

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062123\
 Data File : PP058584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 09:45
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:20:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 21 05:48:37 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...	4.460	3.671	131.8E6	87833334	52.769	53.851
2)	SA Decachlor...	10.276	8.729	66357259	62933399	50.171	51.668
Target Compounds							
3)	L1 AR-1016-1	5.637	4.769	28145671	20152028	394.289	400.399
4)	L1 AR-1016-2	5.660	4.788	40173158	28446982	389.598	401.855
5)	L1 AR-1016-3	5.722	4.966	25442703	15495663	396.639	411.392
6)	L1 AR-1016-4	5.820	5.009	20169211	13915475	393.868	418.398
7)	L1 AR-1016-5	6.118	5.224	21888896	17649352	414.449	433.881
8)	L2 AR-1221-1	4.665	3.887	3536734	2425091	121.006	118.257
9)	L2 AR-1221-2	4.757	3.974	5472117	3592605	250.259	228.390
10)	L2 AR-1221-3	4.833	4.052	17453216	13043236	271.784	273.929
11)	L3 AR-1232-1	4.833	4.052	17453216	13043236	375.501	380.184
12)	L3 AR-1232-2	5.367	4.788	22772179	28446982	849.365	878.664
13)	L3 AR-1232-3	5.660	4.966	40173158	15495663	876.573	891.451
14)	L3 AR-1232-4	5.820	5.051	20169211	16695656	868.758	993.015
15)	L3 AR-1232-5	5.913	5.224	19181144	17649352	981.227	954.492
16)	L4 AR-1242-1	5.637	4.769	28145671	20152028	503.113	507.893
17)	L4 AR-1242-2	5.660	4.788	40173158	28446982	500.354	511.889
18)	L4 AR-1242-3	5.722	4.966	25442703	15495663	502.622	526.981
19)	L4 AR-1242-4	5.820	5.051	20169211	16695656	504.753	516.293
20)	L4 AR-1242-5	6.561	5.578	18378294	19479447	505.675	513.606
21)	L5 AR-1248-1	5.637	4.769	28145671	20152028	662.801	659.693
22)	L5 AR-1248-2	5.913	5.009	19181144	13915475	297.526	304.126
23)	L5 AR-1248-3	6.118	5.051	21888896	16695656	310.699	351.944
24)	L5 AR-1248-4	6.522	5.224	18492227	17649352	270.835	322.413
25)	L5 AR-1248-5	6.561	5.620	18378294	14801789	286.711	301.590
26)	L6 AR-1254-1	6.495	5.578	15791621	19479447	205.971	252.485
27)	L6 AR-1254-2	6.718	5.727	18415198	6311589	166.270	92.190 #
28)	L6 AR-1254-3	7.083	6.133	8848710	8198553	82.498	78.117
29)	L6 AR-1254-4	7.369	6.363	5663025	5056779	77.902	84.631
30)	L6 AR-1254-5	7.789	6.783	2792972	3380140	34.555	36.553
31)	L7 AR-1260-1	7.248	6.277	1806320	4436823	20.684	57.410 #
32)	L7 AR-1260-2	7.505	6.454	2075385	1530348	21.488	17.305
33)	L7 AR-1260-3	7.852	6.607	414572	1672557	6.784	19.836 #
34)	L7 AR-1260-4	8.079	7.085	1145483	163931	15.453	2.719 #
35)	L7 AR-1260-5	8.417	7.323	724265	235662	5.560	1.842 #
36)	L8 AR-1262-1	7.852	6.876	414572	108173	4.030	2.546 #
37)	L8 AR-1262-2	8.417	7.085	724265	163931	4.306	1.815 #
38)	L8 AR-1262-3	8.751f	7.620	352922	29987	3.093	0.440 #
39)	L8 AR-1262-4	8.835	7.672	58395	424261	0.678	3.472 #
40)	L8 AR-1262-5	9.507	8.175	292131	19971	5.326	0.378 #
41)	L9 AR-1268-1	8.751f	7.620	352922	29987	1.798	0.162 #

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 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

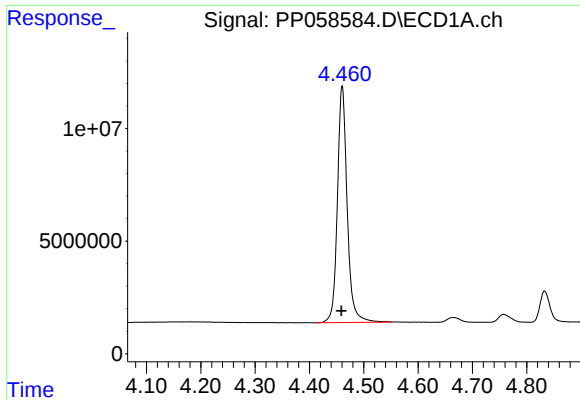
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:20:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062023.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	8.835	7.672	58395	424261	0.337	2.572 #
43) L9	AR-1268-3	9.067	7.887	206449	133614	1.330	0.923 #
44) L9	AR-1268-4	9.507	8.175	292131	19971	5.107	0.367 #
45) L9	AR-1268-5	9.932	8.470	433954	268788	0.931	0.645 #

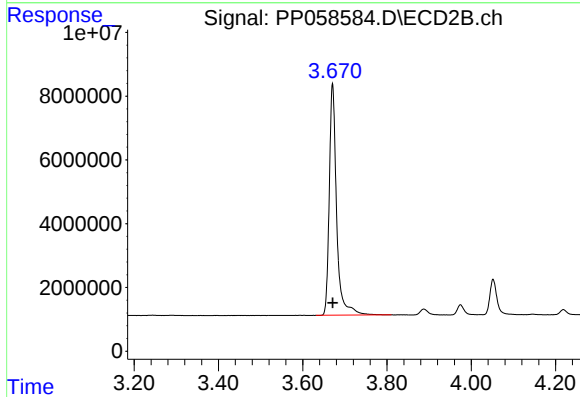
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

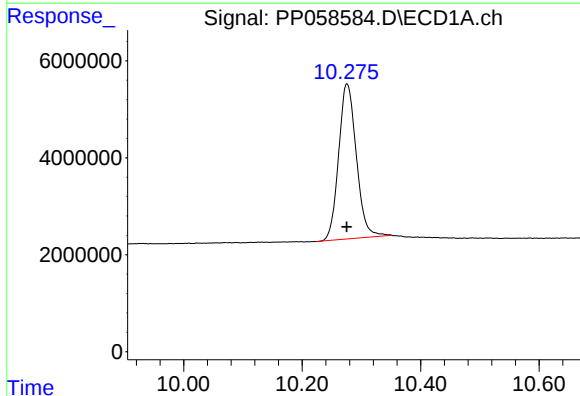
R.T.: 4.460 min
Delta R.T.: 0.001 min
Response: 131775443
Conc: 52.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



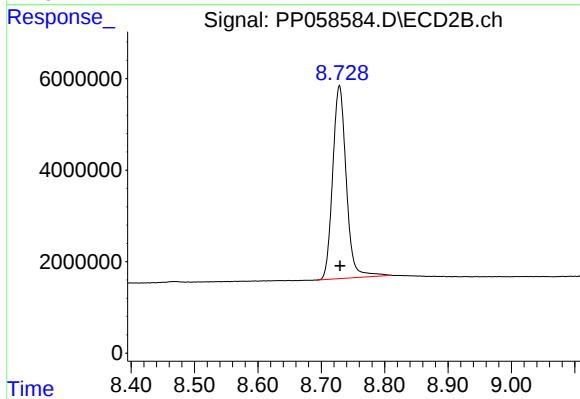
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 87833334
Conc: 53.85 ng/ml



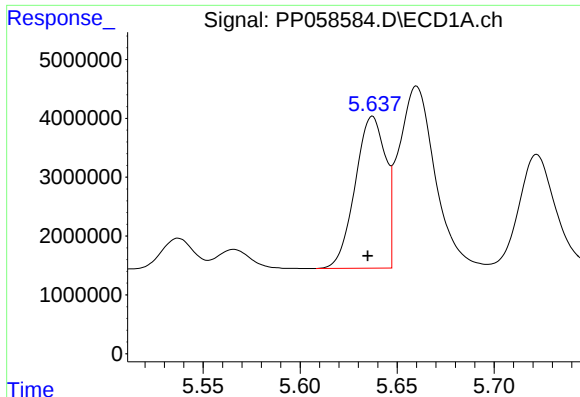
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 66357259
Conc: 50.17 ng/ml



#2 Decachlorobiphenyl

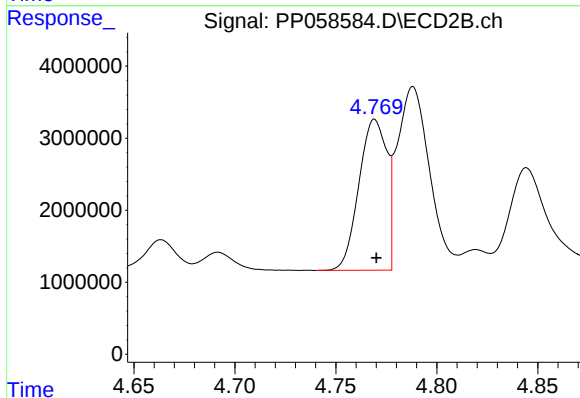
R.T.: 8.729 min
Delta R.T.: -0.001 min
Response: 62933399
Conc: 51.67 ng/ml



#3 AR-1016-1

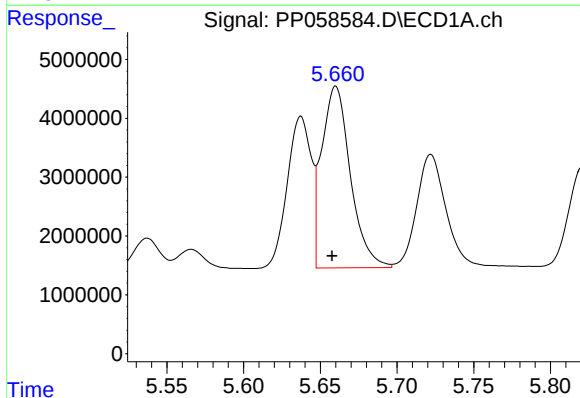
R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 28145671
Conc: 394.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



