

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
 Data File : PP056413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 22:25
 Operator : YP\AJ
 Sample : 01854-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 05:06:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.319	3.560	40756415	31219554	26.248	22.125
2)	SA Decachlor...	10.065	8.559	45294122	28458196	22.803	25.458
Target Compounds							
3)	L1 AR-1016-1	5.489	4.641	22819098	14759901	394.161	350.341
4)	L1 AR-1016-2	5.512	4.659	28997804	18209452	338.491	300.441
5)	L1 AR-1016-3	5.574	4.835	27144726	13176547	497.680	407.099
6)	L1 AR-1016-4	5.673	4.878	20155924	14416712	464.190	513.683
7)	L1 AR-1016-5	5.969	5.090	38434373	26931132	838.285	752.745
8)	L2 AR-1221-1	4.526	3.767	217725	206211	10.869	11.857
9)	L2 AR-1221-2	4.627	3.858	941781	1040077	61.983	80.488 #
10)	L2 AR-1221-3	4.691	3.933	2054241	1767779	44.162	43.575
11)	L3 AR-1232-1	4.691	3.933	2054241	1767779	52.986	53.717
12)	L3 AR-1232-2	5.221	4.659	7290616	18209452	360.368	656.763 #
13)	L3 AR-1232-3	5.512	4.835	28997804	13176547	744.435	930.362
14)	L3 AR-1232-4	5.673	4.919	20155924	17799720	1030.708	1253.244
15)	L3 AR-1232-5	5.765	5.090	21384832	26931132	1350.054	1755.976 #
16)	L4 AR-1242-1	5.489	4.641	22819098	14759901	468.236	417.382
17)	L4 AR-1242-2	5.512	4.659	28997804	18209452	406.424	358.394
18)	L4 AR-1242-3	5.574	4.835	27144726	13176547	596.270	488.297
19)	L4 AR-1242-4	5.673	4.919	20155924	17799720	563.922	607.511
20)	L4 AR-1242-5	6.413	5.442	45323871	43236627	1060.203	1340.101 #
21)	L5 AR-1248-1	5.489	4.641	22819098	14759901	640.817	568.485
22)	L5 AR-1248-2	5.765	4.878	21384832	14416712	383.026	370.620
23)	L5 AR-1248-3	5.969	4.919	38434373	17799720	631.624	436.489 #
24)	L5 AR-1248-4	6.374	5.090	54185692	26931132	784.441	575.087 #
25)	L5 AR-1248-5	6.413	5.484	45323871	26808420	667.066	649.159
26)	L6 AR-1254-1	6.347	5.442	36363426	43236627	481.757	602.475 #
27)	L6 AR-1254-2	6.571	5.591	33440365	7801886	288.206	127.940 #
28)	L6 AR-1254-3	6.936	5.994	8933484	9271242	72.852	100.149 #
29)	L6 AR-1254-4	7.222	6.224	8877580	5540199	97.759	102.772
30)	L6 AR-1254-5	7.644	6.641	21835877	13303565	211.216	170.222
31)	L7 AR-1260-1	7.101	6.127	5691736	9512053	57.756	139.532 #
32)	L7 AR-1260-2	7.358	6.314	10278163	4322880	88.609	56.510 #
33)	L7 AR-1260-3	0.000	6.464	0	2766959	N.D.	38.265 #
34)	L7 AR-1260-4	7.930f	6.960f	3555974	5236894	35.968	87.329 #
35)	L7 AR-1260-5	8.260	0.000	2495492	0	12.487	N.D. #
36)	L8 AR-1262-1	0.000	6.711f	0	62185	N.D.	1.892 #
37)	L8 AR-1262-2	8.260	6.960f	2495492	5236894	11.434	73.464 #
38)	L8 AR-1262-3	8.582	7.468	1881983	1019533	12.318	18.723 #
39)	L8 AR-1262-4	8.668	7.518	104947	4216330	1.305	43.609 #
40)	L8 AR-1262-5	9.307	8.022	33611	591521	0.406	13.164 #
41)	L9 AR-1268-1	8.582f	7.468	1881983	1019533	6.829	6.042

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 ALS Vial : 25 Sample Multiplier: 1

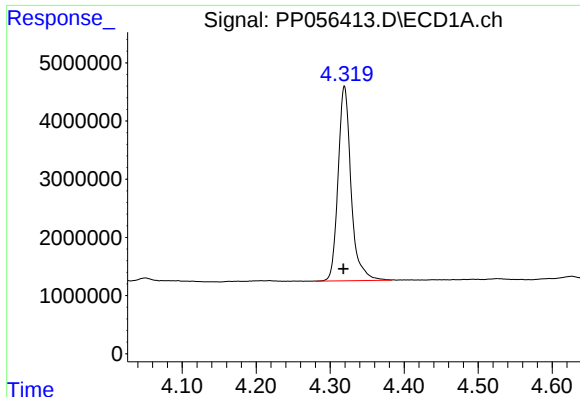
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 05:06:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
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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	8.668	7.518	104947	4216330	0.407	28.195 #
43) L9	AR-1268-3	8.895	7.713f	135312	22578	0.590	0.166 #
44) L9	AR-1268-4	9.307	8.022	33611	591521	0.360	11.591 #
45) L9	AR-1268-5	9.721	8.308	663025	151213	0.914	0.389 #

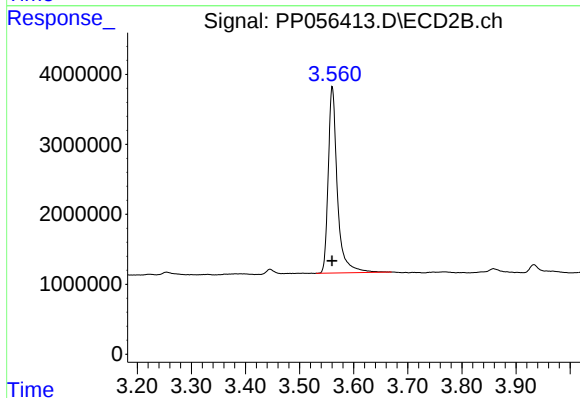
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

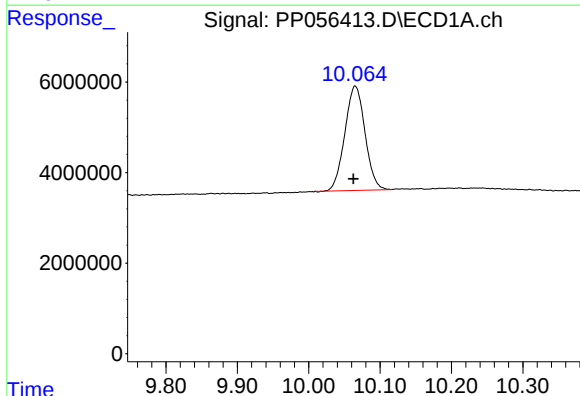
R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 40756415
Conc: 26.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



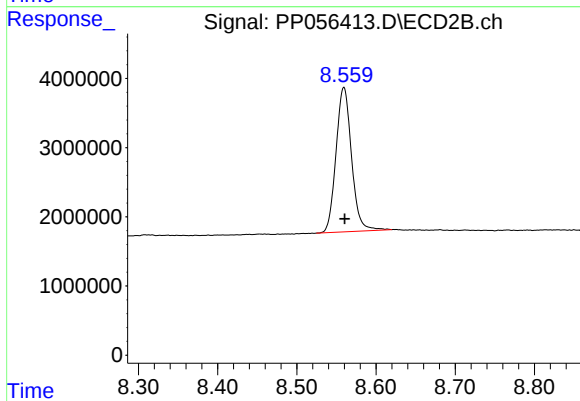
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: 0.000 min
Response: 31219554
Conc: 22.12 ng/ml



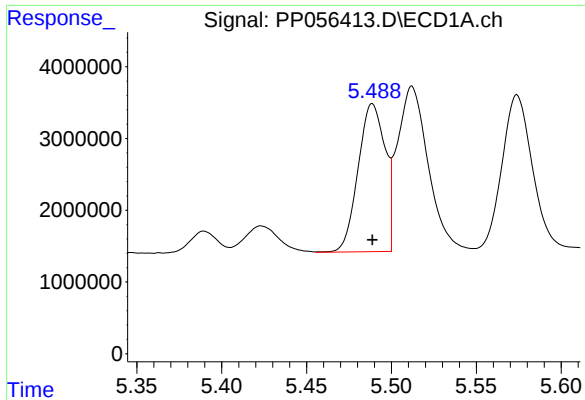
#2 Decachlorobiphenyl

R.T.: 10.065 min
Delta R.T.: 0.003 min
Response: 45294122
Conc: 22.80 ng/ml



#2 Decachlorobiphenyl

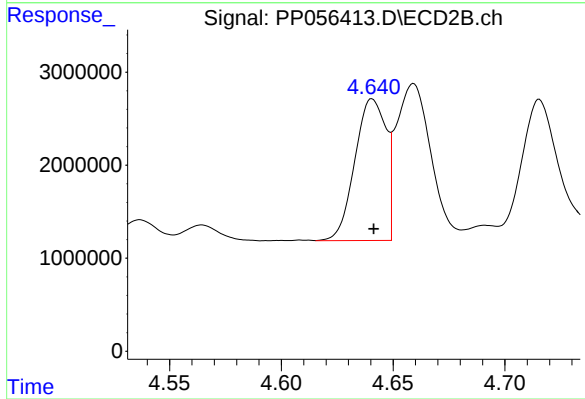
R.T.: 8.559 min
Delta R.T.: -0.001 min
Response: 28458196
Conc: 25.46 ng/ml



#3 AR-1016-1

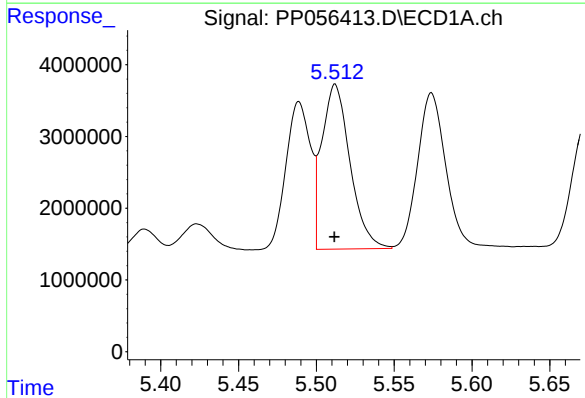
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 22819098
Conc: 394.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



