

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 22:51
 Operator : YP\AJ
 Sample : 01651-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:47:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.321	3.565	35460006	25199640	22.008	17.258
2)	SA Decachlor...	10.064	8.567	40518725	23551627	19.863	20.760
Target Compounds							
3)	L1 AR-1016-1	5.492	4.644	2309388	3218387	38.700	71.472 #
4)	L1 AR-1016-2	5.531	4.644f	55807790	3218387	637.882	49.556 #
5)	L1 AR-1016-3	5.571	4.843	1962524	-440152	35.329	N.D. #
6)	L1 AR-1016-4	5.680	4.884	-362413	16637851	N.D.	556.622 #
7)	L1 AR-1016-5	5.969	5.097	11728244	5050912	242.898	127.763 #
8)	L2 AR-1221-1	4.528	3.806f	27153695	737230	1304.549	41.042 #
9)	L2 AR-1221-2	4.632	3.845f	1130506	17048859	71.071	1298.135 #
10)	L2 AR-1221-3	4.692	3.931	1348296	759316	27.793	18.193 #
11)	L3 AR-1232-1	4.692	3.931	1348296	759316	34.039	22.057 #
12)	L3 AR-1232-2	5.234	4.644f	755177	3218387	36.357	109.654 #
13)	L3 AR-1232-3	5.531	4.843	55807790	-440152	1416.312	N.D. #
14)	L3 AR-1232-4	5.680	4.925	-362413	4665160	N.D.	307.736 #
15)	L3 AR-1232-5	5.766	5.097	25380076	5050912	1586.919	308.142 #
16)	L4 AR-1242-1	5.492	4.644	2309388	3218387	47.827	87.473 #
17)	L4 AR-1242-2	5.531	4.644f	55807790	3218387	785.373	61.103 #
18)	L4 AR-1242-3	5.571	4.843	1962524	-440152	43.989	N.D. #
19)	L4 AR-1242-4	5.680	4.925	-362413	4665160	N.D.	151.207 #
20)	L4 AR-1242-5	6.437f	5.457	1423135	3159777	33.974	94.862 #
21)	L5 AR-1248-1	5.492	4.644	2309388	3218387	63.474	115.238 #
22)	L5 AR-1248-2	5.766	4.884	25380076	16637851	441.102	391.104
23)	L5 AR-1248-3	5.969	4.925	11728244	4665160	180.495	104.832 #
24)	L5 AR-1248-4	6.383	5.097	1617921	5050912	22.300	98.648 #
25)	L5 AR-1248-5	6.437f	5.490	1423135	1144922	20.079	25.976 #
26)	L6 AR-1254-1	6.351	5.457	971474	3159777	13.213	42.948 #
27)	L6 AR-1254-2	6.569	5.599	2504323	1031824	21.700	16.400
28)	L6 AR-1254-3	6.937	6.003	1879848	1817725	15.275	18.534
29)	L6 AR-1254-4	7.225	6.241	1298964	1135113	14.142	20.621 #
30)	L6 AR-1254-5	7.643	6.651	2297064	2004895	21.855	24.676
31)	L7 AR-1260-1	7.102	6.130	1536118	1305732	14.835	17.911
32)	L7 AR-1260-2	7.356	6.325	3133037	2355622	24.910	28.869
33)	L7 AR-1260-3	7.722	6.474	1104045	573205	12.571	6.783 #
34)	L7 AR-1260-4	7.952	6.946	2264636	754160	21.071	11.784 #
35)	L7 AR-1260-5	8.263	7.190	1778312	1993556	8.614	14.728 #
36)	L8 AR-1262-1	7.722	6.743	1104045	471653	9.358	13.381 #
37)	L8 AR-1262-2	8.263	6.946	1778312	754160	8.103	10.157 #
38)	L8 AR-1262-3	8.584	7.473	991060	403992	6.483	7.281
39)	L8 AR-1262-4	8.666	7.537	2327950	1352053	30.922	13.319 #
40)	L8 AR-1262-5	9.312	8.033	812512	373536	9.855	8.214
41)	L9 AR-1268-1	8.584	7.473	991060	403992	3.473	2.403 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
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 Acq On : 24 Feb 2023 22:51
 Operator : YP\AJ
 Sample : 01651-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

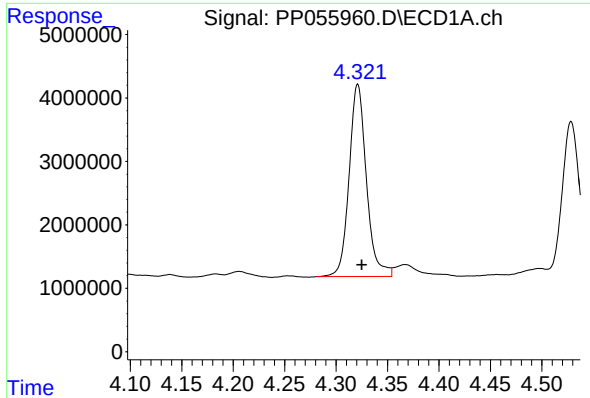
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:47:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	8.666	7.537	2327950	1352053	8.731	8.839
43) L9	AR-1268-3	8.907	7.745	473365	152794	2.011	1.114 #
44) L9	AR-1268-4	9.312	8.033	812512	373536	8.230	6.789
45) L9	AR-1268-5	9.731	8.323	825619	81944	1.097	0.203 #

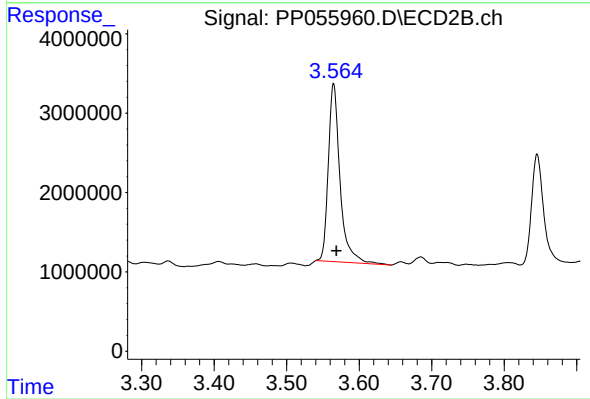
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

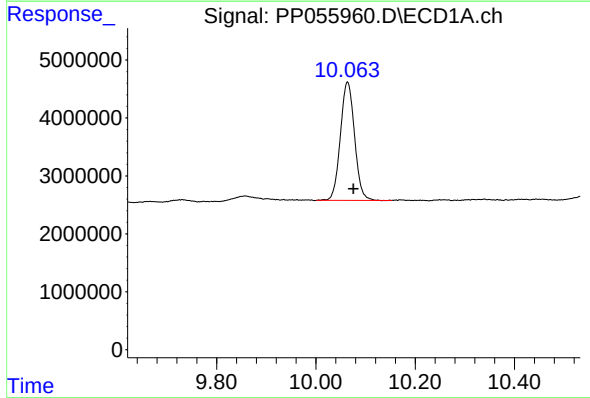
R.T.: 4.321 min
Delta R.T.: -0.004 min
Response: 35460006
Conc: 22.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



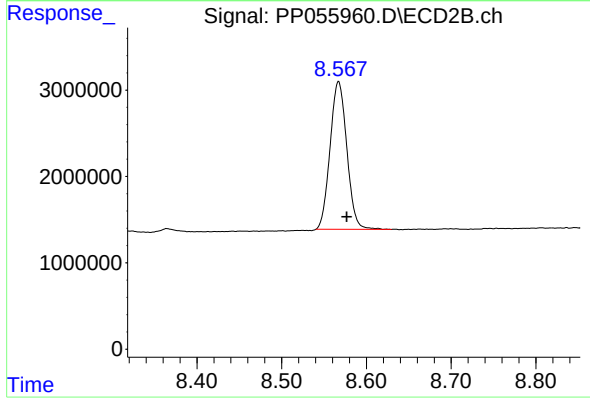
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.004 min
Response: 25199640
Conc: 17.26 ng/ml



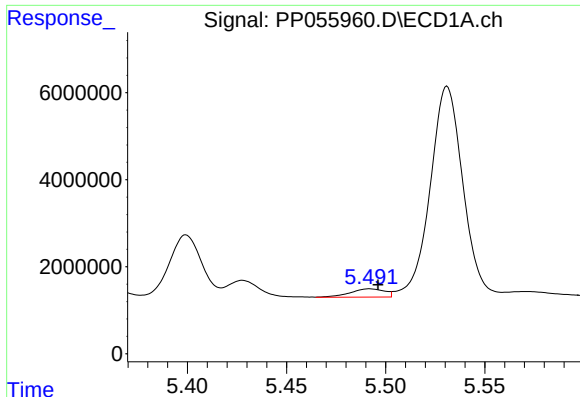
#2 Decachlorobiphenyl

R.T.: 10.064 min
Delta R.T.: -0.012 min
Response: 40518725
Conc: 19.86 ng/ml



#2 Decachlorobiphenyl

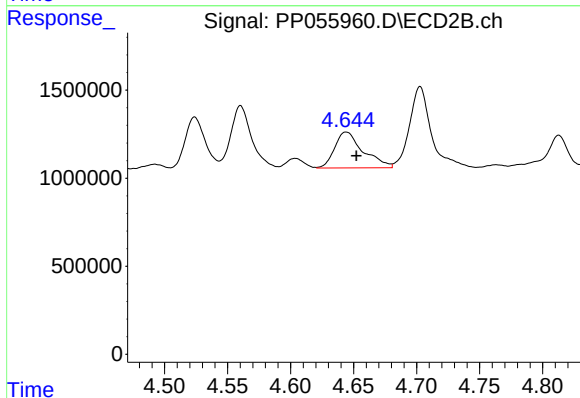
R.T.: 8.567 min
Delta R.T.: -0.009 min
Response: 23551627
Conc: 20.76 ng/ml



#3 AR-1016-1

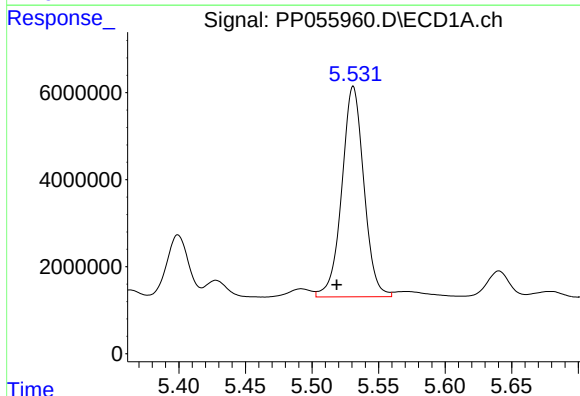
R.T.: 5.492 min
Delta R.T.: -0.004 min
Response: 2309388
Conc: 38.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



