

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
 Data File : PP054333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 17:27
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:48:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.338	3.587	108.3E6	80765759	53.475	50.072
2)	SA Decachlor...	10.101	8.611	67778567	72122441	47.193	51.127
Target Compounds							
3)	L1 AR-1016-1	5.509	4.673	1079265	568240	14.605	10.921 #
4)	L1 AR-1016-2	5.537	4.692	1508784	444663	14.138	6.208 #
5)	L1 AR-1016-3	5.594	4.870	780405	275541	11.407	7.024 #
6)	L1 AR-1016-4	5.692	4.911	604383	16019854	11.608	465.506 #
7)	L1 AR-1016-5	5.988	5.124	9416846	9181647	207.984	208.829
8)	L2 AR-1221-1	4.544	0.000	249598	0	10.381	N.D. #
9)	L2 AR-1221-2	4.644	3.886	1558334	1215622	87.957	82.444
10)	L2 AR-1221-3	4.709	3.962	433880	256383	8.050	5.772 #
11)	L3 AR-1232-1	4.709	3.962	433880	256383	9.646	6.889 #
12)	L3 AR-1232-2	5.240	4.692	697386	444663	26.726	8.297 #
13)	L3 AR-1232-3	5.537	4.870	1508784	275541	32.800	16.596 #
14)	L3 AR-1232-4	5.692	4.952	604383	4815303	26.991	287.048 #
15)	L3 AR-1232-5	5.784	5.124	18998894	9181647	1067.591	508.541 #
16)	L4 AR-1242-1	5.509	4.673	1079265	568240	18.176	13.460 #
17)	L4 AR-1242-2	5.537	4.692	1508784	444663	17.648	7.638 #
18)	L4 AR-1242-3	5.594	4.870	780405	275541	14.283	8.616 #
19)	L4 AR-1242-4	5.692	4.952	604383	4815303	14.421	138.036 #
20)	L4 AR-1242-5	6.436	5.478	8580446	37484500	261.404	996.287 #
21)	L5 AR-1248-1	5.509	4.673	1079265	568240	24.039	17.469 #
22)	L5 AR-1248-2	5.784	4.911	18998894	16019854	299.017	324.393
23)	L5 AR-1248-3	5.988	4.952	9416846	4815303	158.867	93.310 #
24)	L5 AR-1248-4	6.394	5.124	12954715	9181647	223.635	155.579 #
25)	L5 AR-1248-5	6.436	5.519	8580446	3966418	154.644	79.977 #
26)	L6 AR-1254-1	6.368	5.478	29075349	37484500	467.939	437.108
27)	L6 AR-1254-2	6.587	5.626	43133108	33246571	459.614	447.522
28)	L6 AR-1254-3	6.955	6.031	43184175	51672915	454.925	445.179
29)	L6 AR-1254-4	7.242	6.261	31436567	28484559	463.429	452.489
30)	L6 AR-1254-5	7.663	6.680	35678468	46590531	469.339	487.259
31)	L7 AR-1260-1	7.121	6.163	19038888	26713277	244.231	315.343 #
32)	L7 AR-1260-2	7.378	6.351	21003835	21511906	234.501	224.926
33)	L7 AR-1260-3	7.723f	6.504	5404370	22110759	79.085	241.899 #
34)	L7 AR-1260-4	7.952	6.979	14997837	2335891	188.247	30.814 #
35)	L7 AR-1260-5	8.283	7.221	5401276	5482281	37.661	34.609
36)	L8 AR-1262-1	7.723f	6.772	5404370	1810237	64.242	44.339 #
37)	L8 AR-1262-2	8.283	6.979	5401276	2335891	38.167	26.980 #
38)	L8 AR-1262-3	8.608	7.507	4334190	54677	41.856	0.819 #
39)	L8 AR-1262-4	8.658f	7.569	1334535	5420580	26.361	46.321 #
40)	L8 AR-1262-5	9.343	8.066	242456	250750	4.316	4.552
41)	L9 AR-1268-1	8.608	7.507	4334190	54677	22.234	0.269 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
 Data File : PP054333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 17:27
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:48:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

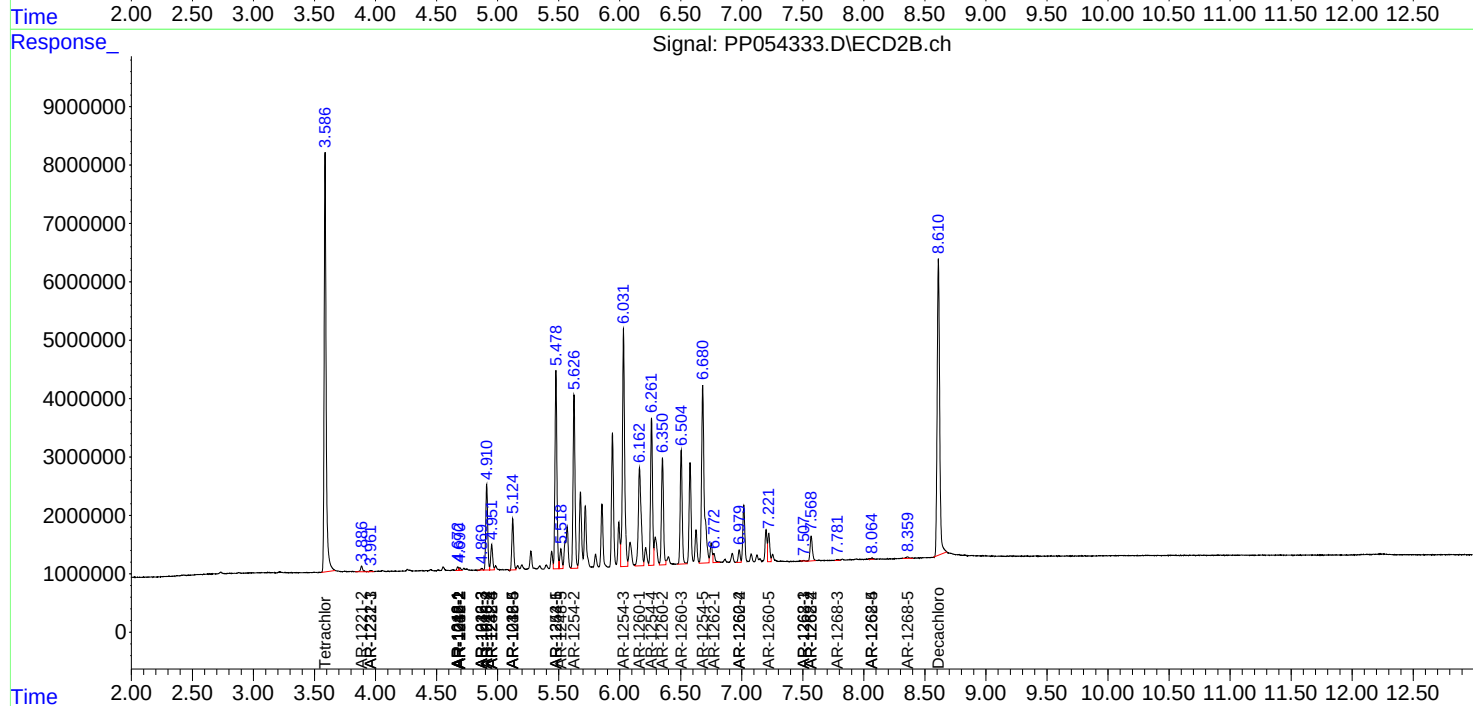
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

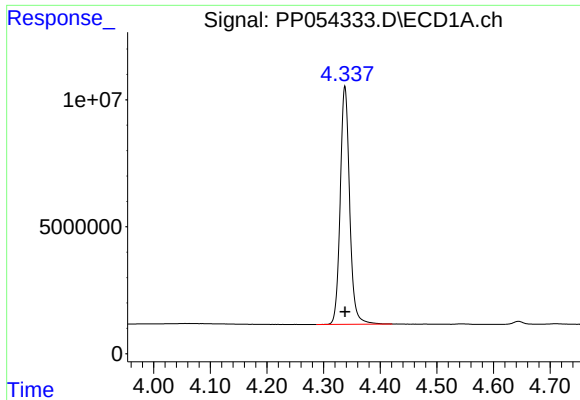
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.569	0	5420580	N.D.	29.424 #
43) L9	AR-1268-3	8.911	7.782	117457	150071	0.757	0.878
44) L9	AR-1268-4	9.343	8.066	242456	250750	3.543	3.969
45) L9	AR-1268-5	9.760	8.357	558972	478827	1.096	0.978

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

Instrument :
ECD_P
ClientSampleId :

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

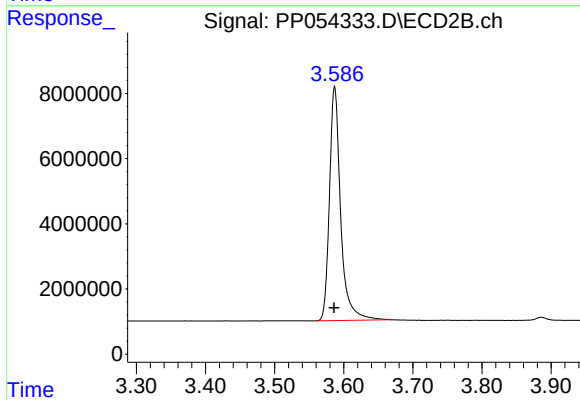




#1 Tetrachloro-m-xylene

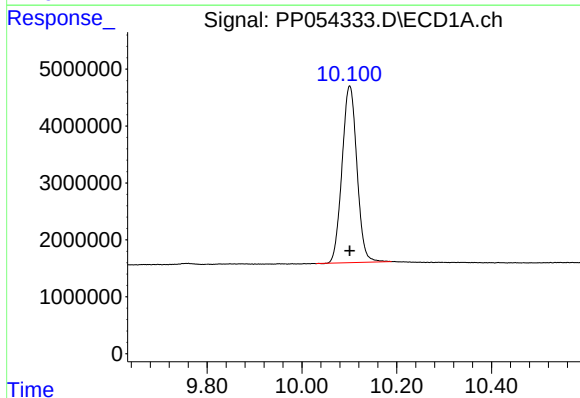
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 108291272
Conc: 53.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



