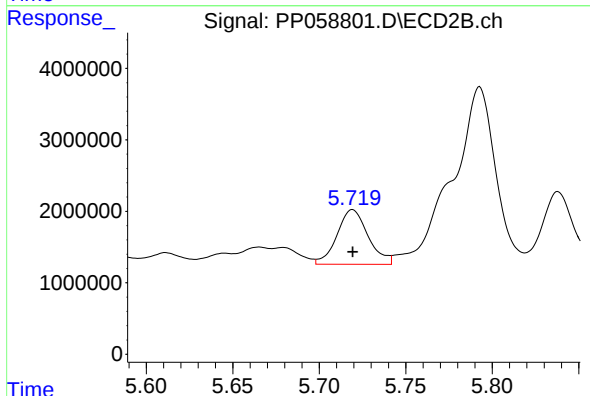
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 8064363
Conc: 73.72 ng/ml



#27 AR-1254-2

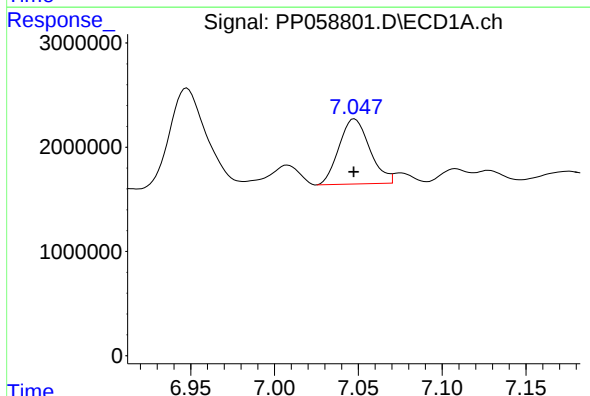
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 6470686
Conc: 90.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



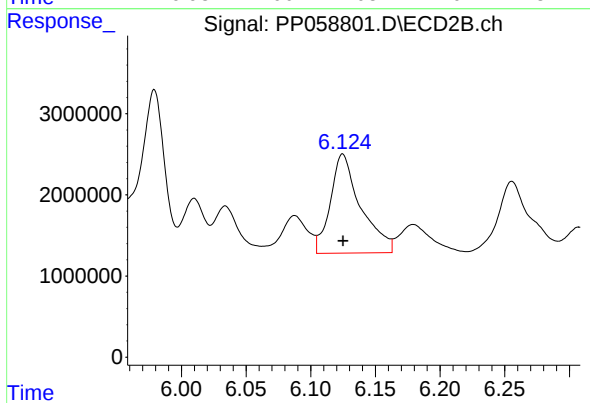
#27 AR-1254-2

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 9543193
Conc: 99.91 ng/ml



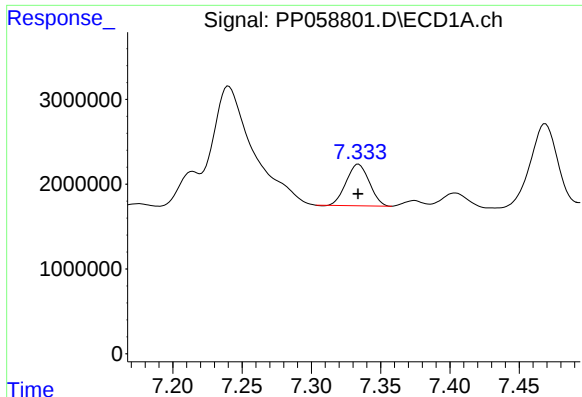
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 7970180
Conc: 108.08 ng/ml



#28 AR-1254-3

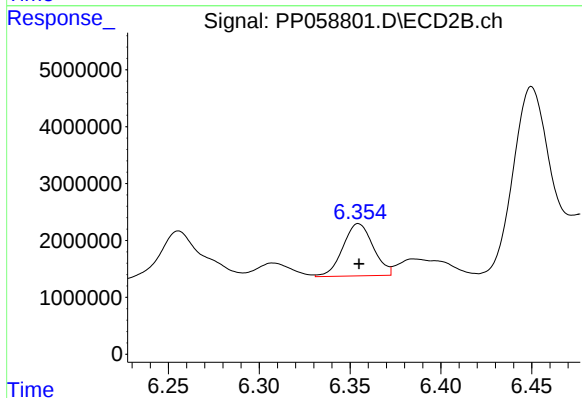
R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 19955043
Conc: 132.53 ng/ml