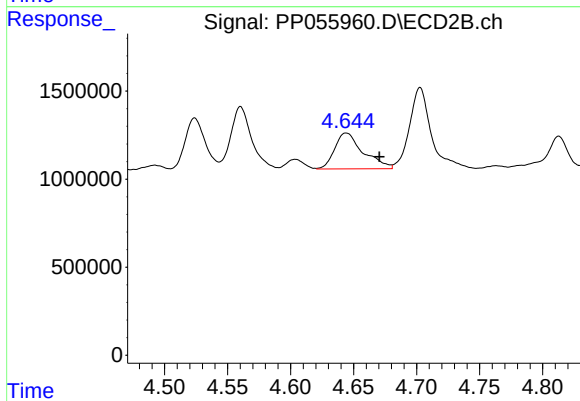
#3 AR-1016-1

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 3218387
Conc: 71.47 ng/ml



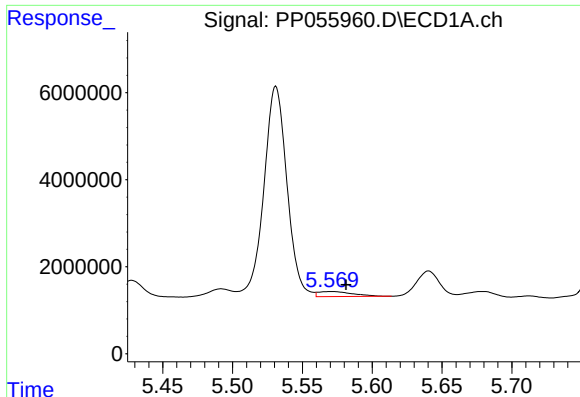
#4 AR-1016-2

R.T.: 5.531 min
Delta R.T.: 0.013 min
Response: 55807790
Conc: 637.88 ng/ml



#4 AR-1016-2

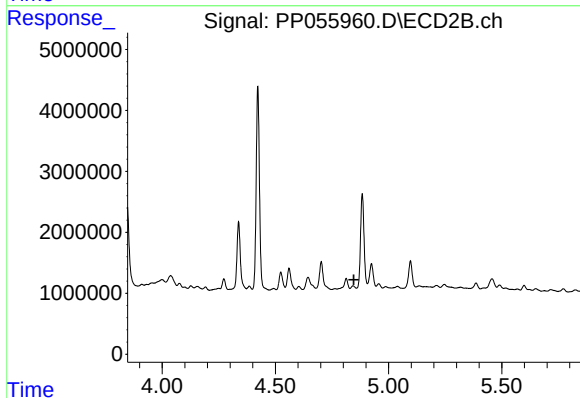
R.T.: 4.644 min
Delta R.T.: -0.026 min
Response: 3218387
Conc: 49.56 ng/ml



#5 AR-1016-3

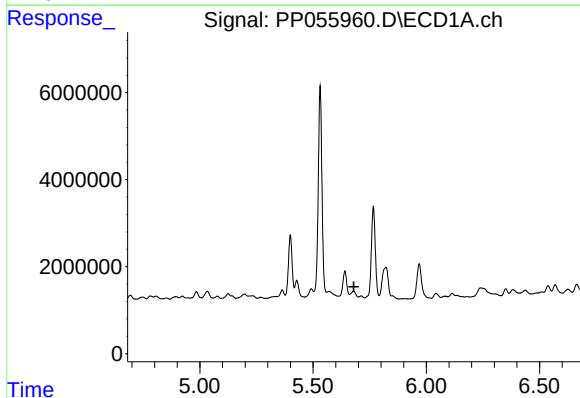
R.T.: 5.571 min
Delta R.T.: -0.010 min
Response: 1962524
Conc: 35.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



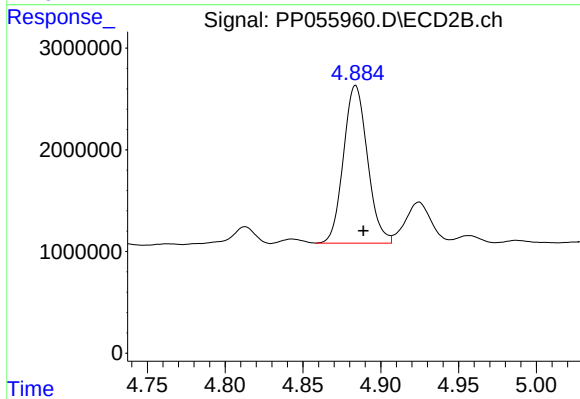
#5 AR-1016-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: -440152
Conc: N.D.



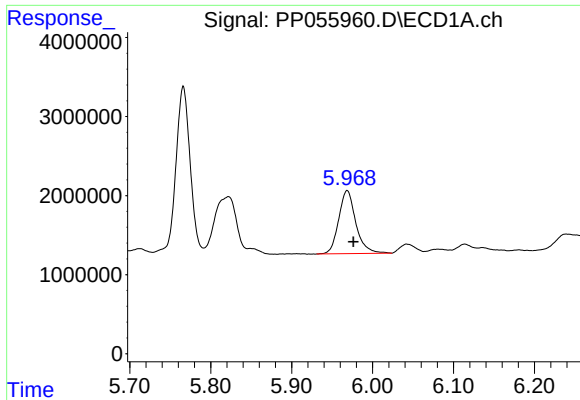
#6 AR-1016-4

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: -362413
Conc: N.D.



#6 AR-1016-4

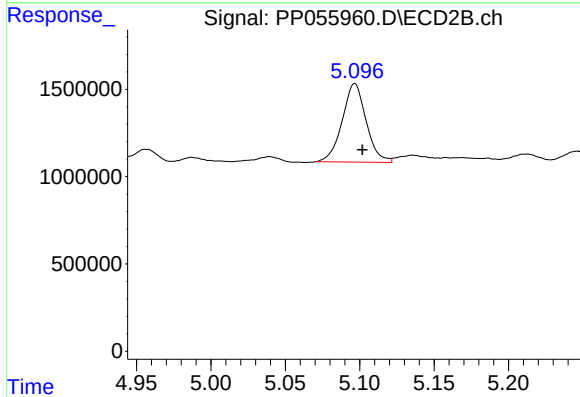
R.T.: 4.884 min
Delta R.T.: -0.005 min
Response: 16637851
Conc: 556.62 ng/ml



#7 AR-1016-5

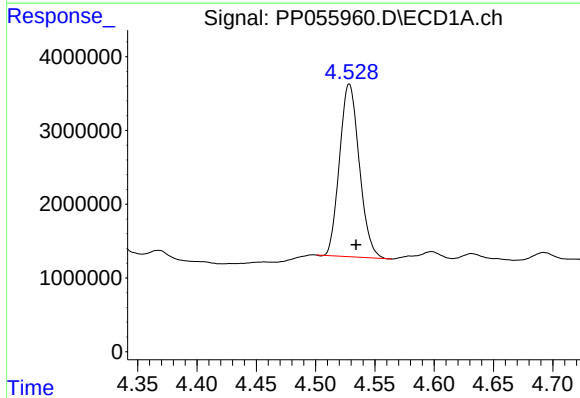
R.T.: 5.969 min
Delta R.T.: -0.007 min
Response: 11728244
Conc: 242.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



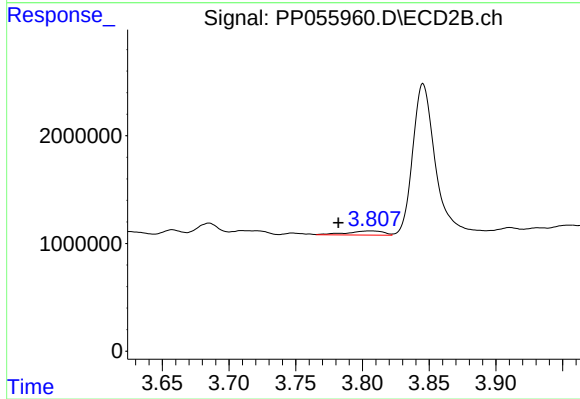
#7 AR-1016-5

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 5050912
Conc: 127.76 ng/ml



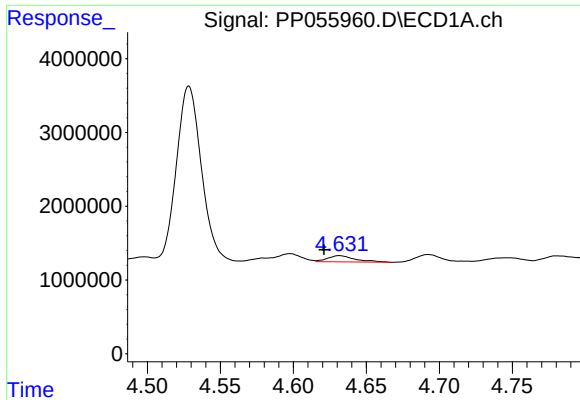
#8 AR-1221-1

R.T.: 4.528 min
Delta R.T.: -0.006 min
Response: 27153695
Conc: 1304.55 ng/ml



#8 AR-1221-1

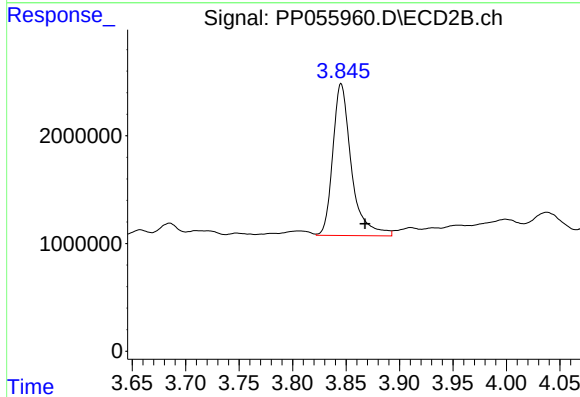
R.T.: 3.806 min
Delta R.T.: 0.024 min
Response: 737230
Conc: 41.04 ng/ml



#9 AR-1221-2

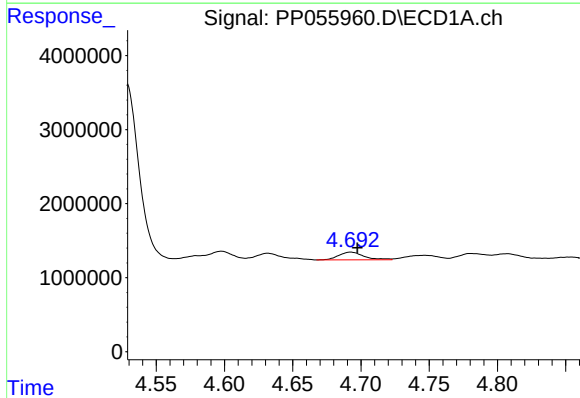
R.T.: 4.632 min
Delta R.T.: 0.011 min
Response: 1130506
Conc: 71.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



