

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092123\
 Data File : PP060081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 09:24
 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: Sep 21 10:57:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.508	3.664	96046016	71847186	46.170	44.108
2)	SA Decachlor...	10.426	8.734	78625855	79512599	51.546	52.512
Target Compounds							
3)	L1 AR-1016-1	5.695	4.784	28479325	32587200	422.072	542.075 #
4)	L1 AR-1016-2	5.718	4.784	39865374	32587200	416.735	392.608
5)	L1 AR-1016-3	5.781	4.961	25336952	18222594	425.667	406.219
6)	L1 AR-1016-4	5.881	5.003	21109537	13671755	431.104	387.534
7)	L1 AR-1016-5	6.180	5.220	21953744	20771771	446.506	446.738
8)	L2 AR-1221-1	4.715	3.881	3720376	3023572	139.952	137.655
9)	L2 AR-1221-2	4.807	3.968	5207186	3703255	264.552	239.865
10)	L2 AR-1221-3	4.884	4.045	16847470	12825685	294.955	273.450
11)	L3 AR-1232-1	4.884	4.045	16847470	12825685	361.110	337.398
12)	L3 AR-1232-2	5.423	4.784	22671222	32587200	892.613	883.766
13)	L3 AR-1232-3	5.718	4.961	39865374	18222594	922.738	910.060
14)	L3 AR-1232-4	5.881	5.046	21109537	18936971	955.058	1036.703
15)	L3 AR-1232-5	5.973	5.220	18715149	20771771	1020.157	1036.036
16)	L4 AR-1242-1	5.695	4.764	28479325	23986233	476.835	455.483
17)	L4 AR-1242-2	5.718	4.784	39865374	32587200	474.378	452.245
18)	L4 AR-1242-3	5.781	4.961	25336952	18222594	484.440	465.650
19)	L4 AR-1242-4	5.881	5.046	21109537	18936971	489.871	483.216
20)	L4 AR-1242-5	6.628	5.574	24063522	24247024	526.330	501.179
21)	L5 AR-1248-1	5.695	4.764	28479325	23986233	637.169	613.888
22)	L5 AR-1248-2	5.973	5.003	18715149	13671755	288.975	252.323
23)	L5 AR-1248-3	6.180	5.046	21953744	18936971	309.983	332.813
24)	L5 AR-1248-4	6.588	5.220	22234711	20771771	287.478	309.273
25)	L5 AR-1248-5	6.628	5.616	24063522	20883691	319.822	316.593
26)	L6 AR-1254-1	6.561	5.574	17367946	24247024	217.544	241.608
27)	L6 AR-1254-2	6.787	5.723	20680051	7468973	172.661	85.972 #
28)	L6 AR-1254-3	7.154	6.131	9191843	8249313	75.665	58.755
29)	L6 AR-1254-4	7.443	6.361	6746122	5673924	75.858	67.406
30)	L6 AR-1254-5	7.866	6.783	1736893	2128296	17.855	17.942
31)	L7 AR-1260-1	7.322	6.277	1449854	2896504	16.085	31.106 #
32)	L7 AR-1260-2	7.581	6.451	2099901	1427729	20.469	13.022 #
33)	L7 AR-1260-3	0.000	6.604f	0	1307920	N.D.	12.716 #
34)	L7 AR-1260-4	8.160f	7.082	944157	110168	10.535	1.323 #
35)	L7 AR-1260-5	0.000	7.359	0	224725	N.D.	1.168 #
36)	L8 AR-1262-1	0.000	6.879	0	44621	N.D.	0.884 #
37)	L8 AR-1262-2	0.000	7.082	0	110168	N.D.	0.975 #
38)	L8 AR-1262-3	0.000	7.630	0	1096917	N.D.	12.514 #
39)	L8 AR-1262-4	0.000	7.673f	0	379475	N.D.	2.324 #
41)	L9 AR-1268-1	0.000	7.630	0	1096917	N.D.	4.213 #
42)	L9 AR-1268-2	0.000	7.673f	0	379475	N.D.	1.641 #

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Integration File signal 1: autoint1.e
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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
43) L9	AR-1268-3	0.000	7.892	0	314983	N.D.	1.543 #
45) L9	AR-1268-5	10.065	8.471f	725341	456091	1.198	0.722 #