#29 AR-1254-4

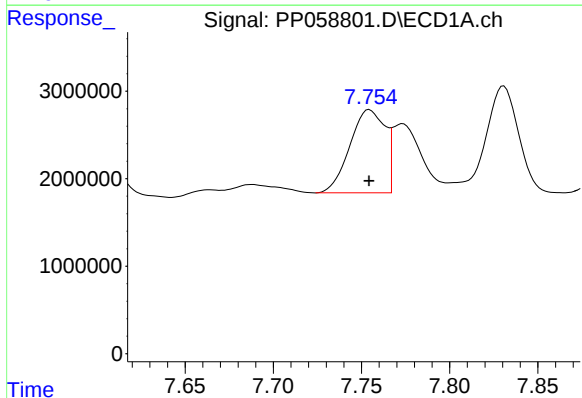
R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 5692876
Conc: 116.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



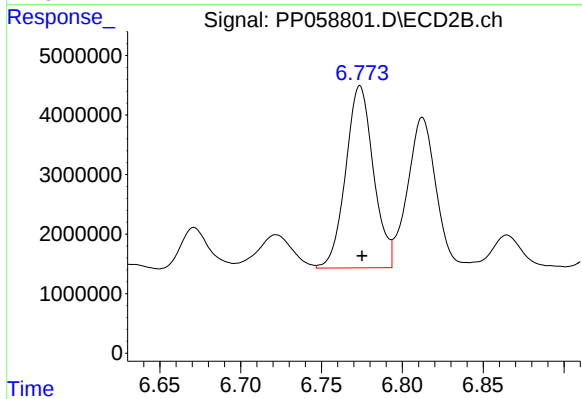
#29 AR-1254-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 10668391
Conc: 129.20 ng/ml



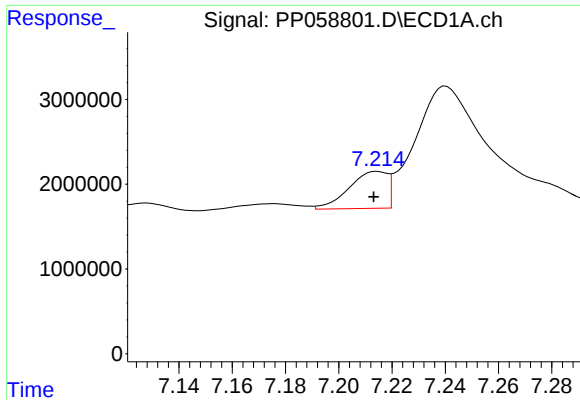
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 13227167
Conc: 244.32 ng/ml



#30 AR-1254-5

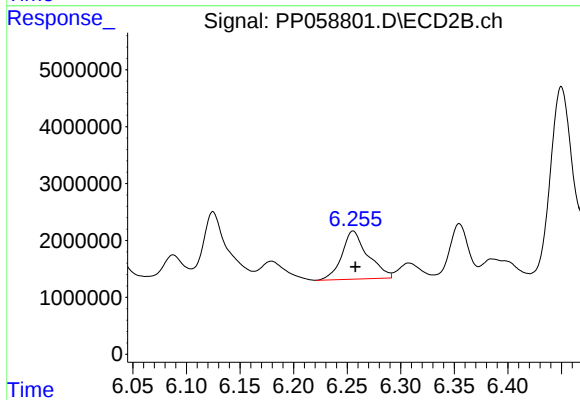
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 36579204
Conc: 285.57 ng/ml



#31 AR-1260-1

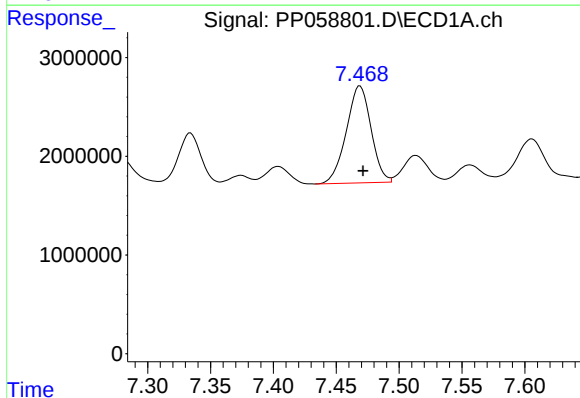
R.T.: 7.215 min
Delta R.T.: 0.001 min
Response: 4341612
Conc: 76.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