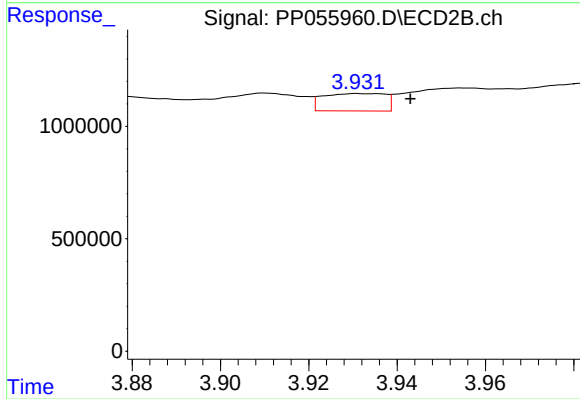
#9 AR-1221-2

R.T.: 3.845 min
Delta R.T.: -0.022 min
Response: 17048859
Conc: 1298.14 ng/ml



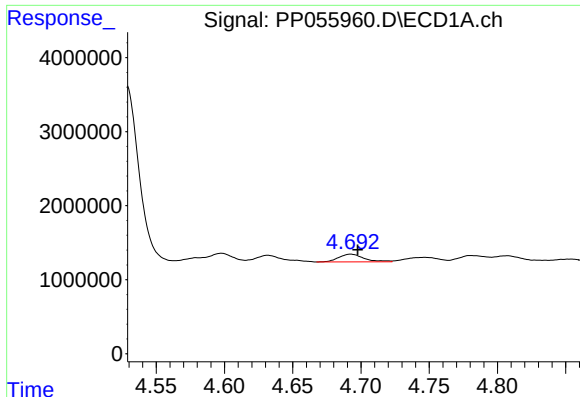
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: -0.005 min
Response: 1348296
Conc: 27.79 ng/ml



#10 AR-1221-3

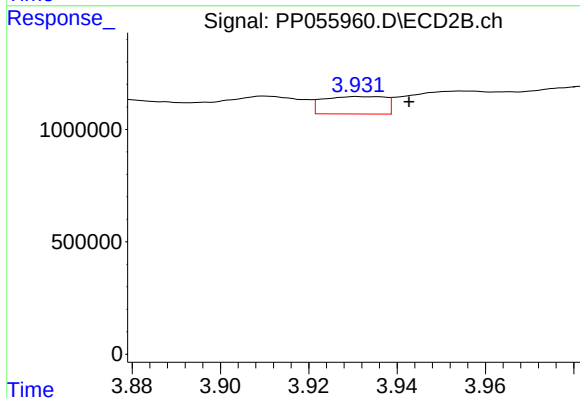
R.T.: 3.931 min
Delta R.T.: -0.012 min
Response: 759316
Conc: 18.19 ng/ml



#11 AR-1232-1

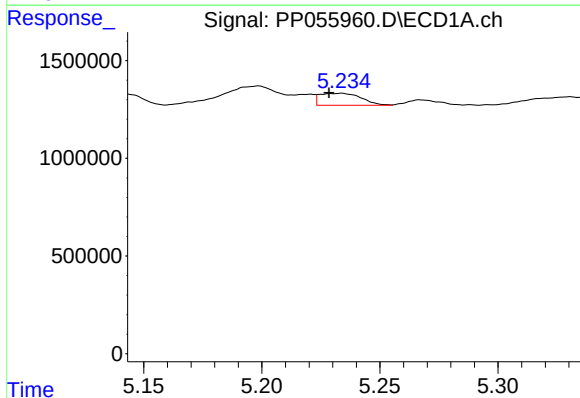
R.T.: 4.692 min
Delta R.T.: -0.005 min
Response: 1348296
Conc: 34.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



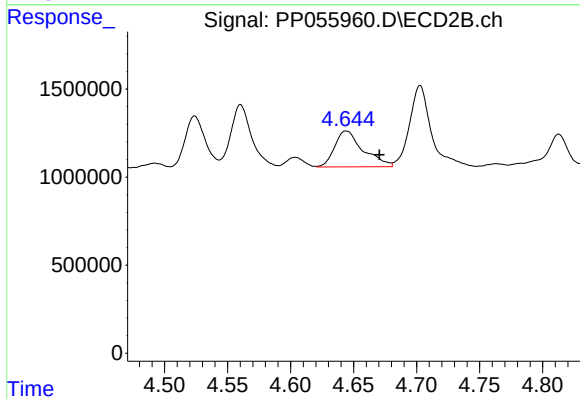
#11 AR-1232-1

R.T.: 3.931 min
Delta R.T.: -0.011 min
Response: 759316
Conc: 22.06 ng/ml



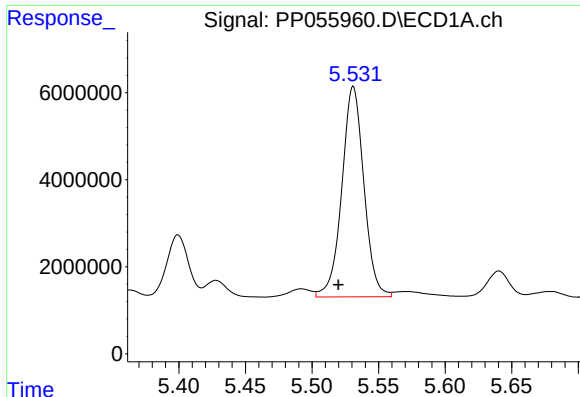
#12 AR-1232-2

R.T.: 5.234 min
Delta R.T.: 0.005 min
Response: 755177
Conc: 36.36 ng/ml



#12 AR-1232-2

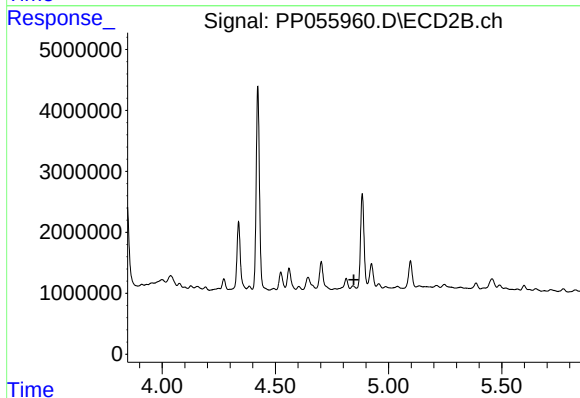
R.T.: 4.644 min
Delta R.T.: -0.026 min
Response: 3218387
Conc: 109.65 ng/ml



#13 AR-1232-3

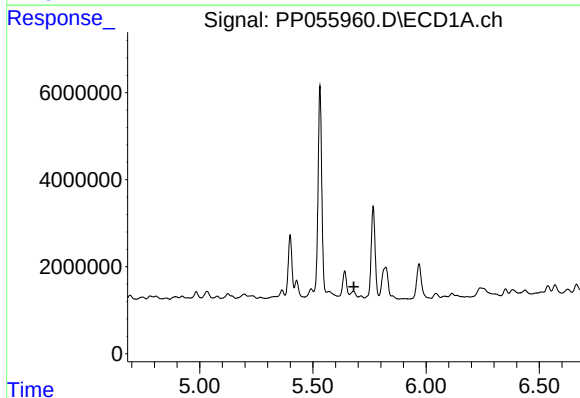
R.T.: 5.531 min
Delta R.T.: 0.011 min
Response: 55807790
Conc: 1416.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



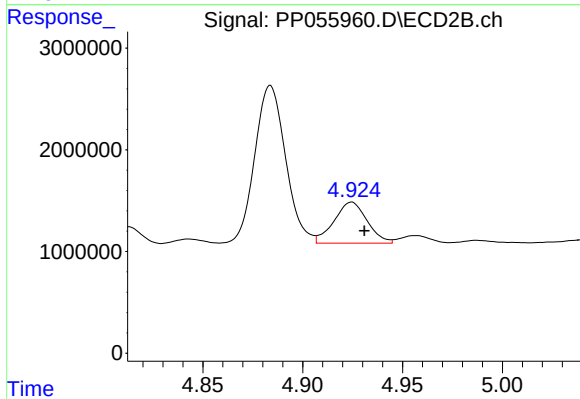
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: -440152
Conc: N.D.



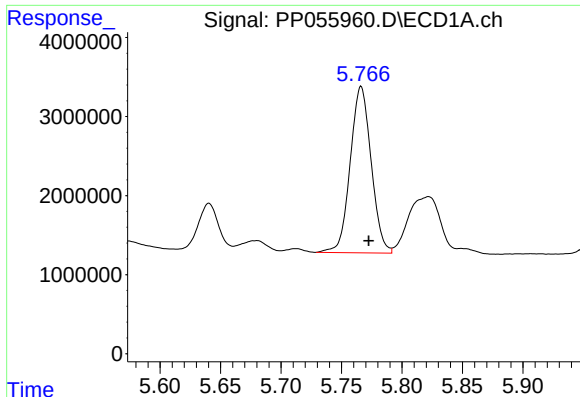
#14 AR-1232-4

R.T.: 5.680 min
Delta R.T.: -0.001 min
Response: -362413
Conc: N.D.



#14 AR-1232-4

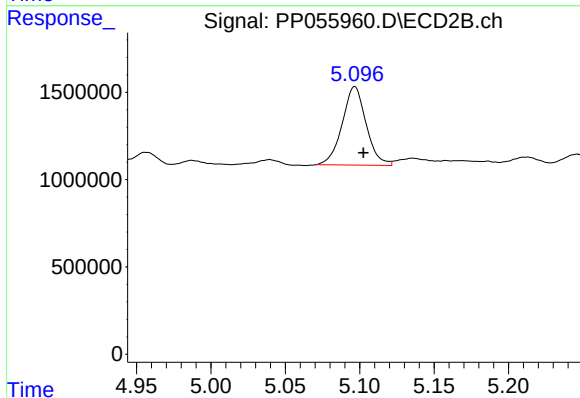
R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 4665160
Conc: 307.74 ng/ml



#15 AR-1232-5

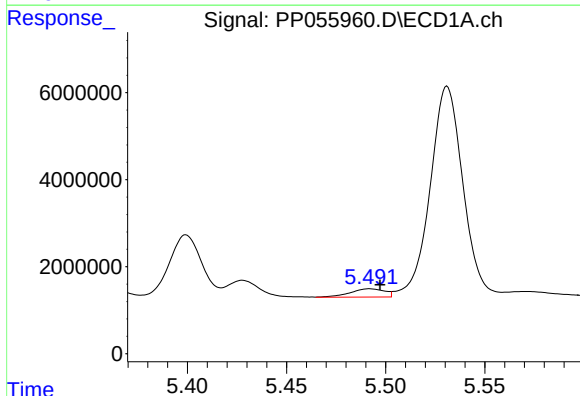
R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 25380076
Conc: 1586.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