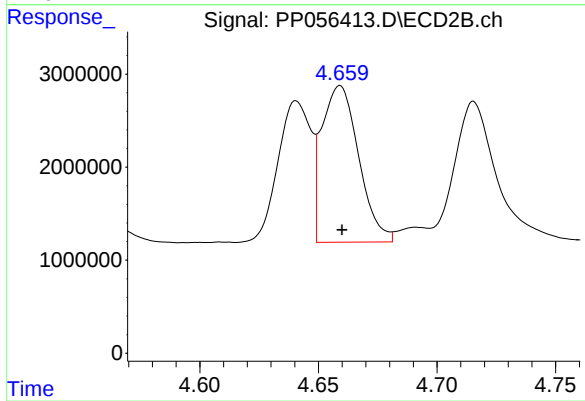
#3 AR-1016-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 14759901
Conc: 350.34 ng/ml



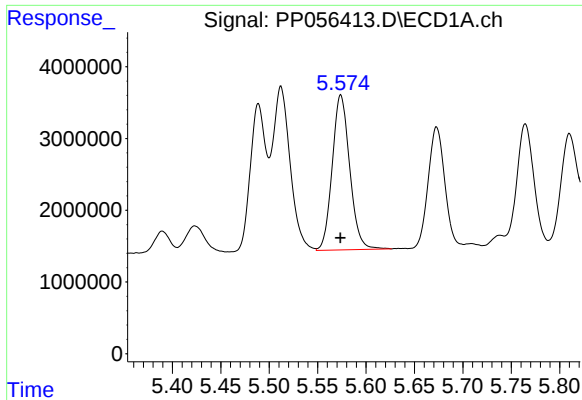
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 28997804
Conc: 338.49 ng/ml



#4 AR-1016-2

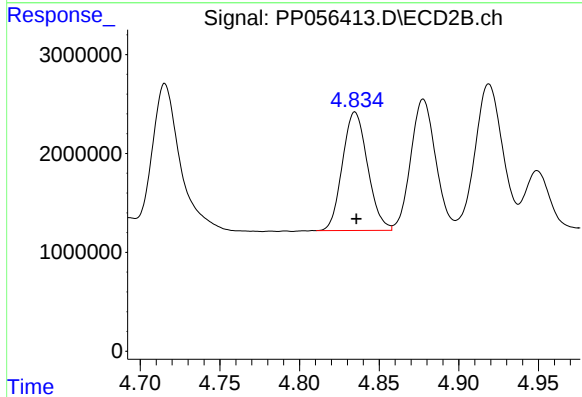
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 18209452
Conc: 300.44 ng/ml



#5 AR-1016-3

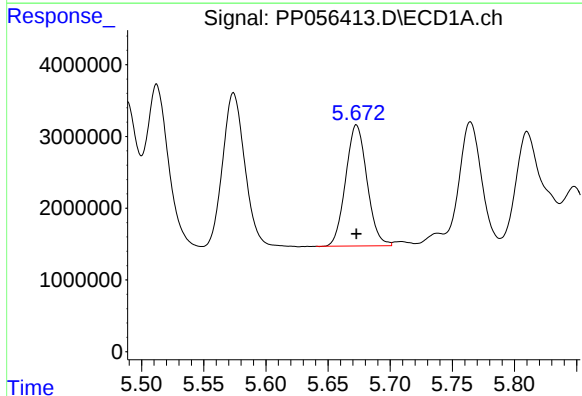
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 27144726
Conc: 497.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



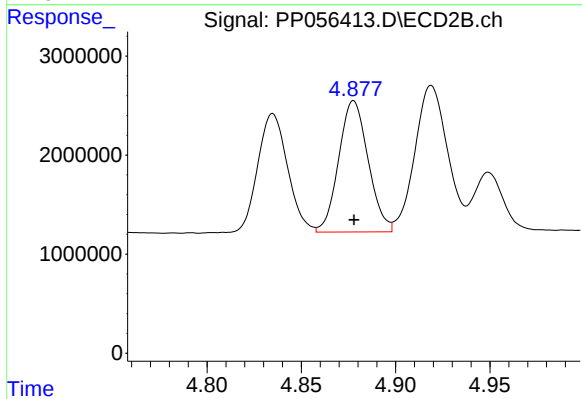
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 13176547
Conc: 407.10 ng/ml



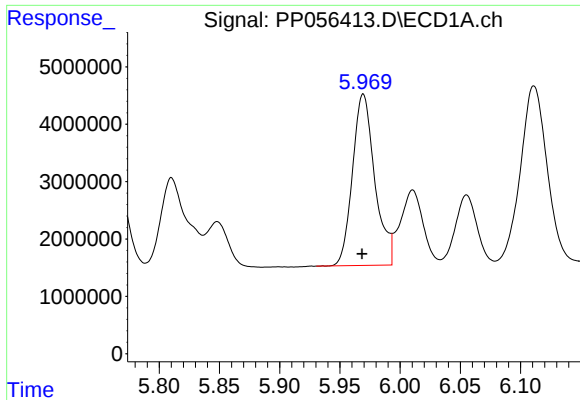
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 20155924
Conc: 464.19 ng/ml



#6 AR-1016-4

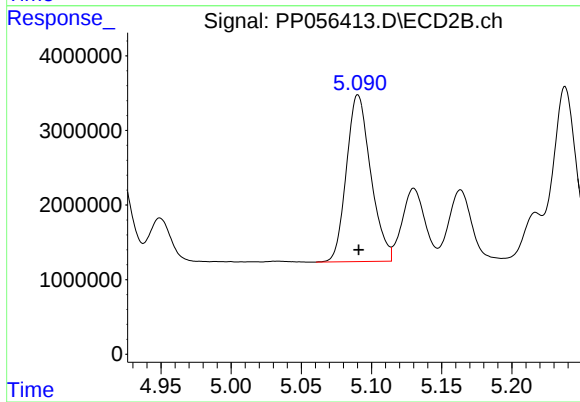
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 14416712
Conc: 513.68 ng/ml



#7 AR-1016-5

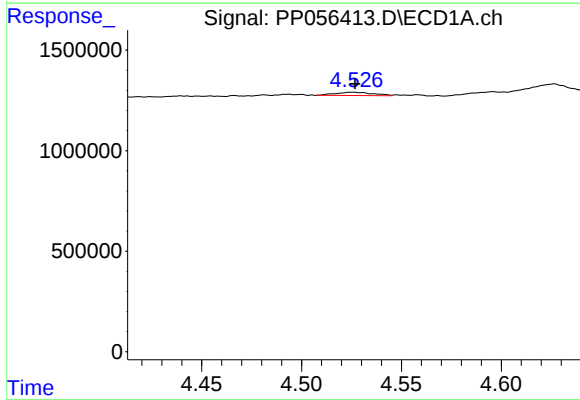
R.T.: 5.969 min
Delta R.T.: 0.001 min
Response: 38434373
Conc: 838.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



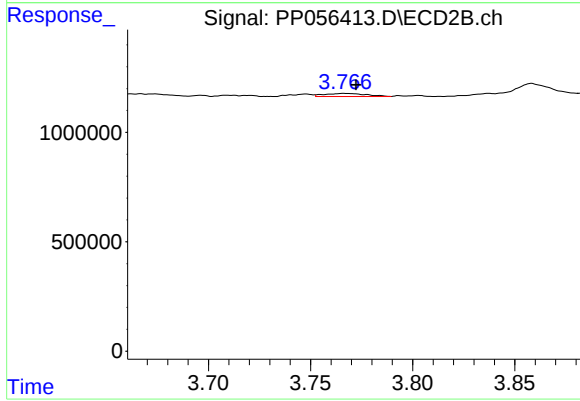
#7 AR-1016-5

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 26931132
Conc: 752.74 ng/ml



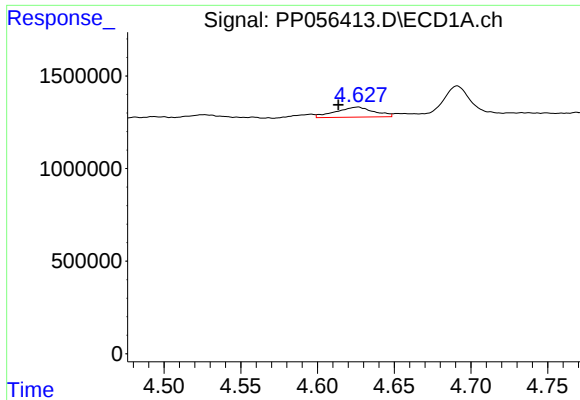
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 217725
Conc: 10.87 ng/ml



#8 AR-1221-1

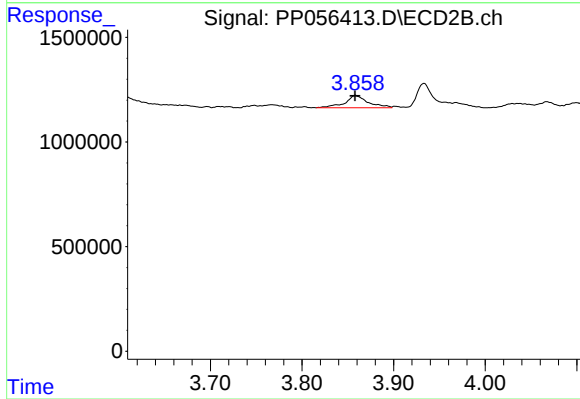
R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 206211
Conc: 11.86 ng/ml



#9 AR-1221-2

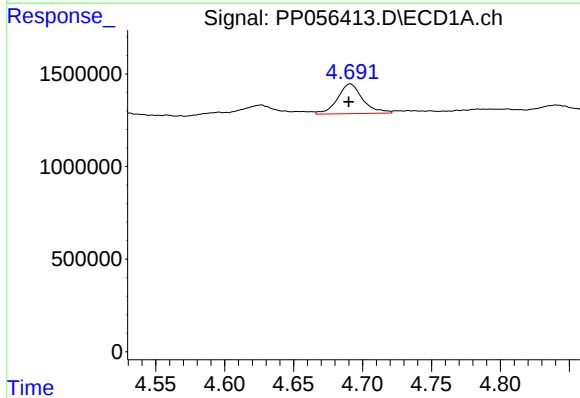
R.T.: 4.627 min
Delta R.T.: 0.013 min
Response: 941781
Conc: 61.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