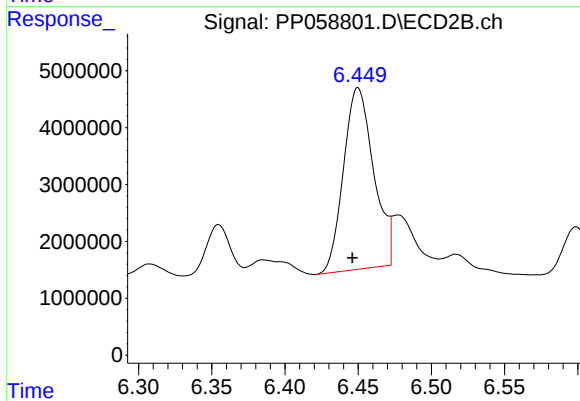
#31 AR-1260-1

R.T.: 6.256 min
Delta R.T.: -0.002 min
Response: 14227804
Conc: 129.70 ng/ml



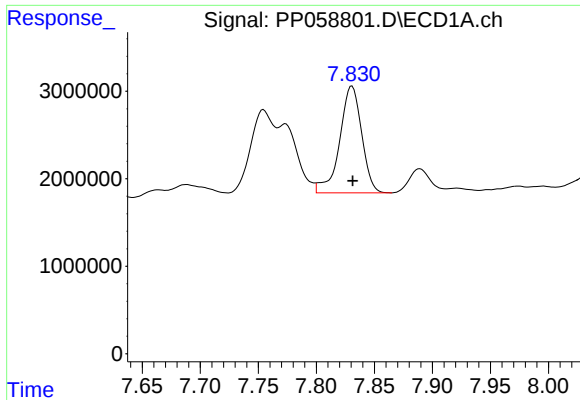
#32 AR-1260-2

R.T.: 7.469 min
Delta R.T.: -0.003 min
Response: 13441892
Conc: 207.63 ng/ml



#32 AR-1260-2

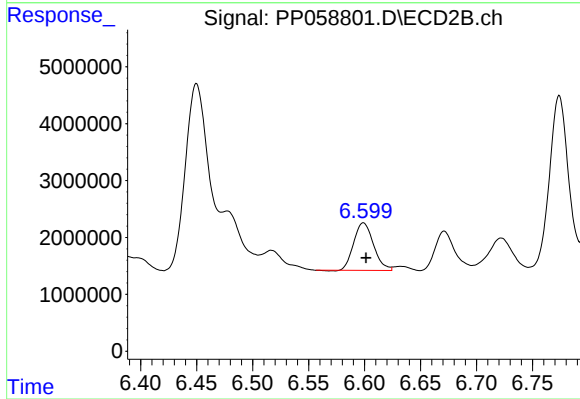
R.T.: 6.450 min
Delta R.T.: 0.004 min
Response: 45790811
Conc: 361.64 ng/ml



#33 AR-1260-3

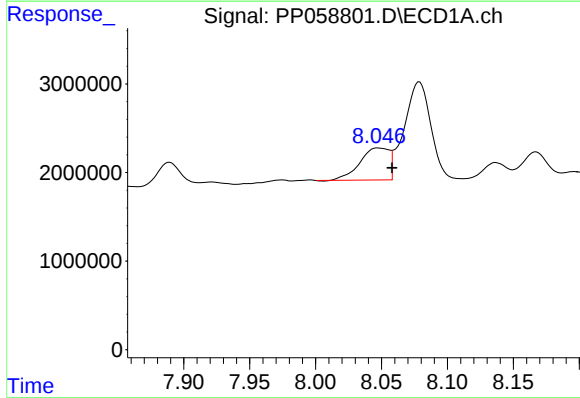
R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 16115429
Conc: 325.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