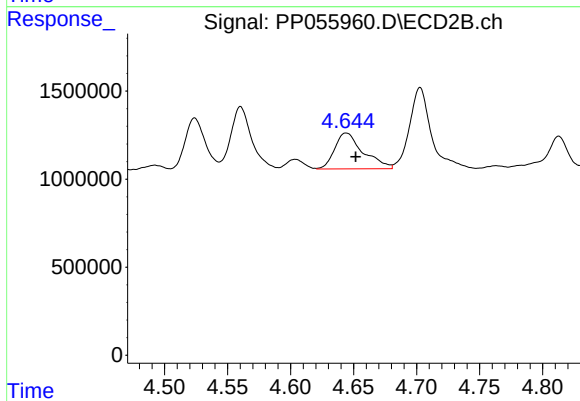
#15 AR-1232-5

R.T.: 5.097 min
Delta R.T.: -0.006 min
Response: 5050912
Conc: 308.14 ng/ml



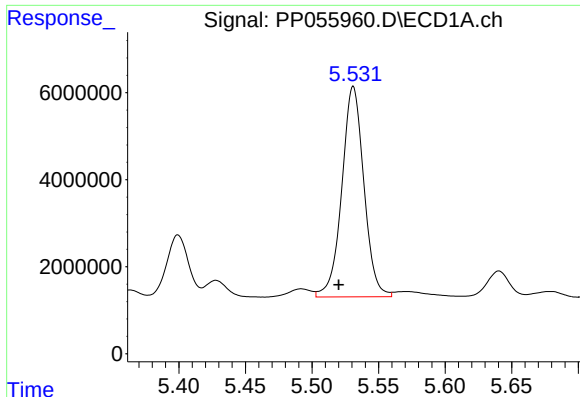
#16 AR-1242-1

R.T.: 5.492 min
Delta R.T.: -0.005 min
Response: 2309388
Conc: 47.83 ng/ml



#16 AR-1242-1

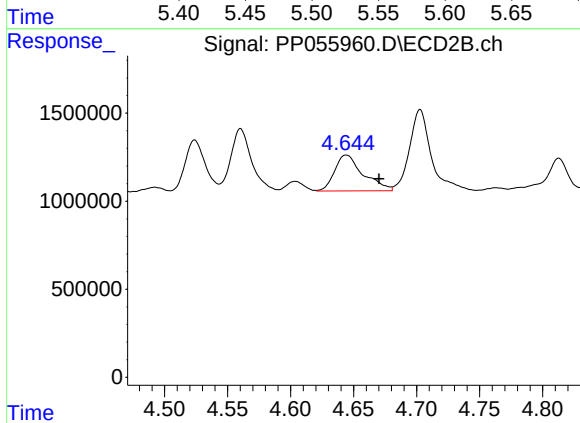
R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 3218387
Conc: 87.47 ng/ml



#17 AR-1242-2

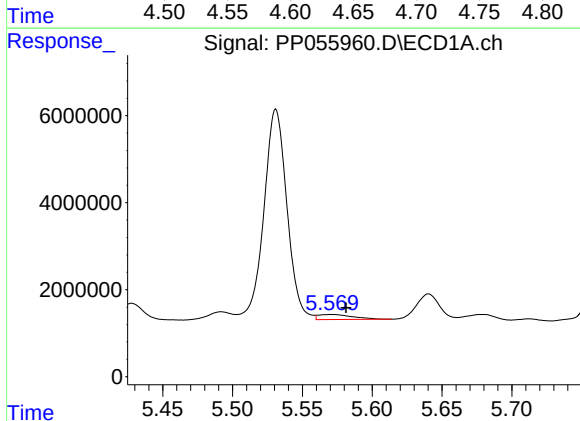
R.T.: 5.531 min
Delta R.T.: 0.011 min
Response: 55807790
Conc: 785.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



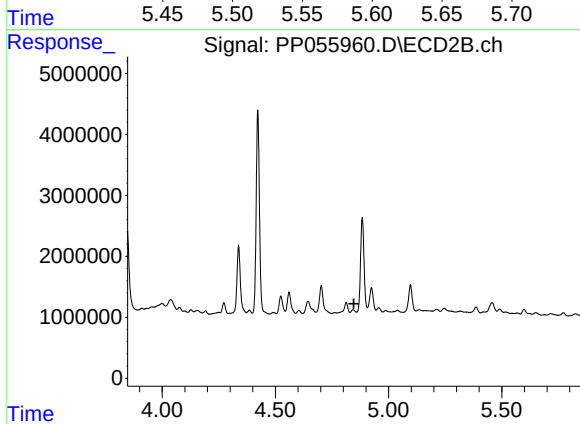
#17 AR-1242-2

R.T.: 4.644 min
Delta R.T.: -0.026 min
Response: 3218387
Conc: 61.10 ng/ml



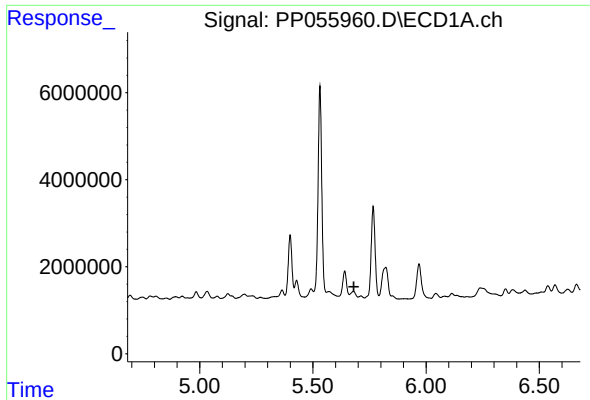
#18 AR-1242-3

R.T.: 5.571 min
Delta R.T.: -0.010 min
Response: 1962524
Conc: 43.99 ng/ml



#18 AR-1242-3

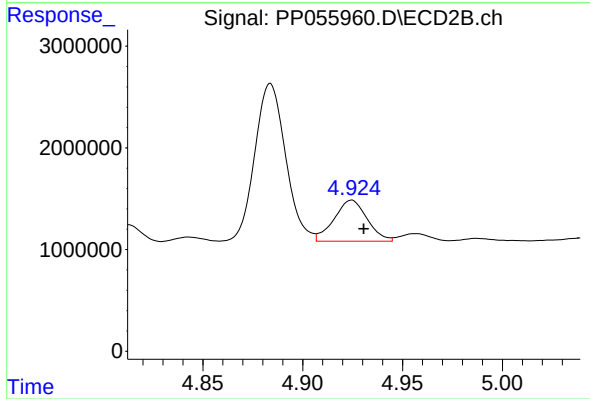
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: -440152
Conc: N.D.



#19 AR-1242-4

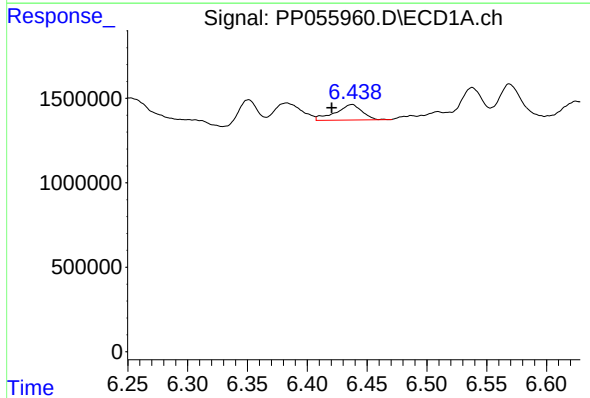
R.T.: 5.680 min
Delta R.T.: -0.001 min
Response: -362413
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



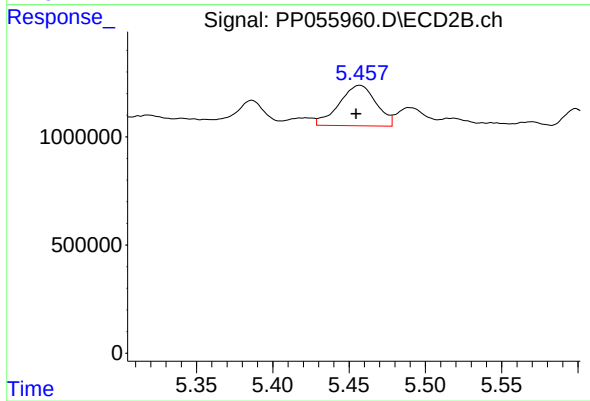
#19 AR-1242-4

R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 4665160
Conc: 151.21 ng/ml



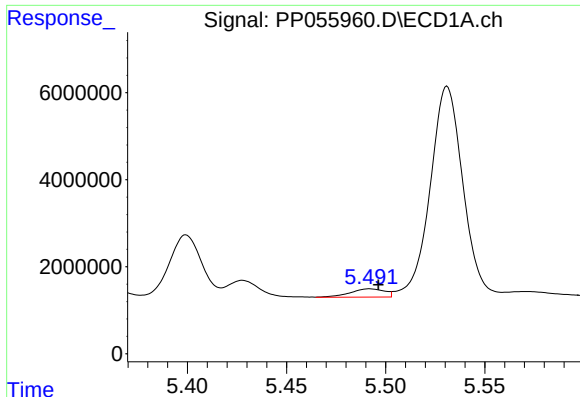
#20 AR-1242-5

R.T.: 6.437 min
Delta R.T.: 0.017 min
Response: 1423135
Conc: 33.97 ng/ml



#20 AR-1242-5

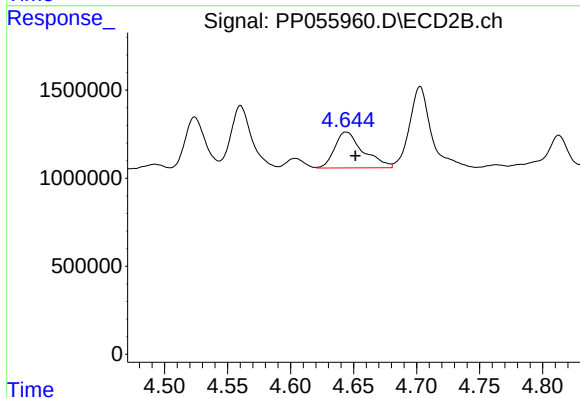
R.T.: 5.457 min
Delta R.T.: 0.002 min
Response: 3159777
Conc: 94.86 ng/ml