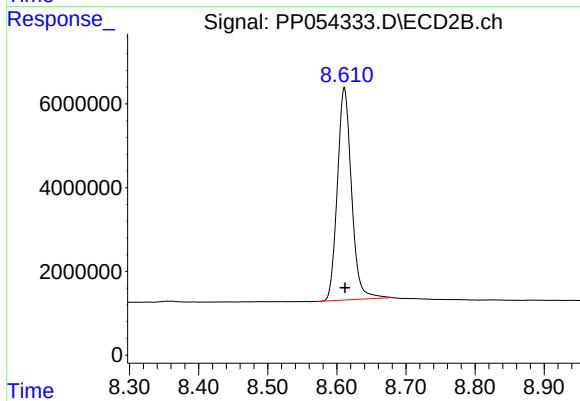
#1 Tetrachloro-m-xylene

R.T.: 3.587 min
Delta R.T.: 0.000 min
Response: 80765759
Conc: 50.07 ng/ml



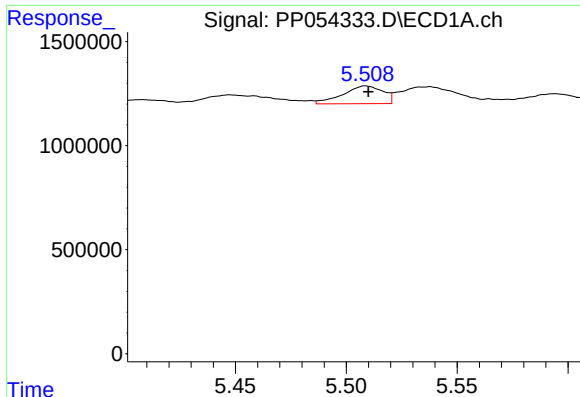
#2 Decachlorobiphenyl

R.T.: 10.101 min
Delta R.T.: 0.000 min
Response: 67778567
Conc: 47.19 ng/ml



#2 Decachlorobiphenyl

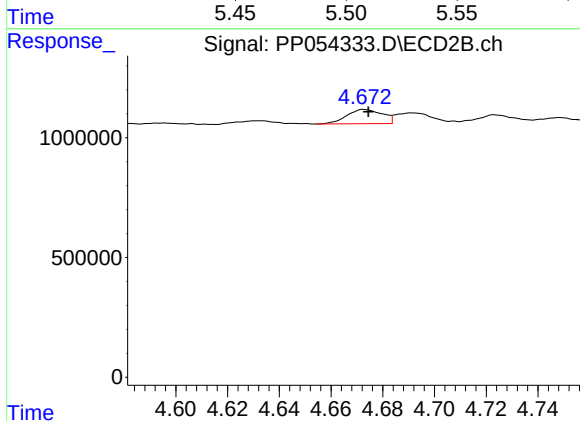
R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 72122441
Conc: 51.13 ng/ml



#3 AR-1016-1

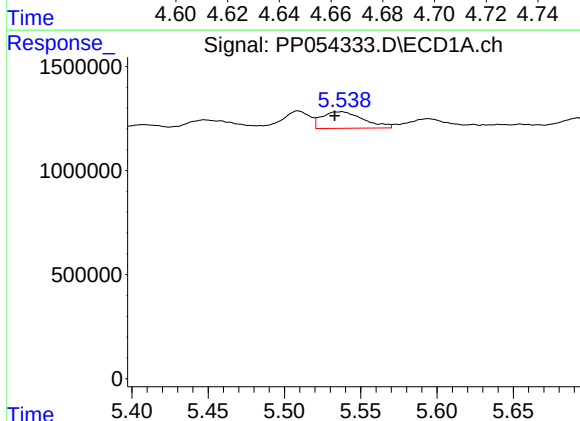
R.T.: 5.509 min
Delta R.T.: -0.001 min
Response: 1079265
Conc: 14.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



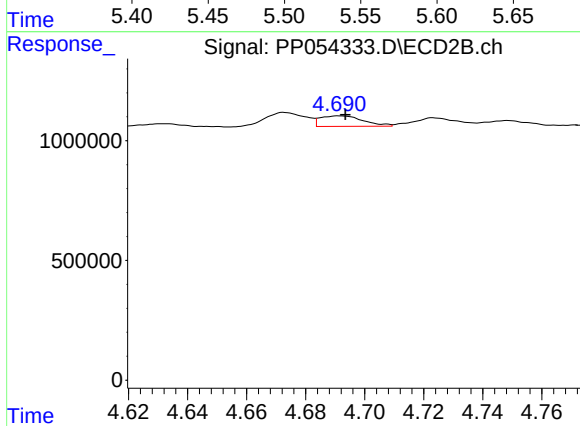
#3 AR-1016-1

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 568240
Conc: 10.92 ng/ml



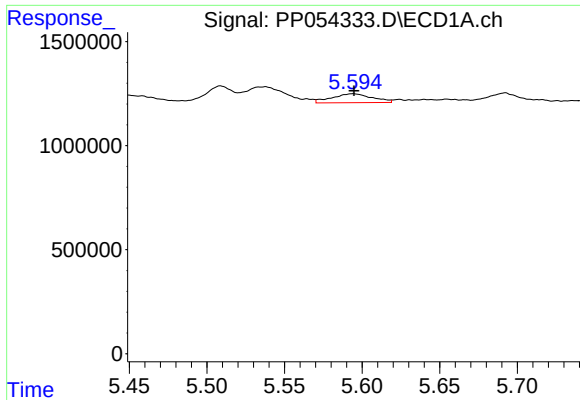
#4 AR-1016-2

R.T.: 5.537 min
Delta R.T.: 0.004 min
Response: 1508784
Conc: 14.14 ng/ml



#4 AR-1016-2

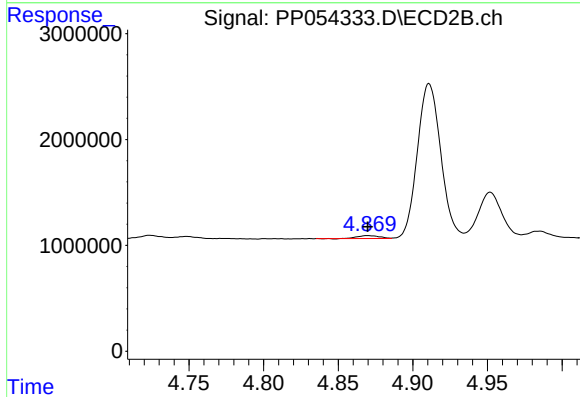
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 444663
Conc: 6.21 ng/ml



#5 AR-1016-3

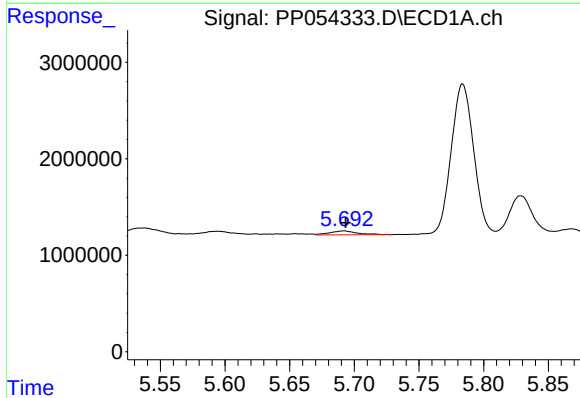
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 780405
Conc: 11.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



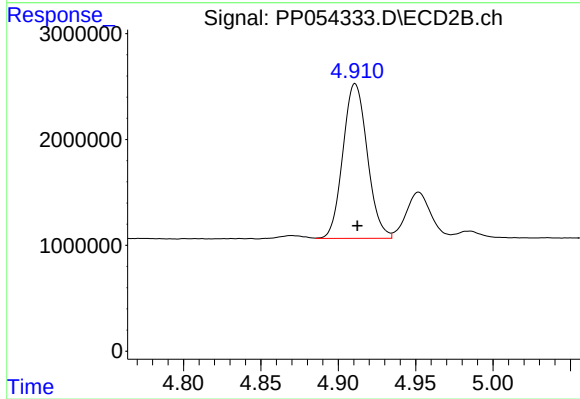
#5 AR-1016-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 275541
Conc: 7.02 ng/ml



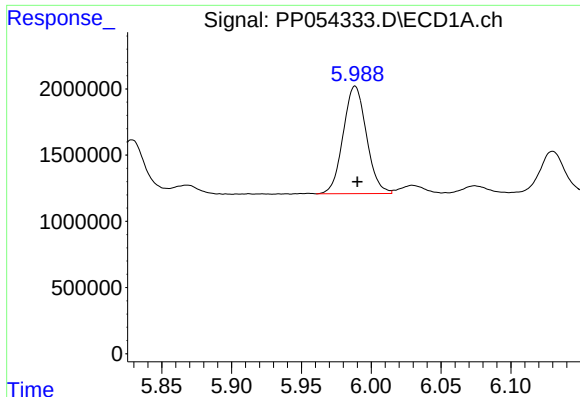
#6 AR-1016-4

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 604383
Conc: 11.61 ng/ml



#6 AR-1016-4

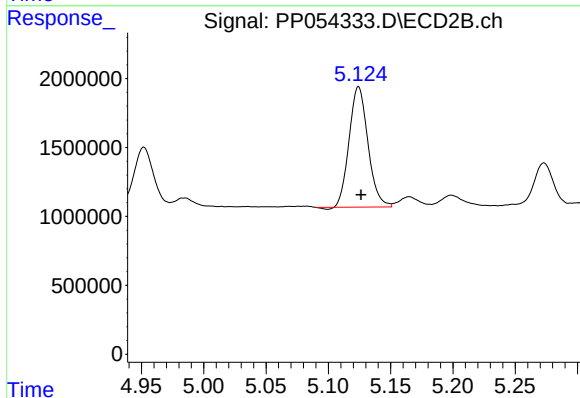
R.T.: 4.911 min
Delta R.T.: -0.001 min
Response: 16019854
Conc: 465.51 ng/ml



#7 AR-1016-5

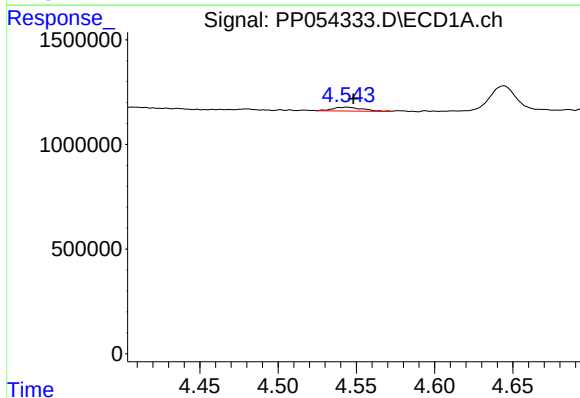
R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 9416846
Conc: 207.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