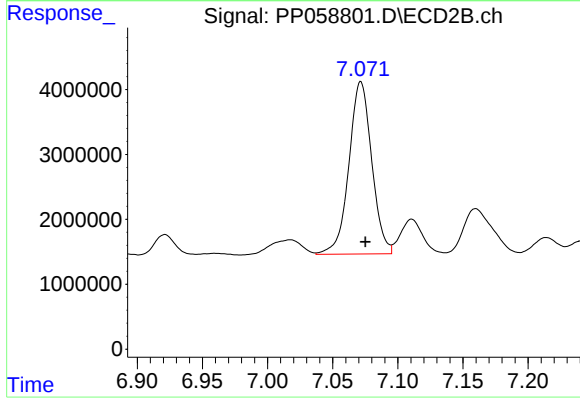
#33 AR-1260-3

R.T.: 6.599 min
Delta R.T.: -0.002 min
Response: 10292541
Conc: 84.89 ng/ml



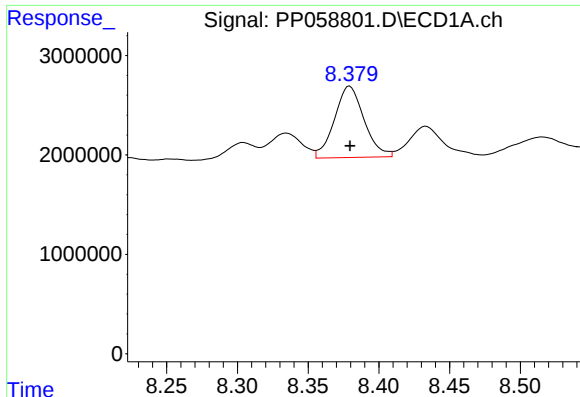
#34 AR-1260-4

R.T.: 8.047 min
Delta R.T.: -0.011 min
Response: 5575545
Conc: 104.98 ng/ml



#34 AR-1260-4

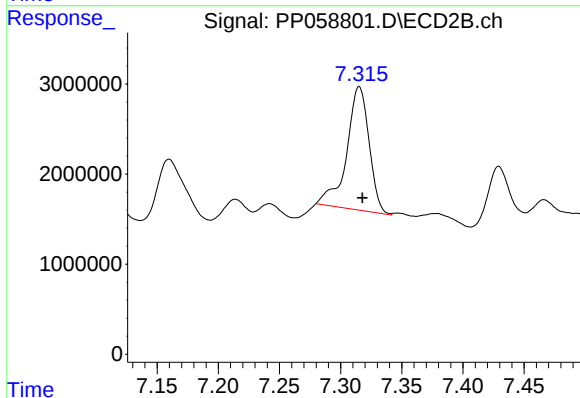
R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 32394622
Conc: 324.37 ng/ml



#35 AR-1260-5

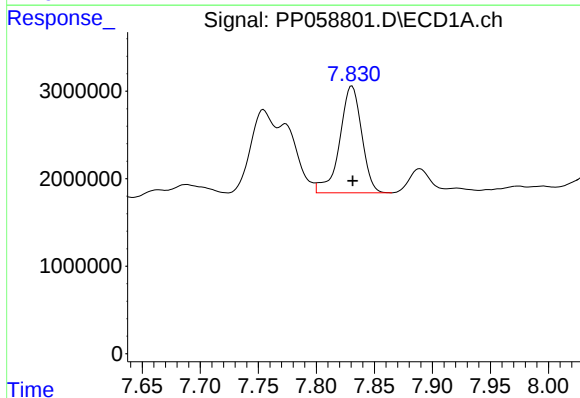
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 10464039
Conc: 108.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