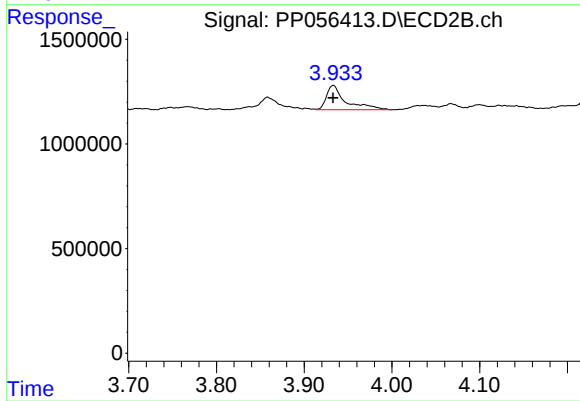
#9 AR-1221-2

R.T.: 3.858 min
Delta R.T.: 0.000 min
Response: 1040077
Conc: 80.49 ng/ml



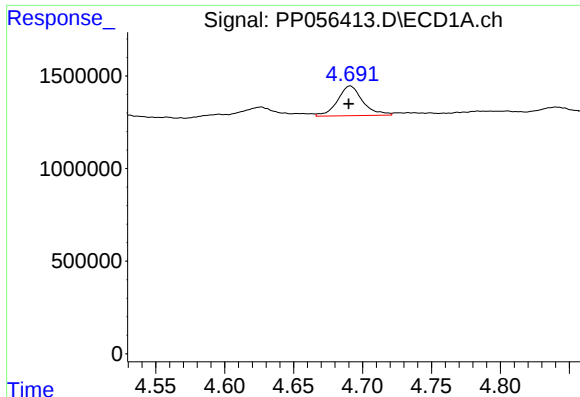
#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 2054241
Conc: 44.16 ng/ml



#10 AR-1221-3

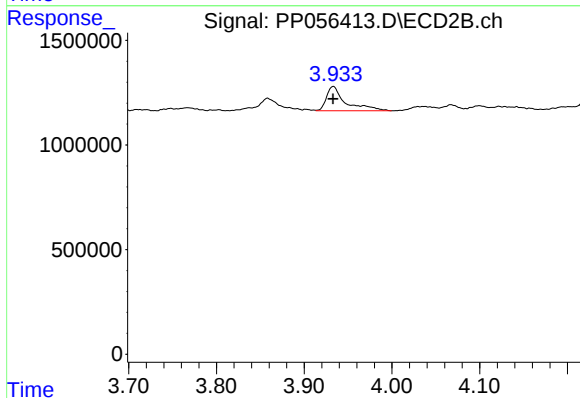
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 1767779
Conc: 43.58 ng/ml



#11 AR-1232-1

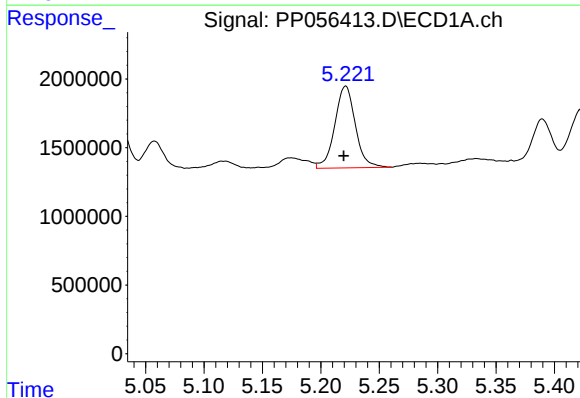
R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 2054241
Conc: 52.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



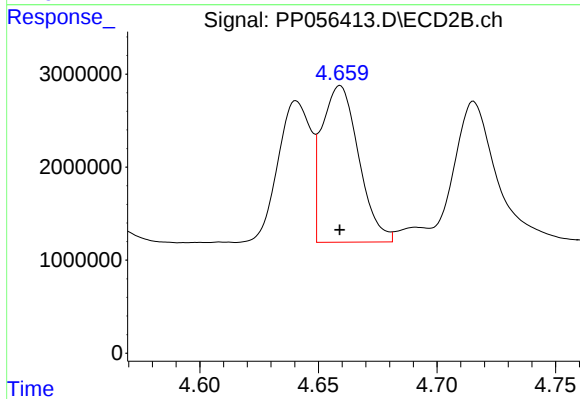
#11 AR-1232-1

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 1767779
Conc: 53.72 ng/ml



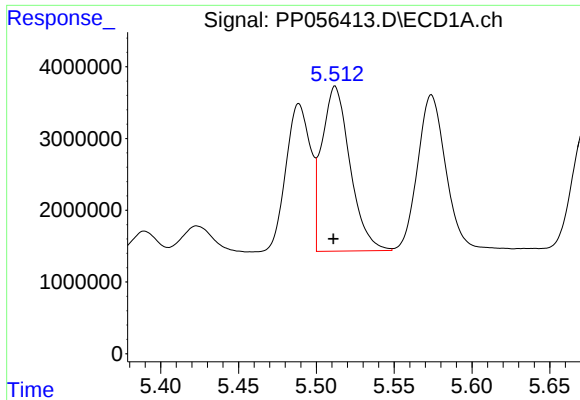
#12 AR-1232-2

R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 7290616
Conc: 360.37 ng/ml



#12 AR-1232-2

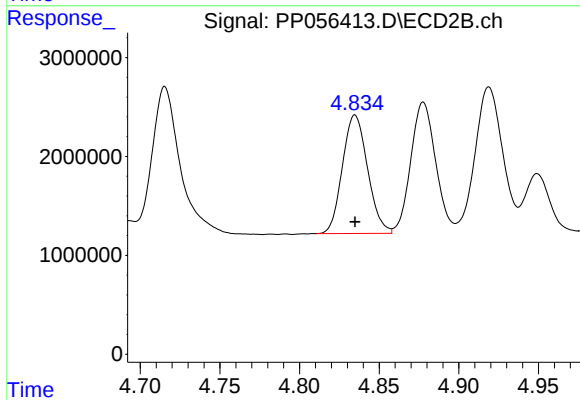
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 18209452
Conc: 656.76 ng/ml



#13 AR-1232-3

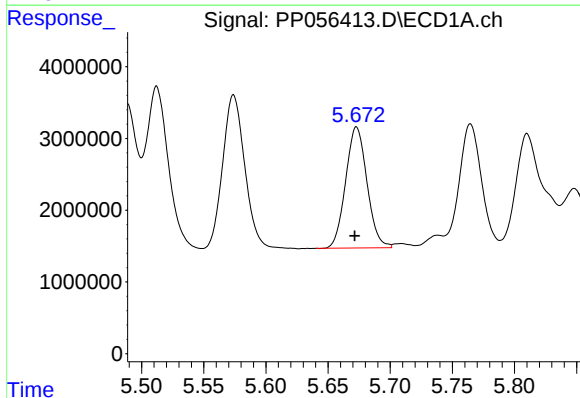
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 28997804
Conc: 744.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



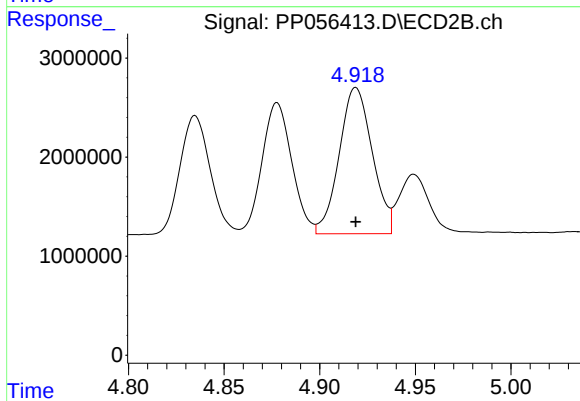
#13 AR-1232-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 13176547
Conc: 930.36 ng/ml



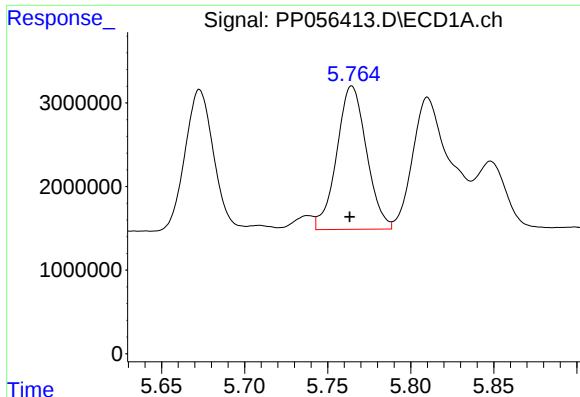
#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: 0.001 min
Response: 20155924
Conc: 1030.71 ng/ml



#14 AR-1232-4

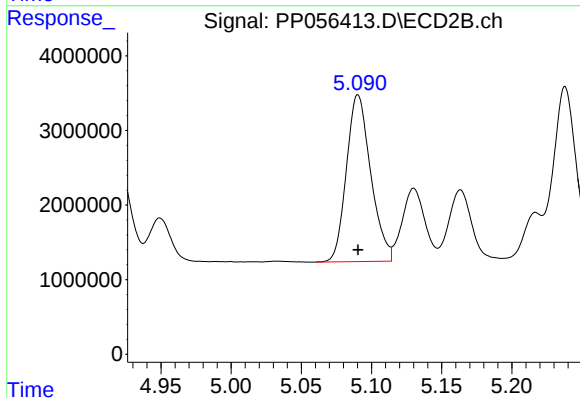
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 17799720
Conc: 1253.24 ng/ml



#15 AR-1232-5

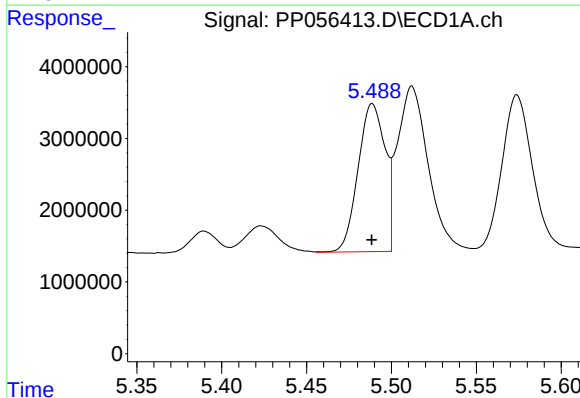
R.T.: 5.765 min
Delta R.T.: 0.001 min
Response: 21384832
Conc: 1350.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



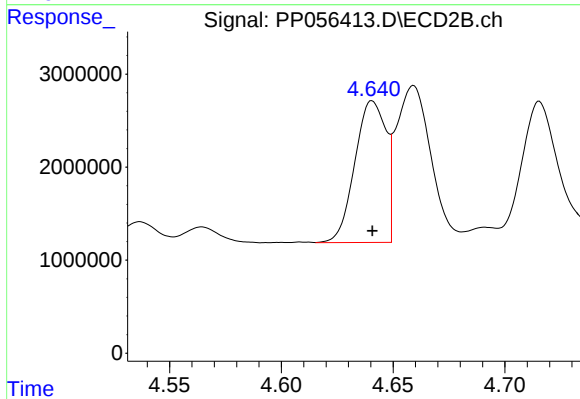
#15 AR-1232-5

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 26931132
Conc: 1755.98 ng/ml