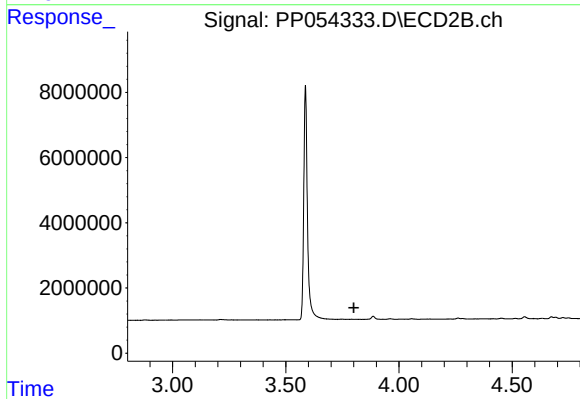
#7 AR-1016-5

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 9181647
Conc: 208.83 ng/ml



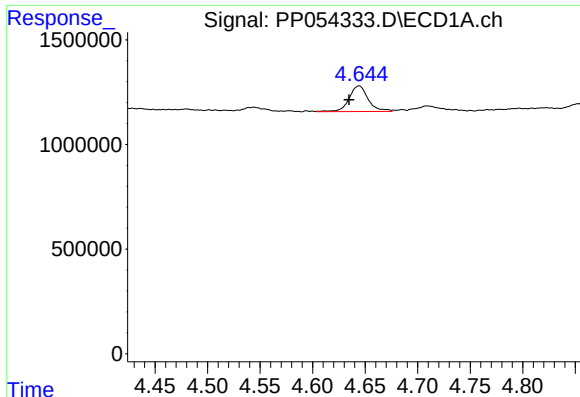
#8 AR-1221-1

R.T.: 4.544 min
Delta R.T.: -0.004 min
Response: 249598
Conc: 10.38 ng/ml



#8 AR-1221-1

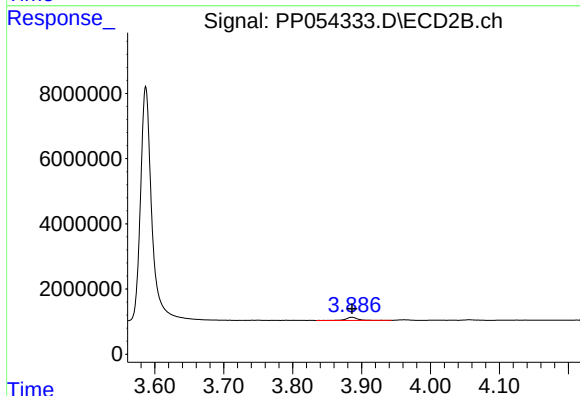
R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#9 AR-1221-2

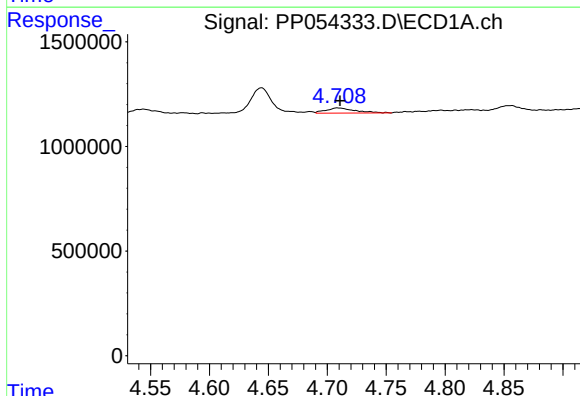
R.T.: 4.644 min
Delta R.T.: 0.010 min
Response: 1558334
Conc: 87.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



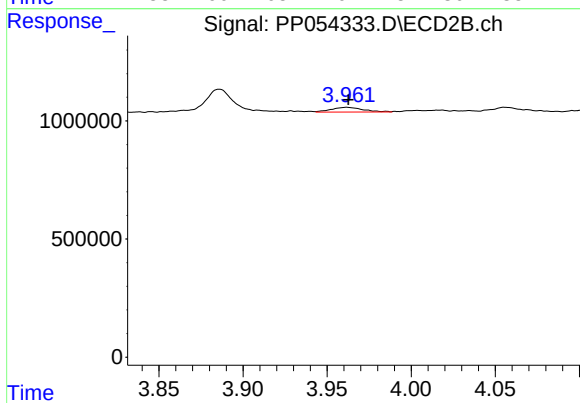
#9 AR-1221-2

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 1215622
Conc: 82.44 ng/ml



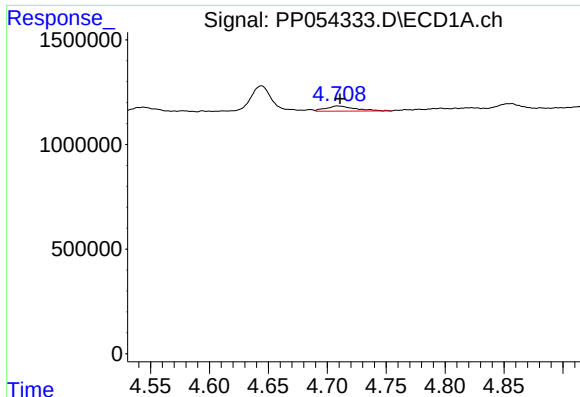
#10 AR-1221-3

R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 433880
Conc: 8.05 ng/ml



#10 AR-1221-3

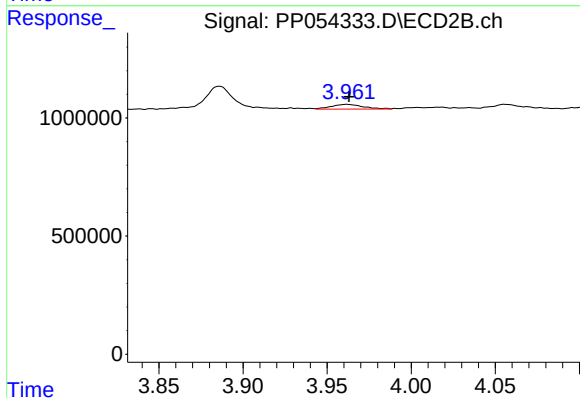
R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 256383
Conc: 5.77 ng/ml



#11 AR-1232-1

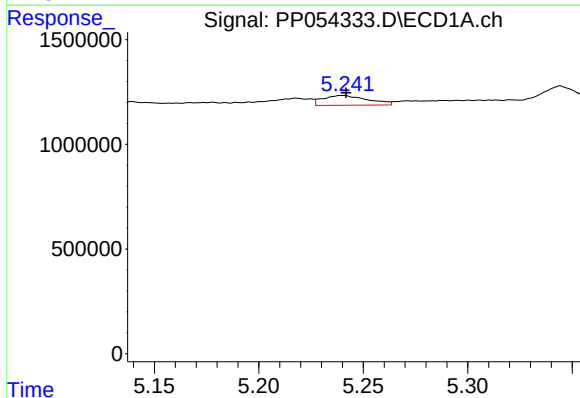
R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 433880
Conc: 9.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



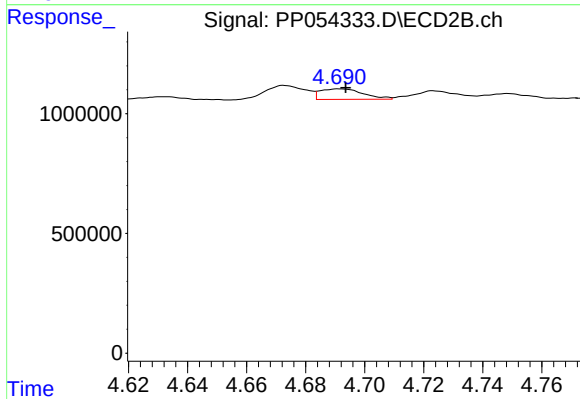
#11 AR-1232-1

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 256383
Conc: 6.89 ng/ml



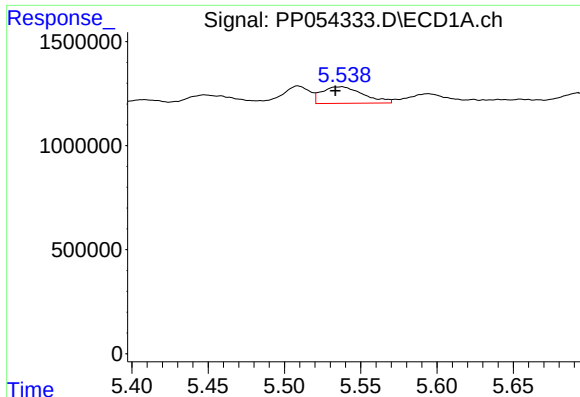
#12 AR-1232-2

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 697386
Conc: 26.73 ng/ml



#12 AR-1232-2

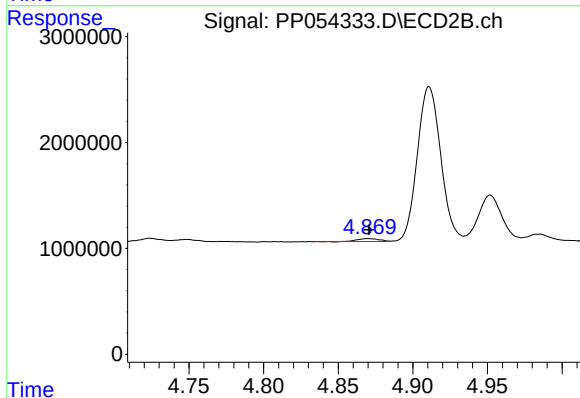
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 444663
Conc: 8.30 ng/ml



#13 AR-1232-3

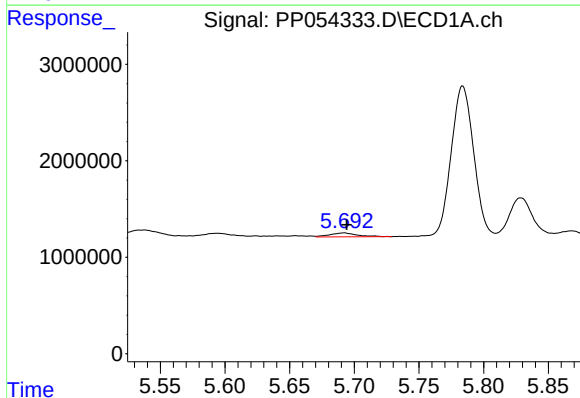
R.T.: 5.537 min
Delta R.T.: 0.004 min
Response: 1508784
Conc: 32.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



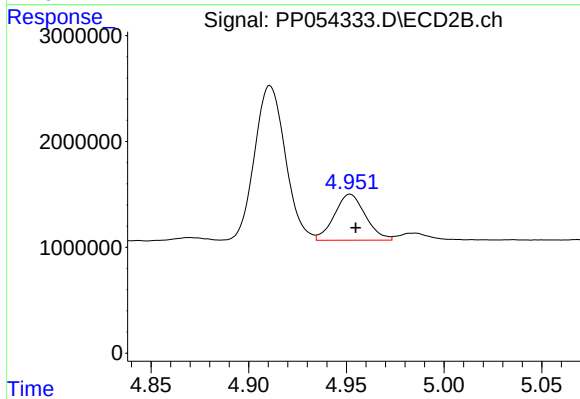
#13 AR-1232-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 275541
Conc: 16.60 ng/ml