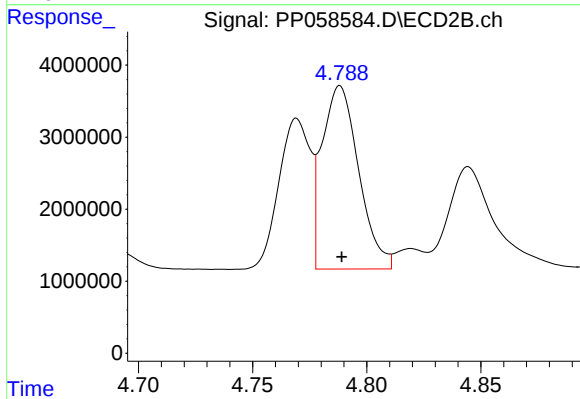
#3 AR-1016-1

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 20152028
Conc: 400.40 ng/ml



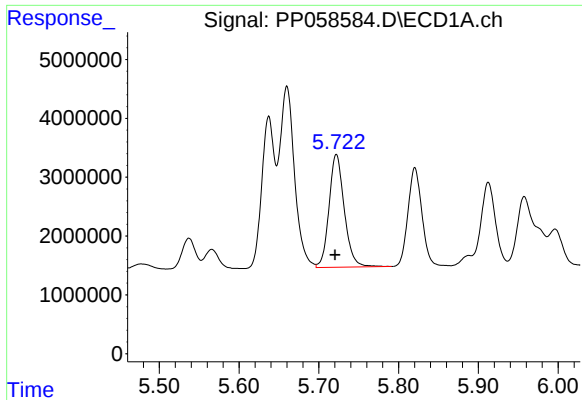
#4 AR-1016-2

R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 40173158
Conc: 389.60 ng/ml



#4 AR-1016-2

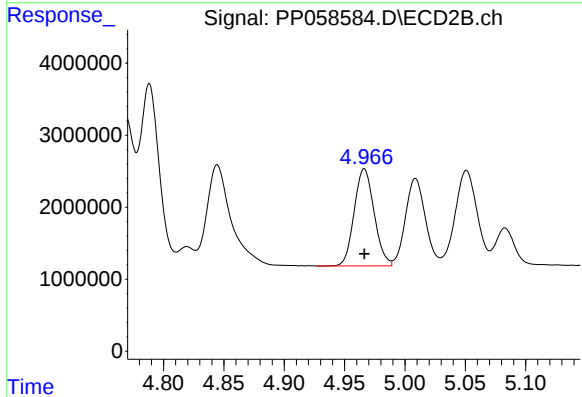
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 28446982
Conc: 401.85 ng/ml



#5 AR-1016-3

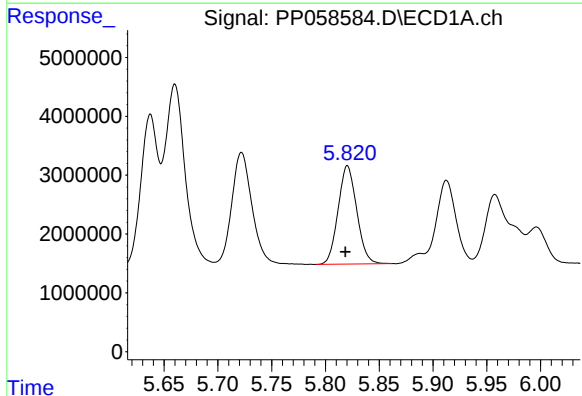
R.T.: 5.722 min
Delta R.T.: 0.002 min
Response: 25442703
Conc: 396.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



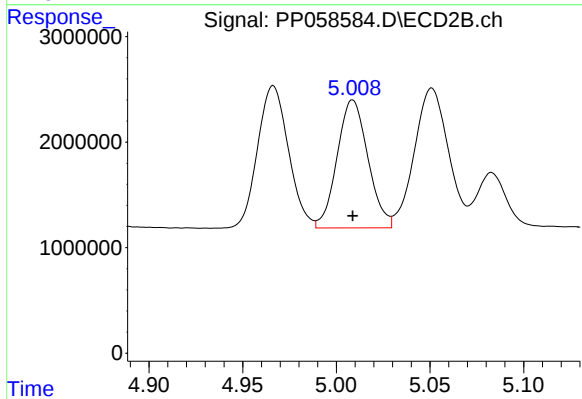
#5 AR-1016-3

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 15495663
Conc: 411.39 ng/ml



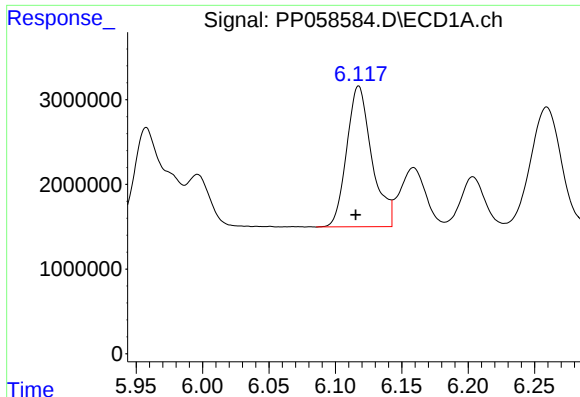
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 20169211
Conc: 393.87 ng/ml



#6 AR-1016-4

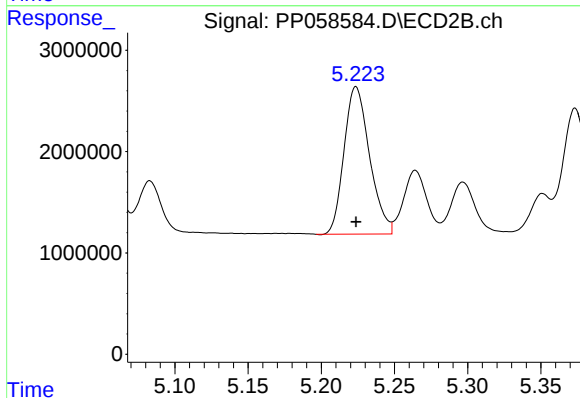
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 13915475
Conc: 418.40 ng/ml



#7 AR-1016-5

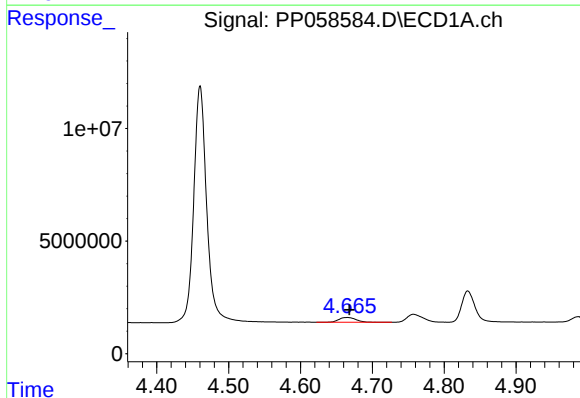
R.T.: 6.118 min
Delta R.T.: 0.002 min
Response: 21888896
Conc: 414.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



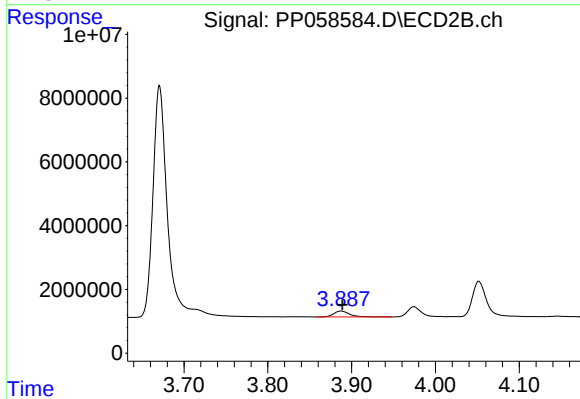
#7 AR-1016-5

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 17649352
Conc: 433.88 ng/ml



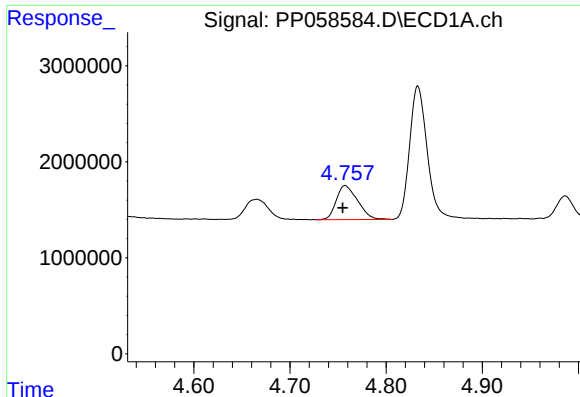
#8 AR-1221-1

R.T.: 4.665 min
Delta R.T.: -0.003 min
Response: 3536734
Conc: 121.01 ng/ml



#8 AR-1221-1

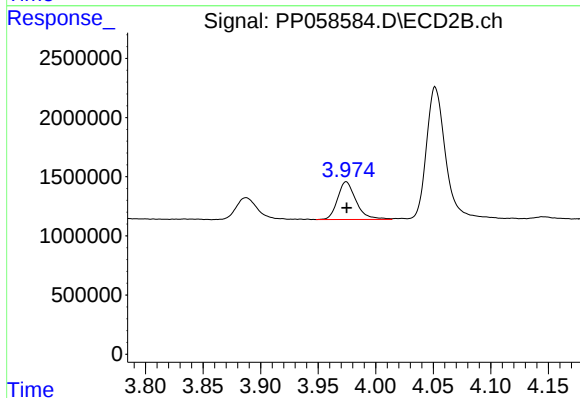
R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 2425091
Conc: 118.26 ng/ml



#9 AR-1221-2

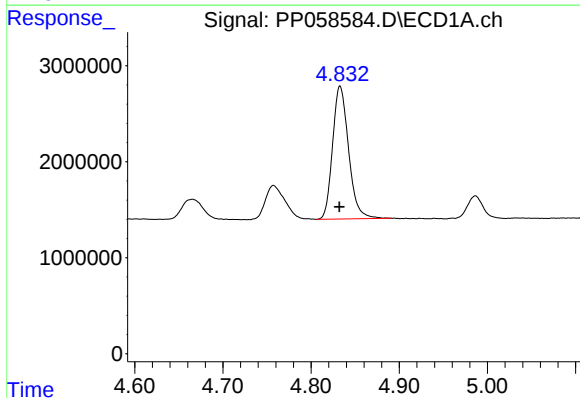
R.T.: 4.757 min
Delta R.T.: 0.003 min
Response: 5472117
Conc: 250.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