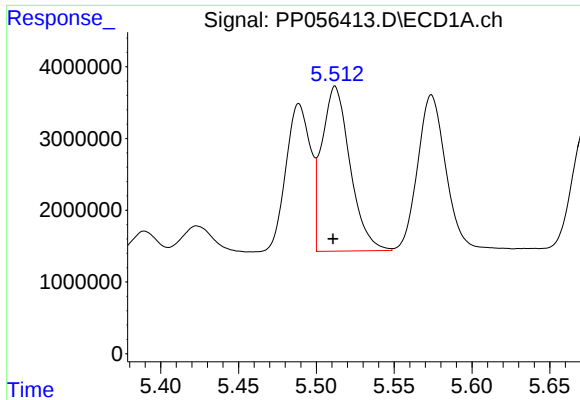
#16 AR-1242-1

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 22819098
Conc: 468.24 ng/ml



#16 AR-1242-1

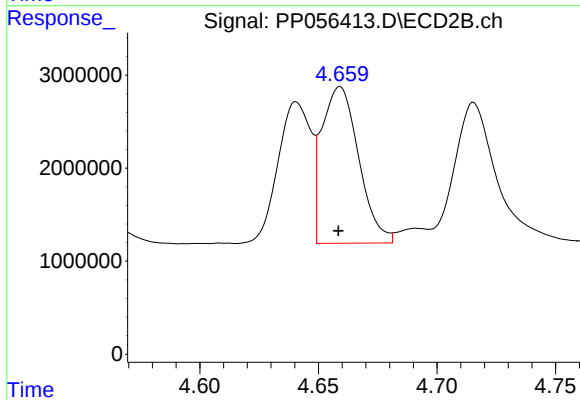
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 14759901
Conc: 417.38 ng/ml



#17 AR-1242-2

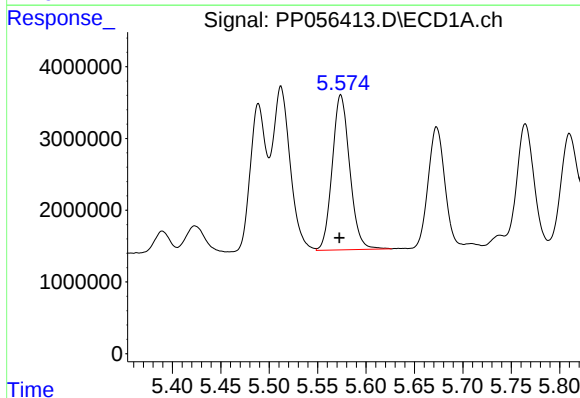
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 28997804
Conc: 406.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



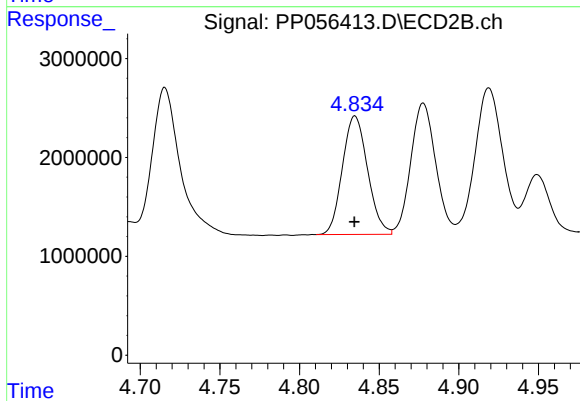
#17 AR-1242-2

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 18209452
Conc: 358.39 ng/ml



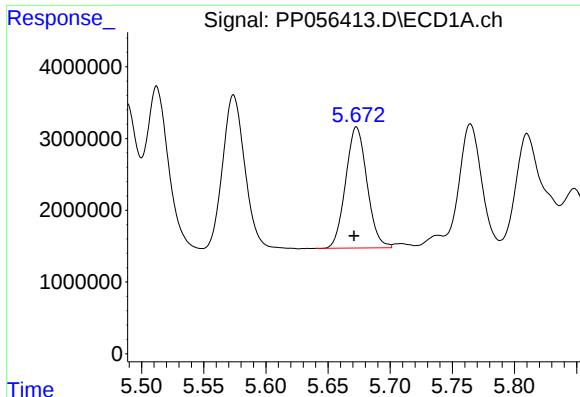
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: 0.001 min
Response: 27144726
Conc: 596.27 ng/ml



#18 AR-1242-3

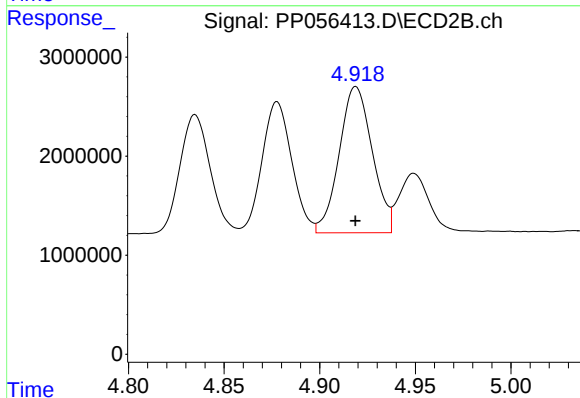
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 13176547
Conc: 488.30 ng/ml



#19 AR-1242-4

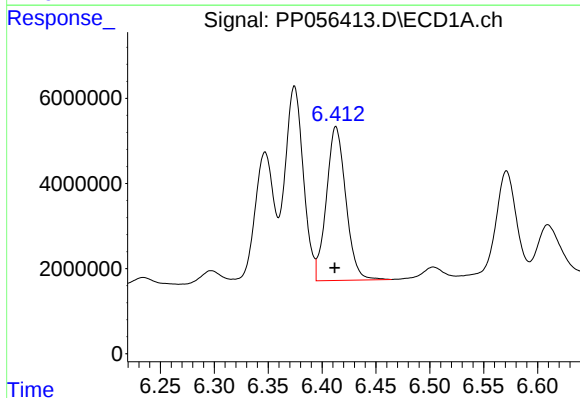
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 20155924
Conc: 563.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



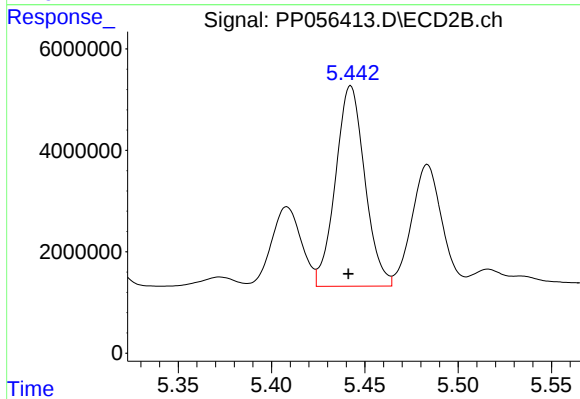
#19 AR-1242-4

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 17799720
Conc: 607.51 ng/ml



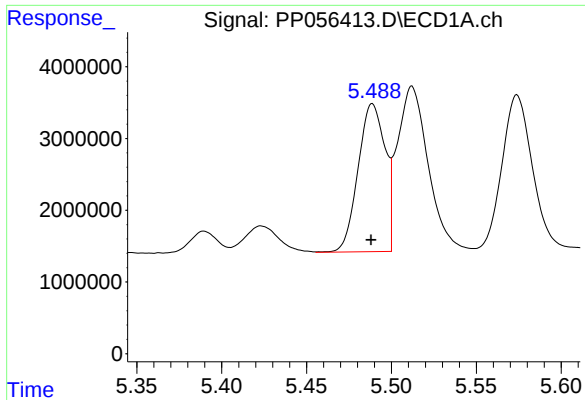
#20 AR-1242-5

R.T.: 6.413 min
Delta R.T.: 0.001 min
Response: 45323871
Conc: 1060.20 ng/ml



#20 AR-1242-5

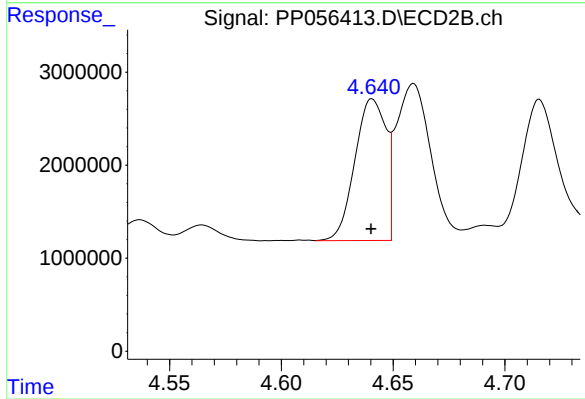
R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 43236627
Conc: 1340.10 ng/ml



#21 AR-1248-1

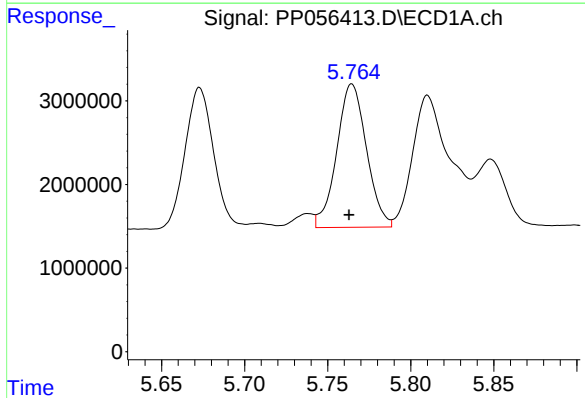
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 22819098
Conc: 640.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



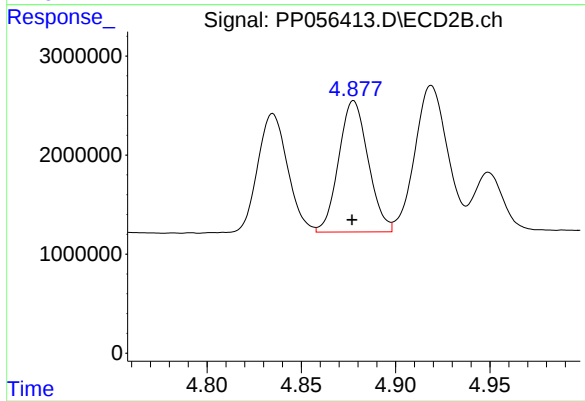
#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 14759901
Conc: 568.49 ng/ml