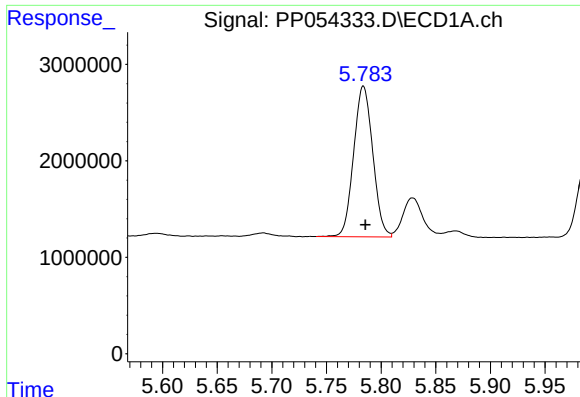
#14 AR-1232-4

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 604383
Conc: 26.99 ng/ml



#14 AR-1232-4

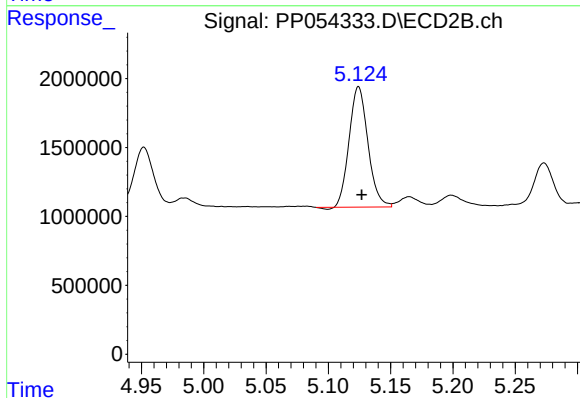
R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 4815303
Conc: 287.05 ng/ml



#15 AR-1232-5

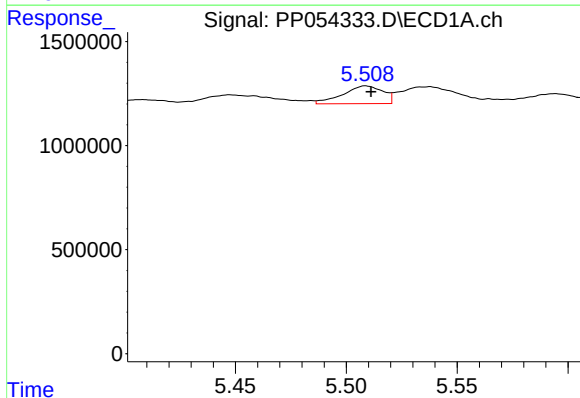
R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 18998894
Conc: 1067.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



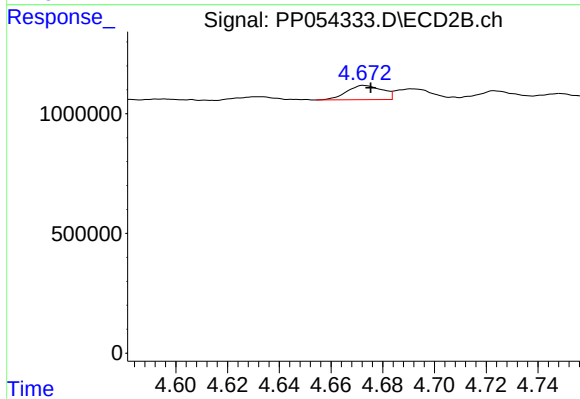
#15 AR-1232-5

R.T.: 5.124 min
Delta R.T.: -0.003 min
Response: 9181647
Conc: 508.54 ng/ml



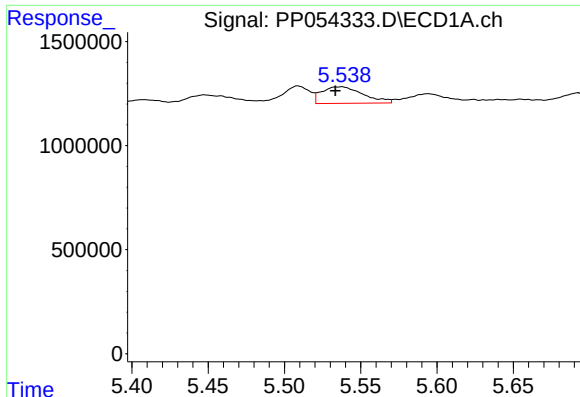
#16 AR-1242-1

R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 1079265
Conc: 18.18 ng/ml



#16 AR-1242-1

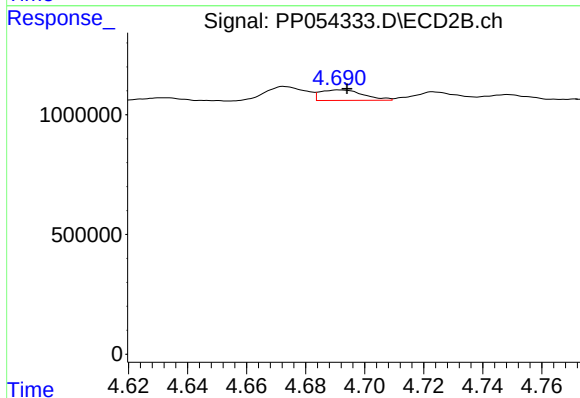
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 568240
Conc: 13.46 ng/ml



#17 AR-1242-2

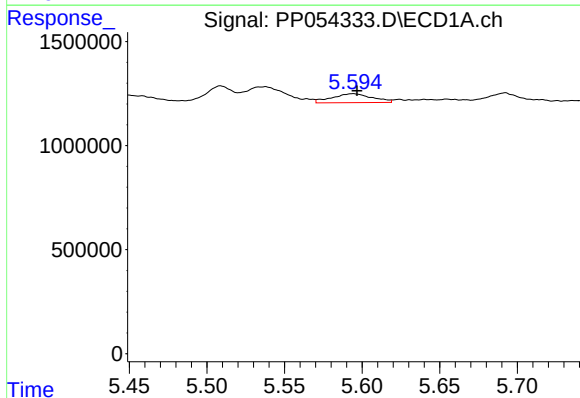
R.T.: 5.537 min
Delta R.T.: 0.004 min
Response: 1508784
Conc: 17.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



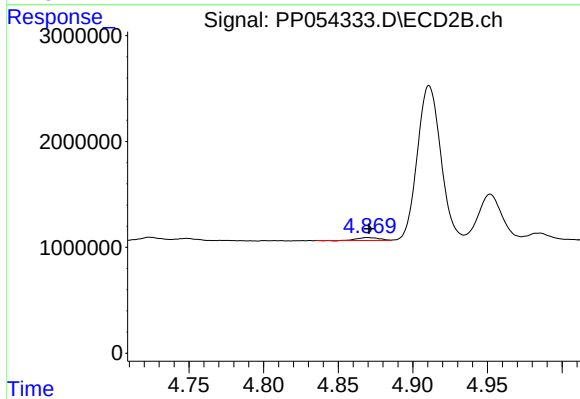
#17 AR-1242-2

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 444663
Conc: 7.64 ng/ml



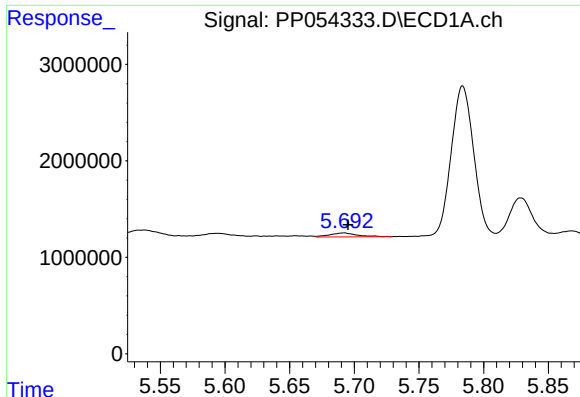
#18 AR-1242-3

R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 780405
Conc: 14.28 ng/ml



#18 AR-1242-3

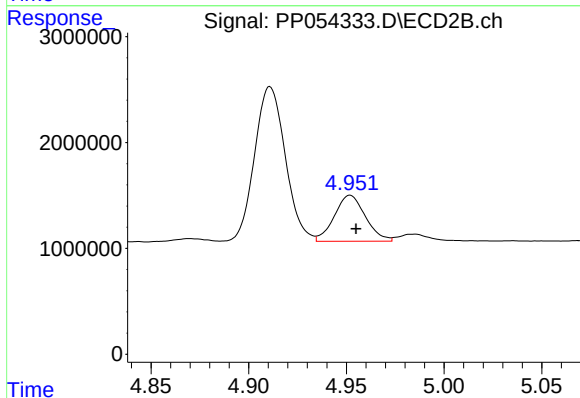
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 275541
Conc: 8.62 ng/ml



#19 AR-1242-4

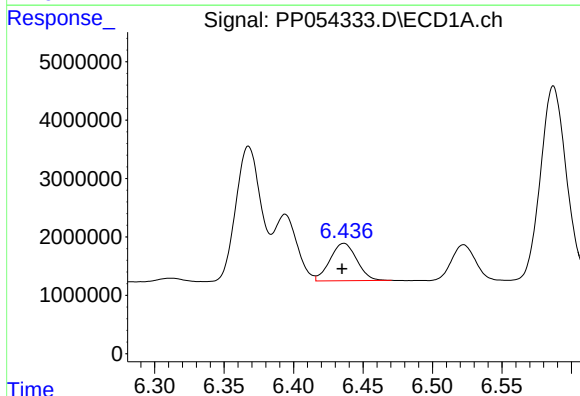
R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 604383
Conc: 14.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



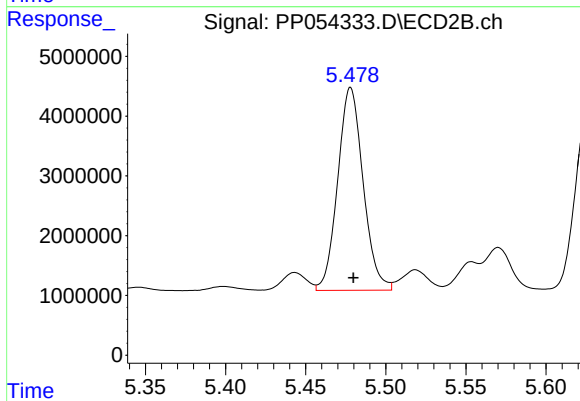
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 4815303
Conc: 138.04 ng/ml



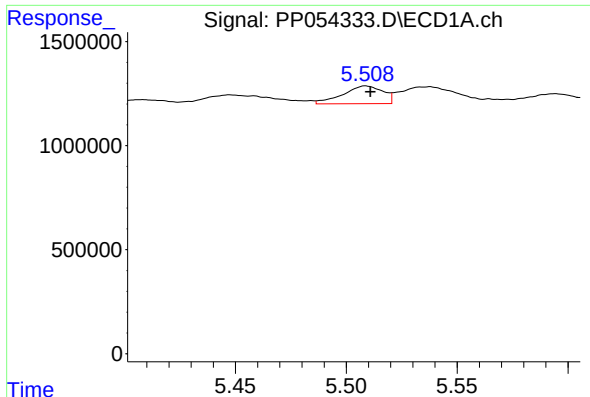
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 8580446
Conc: 261.40 ng/ml