#21 AR-1248-1

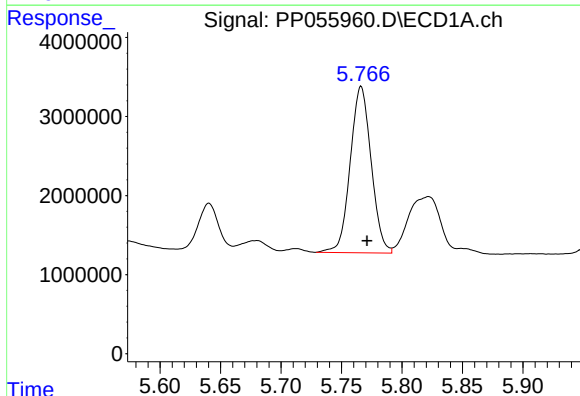
R.T.: 5.492 min
Delta R.T.: -0.005 min
Response: 2309388
Conc: 63.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



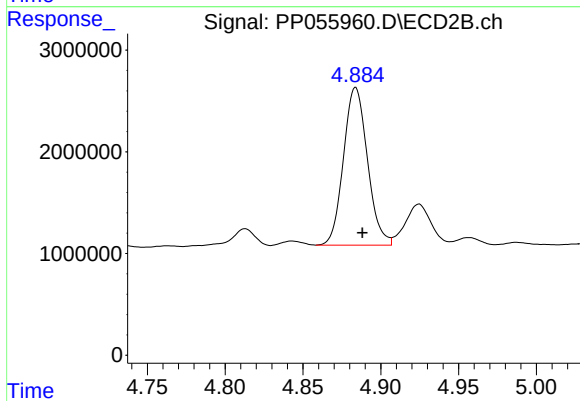
#21 AR-1248-1

R.T.: 4.644 min
Delta R.T.: -0.007 min
Response: 3218387
Conc: 115.24 ng/ml



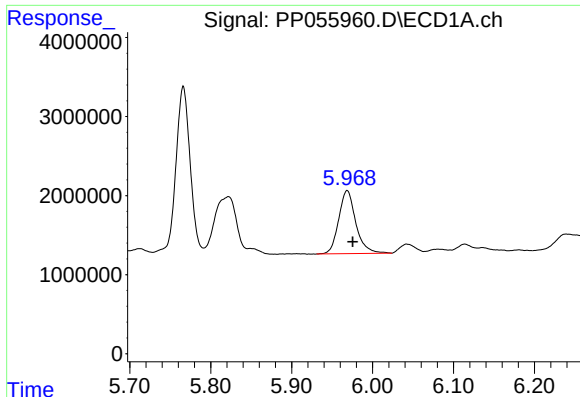
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 25380076
Conc: 441.10 ng/ml



#22 AR-1248-2

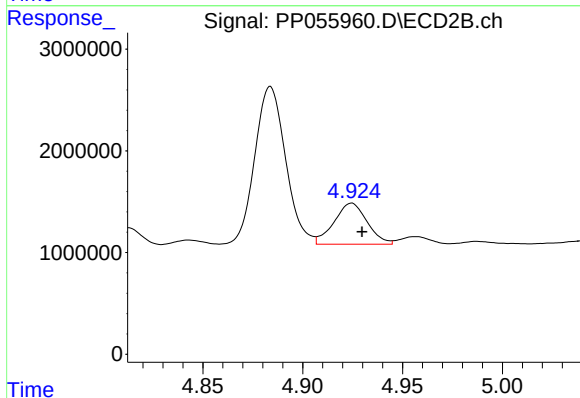
R.T.: 4.884 min
Delta R.T.: -0.004 min
Response: 16637851
Conc: 391.10 ng/ml



#23 AR-1248-3

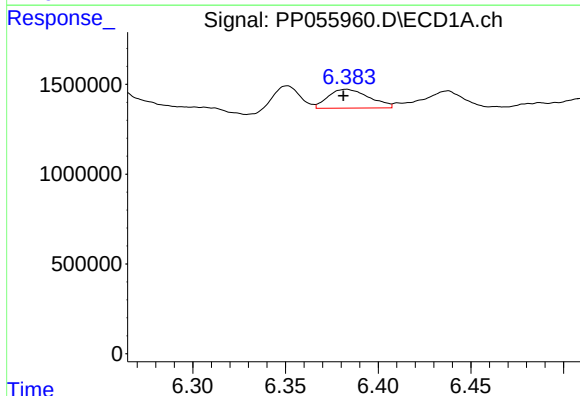
R.T.: 5.969 min
Delta R.T.: -0.007 min
Response: 11728244
Conc: 180.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



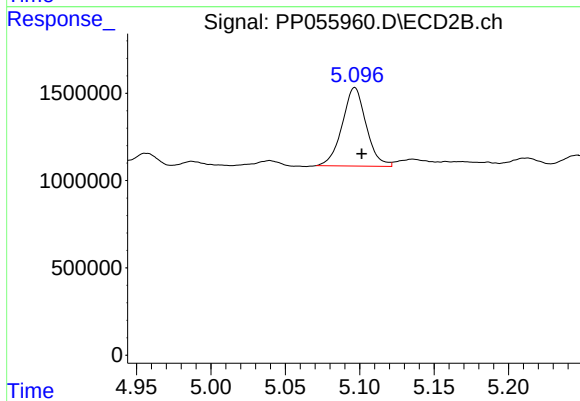
#23 AR-1248-3

R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 4665160
Conc: 104.83 ng/ml



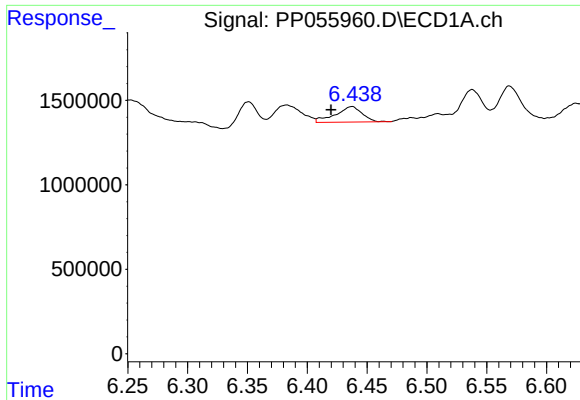
#24 AR-1248-4

R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 1617921
Conc: 22.30 ng/ml



#24 AR-1248-4

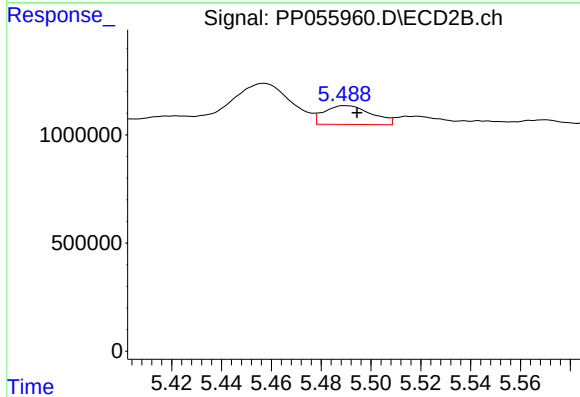
R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 5050912
Conc: 98.65 ng/ml



#25 AR-1248-5

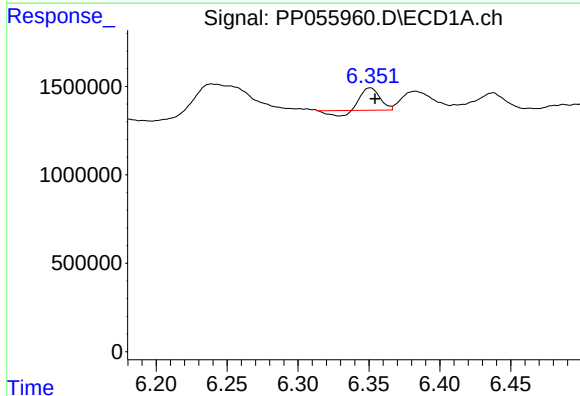
R.T.: 6.437 min
Delta R.T.: 0.018 min
Response: 1423135
Conc: 20.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



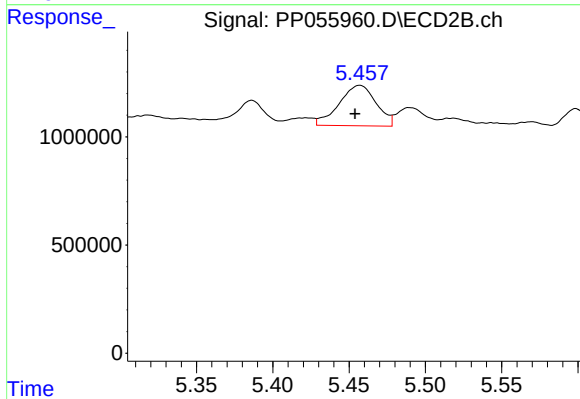
#25 AR-1248-5

R.T.: 5.490 min
Delta R.T.: -0.005 min
Response: 1144922
Conc: 25.98 ng/ml



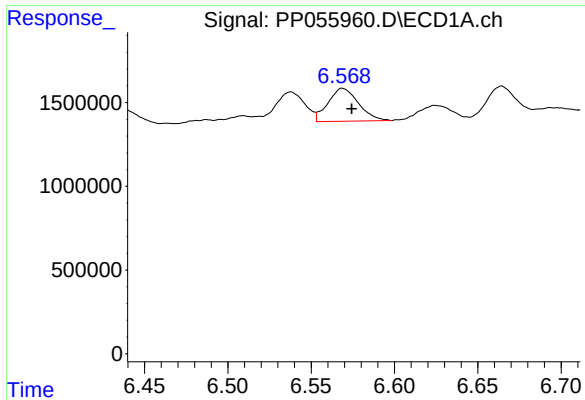
#26 AR-1254-1

R.T.: 6.351 min
Delta R.T.: -0.004 min
Response: 971474
Conc: 13.21 ng/ml



#26 AR-1254-1

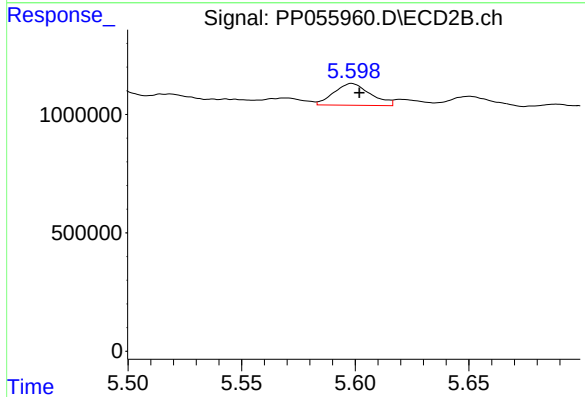
R.T.: 5.457 min
Delta R.T.: 0.003 min
Response: 3159777
Conc: 42.95 ng/ml