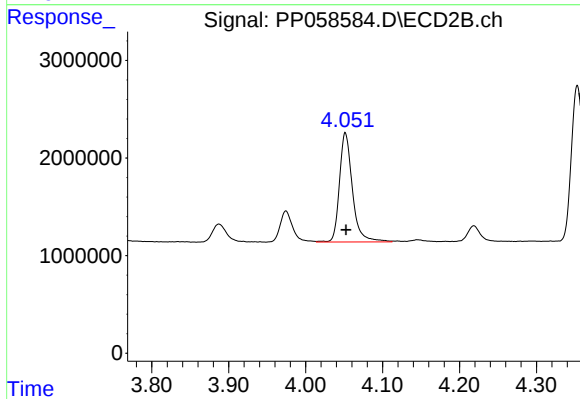
#9 AR-1221-2

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 3592605
Conc: 228.39 ng/ml



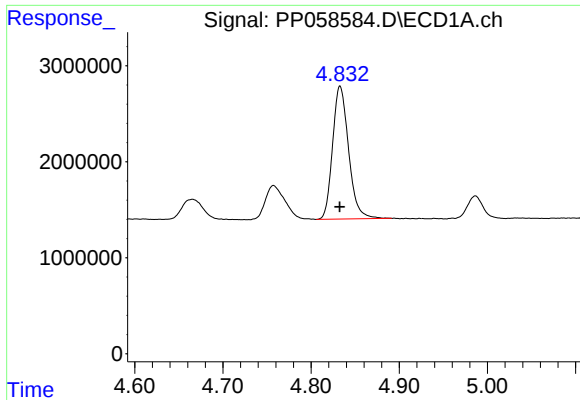
#10 AR-1221-3

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 17453216
Conc: 271.78 ng/ml



#10 AR-1221-3

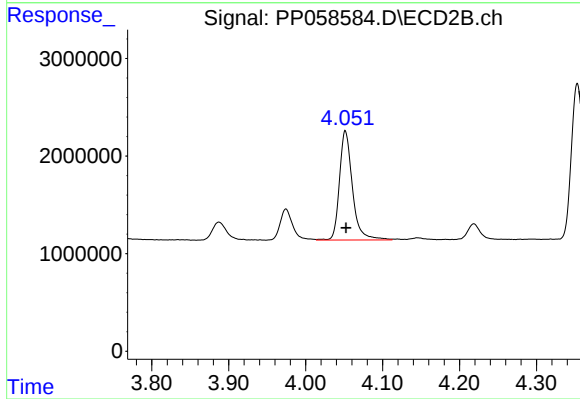
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 13043236
Conc: 273.93 ng/ml



#11 AR-1232-1

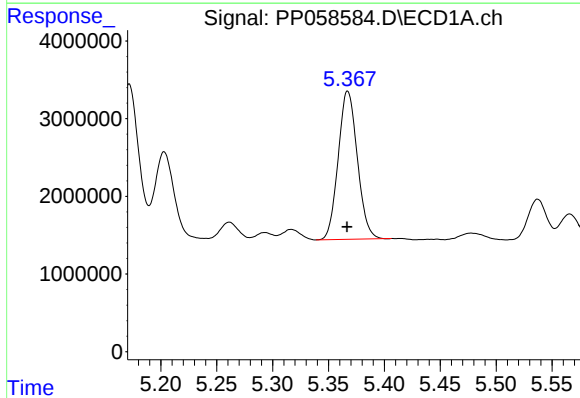
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 17453216
Conc: 375.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



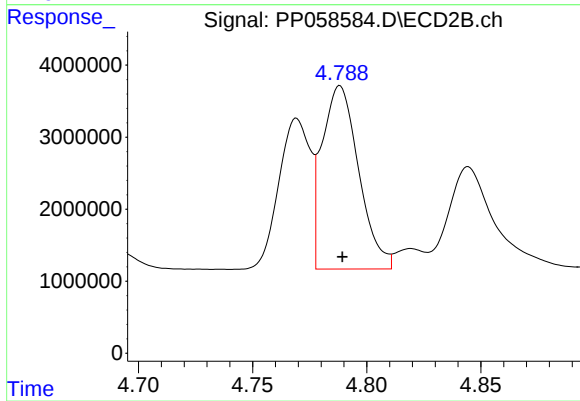
#11 AR-1232-1

R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 13043236
Conc: 380.18 ng/ml



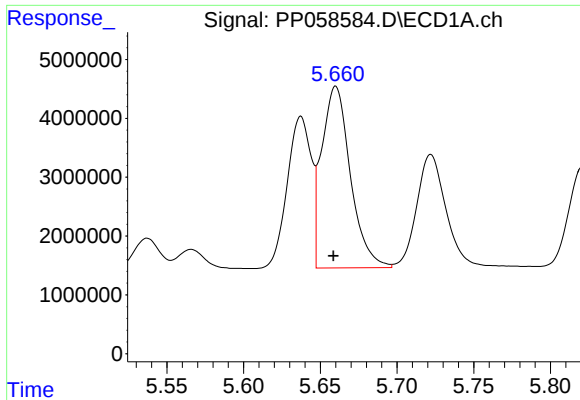
#12 AR-1232-2

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 22772179
Conc: 849.36 ng/ml



#12 AR-1232-2

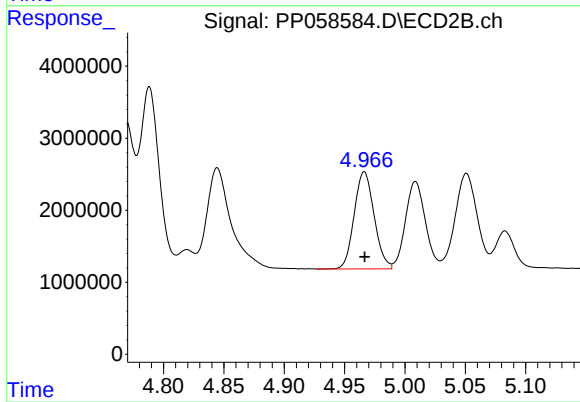
R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 28446982
Conc: 878.66 ng/ml



#13 AR-1232-3

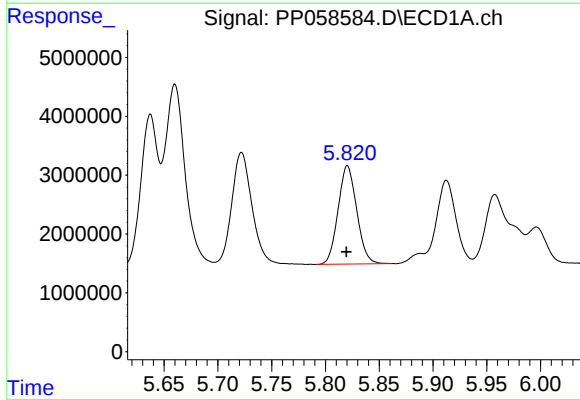
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 40173158
Conc: 876.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



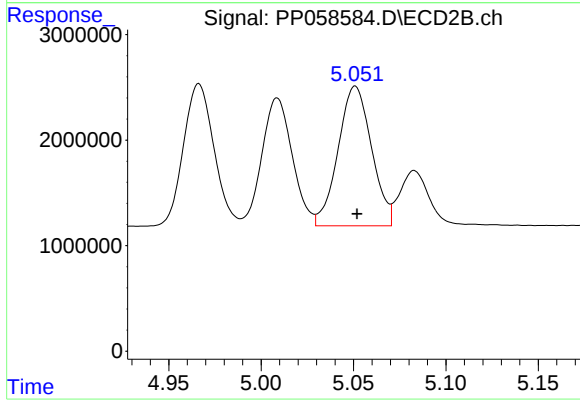
#13 AR-1232-3

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 15495663
Conc: 891.45 ng/ml



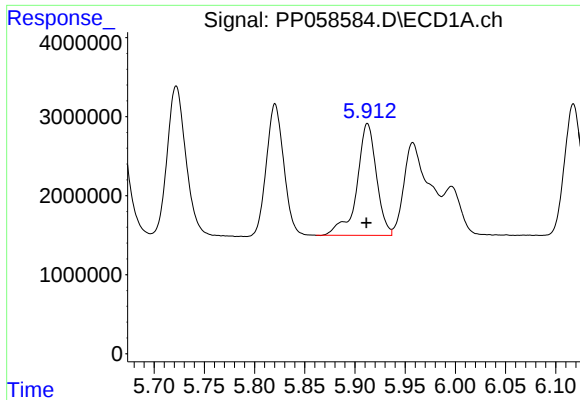
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 20169211
Conc: 868.76 ng/ml



#14 AR-1232-4

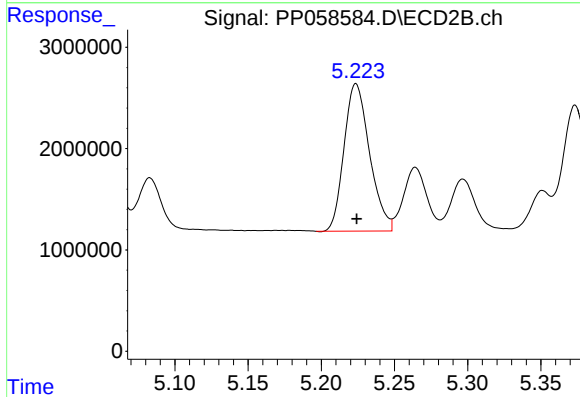
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 16695656
Conc: 993.02 ng/ml



#15 AR-1232-5

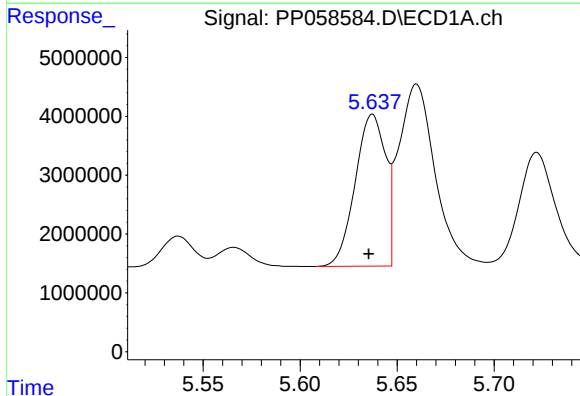
R.T.: 5.913 min
Delta R.T.: 0.001 min
Response: 19181144
Conc: 981.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