#20 AR-1242-5

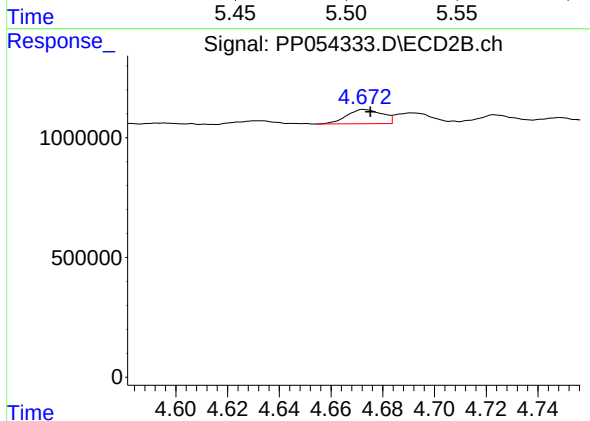
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 37484500
Conc: 996.29 ng/ml



#21 AR-1248-1

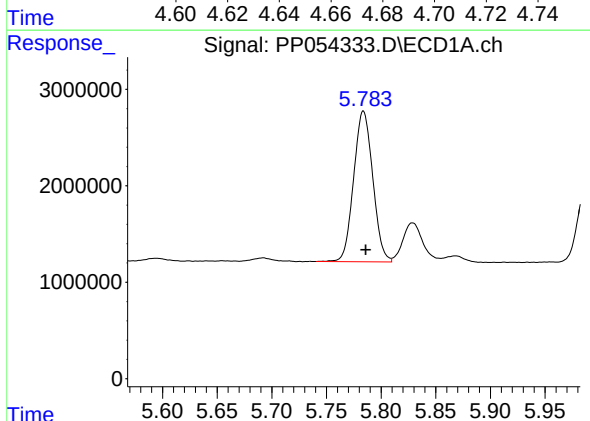
R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 1079265
Conc: 24.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



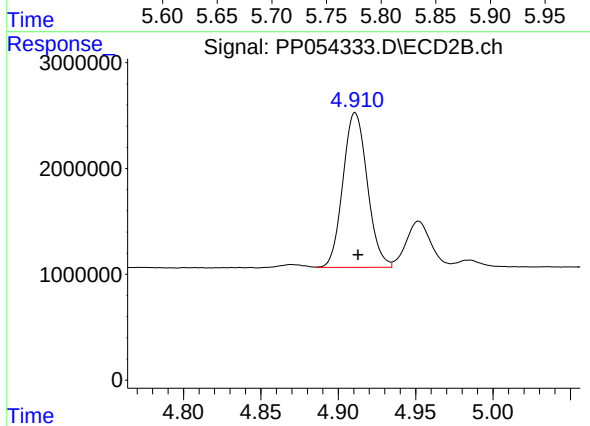
#21 AR-1248-1

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 568240
Conc: 17.47 ng/ml



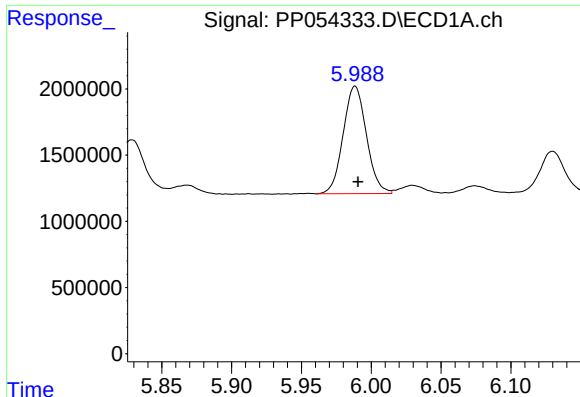
#22 AR-1248-2

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 18998894
Conc: 299.02 ng/ml



#22 AR-1248-2

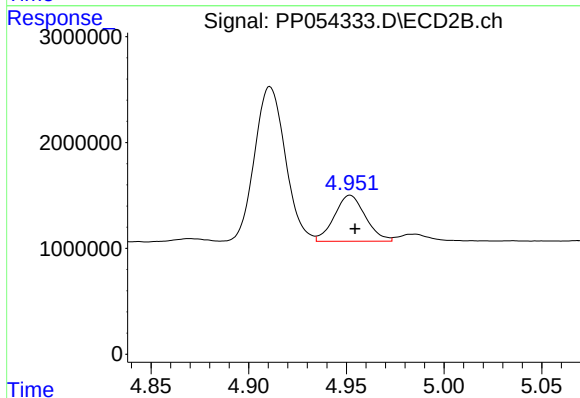
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 16019854
Conc: 324.39 ng/ml



#23 AR-1248-3

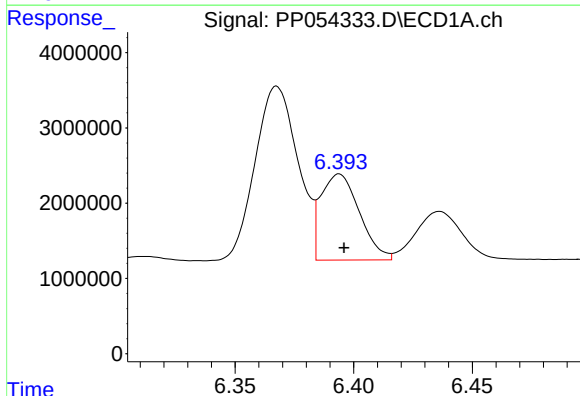
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 9416846
Conc: 158.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



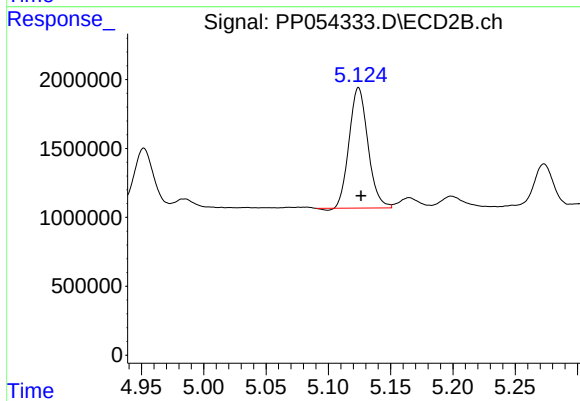
#23 AR-1248-3

R.T.: 4.952 min
Delta R.T.: -0.002 min
Response: 4815303
Conc: 93.31 ng/ml



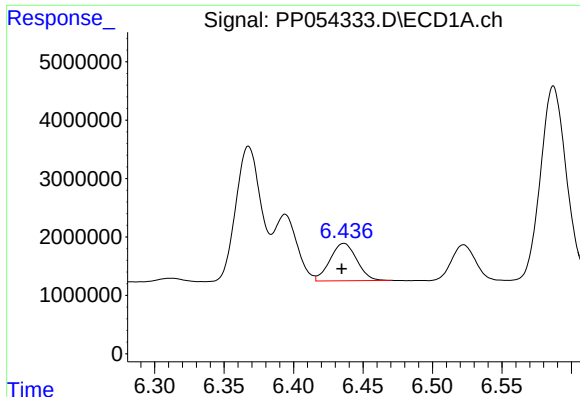
#24 AR-1248-4

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 12954715
Conc: 223.64 ng/ml



#24 AR-1248-4

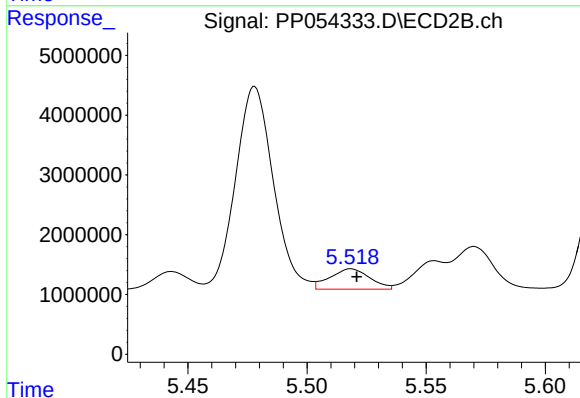
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 9181647
Conc: 155.58 ng/ml



#25 AR-1248-5

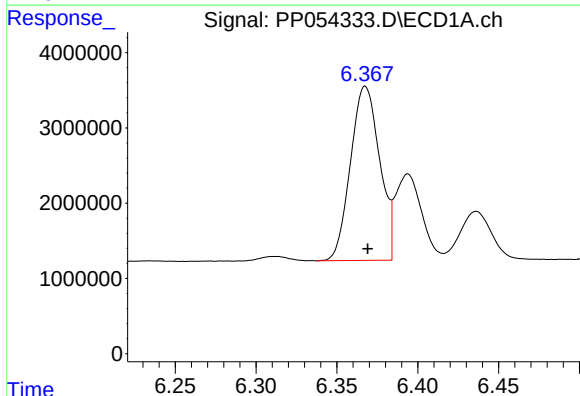
R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 8580446
Conc: 154.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



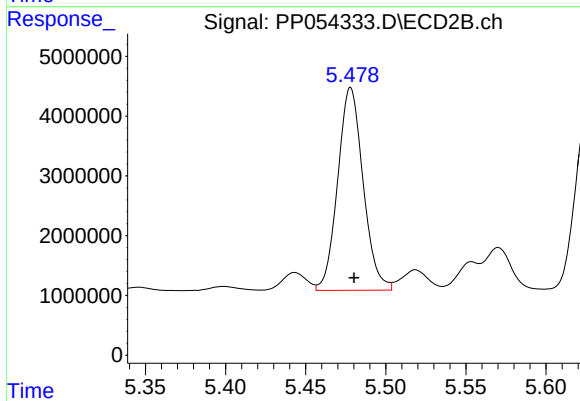
#25 AR-1248-5

R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 3966418
Conc: 79.98 ng/ml



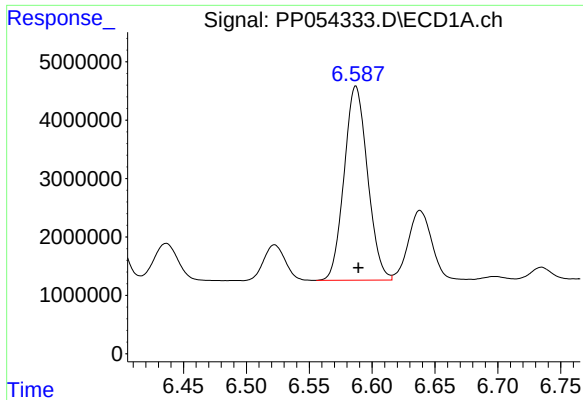
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 29075349
Conc: 467.94 ng/ml