#27 AR-1254-2

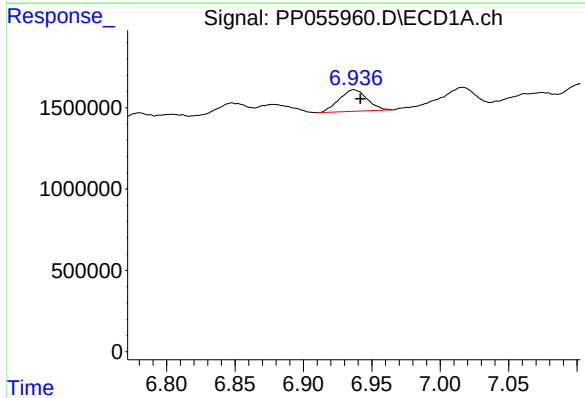
R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 2504323
Conc: 21.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



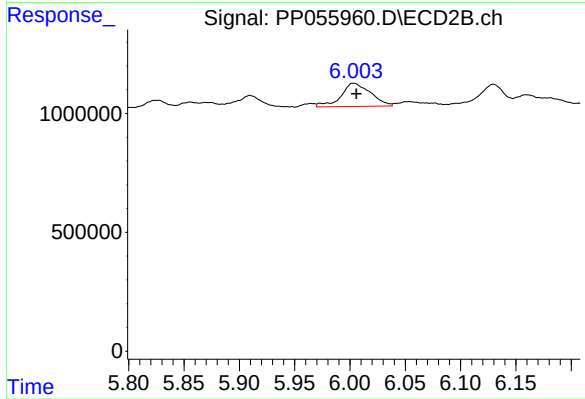
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 1031824
Conc: 16.40 ng/ml



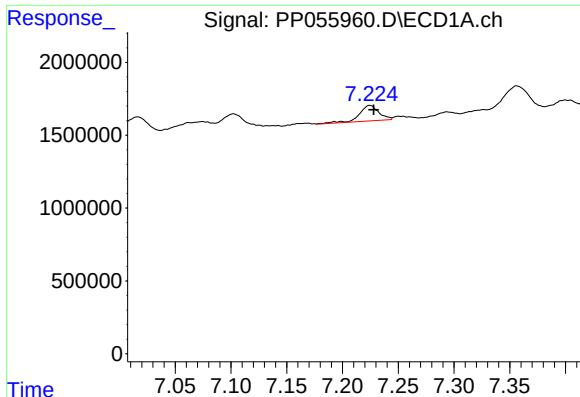
#28 AR-1254-3

R.T.: 6.937 min
Delta R.T.: -0.005 min
Response: 1879848
Conc: 15.27 ng/ml



#28 AR-1254-3

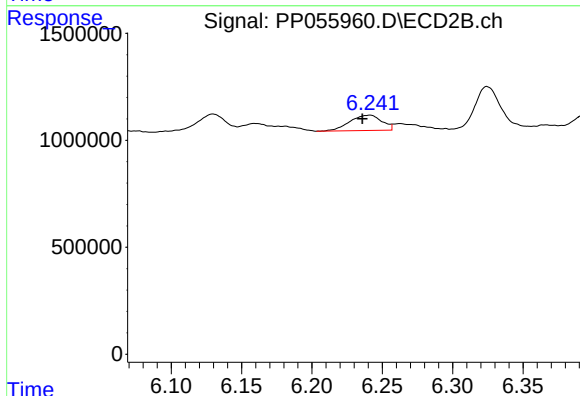
R.T.: 6.003 min
Delta R.T.: -0.002 min
Response: 1817725
Conc: 18.53 ng/ml



#29 AR-1254-4

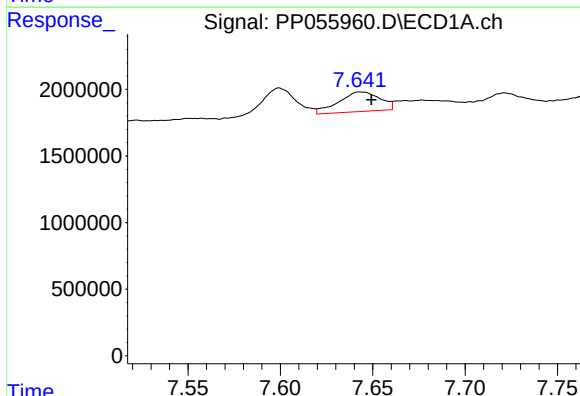
R.T.: 7.225 min
Delta R.T.: -0.004 min
Response: 1298964
Conc: 14.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



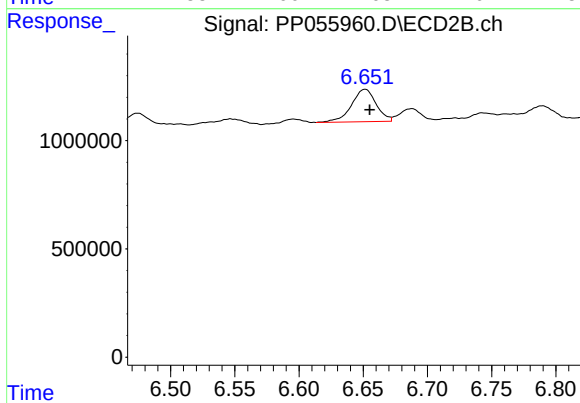
#29 AR-1254-4

R.T.: 6.241 min
Delta R.T.: 0.005 min
Response: 1135113
Conc: 20.62 ng/ml



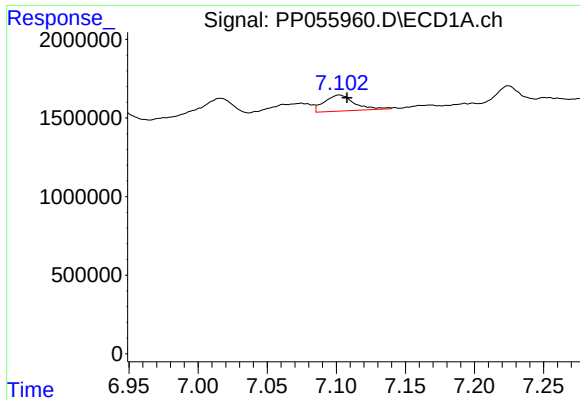
#30 AR-1254-5

R.T.: 7.643 min
Delta R.T.: -0.006 min
Response: 2297064
Conc: 21.86 ng/ml



#30 AR-1254-5

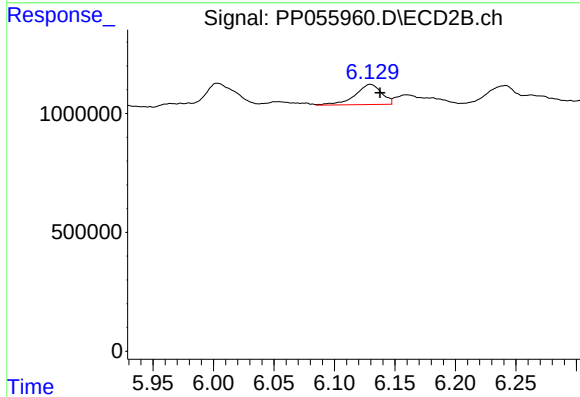
R.T.: 6.651 min
Delta R.T.: -0.004 min
Response: 2004895
Conc: 24.68 ng/ml



#31 AR-1260-1

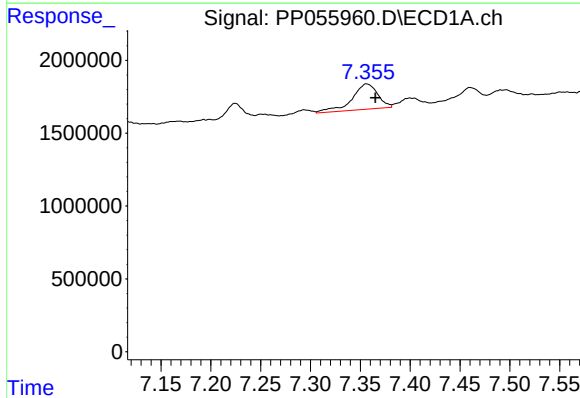
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 1536118
Conc: 14.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



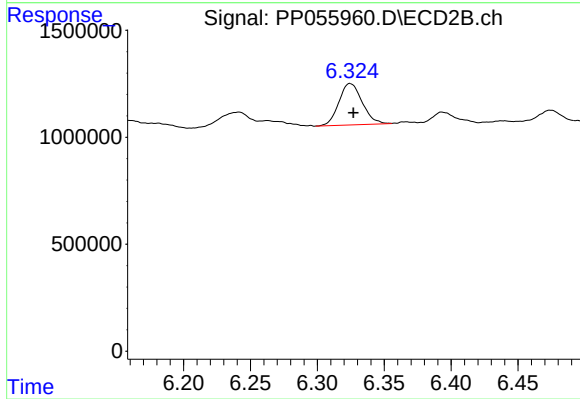
#31 AR-1260-1

R.T.: 6.130 min
Delta R.T.: -0.008 min
Response: 1305732
Conc: 17.91 ng/ml



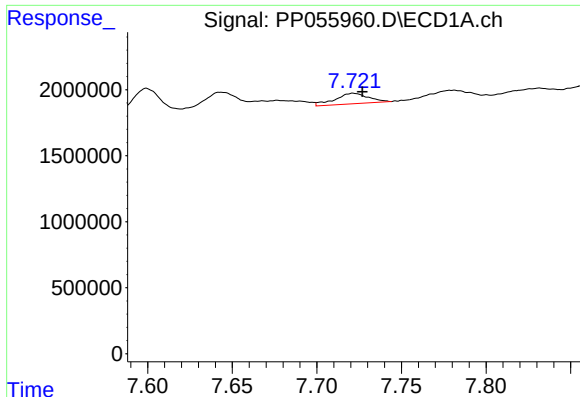
#32 AR-1260-2

R.T.: 7.356 min
Delta R.T.: -0.009 min
Response: 3133037
Conc: 24.91 ng/ml



#32 AR-1260-2

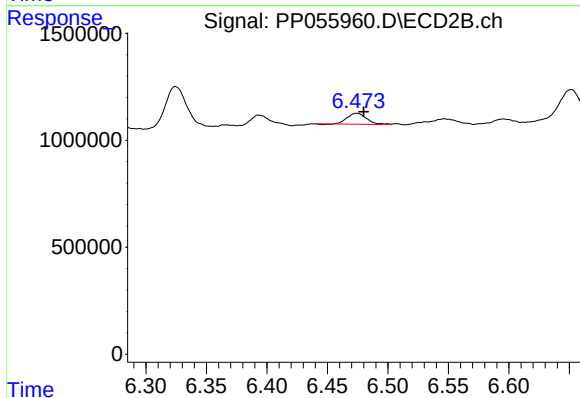
R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 2355622
Conc: 28.87 ng/ml