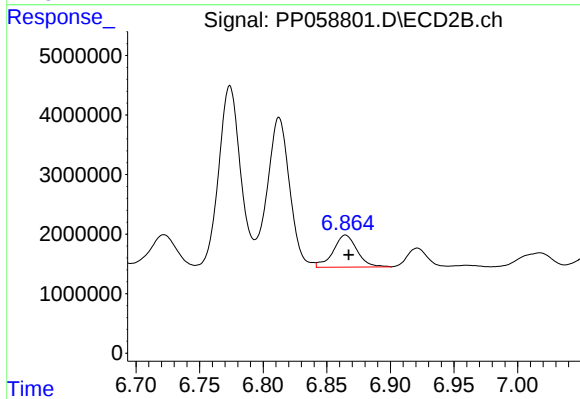
#35 AR-1260-5

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 17508896
Conc: 85.22 ng/ml



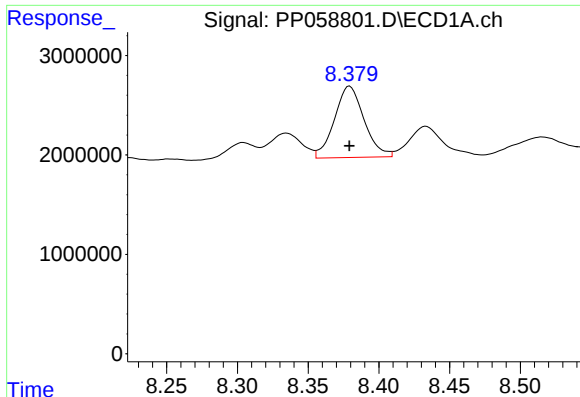
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 16115429
Conc: 233.19 ng/ml



#36 AR-1262-1

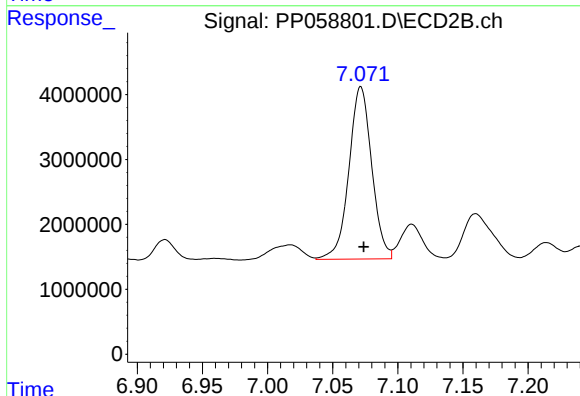
R.T.: 6.865 min
Delta R.T.: -0.002 min
Response: 7025746
Conc: 118.84 ng/ml



#37 AR-1262-2

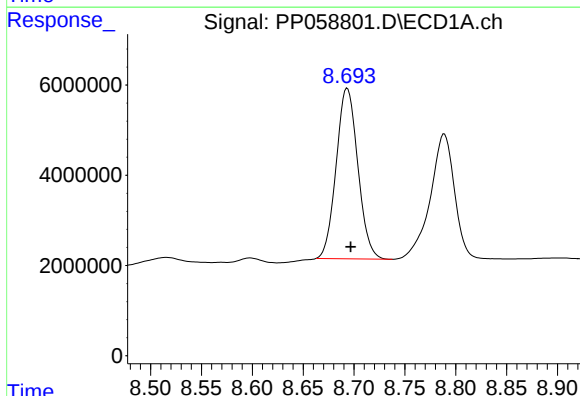
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 10464039
Conc: 97.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



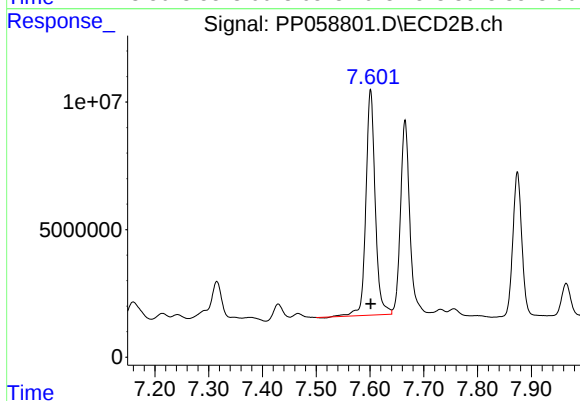
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 32394622
Conc: 259.68 ng/ml