#26 AR-1254-1

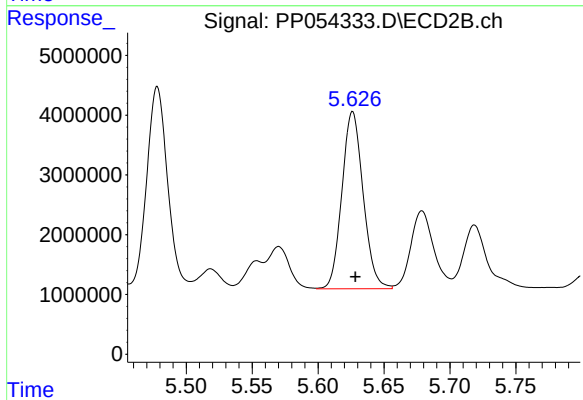
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 37484500
Conc: 437.11 ng/ml



#27 AR-1254-2

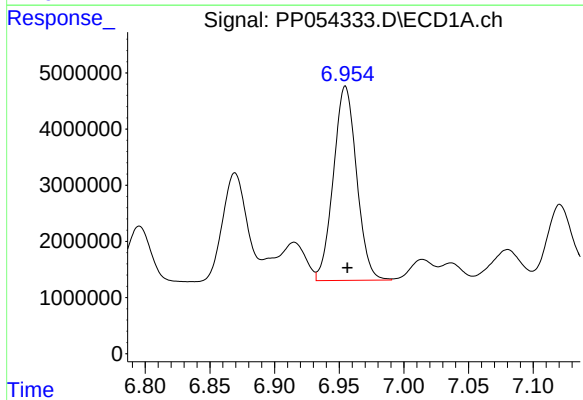
R.T.: 6.587 min
Delta R.T.: -0.002 min
Response: 43133108
Conc: 459.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



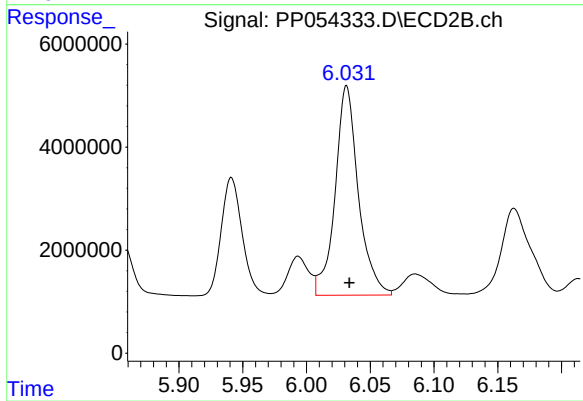
#27 AR-1254-2

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 33246571
Conc: 447.52 ng/ml



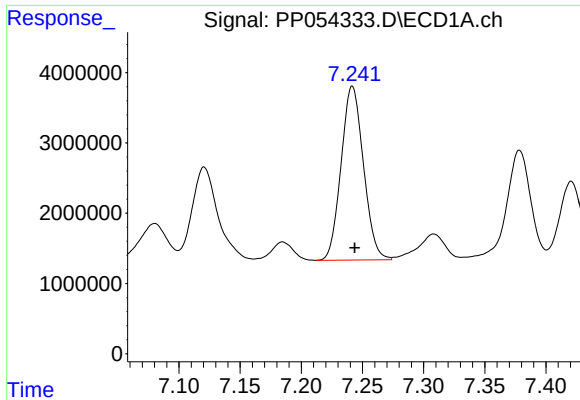
#28 AR-1254-3

R.T.: 6.955 min
Delta R.T.: -0.002 min
Response: 43184175
Conc: 454.92 ng/ml



#28 AR-1254-3

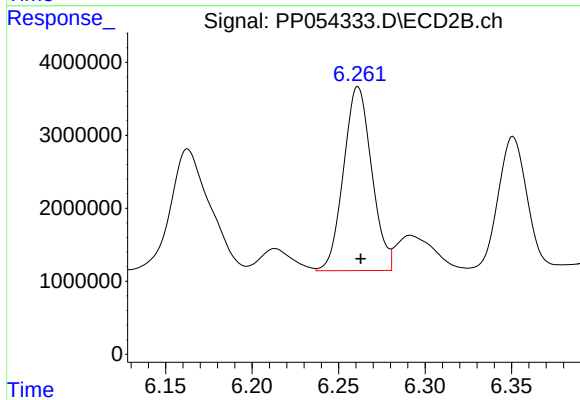
R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 51672915
Conc: 445.18 ng/ml



#29 AR-1254-4

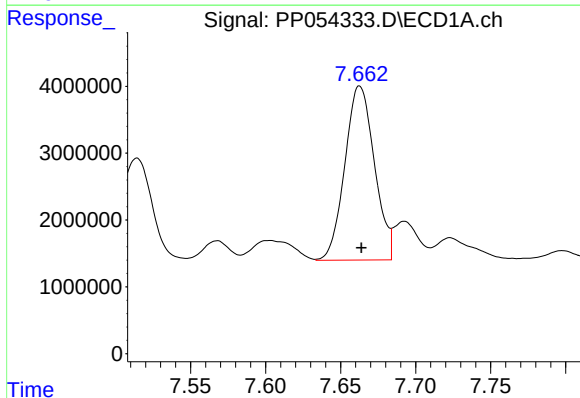
R.T.: 7.242 min
Delta R.T.: -0.002 min
Response: 31436567
Conc: 463.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



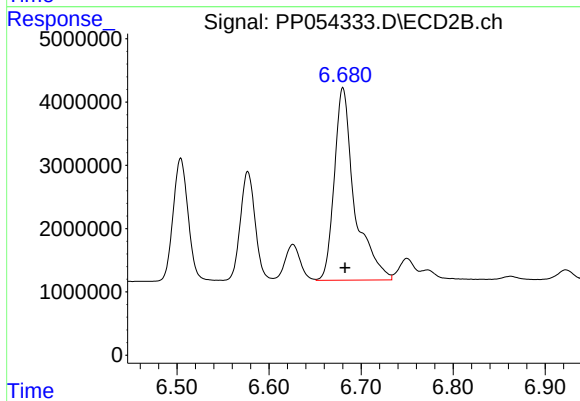
#29 AR-1254-4

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 28484559
Conc: 452.49 ng/ml



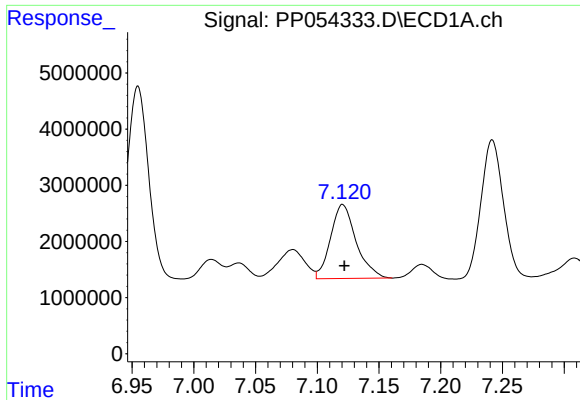
#30 AR-1254-5

R.T.: 7.663 min
Delta R.T.: -0.001 min
Response: 35678468
Conc: 469.34 ng/ml



#30 AR-1254-5

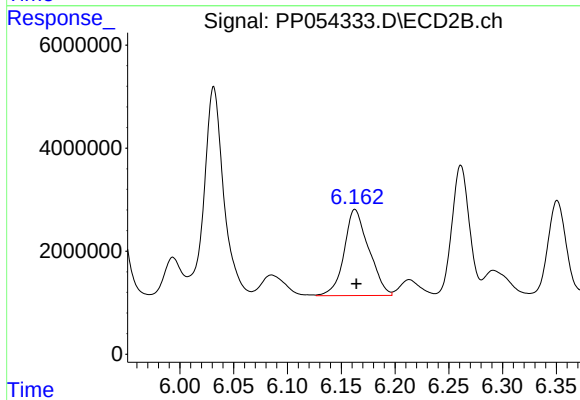
R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 46590531
Conc: 487.26 ng/ml



#31 AR-1260-1

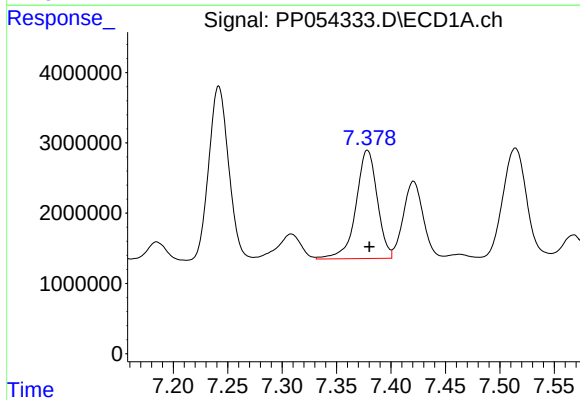
R.T.: 7.121 min
Delta R.T.: -0.001 min
Response: 19038888
Conc: 244.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



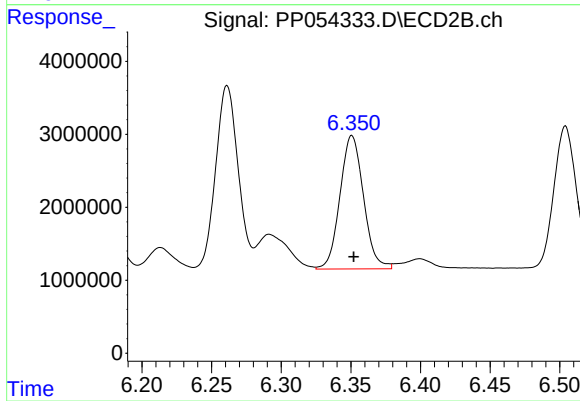
#31 AR-1260-1

R.T.: 6.163 min
Delta R.T.: -0.001 min
Response: 26713277
Conc: 315.34 ng/ml



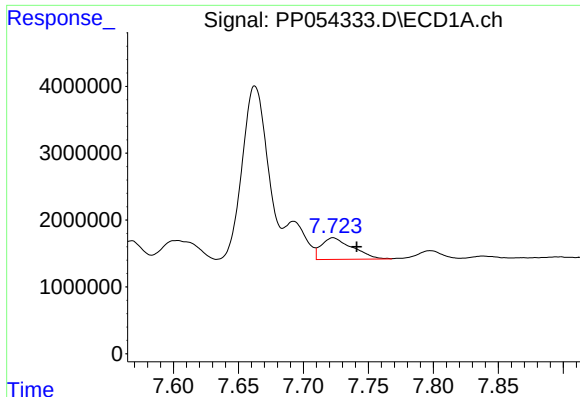
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.002 min
Response: 21003835
Conc: 234.50 ng/ml



#32 AR-1260-2

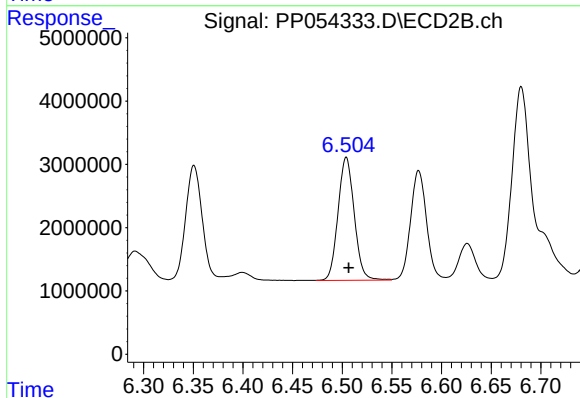
R.T.: 6.351 min
Delta R.T.: -0.001 min
Response: 21511906
Conc: 224.93 ng/ml