#33 AR-1260-3

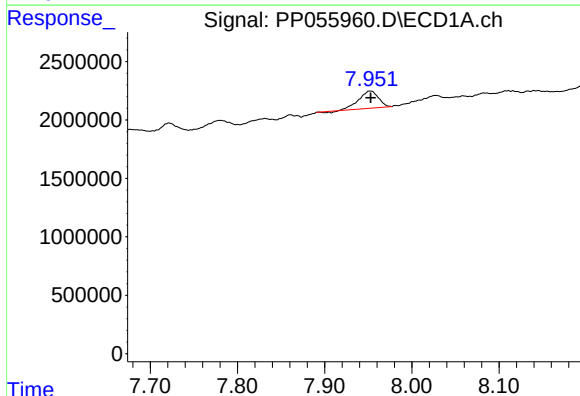
R.T.: 7.722 min
Delta R.T.: -0.005 min
Response: 1104045
Conc: 12.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



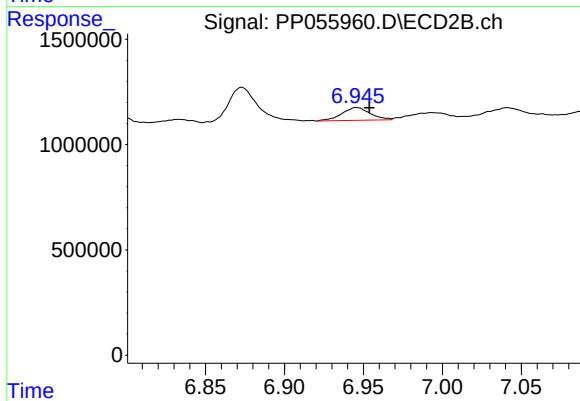
#33 AR-1260-3

R.T.: 6.474 min
Delta R.T.: -0.006 min
Response: 573205
Conc: 6.78 ng/ml



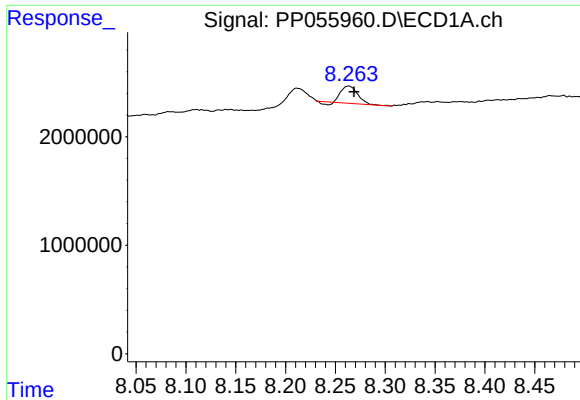
#34 AR-1260-4

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 2264636
Conc: 21.07 ng/ml



#34 AR-1260-4

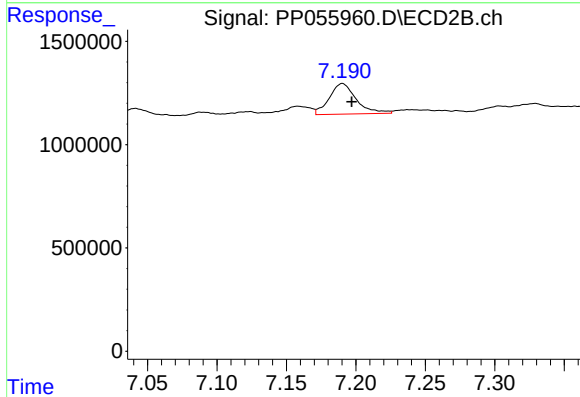
R.T.: 6.946 min
Delta R.T.: -0.008 min
Response: 754160
Conc: 11.78 ng/ml



#35 AR-1260-5

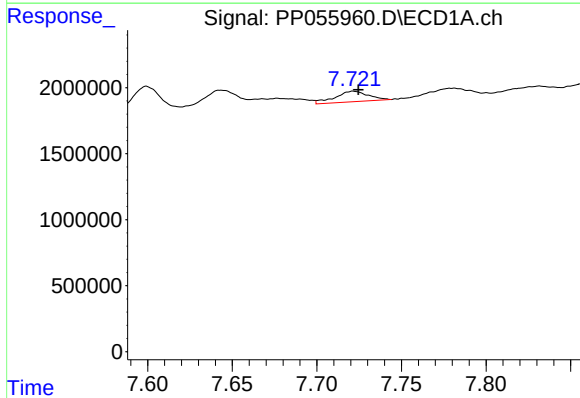
R.T.: 8.263 min
Delta R.T.: -0.005 min
Response: 1778312
Conc: 8.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



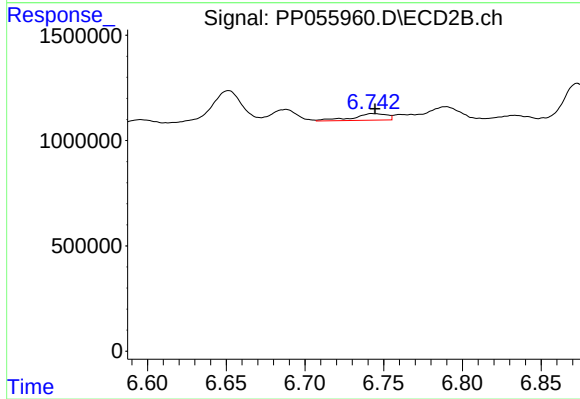
#35 AR-1260-5

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 1993556
Conc: 14.73 ng/ml



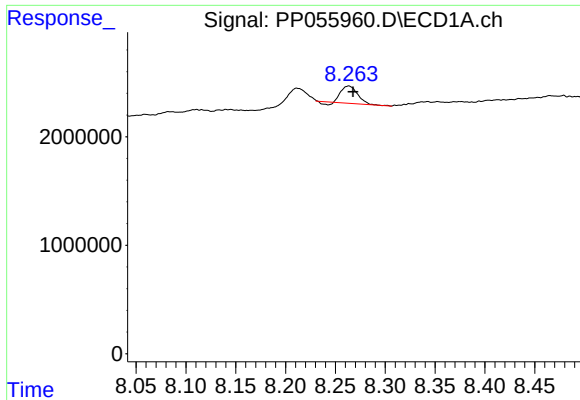
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.003 min
Response: 1104045
Conc: 9.36 ng/ml



#36 AR-1262-1

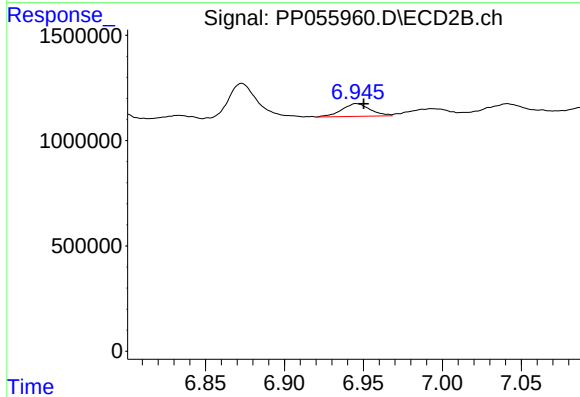
R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 471653
Conc: 13.38 ng/ml



#37 AR-1262-2

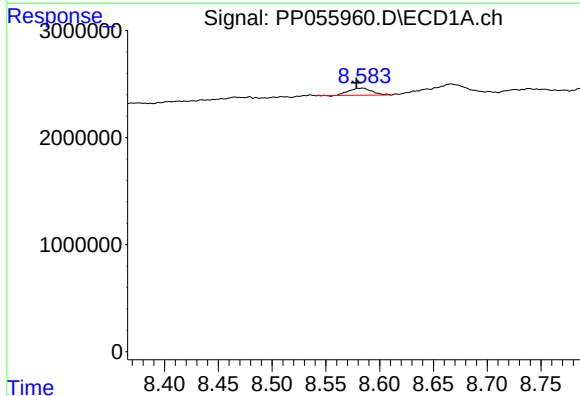
R.T.: 8.263 min
Delta R.T.: -0.004 min
Response: 1778312
Conc: 8.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



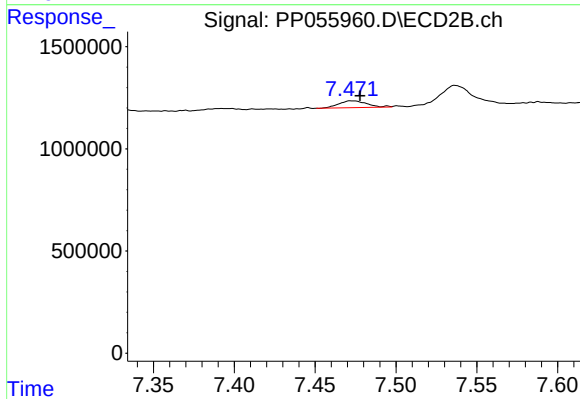
#37 AR-1262-2

R.T.: 6.946 min
Delta R.T.: -0.004 min
Response: 754160
Conc: 10.16 ng/ml



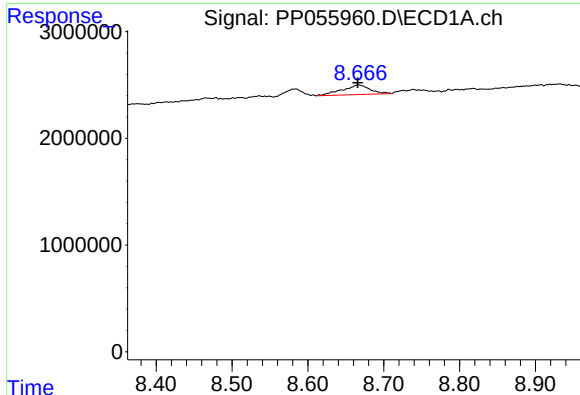
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.006 min
Response: 991060
Conc: 6.48 ng/ml



#38 AR-1262-3

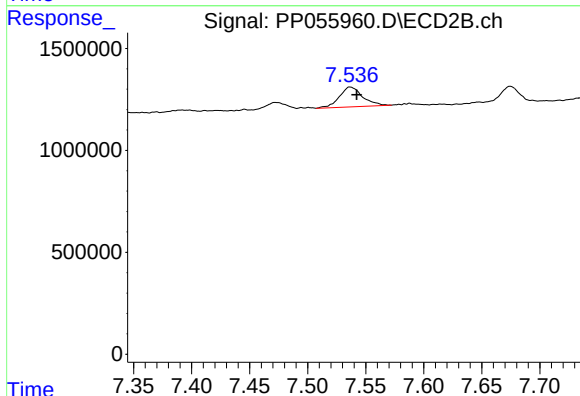
R.T.: 7.473 min
Delta R.T.: -0.005 min
Response: 403992
Conc: 7.28 ng/ml