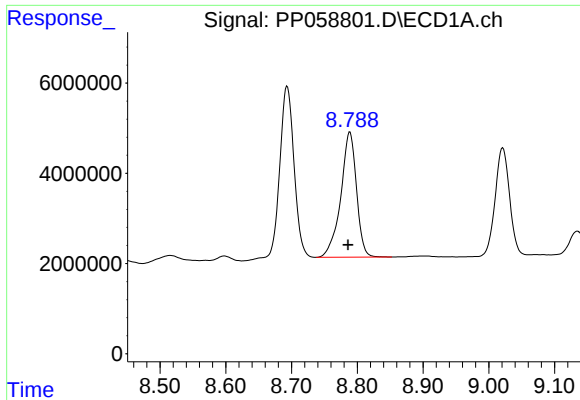
#38 AR-1262-3

R.T.: 8.693 min
Delta R.T.: -0.003 min
Response: 56005062
Conc: 754.11 ng/ml



#38 AR-1262-3

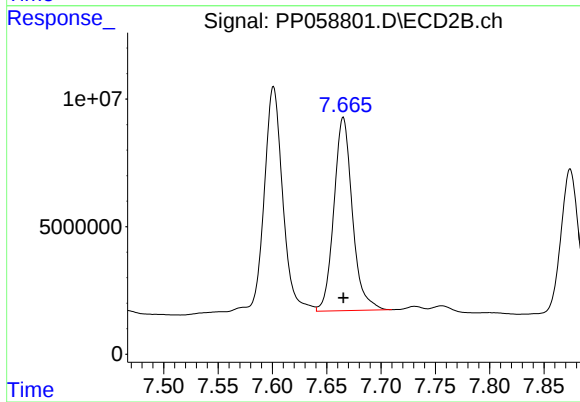
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 106748081
Conc: 1126.92 ng/ml



#39 AR-1262-4

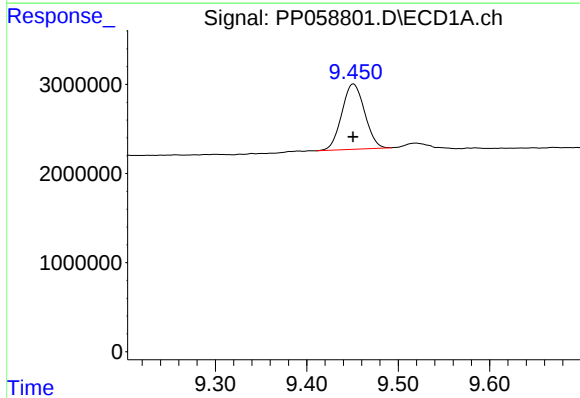
R.T.: 8.789 min
Delta R.T.: 0.003 min
Response: 46167388
Conc: 793.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



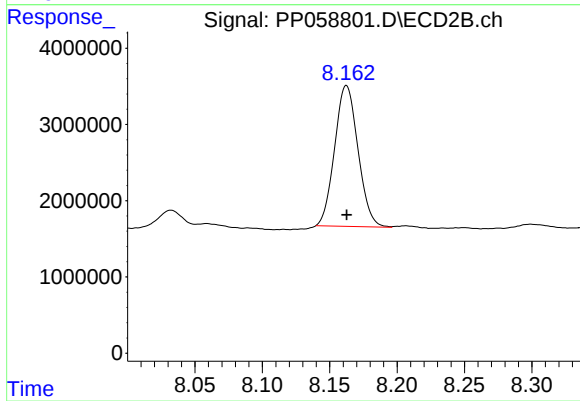
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 89631984
Conc: 539.10 ng/ml