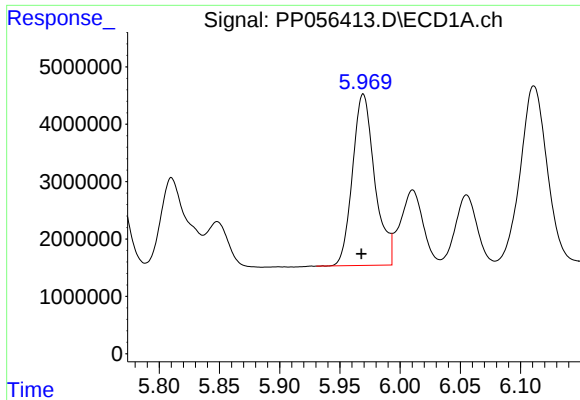
#22 AR-1248-2

R.T.: 5.765 min
Delta R.T.: 0.002 min
Response: 21384832
Conc: 383.03 ng/ml



#22 AR-1248-2

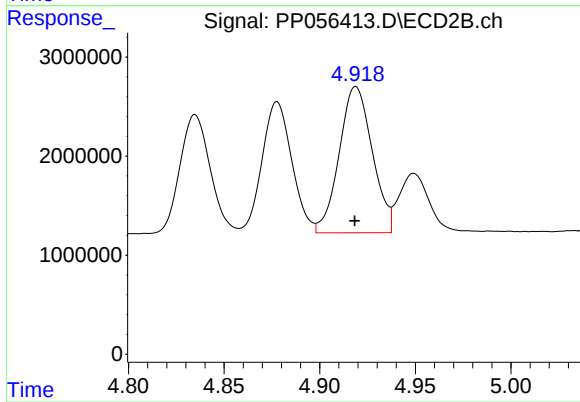
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 14416712
Conc: 370.62 ng/ml



#23 AR-1248-3

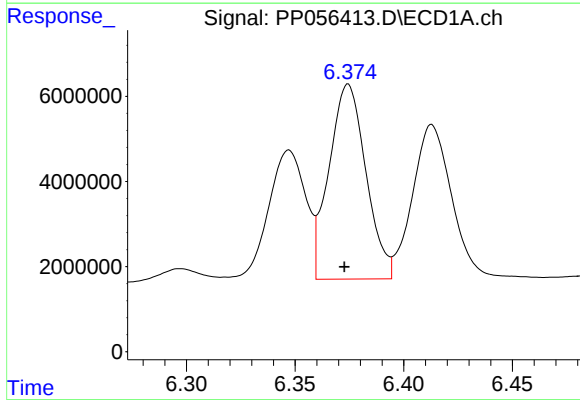
R.T.: 5.969 min
Delta R.T.: 0.002 min
Response: 38434373
Conc: 631.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



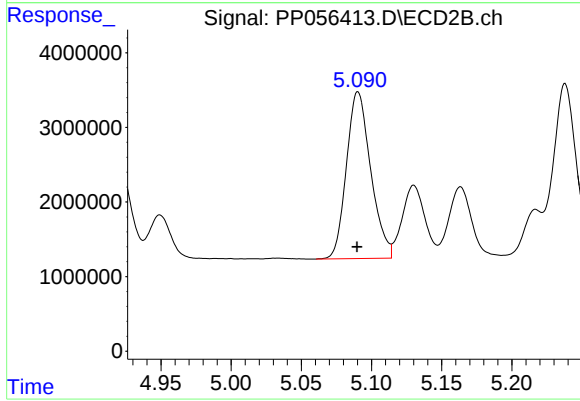
#23 AR-1248-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 17799720
Conc: 436.49 ng/ml



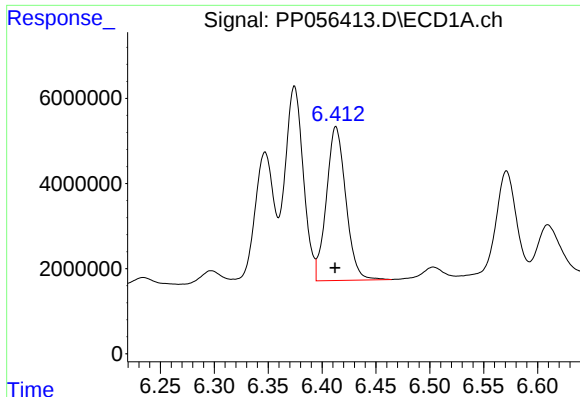
#24 AR-1248-4

R.T.: 6.374 min
Delta R.T.: 0.002 min
Response: 54185692
Conc: 784.44 ng/ml



#24 AR-1248-4

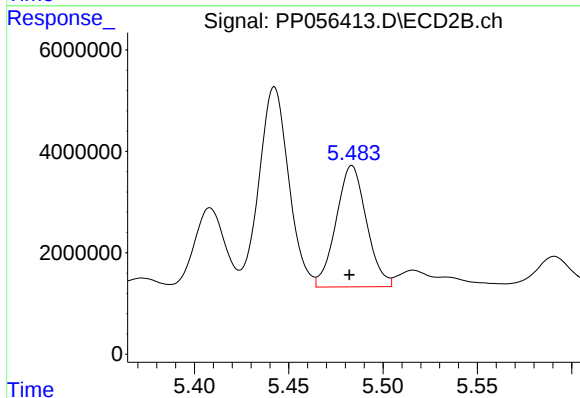
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 26931132
Conc: 575.09 ng/ml



#25 AR-1248-5

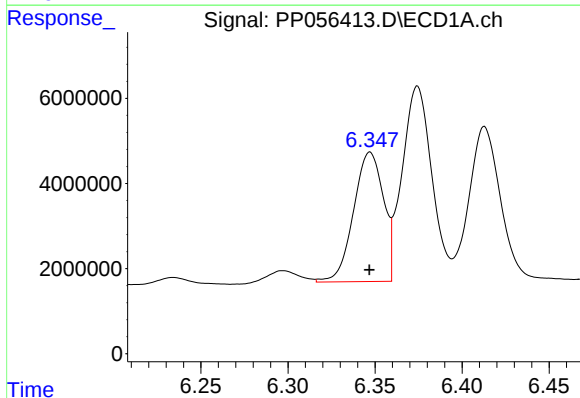
R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 45323871
Conc: 667.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



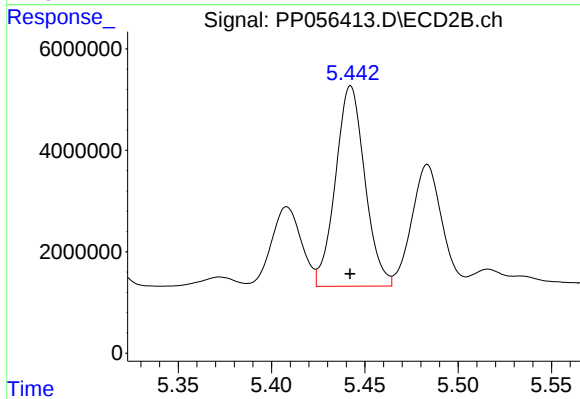
#25 AR-1248-5

R.T.: 5.484 min
Delta R.T.: 0.001 min
Response: 26808420
Conc: 649.16 ng/ml



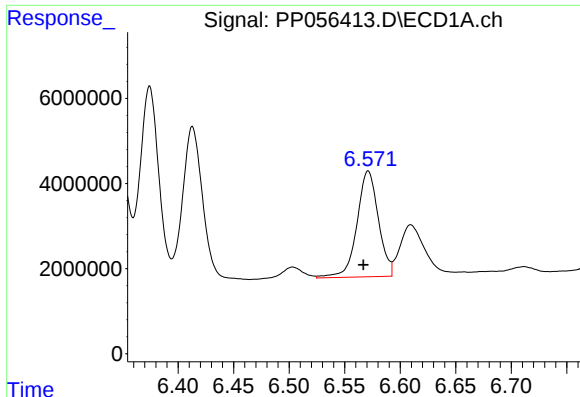
#26 AR-1254-1

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 36363426
Conc: 481.76 ng/ml



#26 AR-1254-1

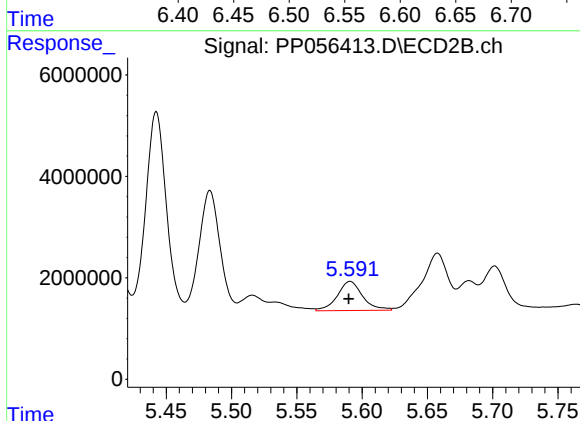
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 43236627
Conc: 602.48 ng/ml



#27 AR-1254-2

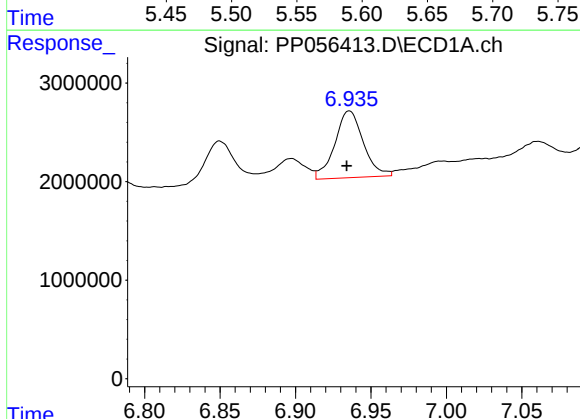
R.T.: 6.571 min
Delta R.T.: 0.004 min
Response: 33440365
Conc: 288.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