#39 AR-1262-4

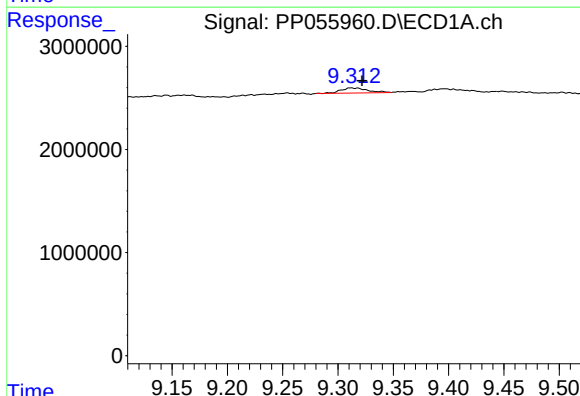
R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 2327950
Conc: 30.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



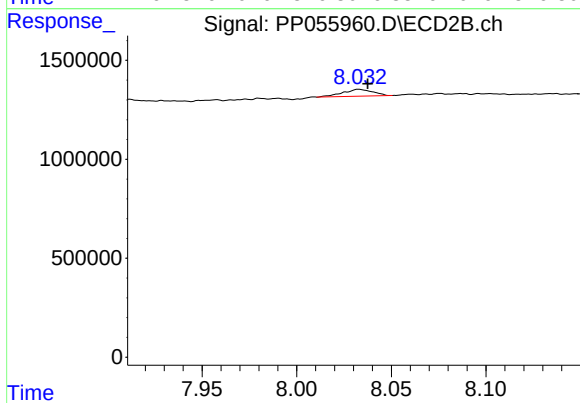
#39 AR-1262-4

R.T.: 7.537 min
Delta R.T.: -0.005 min
Response: 1352053
Conc: 13.32 ng/ml



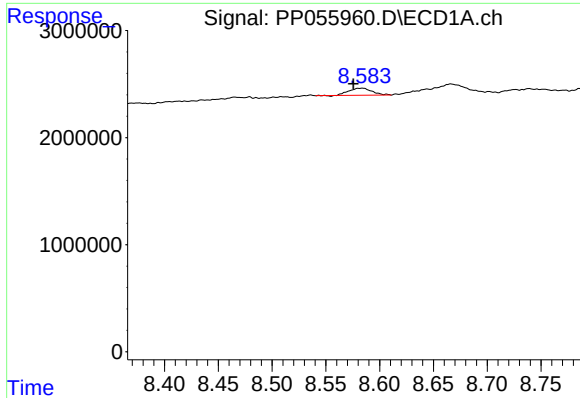
#40 AR-1262-5

R.T.: 9.312 min
Delta R.T.: -0.010 min
Response: 812512
Conc: 9.86 ng/ml



#40 AR-1262-5

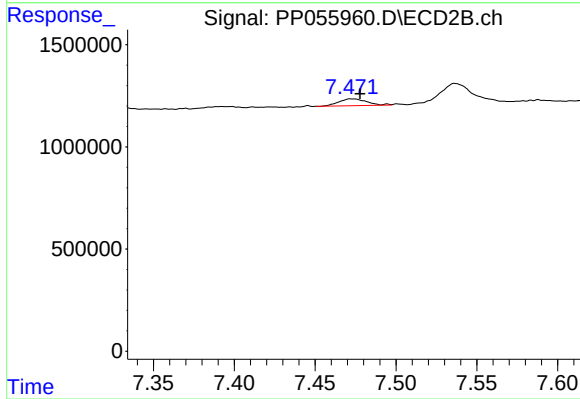
R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 373536
Conc: 8.21 ng/ml



#41 AR-1268-1

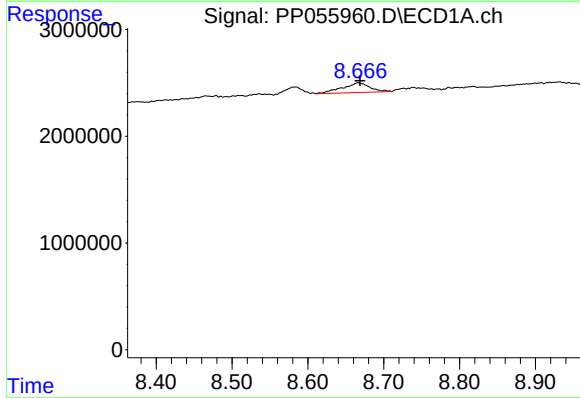
R.T.: 8.584 min
Delta R.T.: 0.008 min
Response: 991060
Conc: 3.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



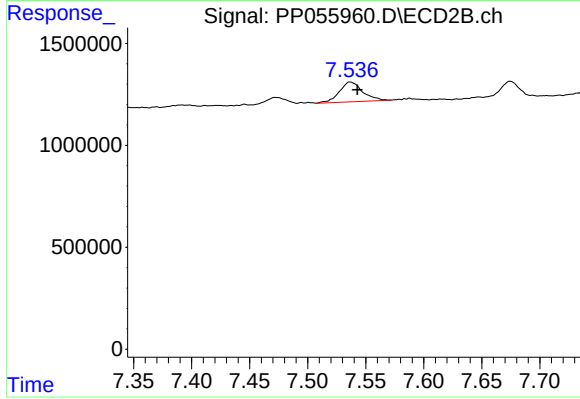
#41 AR-1268-1

R.T.: 7.473 min
Delta R.T.: -0.005 min
Response: 403992
Conc: 2.40 ng/ml



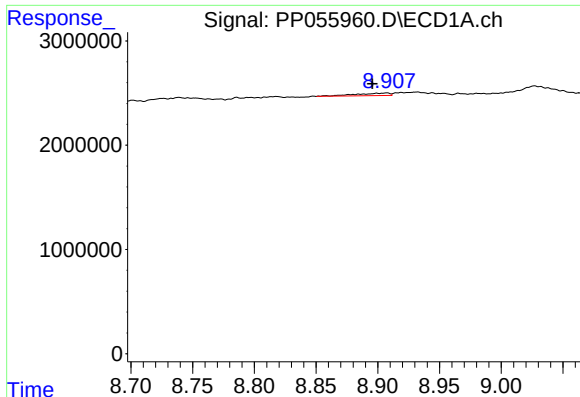
#42 AR-1268-2

R.T.: 8.666 min
Delta R.T.: -0.002 min
Response: 2327950
Conc: 8.73 ng/ml



#42 AR-1268-2

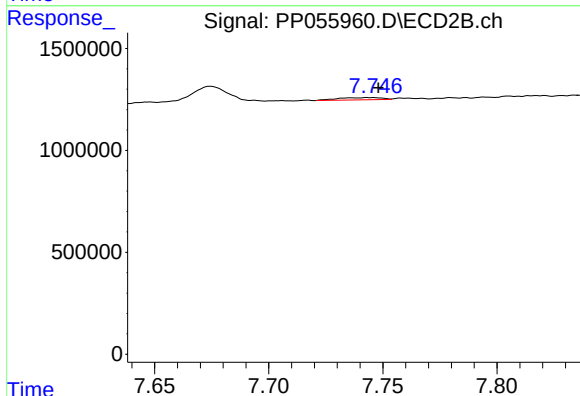
R.T.: 7.537 min
Delta R.T.: -0.006 min
Response: 1352053
Conc: 8.84 ng/ml



#43 AR-1268-3

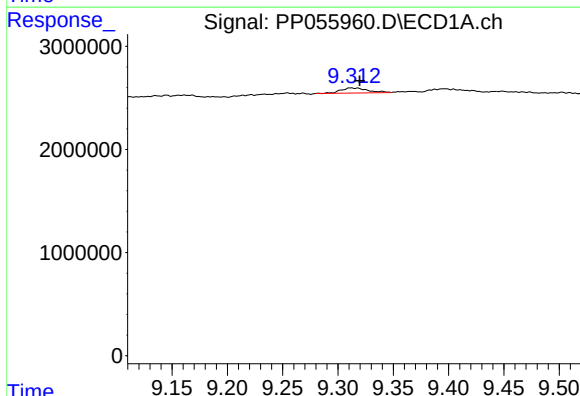
R.T.: 8.907 min
Delta R.T.: 0.012 min
Response: 473365
Conc: 2.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



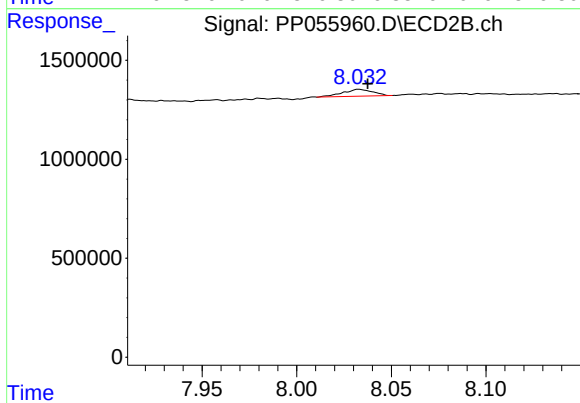
#43 AR-1268-3

R.T.: 7.745 min
Delta R.T.: -0.003 min
Response: 152794
Conc: 1.11 ng/ml



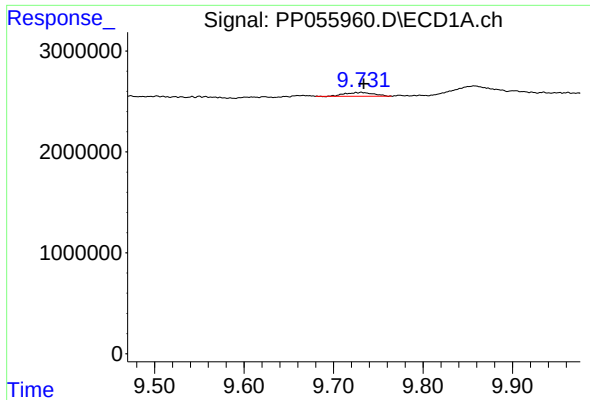
#44 AR-1268-4

R.T.: 9.312 min
Delta R.T.: -0.008 min
Response: 812512
Conc: 8.23 ng/ml



#44 AR-1268-4

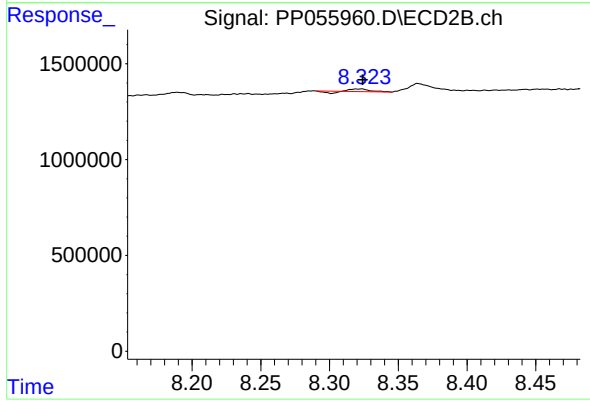
R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 373536
Conc: 6.79 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: -0.003 min
Response: 825619
Conc: 1.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 81944
Conc: 0.20 ng/ml