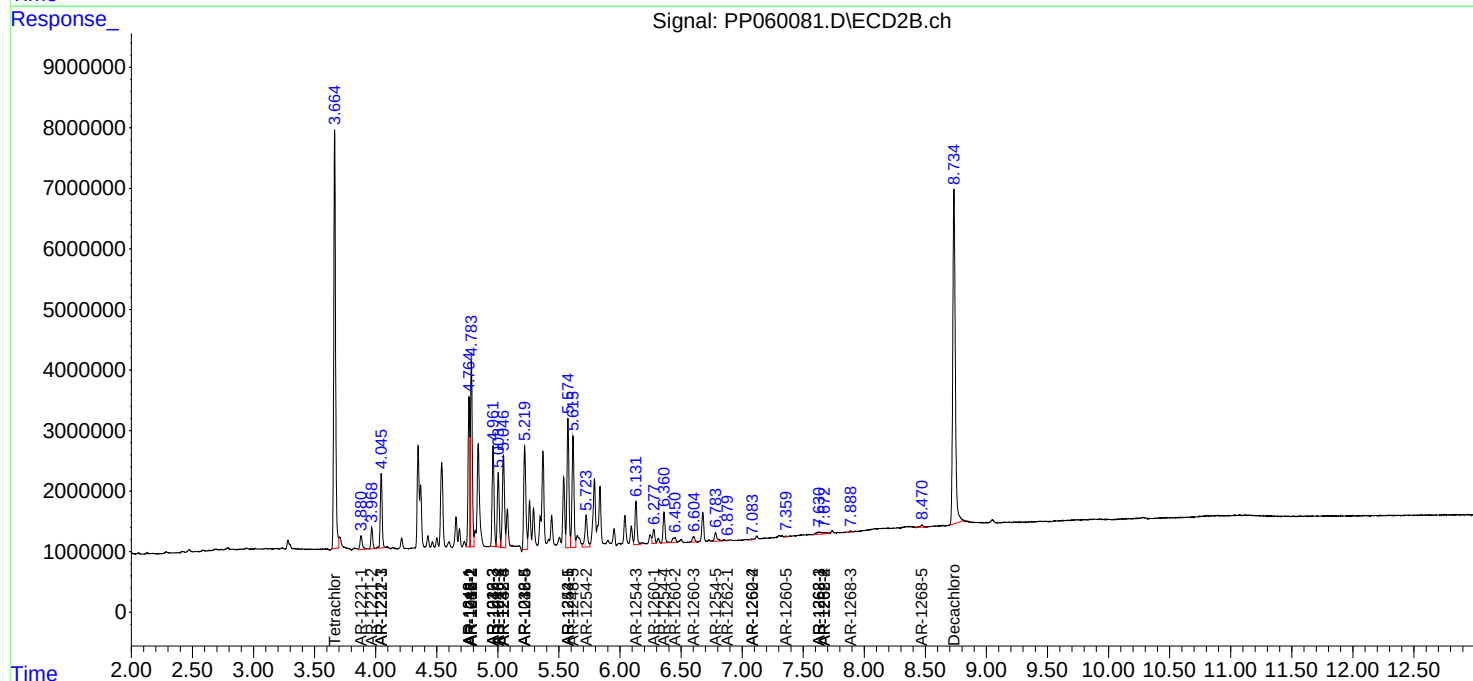
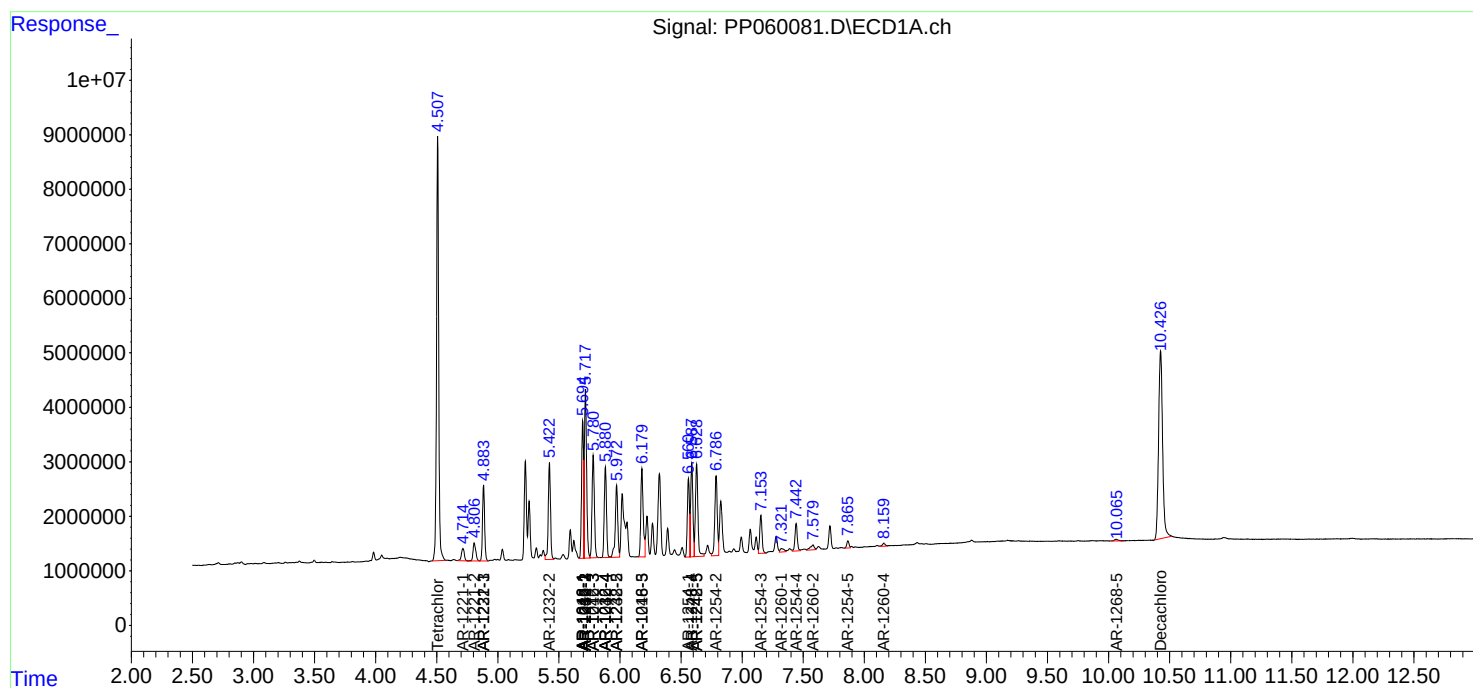
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