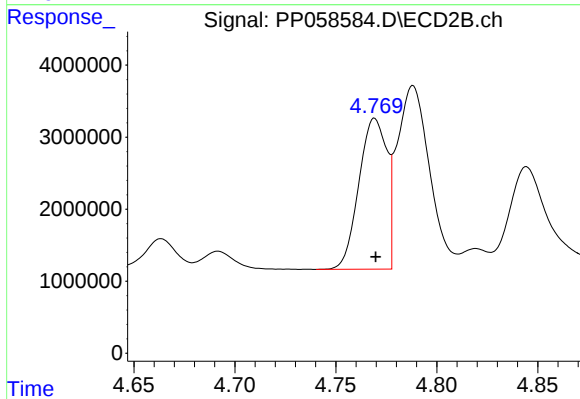
#15 AR-1232-5

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 17649352
Conc: 954.49 ng/ml



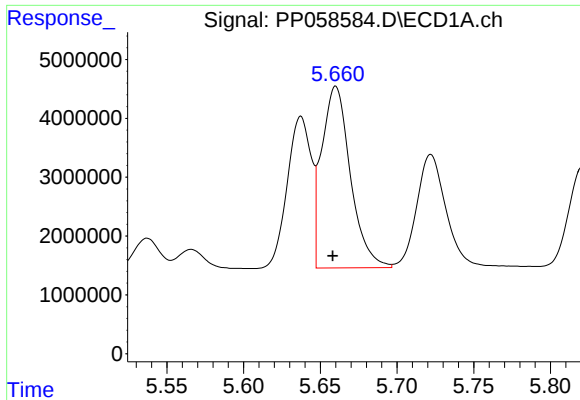
#16 AR-1242-1

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 28145671
Conc: 503.11 ng/ml



#16 AR-1242-1

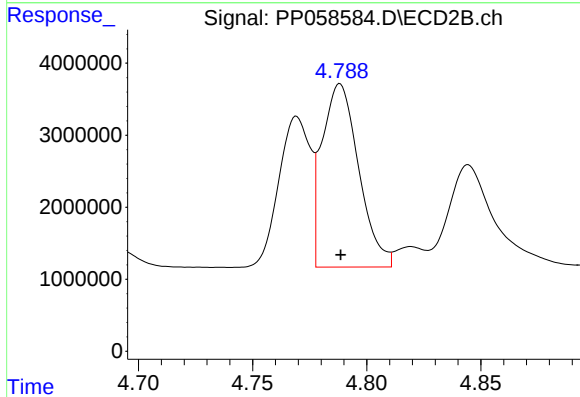
R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 20152028
Conc: 507.89 ng/ml



#17 AR-1242-2

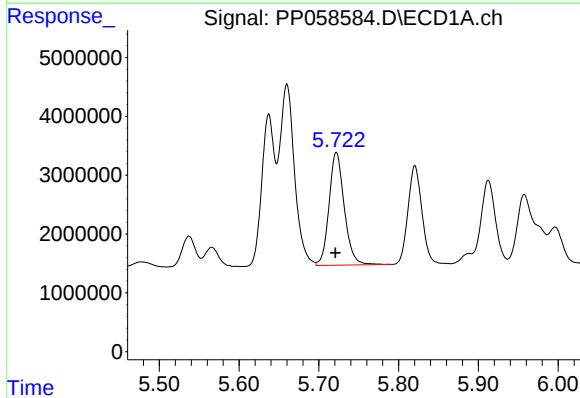
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 40173158
Conc: 500.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



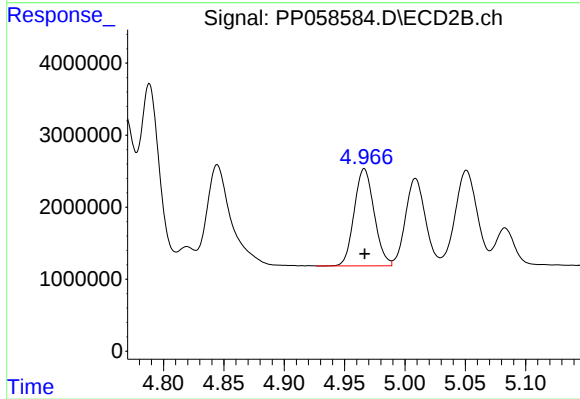
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 28446982
Conc: 511.89 ng/ml



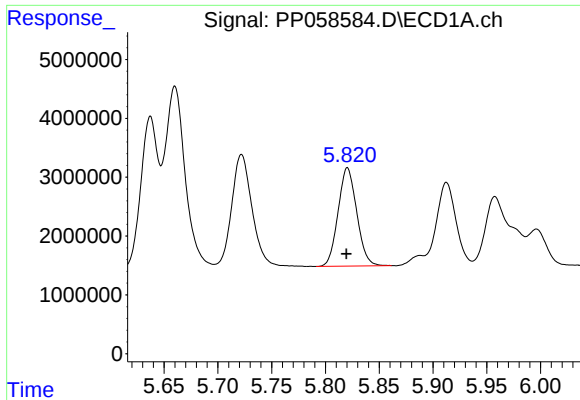
#18 AR-1242-3

R.T.: 5.722 min
Delta R.T.: 0.001 min
Response: 25442703
Conc: 502.62 ng/ml



#18 AR-1242-3

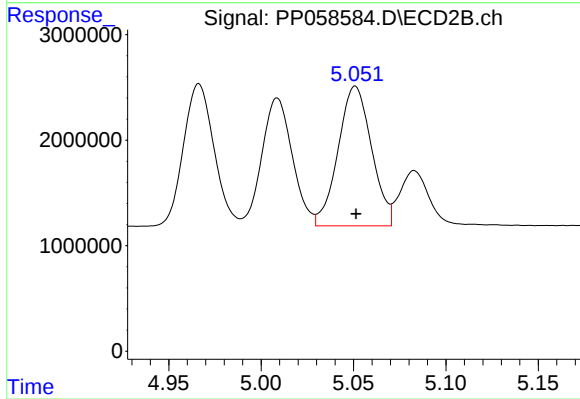
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 15495663
Conc: 526.98 ng/ml



#19 AR-1242-4

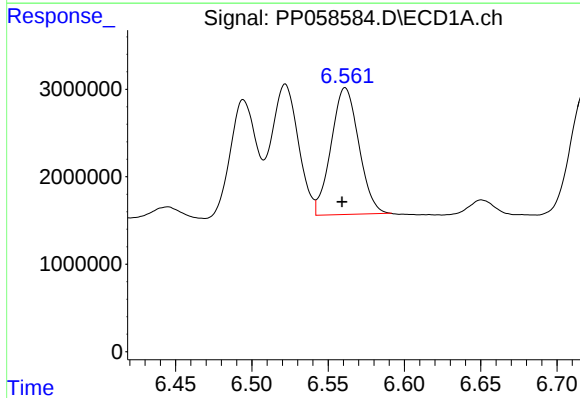
R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 20169211
Conc: 504.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



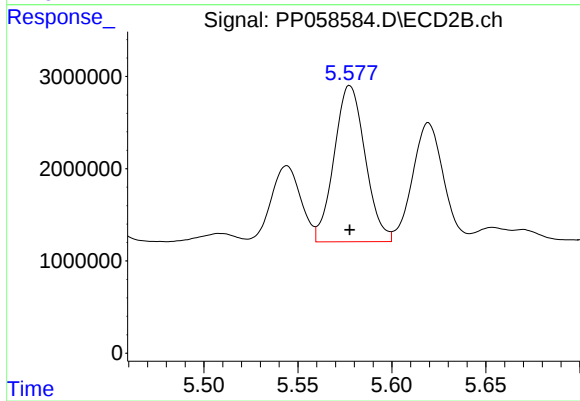
#19 AR-1242-4

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 16695656
Conc: 516.29 ng/ml



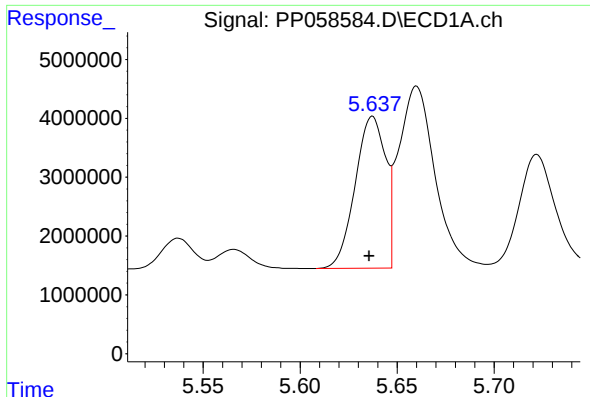
#20 AR-1242-5

R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 18378294
Conc: 505.67 ng/ml



#20 AR-1242-5

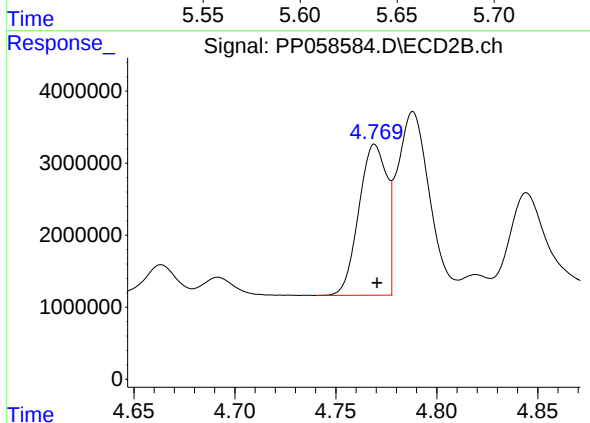
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 19479447
Conc: 513.61 ng/ml



#21 AR-1248-1

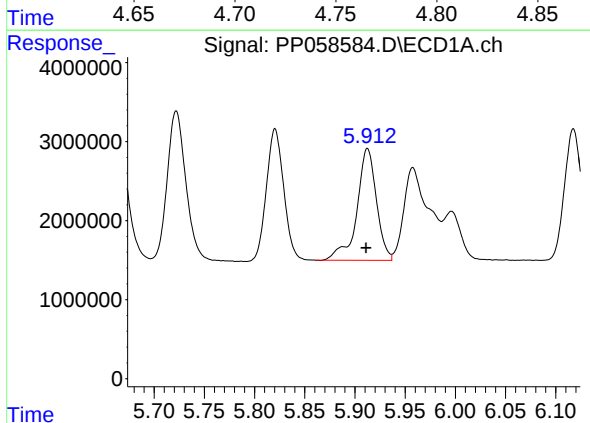
R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 28145671
Conc: 662.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