#33 AR-1260-3

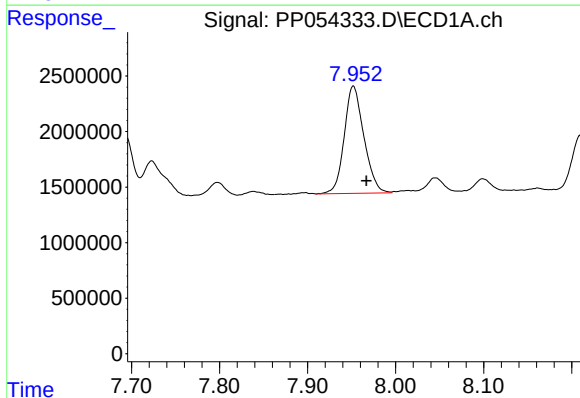
R.T.: 7.723 min
Delta R.T.: -0.018 min
Response: 5404370
Conc: 79.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



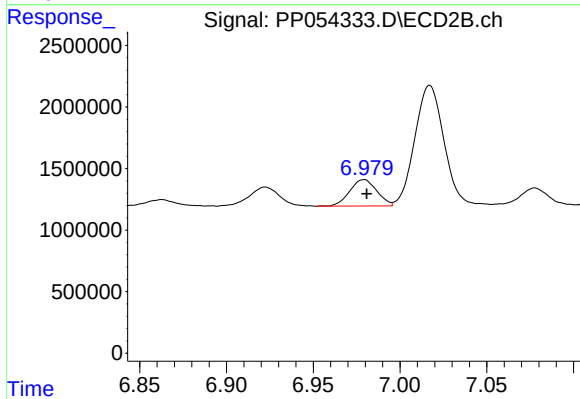
#33 AR-1260-3

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 22110759
Conc: 241.90 ng/ml



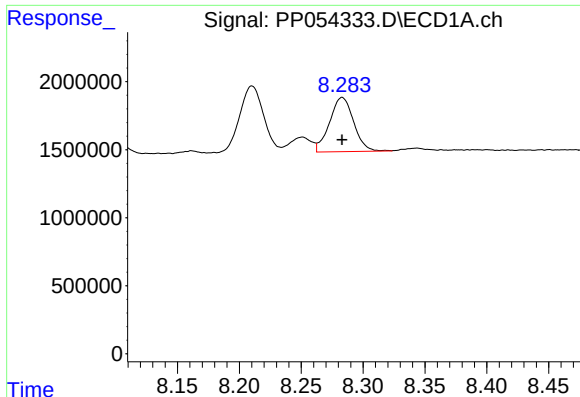
#34 AR-1260-4

R.T.: 7.952 min
Delta R.T.: -0.015 min
Response: 14997837
Conc: 188.25 ng/ml



#34 AR-1260-4

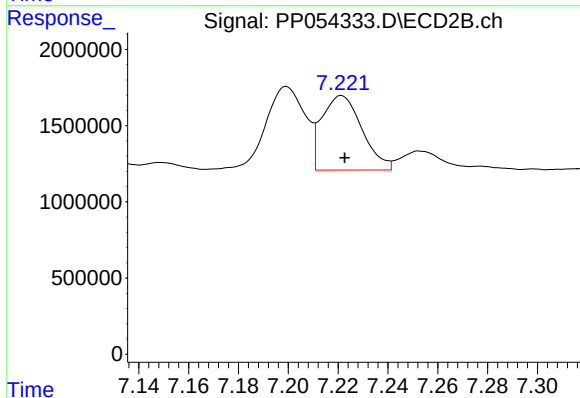
R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 2335891
Conc: 30.81 ng/ml



#35 AR-1260-5

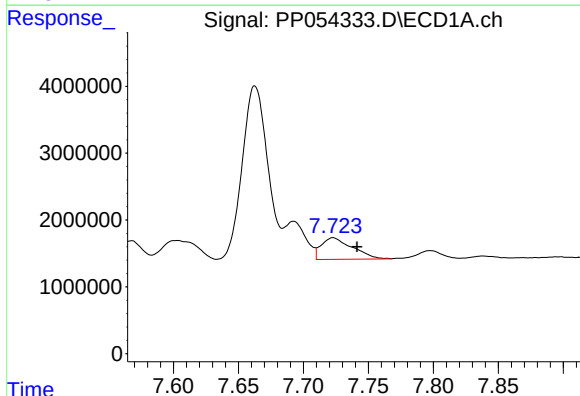
R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 5401276
Conc: 37.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



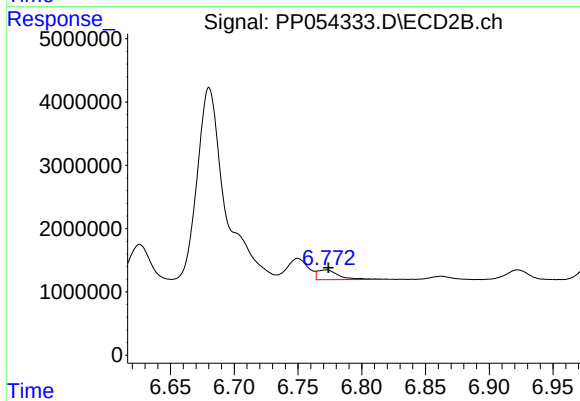
#35 AR-1260-5

R.T.: 7.221 min
Delta R.T.: -0.001 min
Response: 5482281
Conc: 34.61 ng/ml



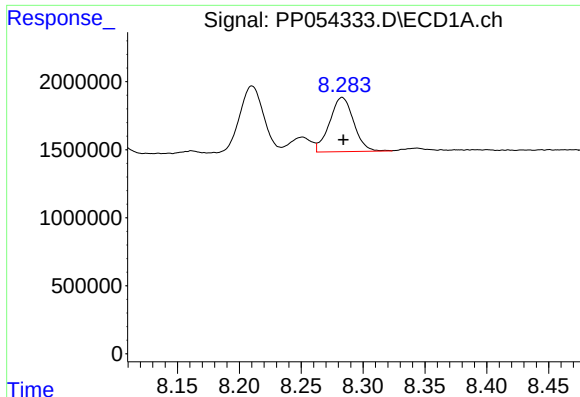
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: -0.018 min
Response: 5404370
Conc: 64.24 ng/ml



#36 AR-1262-1

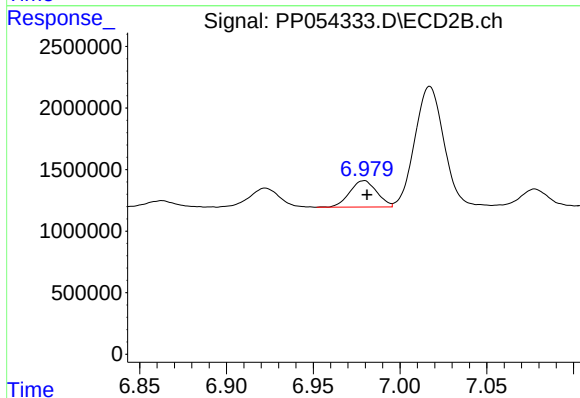
R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 1810237
Conc: 44.34 ng/ml



#37 AR-1262-2

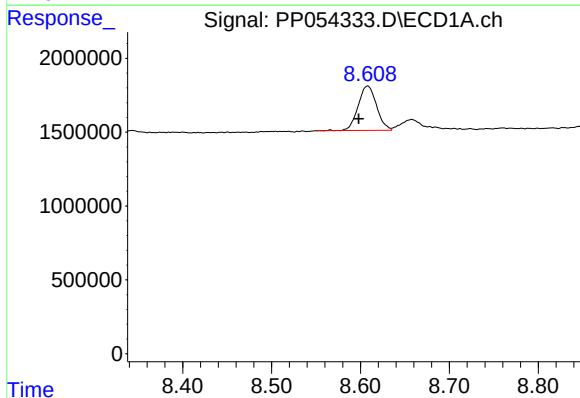
R.T.: 8.283 min
Delta R.T.: -0.001 min
Response: 5401276
Conc: 38.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



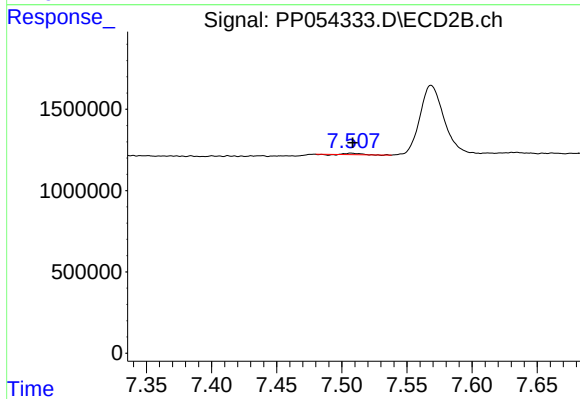
#37 AR-1262-2

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 2335891
Conc: 26.98 ng/ml



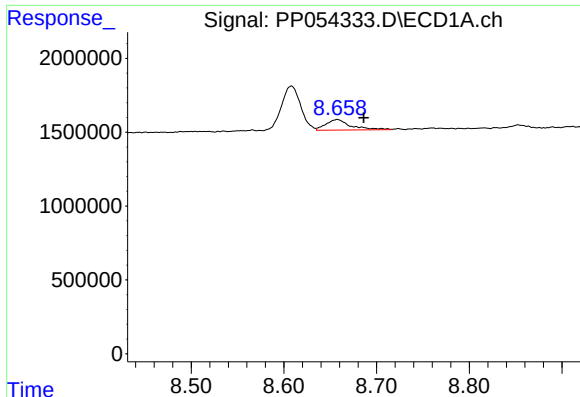
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: 0.010 min
Response: 4334190
Conc: 41.86 ng/ml



#38 AR-1262-3

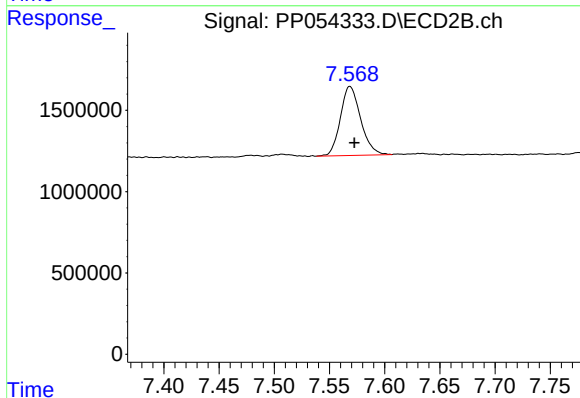
R.T.: 7.507 min
Delta R.T.: -0.001 min
Response: 54677
Conc: 0.82 ng/ml