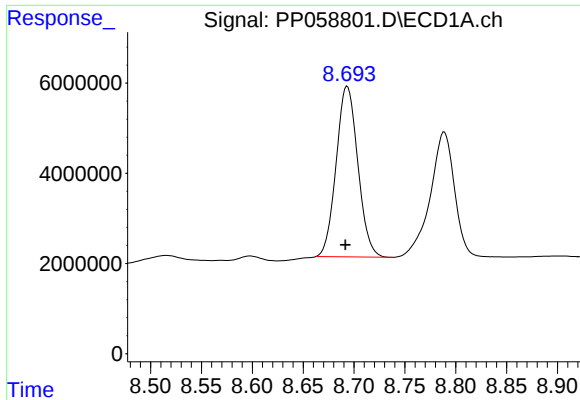
#40 AR-1262-5

R.T.: 9.451 min
Delta R.T.: 0.000 min
Response: 12708991
Conc: 349.45 ng/ml



#40 AR-1262-5

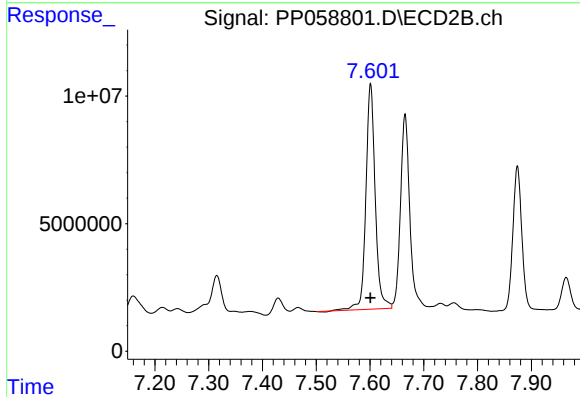
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 22354808
Conc: 317.56 ng/ml



#41 AR-1268-1

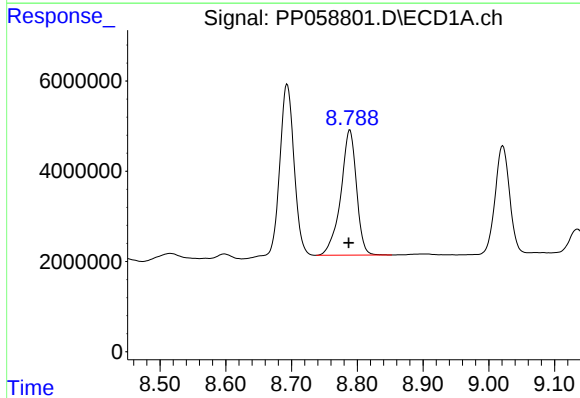
R.T.: 8.693 min
Delta R.T.: 0.002 min
Response: 56005062
Conc: 433.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



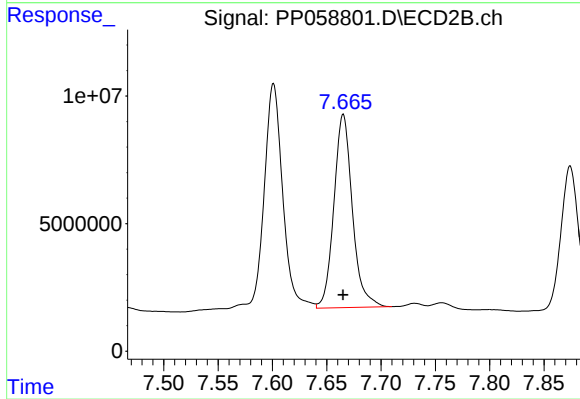
#41 AR-1268-1

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 106748081
Conc: 382.97 ng/ml



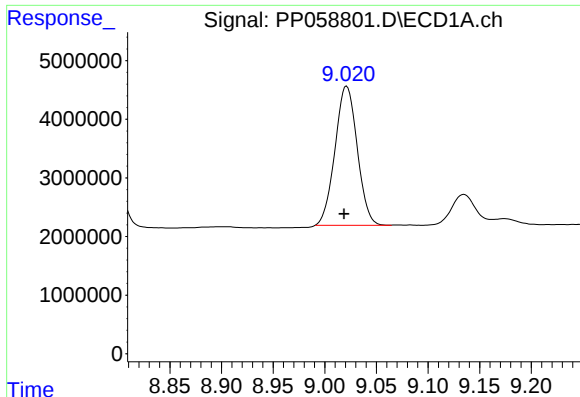
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: 0.002 min
Response: 46167388
Conc: 392.88 ng/ml



#42 AR-1268-2

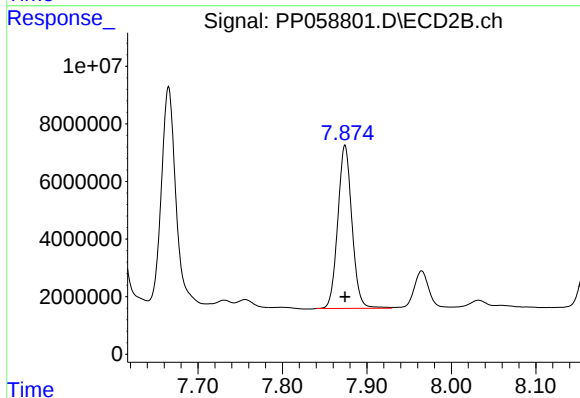
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 89631984
Conc: 362.86 ng/ml