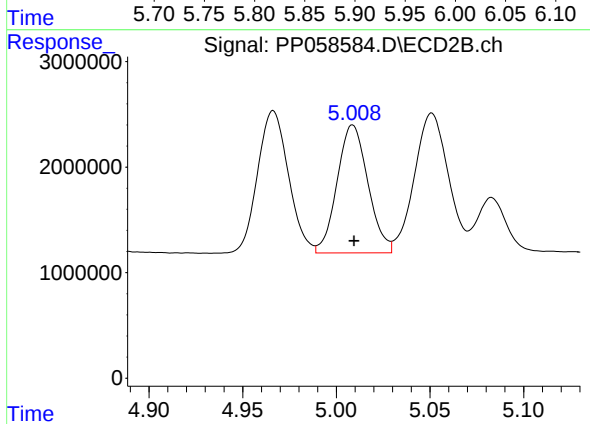
#21 AR-1248-1

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 20152028
Conc: 659.69 ng/ml



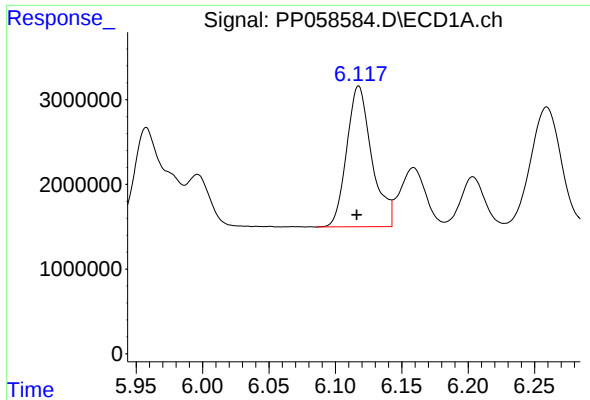
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: 0.001 min
Response: 19181144
Conc: 297.53 ng/ml



#22 AR-1248-2

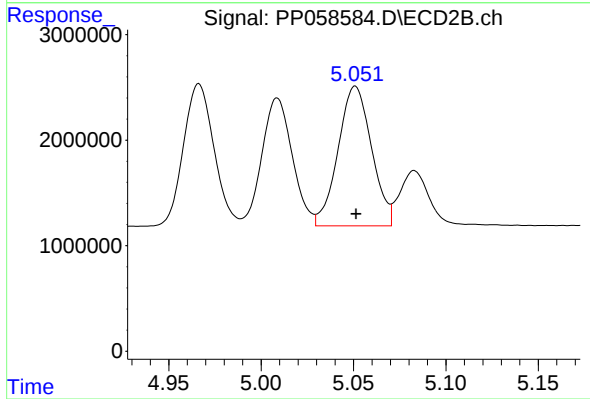
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 13915475
Conc: 304.13 ng/ml



#23 AR-1248-3

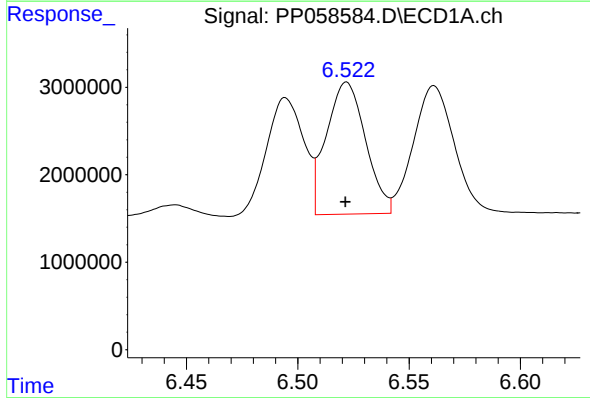
R.T.: 6.118 min
Delta R.T.: 0.002 min
Response: 21888896
Conc: 310.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



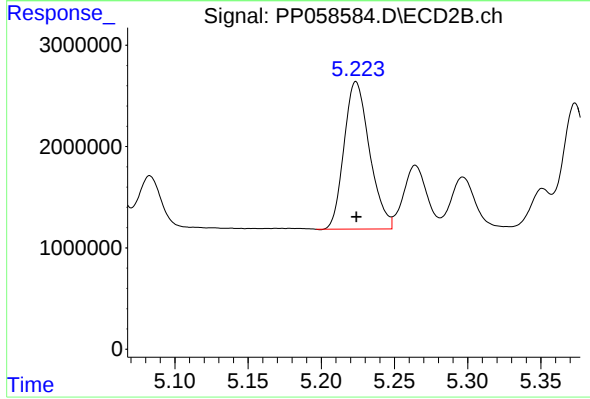
#23 AR-1248-3

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 16695656
Conc: 351.94 ng/ml



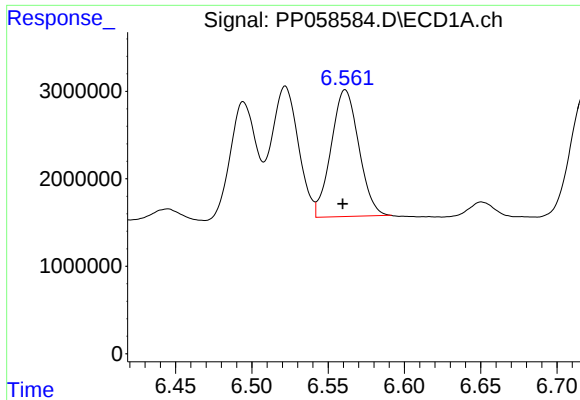
#24 AR-1248-4

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 18492227
Conc: 270.83 ng/ml



#24 AR-1248-4

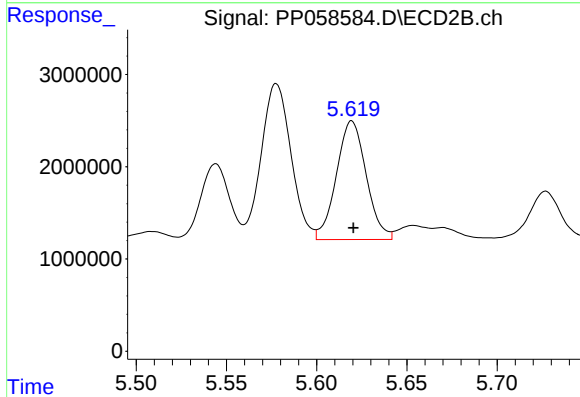
R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 17649352
Conc: 322.41 ng/ml



#25 AR-1248-5

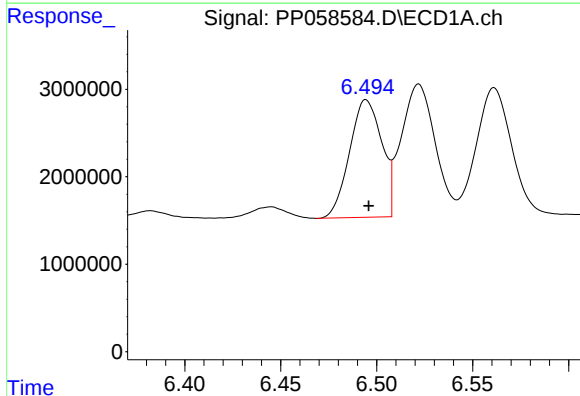
R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 18378294
Conc: 286.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



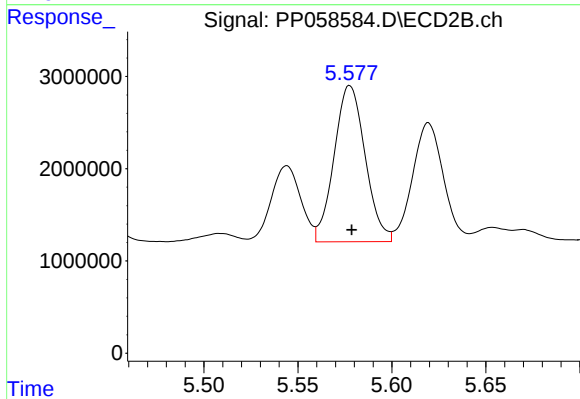
#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 14801789
Conc: 301.59 ng/ml



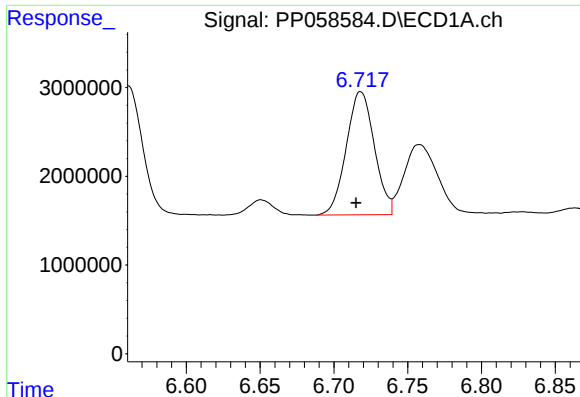
#26 AR-1254-1

R.T.: 6.495 min
Delta R.T.: -0.001 min
Response: 15791621
Conc: 205.97 ng/ml



#26 AR-1254-1

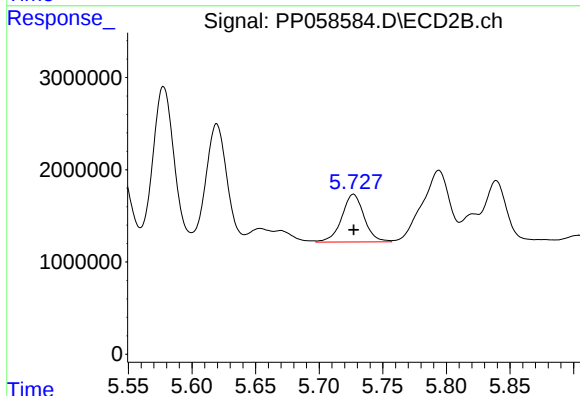
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 19479447
Conc: 252.48 ng/ml



#27 AR-1254-2

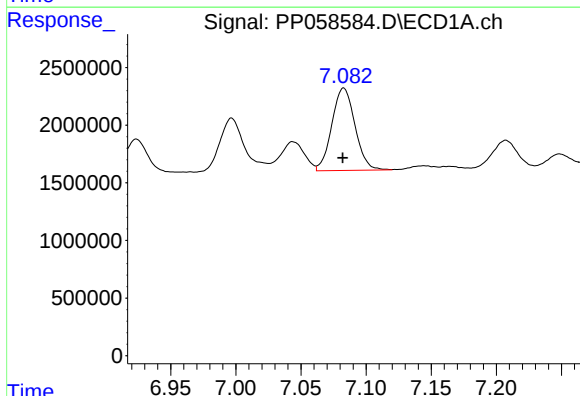
R.T.: 6.718 min
Delta R.T.: 0.003 min
Response: 18415198
Conc: 166.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