#39 AR-1262-4

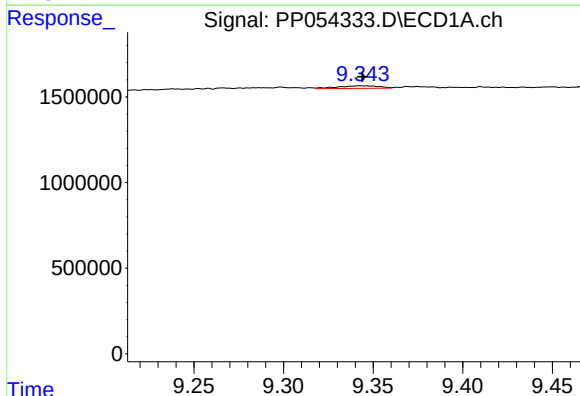
R.T.: 8.658 min
Delta R.T.: -0.028 min
Response: 1334535
Conc: 26.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



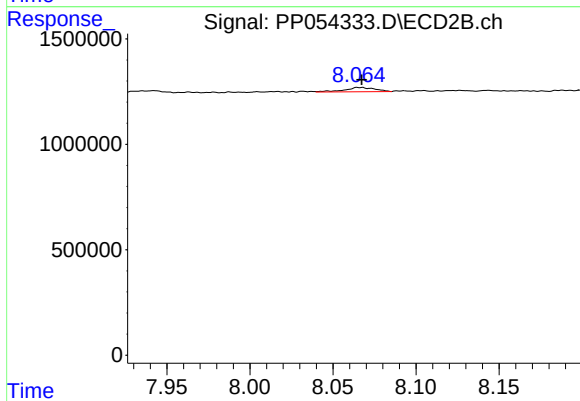
#39 AR-1262-4

R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 5420580
Conc: 46.32 ng/ml



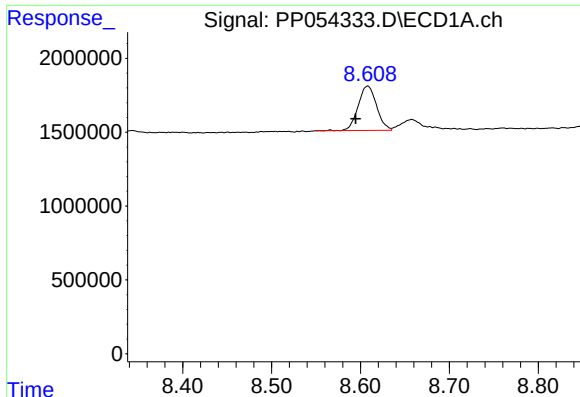
#40 AR-1262-5

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 242456
Conc: 4.32 ng/ml



#40 AR-1262-5

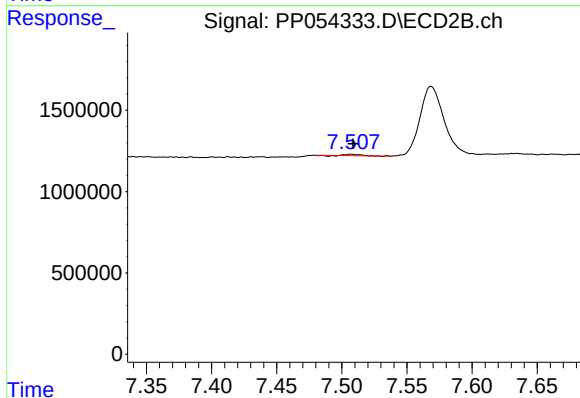
R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 250750
Conc: 4.55 ng/ml



#41 AR-1268-1

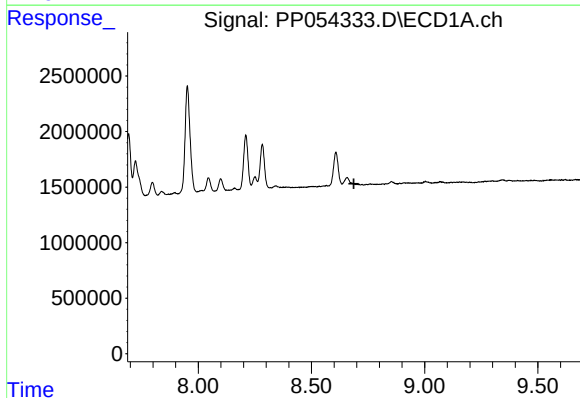
R.T.: 8.608 min
Delta R.T.: 0.013 min
Response: 4334190
Conc: 22.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



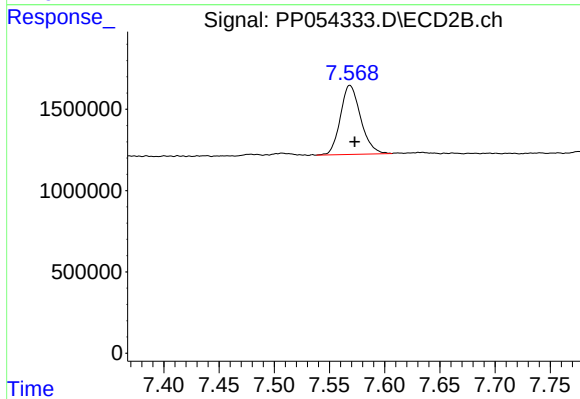
#41 AR-1268-1

R.T.: 7.507 min
Delta R.T.: -0.001 min
Response: 54677
Conc: 0.27 ng/ml



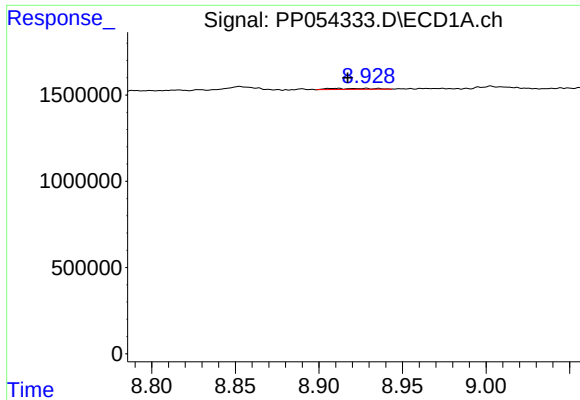
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.688 min
Response: 0
Conc: N.D.



#42 AR-1268-2

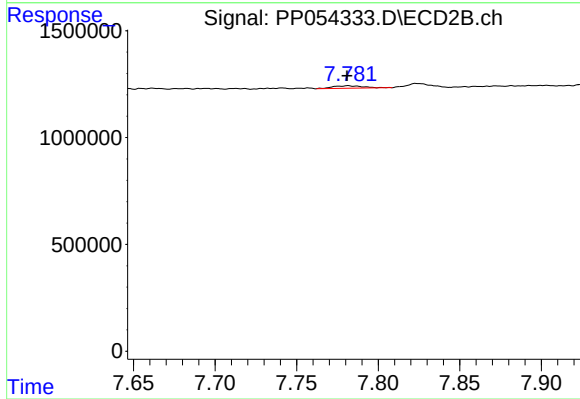
R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 5420580
Conc: 29.42 ng/ml



#43 AR-1268-3

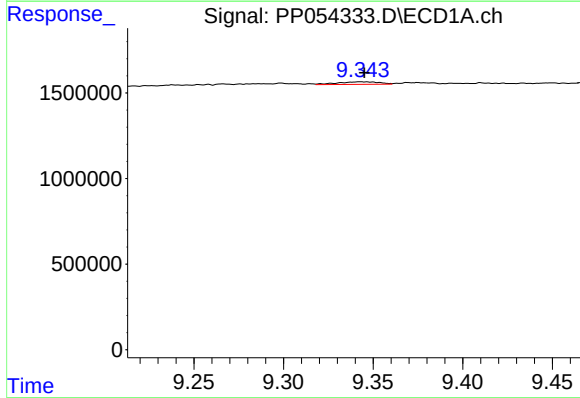
R.T.: 8.911 min
Delta R.T.: -0.006 min
Response: 117457
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



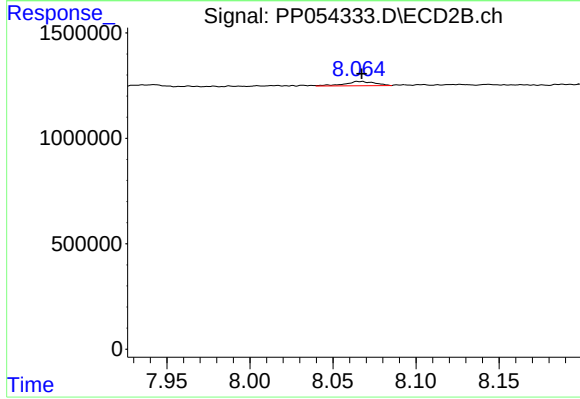
#43 AR-1268-3

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 150071
Conc: 0.88 ng/ml



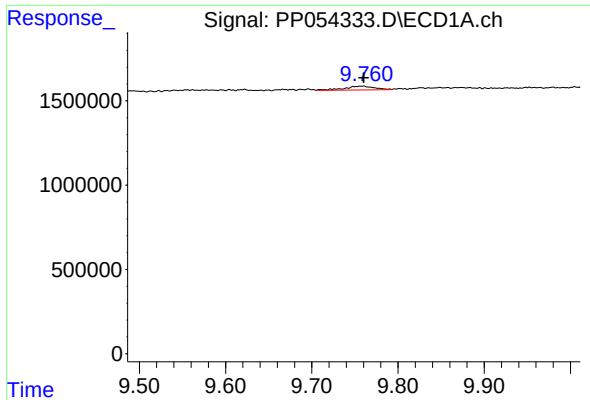
#44 AR-1268-4

R.T.: 9.343 min
Delta R.T.: -0.002 min
Response: 242456
Conc: 3.54 ng/ml



#44 AR-1268-4

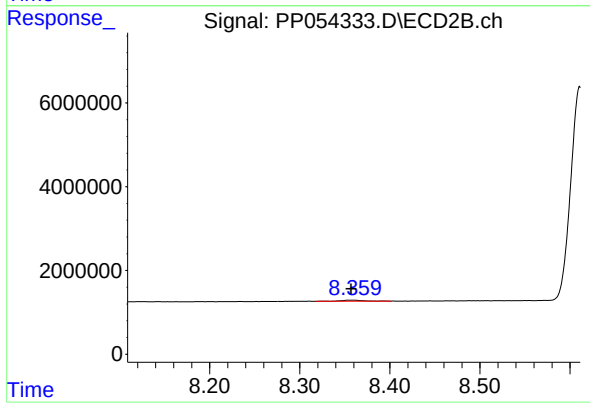
R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 250750
Conc: 3.97 ng/ml



#45 AR-1268-5

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 558972
Conc: 1.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 478827
Conc: 0.98 ng/ml