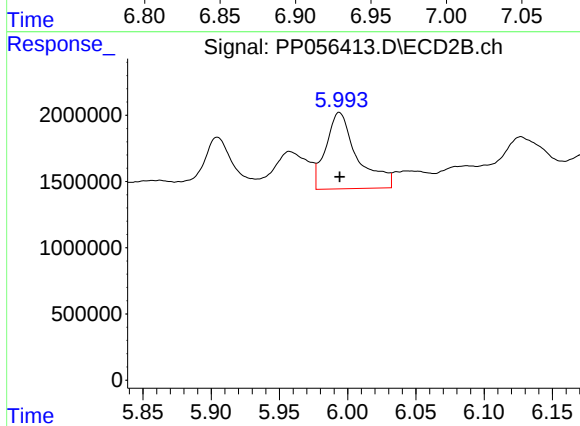
#27 AR-1254-2

R.T.: 5.591 min
Delta R.T.: 0.001 min
Response: 7801886
Conc: 127.94 ng/ml



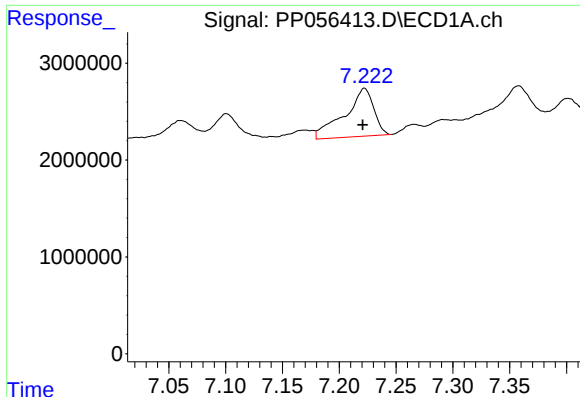
#28 AR-1254-3

R.T.: 6.936 min
Delta R.T.: 0.002 min
Response: 8933484
Conc: 72.85 ng/ml



#28 AR-1254-3

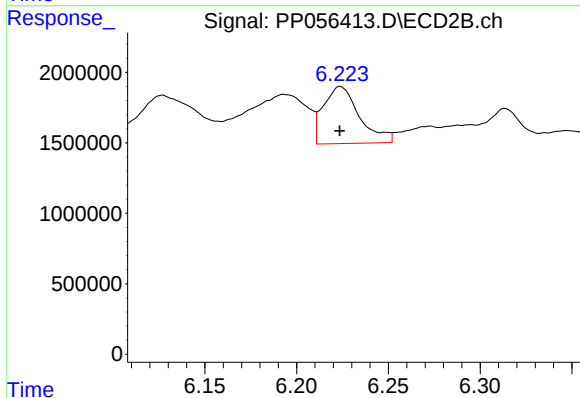
R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 9271242
Conc: 100.15 ng/ml



#29 AR-1254-4

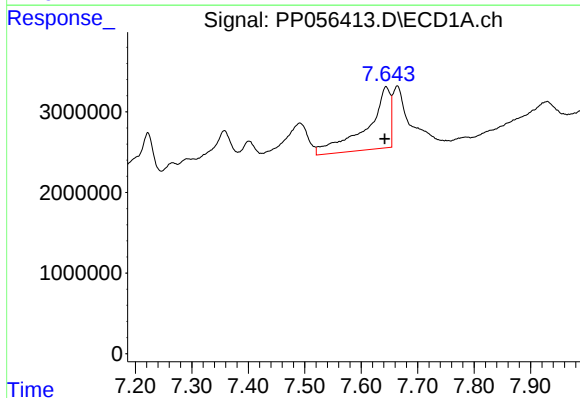
R.T.: 7.222 min
Delta R.T.: 0.001 min
Response: 8877580
Conc: 97.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



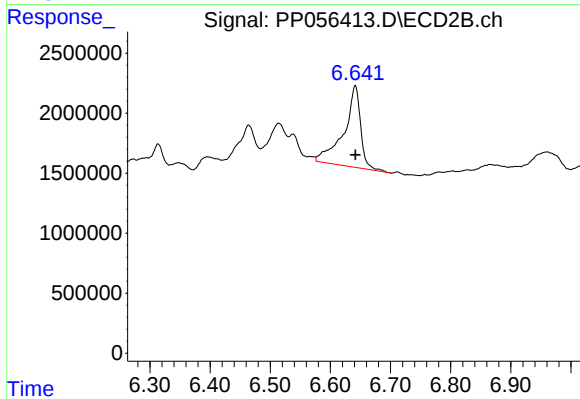
#29 AR-1254-4

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 5540199
Conc: 102.77 ng/ml



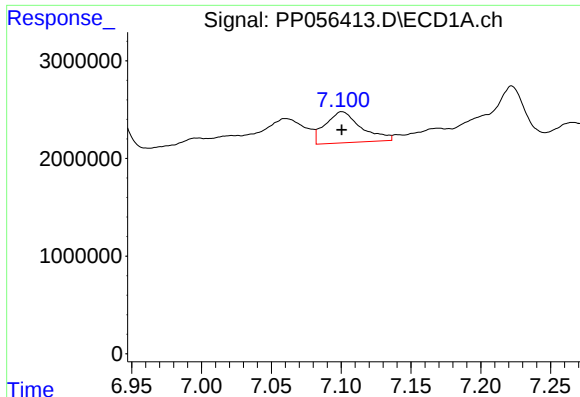
#30 AR-1254-5

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 21835877
Conc: 211.22 ng/ml



#30 AR-1254-5

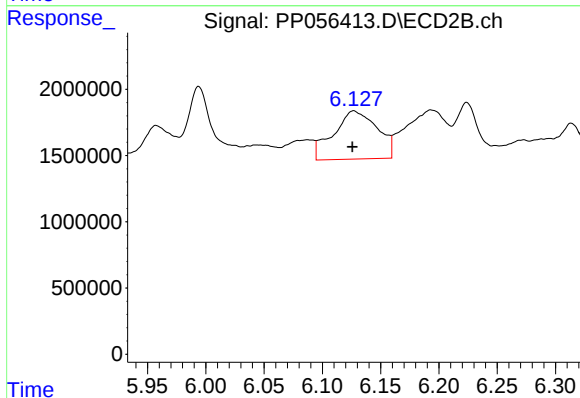
R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 13303565
Conc: 170.22 ng/ml



#31 AR-1260-1

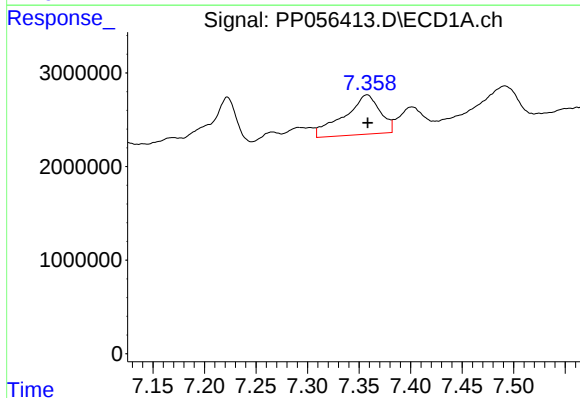
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 5691736
Conc: 57.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



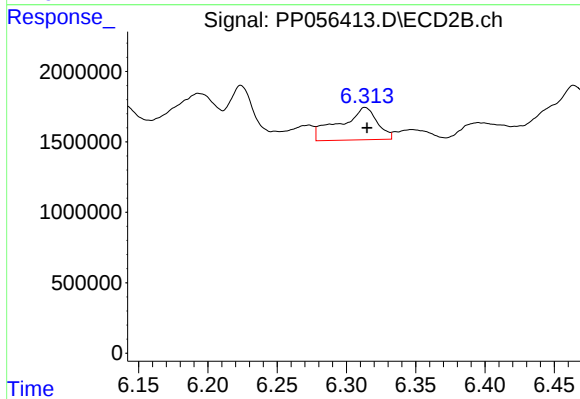
#31 AR-1260-1

R.T.: 6.127 min
Delta R.T.: 0.001 min
Response: 9512053
Conc: 139.53 ng/ml



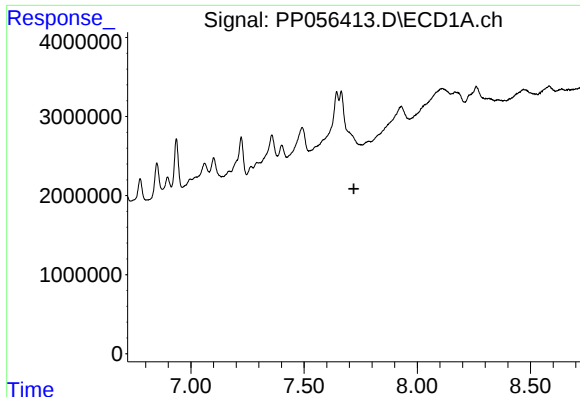
#32 AR-1260-2

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 10278163
Conc: 88.61 ng/ml



#32 AR-1260-2

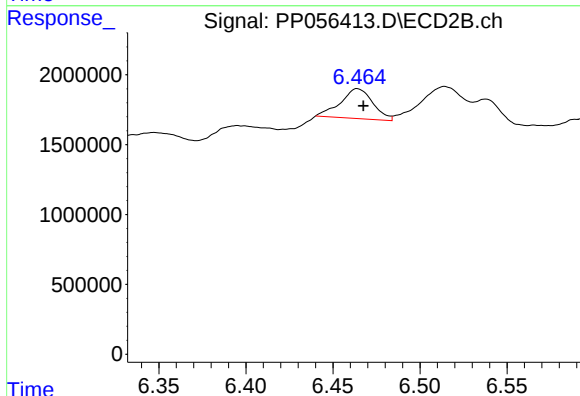
R.T.: 6.314 min
Delta R.T.: -0.001 min
Response: 4322880
Conc: 56.51 ng/ml



#33 AR-1260-3

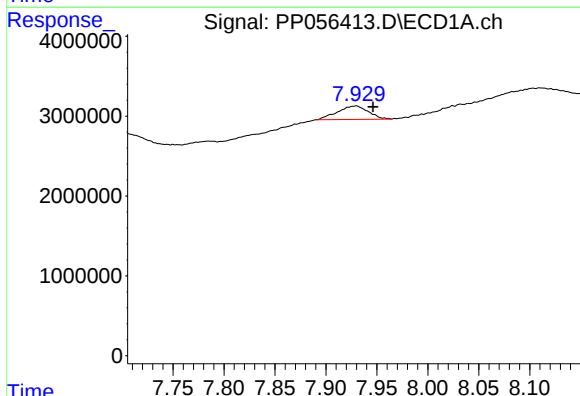
R.T.: 0.000 min
Exp R.T.: 7.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