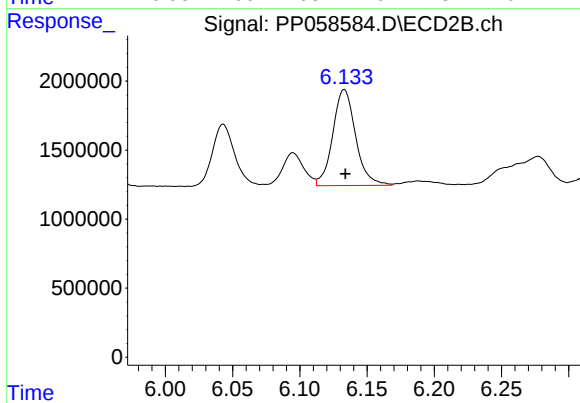
#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 6311589
Conc: 92.19 ng/ml



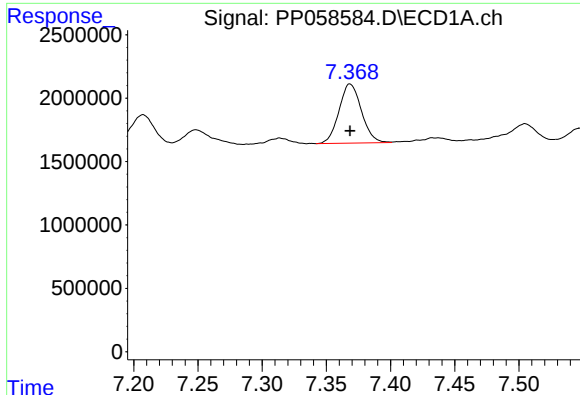
#28 AR-1254-3

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 8848710
Conc: 82.50 ng/ml



#28 AR-1254-3

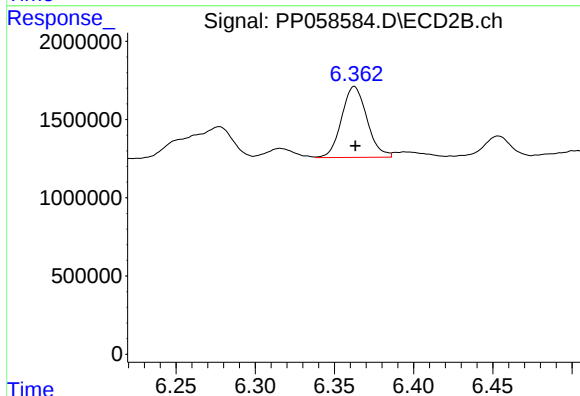
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 8198553
Conc: 78.12 ng/ml



#29 AR-1254-4

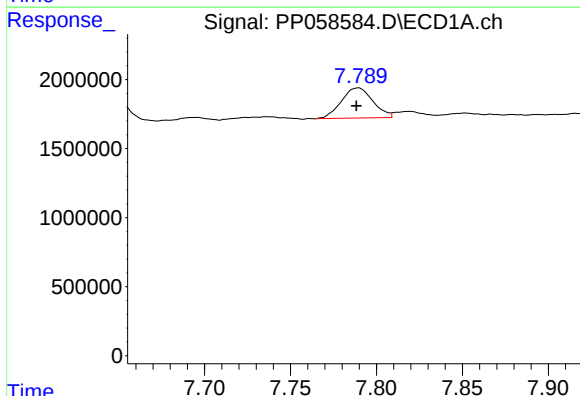
R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 5663025
Conc: 77.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



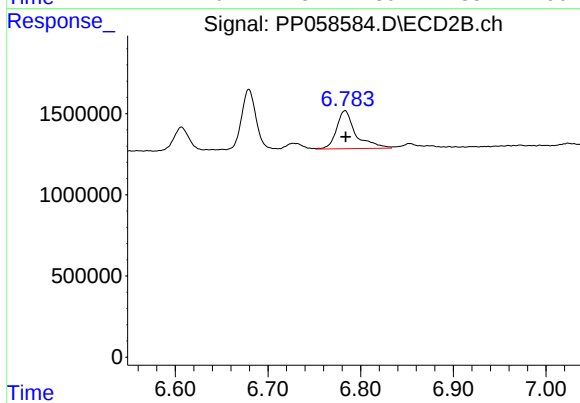
#29 AR-1254-4

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 5056779
Conc: 84.63 ng/ml



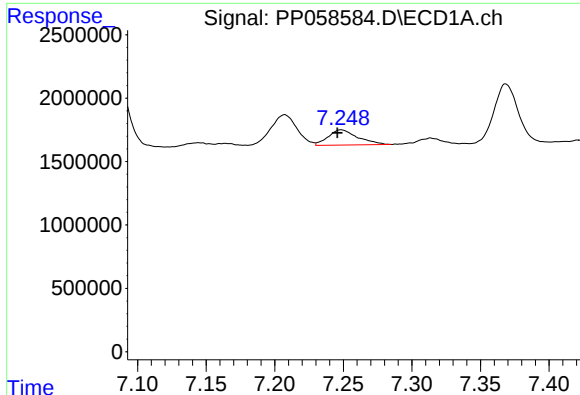
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 2792972
Conc: 34.56 ng/ml



#30 AR-1254-5

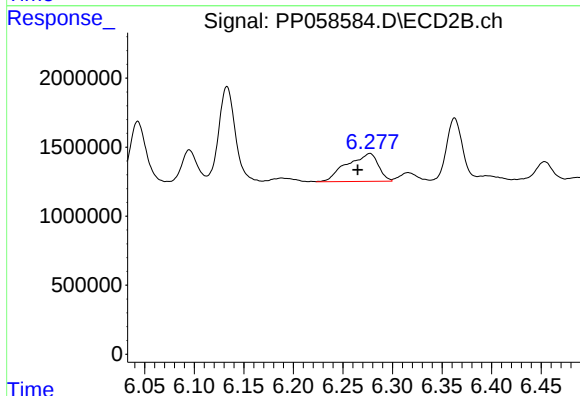
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 3380140
Conc: 36.55 ng/ml



#31 AR-1260-1

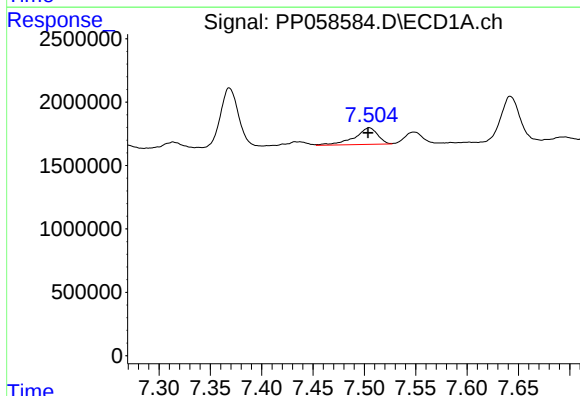
R.T.: 7.248 min
Delta R.T.: 0.003 min
Response: 1806320
Conc: 20.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



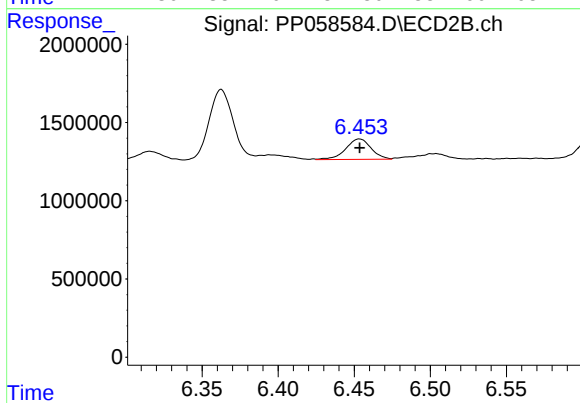
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: 0.012 min
Response: 4436823
Conc: 57.41 ng/ml



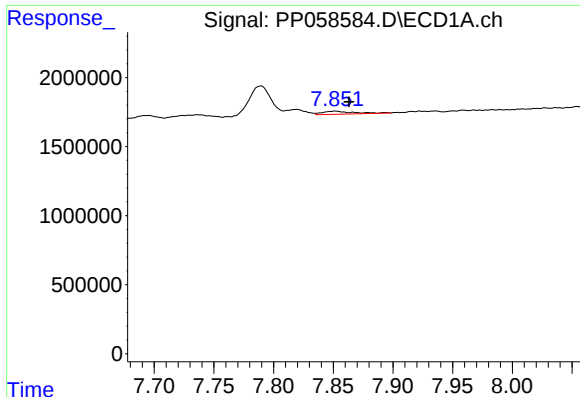
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 2075385
Conc: 21.49 ng/ml



#32 AR-1260-2

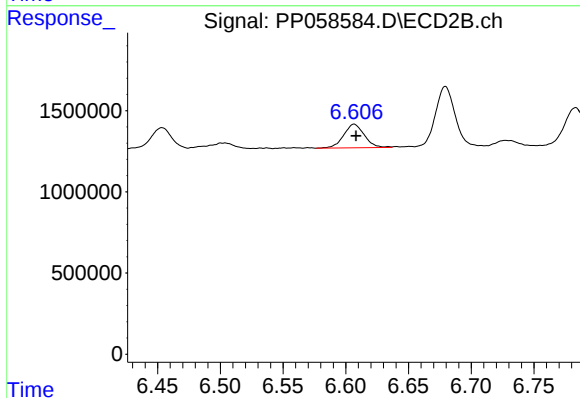
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 1530348
Conc: 17.31 ng/ml



#33 AR-1260-3

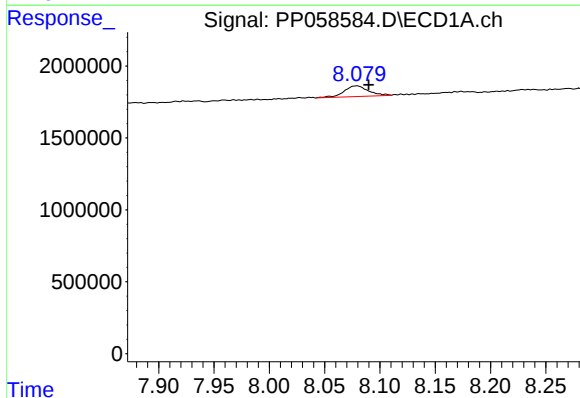
R.T.: 7.852 min
Delta R.T.: -0.011 min
Response: 414572
Conc: 6.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