#43 AR-1268-3

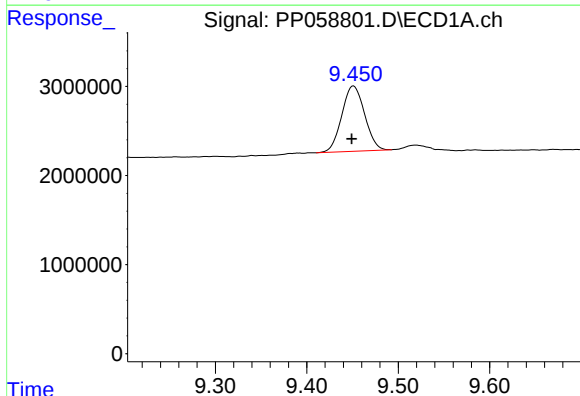
R.T.: 9.021 min
Delta R.T.: 0.003 min
Response: 35650952
Conc: 349.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



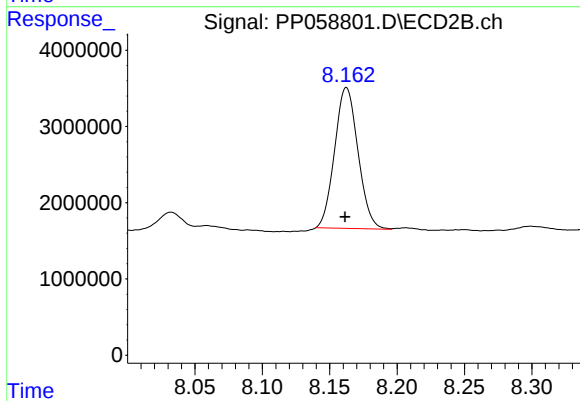
#43 AR-1268-3

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 66053139
Conc: 297.68 ng/ml



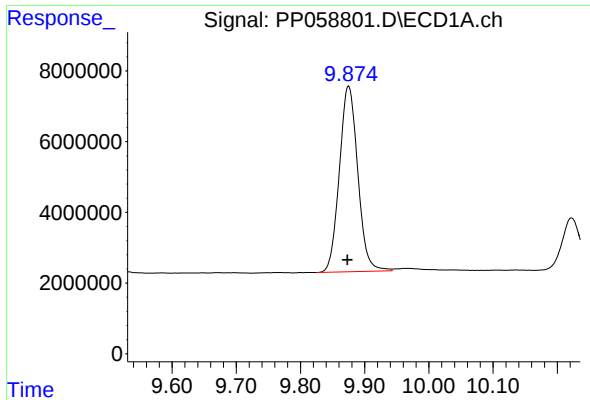
#44 AR-1268-4

R.T.: 9.451 min
Delta R.T.: 0.002 min
Response: 12708991
Conc: 329.98 ng/ml



#44 AR-1268-4

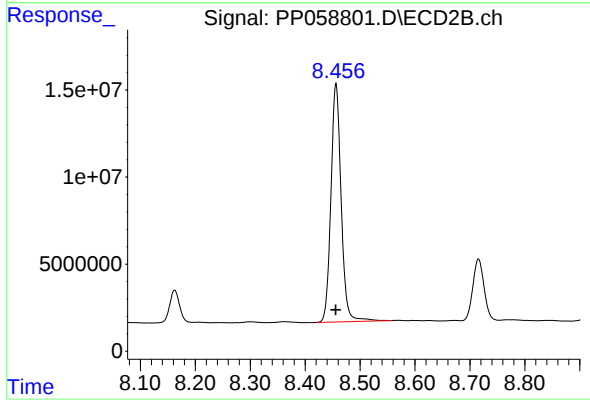
R.T.: 8.162 min
Delta R.T.: 0.001 min
Response: 22354808
Conc: 286.16 ng/ml



#45 AR-1268-5

R.T.: 9.875 min
Delta R.T.: 0.002 min
Response: 104593838
Conc: 317.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 176711392
Conc: 277.67 ng/ml