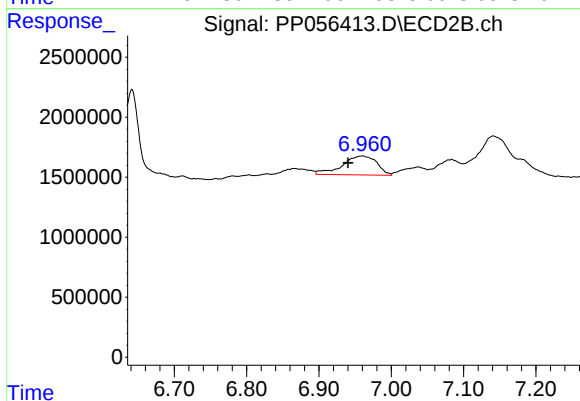
#33 AR-1260-3

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 2766959
Conc: 38.27 ng/ml



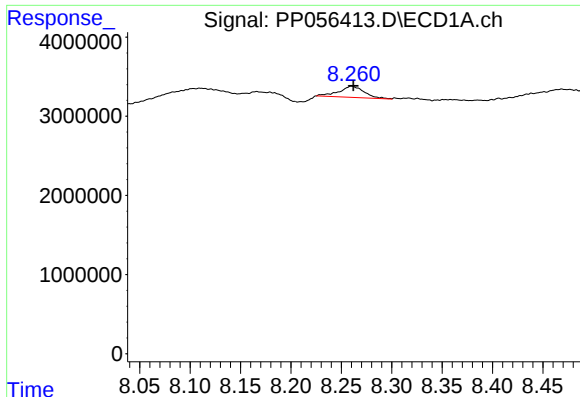
#34 AR-1260-4

R.T.: 7.930 min
Delta R.T.: -0.017 min
Response: 3555974
Conc: 35.97 ng/ml



#34 AR-1260-4

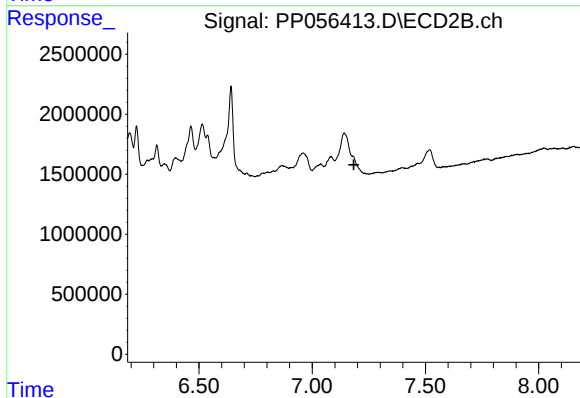
R.T.: 6.960 min
Delta R.T.: 0.020 min
Response: 5236894
Conc: 87.33 ng/ml



#35 AR-1260-5

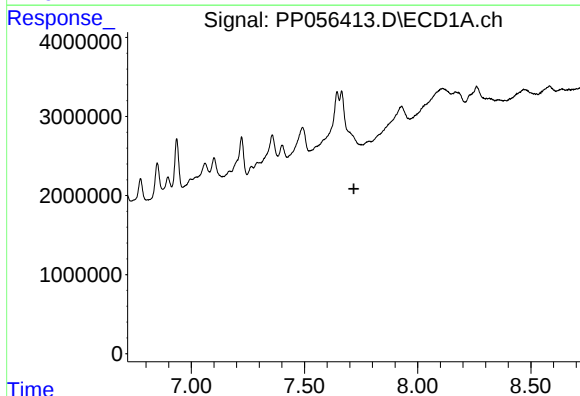
R.T.: 8.260 min
Delta R.T.: -0.002 min
Response: 2495492
Conc: 12.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



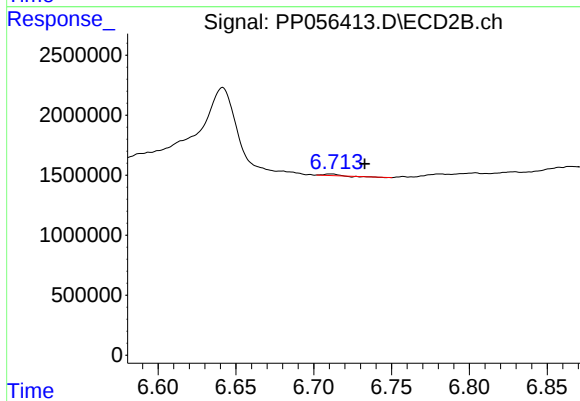
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.184 min
Response: 0
Conc: N.D.



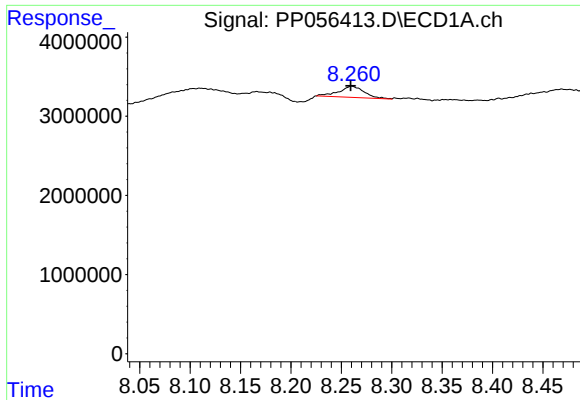
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.718 min
Response: 0
Conc: N.D.



#36 AR-1262-1

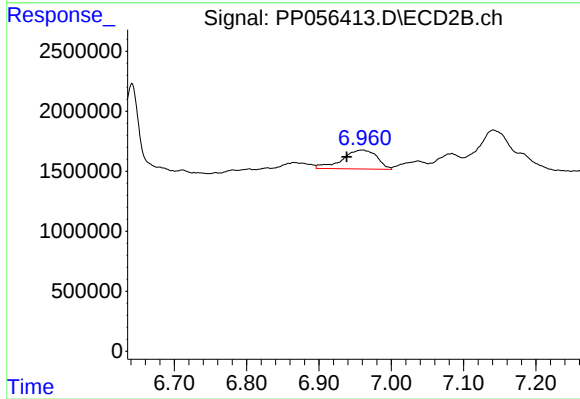
R.T.: 6.711 min
Delta R.T.: -0.022 min
Response: 62185
Conc: 1.89 ng/ml



#37 AR-1262-2

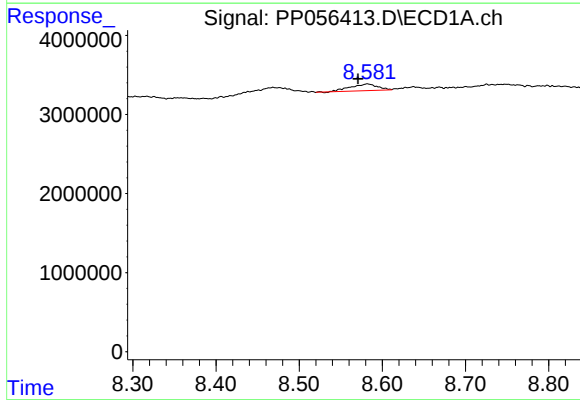
R.T.: 8.260 min
Delta R.T.: 0.000 min
Response: 2495492
Conc: 11.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



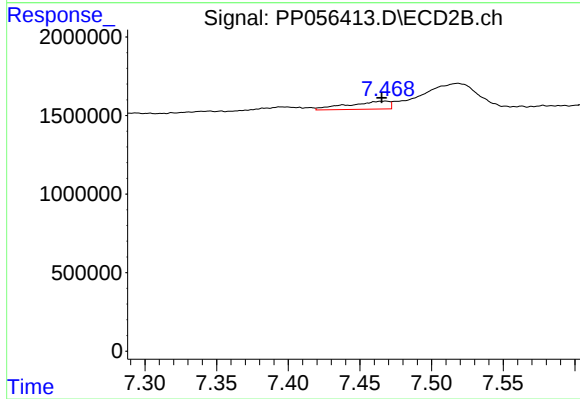
#37 AR-1262-2

R.T.: 6.960 min
Delta R.T.: 0.022 min
Response: 5236894
Conc: 73.46 ng/ml



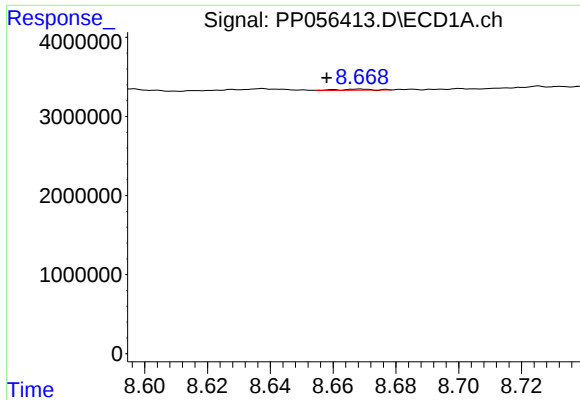
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.011 min
Response: 1881983
Conc: 12.32 ng/ml



#38 AR-1262-3

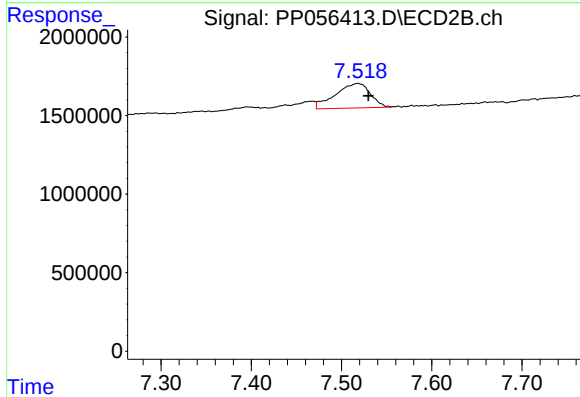
R.T.: 7.468 min
Delta R.T.: 0.003 min
Response: 1019533
Conc: 18.72 ng/ml



#39 AR-1262-4

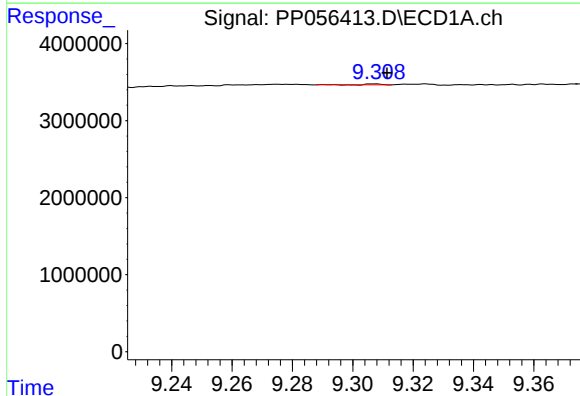
R.T.: 8.668 min
Delta R.T.: 0.011 min
Response: 104947
Conc: 1.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