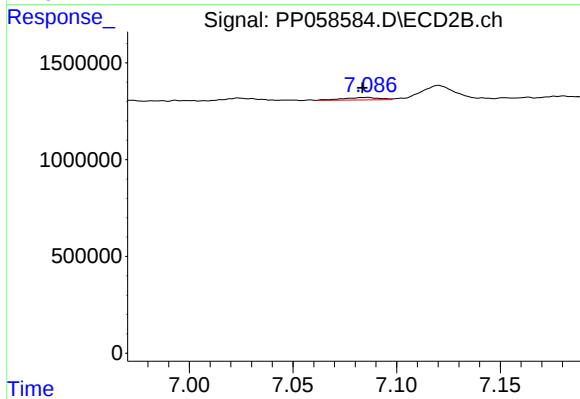
#33 AR-1260-3

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 1672557
Conc: 19.84 ng/ml



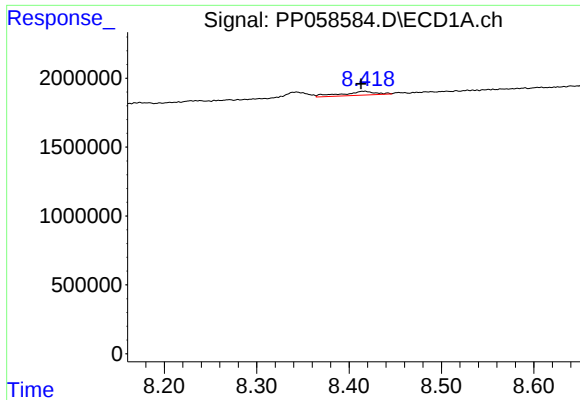
#34 AR-1260-4

R.T.: 8.079 min
Delta R.T.: -0.011 min
Response: 1145483
Conc: 15.45 ng/ml



#34 AR-1260-4

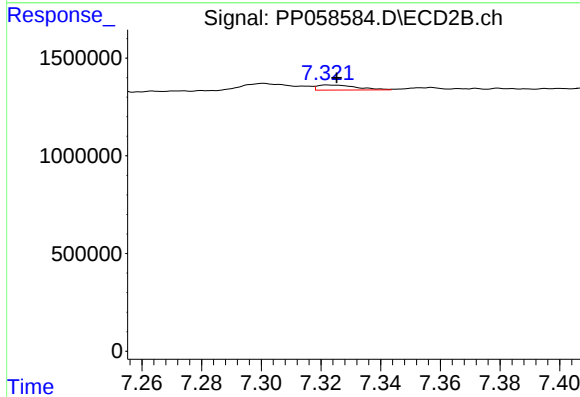
R.T.: 7.085 min
Delta R.T.: 0.002 min
Response: 163931
Conc: 2.72 ng/ml



#35 AR-1260-5

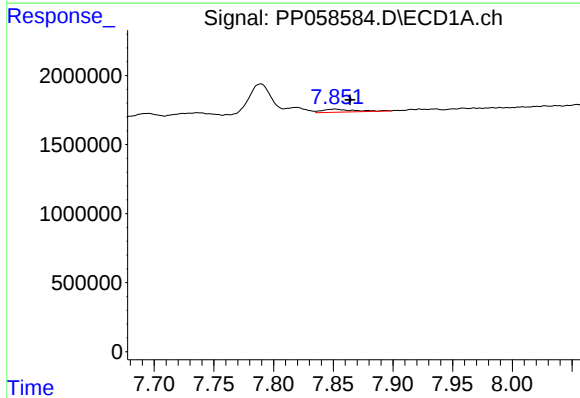
R.T.: 8.417 min
Delta R.T.: 0.003 min
Response: 724265
Conc: 5.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



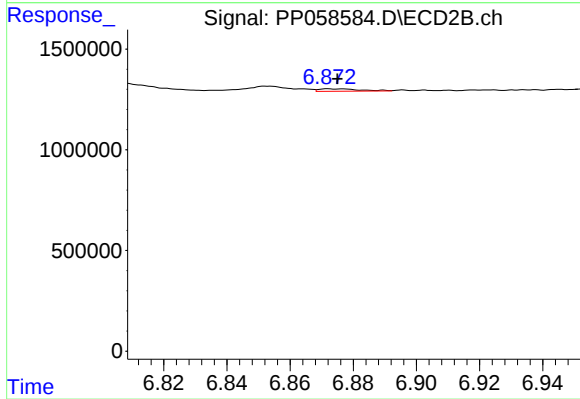
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 235662
Conc: 1.84 ng/ml



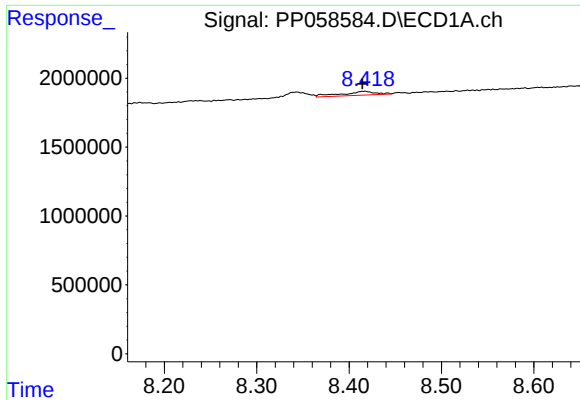
#36 AR-1262-1

R.T.: 7.852 min
Delta R.T.: -0.012 min
Response: 414572
Conc: 4.03 ng/ml



#36 AR-1262-1

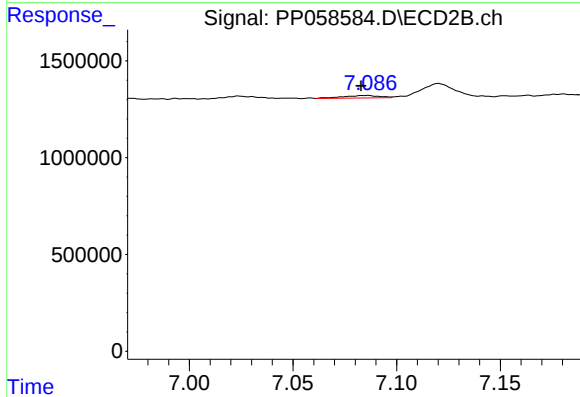
R.T.: 6.876 min
Delta R.T.: 0.001 min
Response: 108173
Conc: 2.55 ng/ml



#37 AR-1262-2

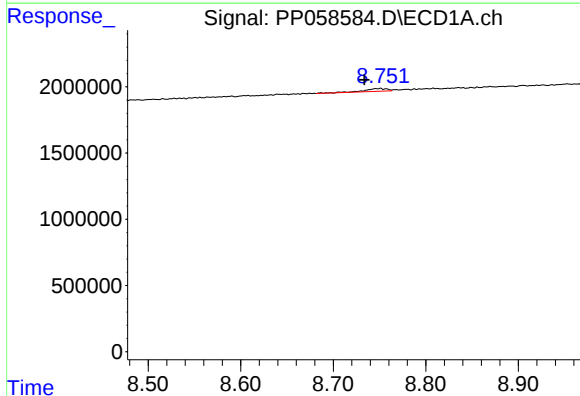
R.T.: 8.417 min
Delta R.T.: 0.002 min
Response: 724265
Conc: 4.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



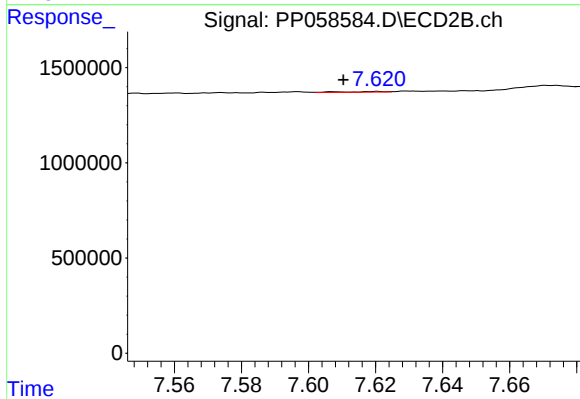
#37 AR-1262-2

R.T.: 7.085 min
Delta R.T.: 0.003 min
Response: 163931
Conc: 1.81 ng/ml



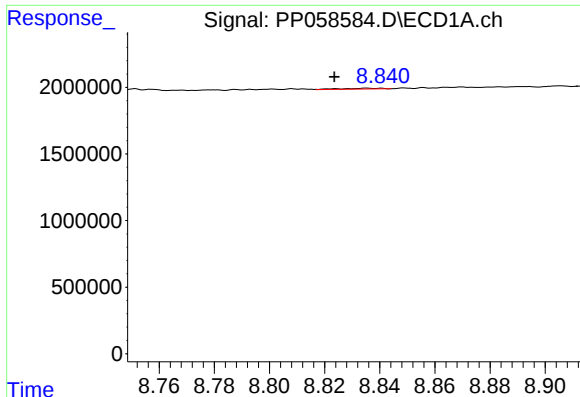
#38 AR-1262-3

R.T.: 8.751 min
Delta R.T.: 0.017 min
Response: 352922
Conc: 3.09 ng/ml



#38 AR-1262-3

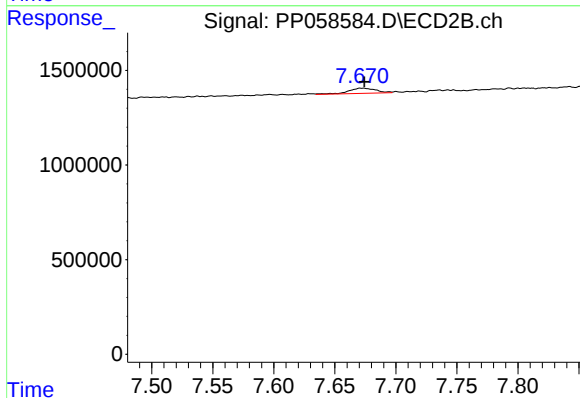
R.T.: 7.620 min
Delta R.T.: 0.010 min
Response: 29987
Conc: 0.44 ng/ml



#39 AR-1262-4

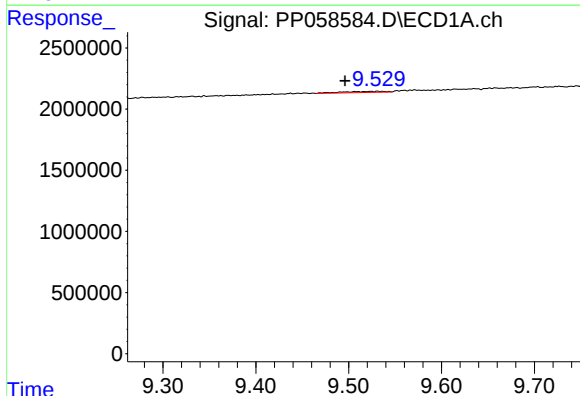
R.T.: 8.835 min
Delta R.T.: 0.012 min
Response: 58395
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



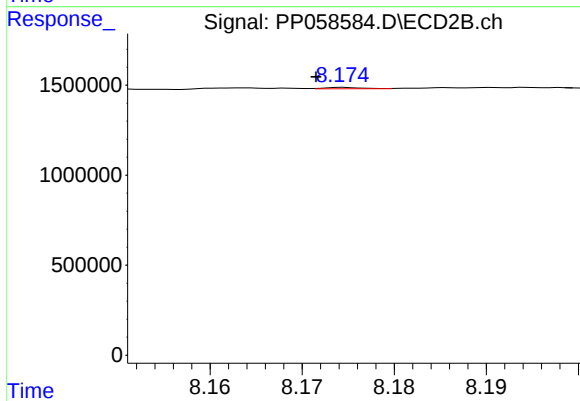
#39 AR-1262-4

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 424261
Conc: 3.47 ng/ml



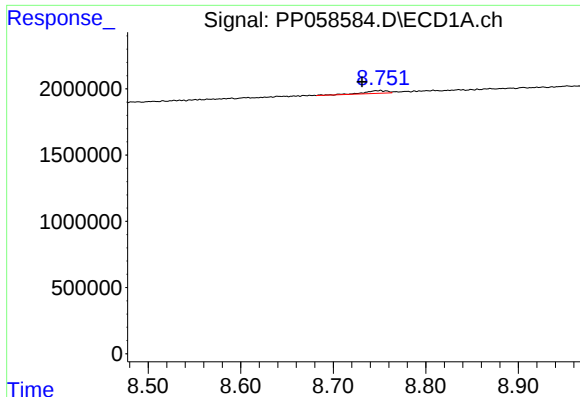
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: 0.011 min
Response: 292131
Conc: 5.33 ng/ml



#40 AR-1262-5

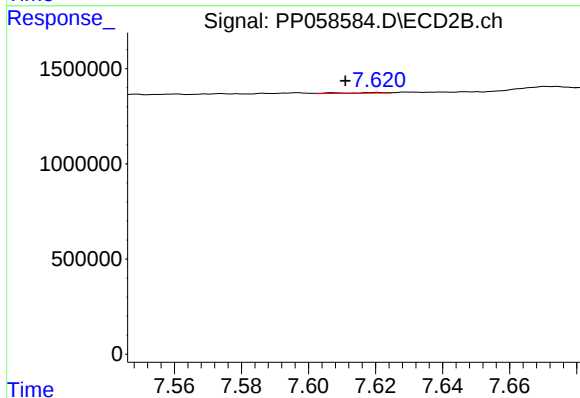
R.T.: 8.175 min
Delta R.T.: 0.003 min
Response: 19971
Conc: 0.38 ng/ml



#41 AR-1268-1

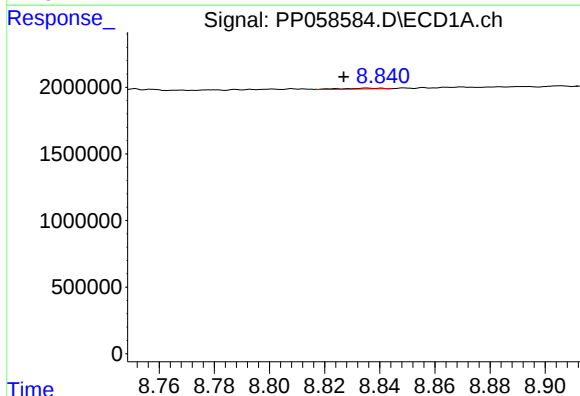
R.T.: 8.751 min
Delta R.T.: 0.020 min
Response: 352922
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



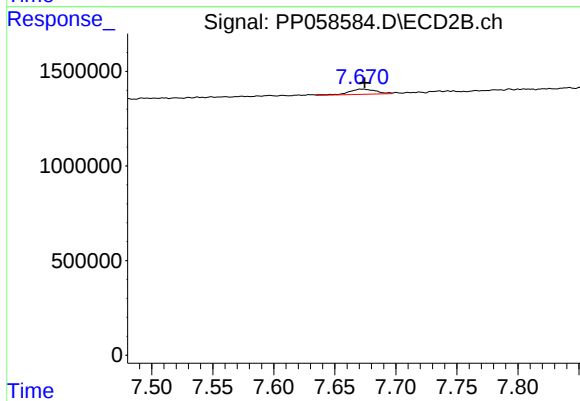
#41 AR-1268-1

R.T.: 7.620 min
Delta R.T.: 0.009 min
Response: 29987
Conc: 0.16 ng/ml



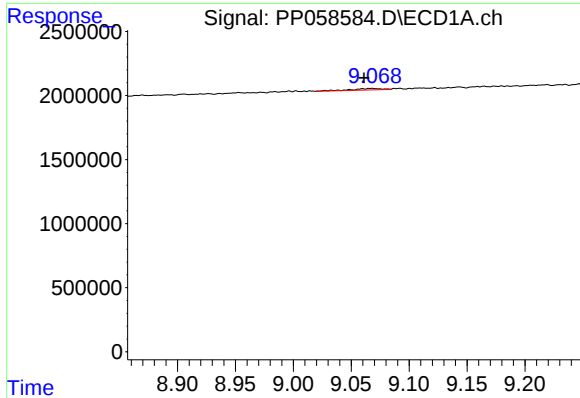
#42 AR-1268-2

R.T.: 8.835 min
Delta R.T.: 0.008 min
Response: 58395
Conc: 0.34 ng/ml



#42 AR-1268-2

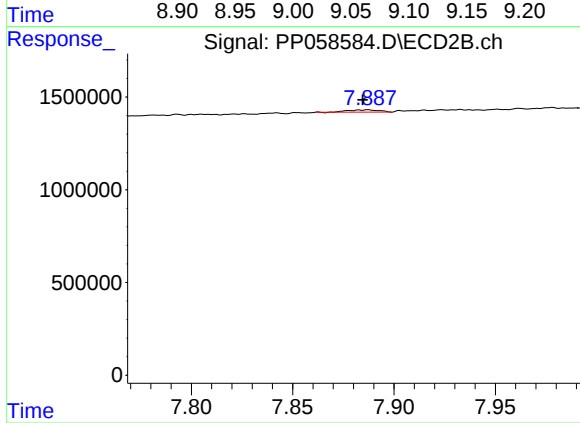
R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 424261
Conc: 2.57 ng/ml



#43 AR-1268-3

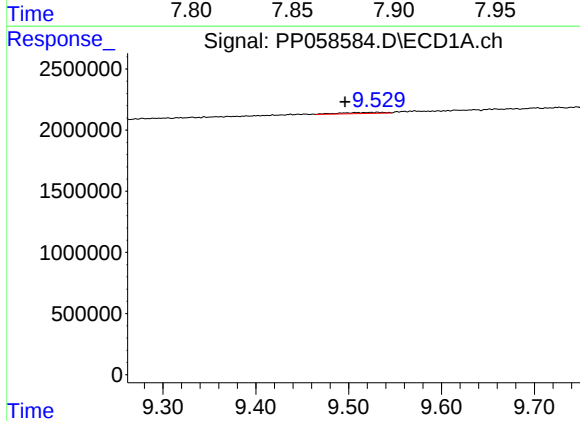
R.T.: 9.067 min
Delta R.T.: 0.006 min
Response: 206449
Conc: 1.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



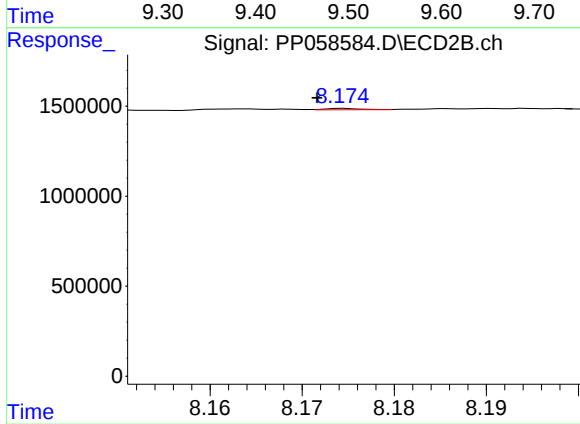
#43 AR-1268-3

R.T.: 7.887 min
Delta R.T.: 0.003 min
Response: 133614
Conc: 0.92 ng/ml



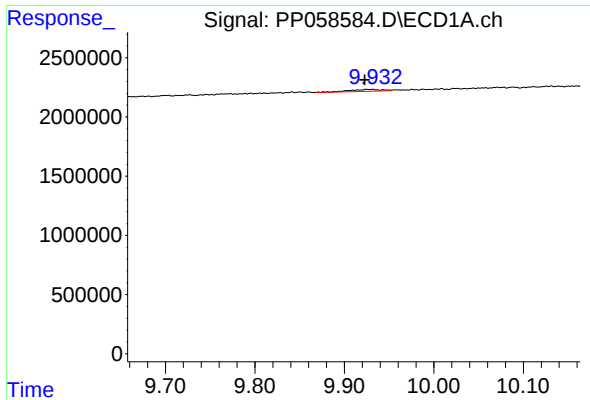
#44 AR-1268-4

R.T.: 9.507 min
Delta R.T.: 0.011 min
Response: 292131
Conc: 5.11 ng/ml



#44 AR-1268-4

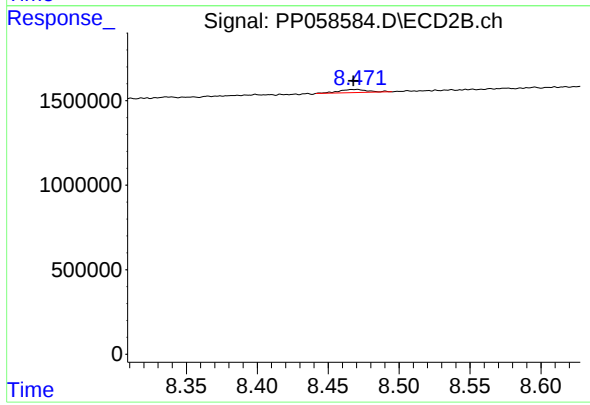
R.T.: 8.175 min
Delta R.T.: 0.003 min
Response: 19971
Conc: 0.37 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.009 min
Response: 433954
Conc: 0.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: 0.002 min
Response: 268788
Conc: 0.65 ng/ml