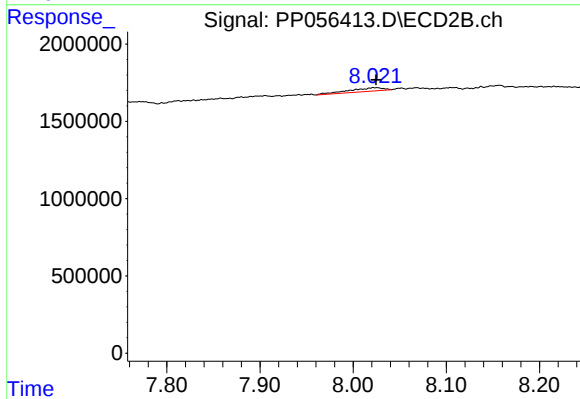
#39 AR-1262-4

R.T.: 7.518 min
Delta R.T.: -0.012 min
Response: 4216330
Conc: 43.61 ng/ml



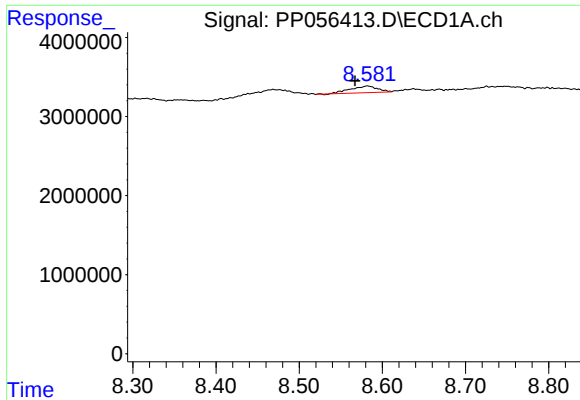
#40 AR-1262-5

R.T.: 9.307 min
Delta R.T.: -0.004 min
Response: 33611
Conc: 0.41 ng/ml



#40 AR-1262-5

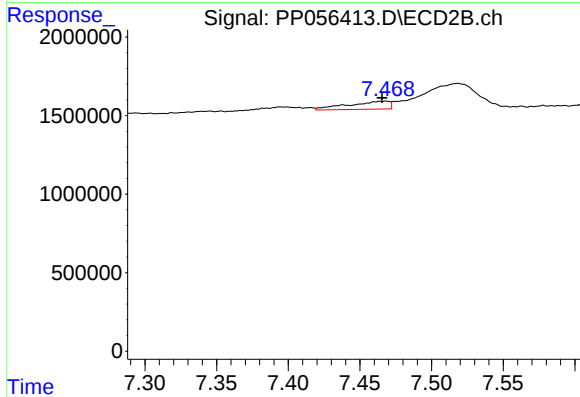
R.T.: 8.022 min
Delta R.T.: -0.003 min
Response: 591521
Conc: 13.16 ng/ml



#41 AR-1268-1

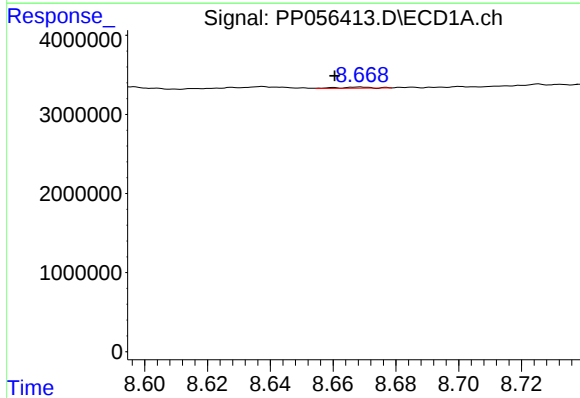
R.T.: 8.582 min
Delta R.T.: 0.015 min
Response: 1881983
Conc: 6.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



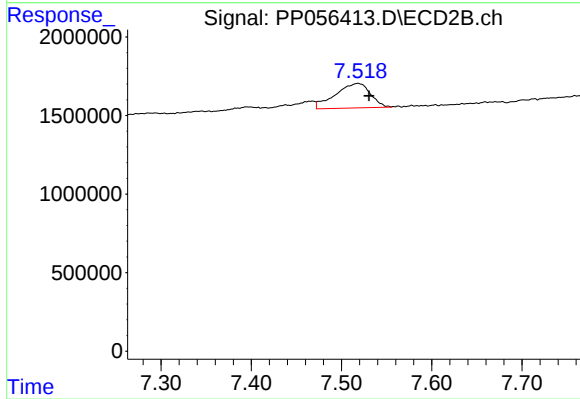
#41 AR-1268-1

R.T.: 7.468 min
Delta R.T.: 0.002 min
Response: 1019533
Conc: 6.04 ng/ml



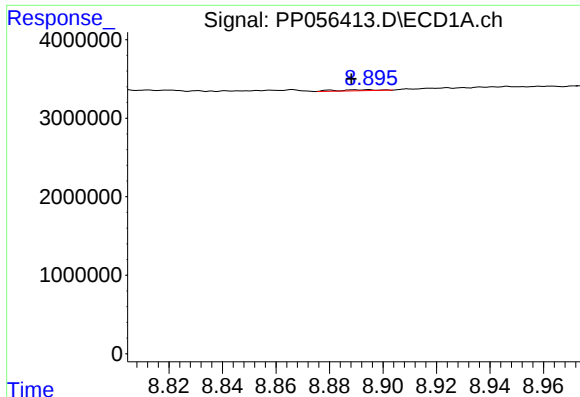
#42 AR-1268-2

R.T.: 8.668 min
Delta R.T.: 0.008 min
Response: 104947
Conc: 0.41 ng/ml



#42 AR-1268-2

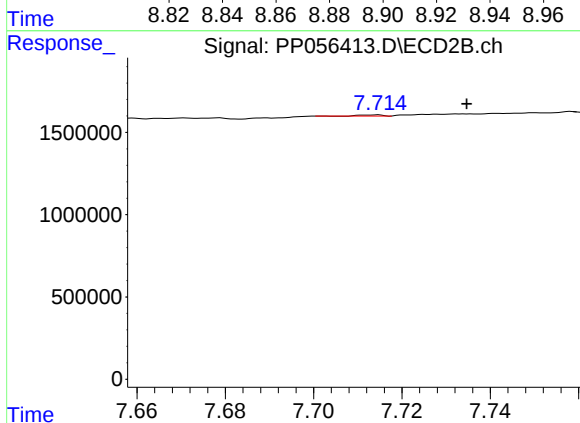
R.T.: 7.518 min
Delta R.T.: -0.013 min
Response: 4216330
Conc: 28.19 ng/ml



#43 AR-1268-3

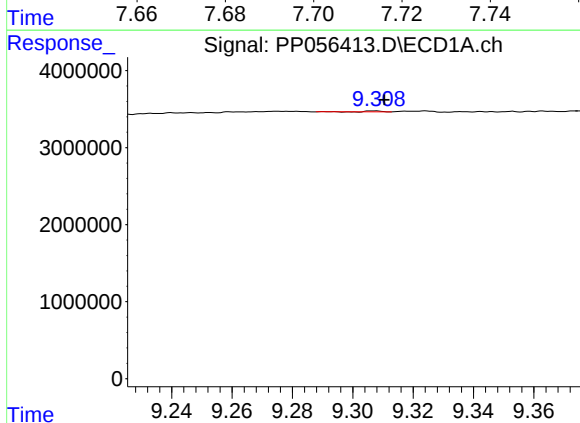
R.T.: 8.895 min
Delta R.T.: 0.006 min
Response: 135312
Conc: 0.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



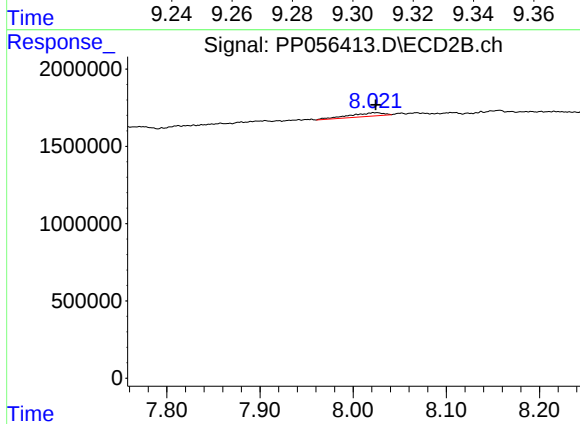
#43 AR-1268-3

R.T.: 7.713 min
Delta R.T.: -0.021 min
Response: 22578
Conc: 0.17 ng/ml



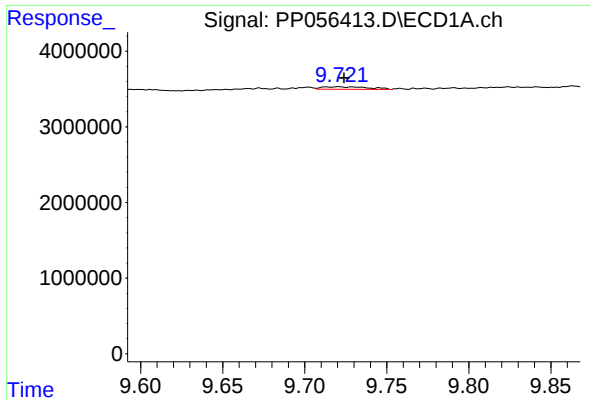
#44 AR-1268-4

R.T.: 9.307 min
Delta R.T.: -0.003 min
Response: 33611
Conc: 0.36 ng/ml



#44 AR-1268-4

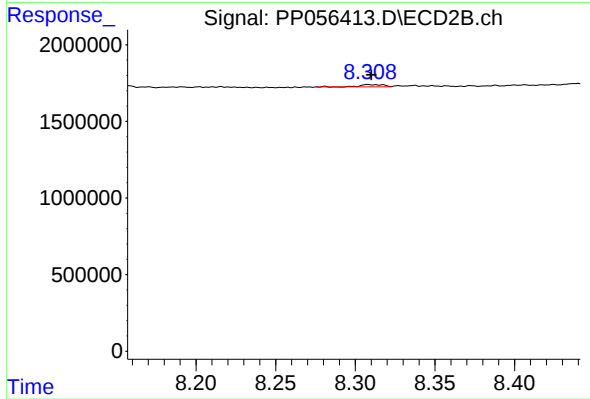
R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 591521
Conc: 11.59 ng/ml



#45 AR-1268-5

R.T.: 9.721 min
Delta R.T.: -0.003 min
Response: 663025
Conc: 0.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.308 min
Delta R.T.: -0.002 min
Response: 151213
Conc: 0.39 ng/ml