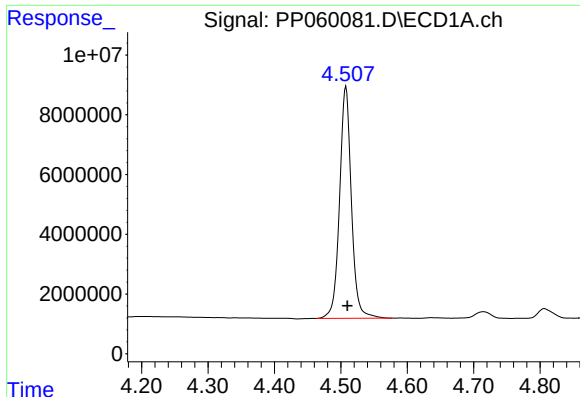
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

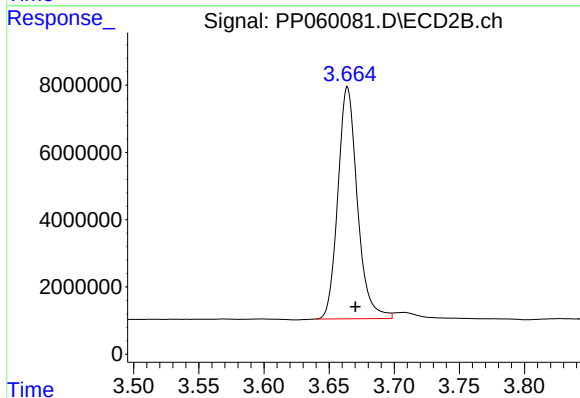




#1 Tetrachloro-m-xylene

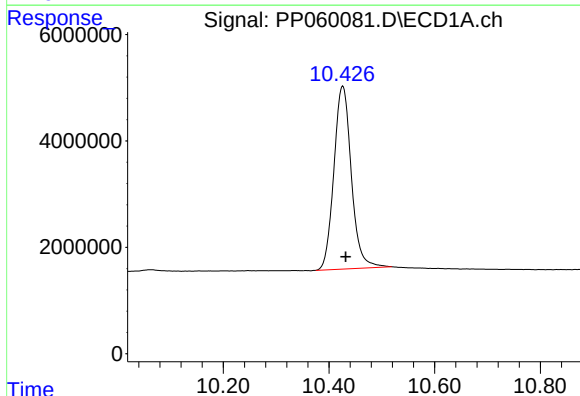
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 96046016
Conc: 46.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



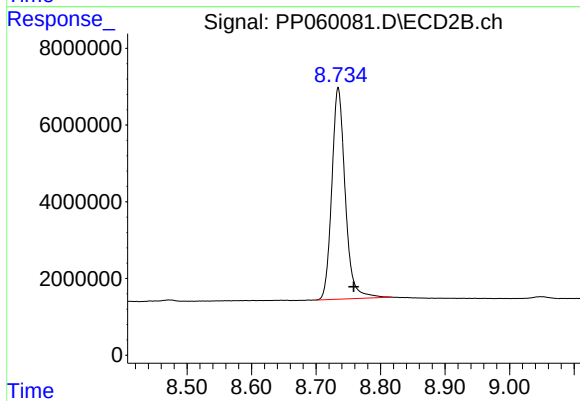
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 71847186
Conc: 44.11 ng/ml



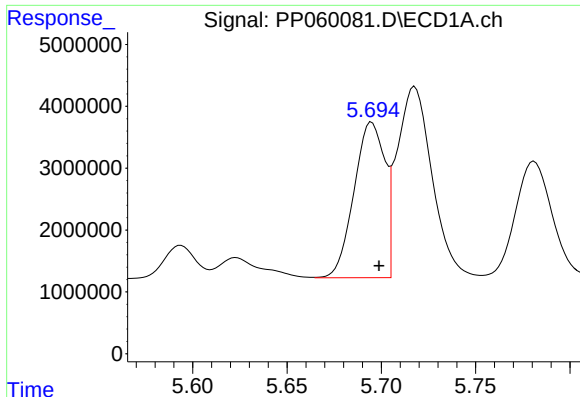
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.006 min
Response: 78625855
Conc: 51.55 ng/ml



#2 Decachlorobiphenyl

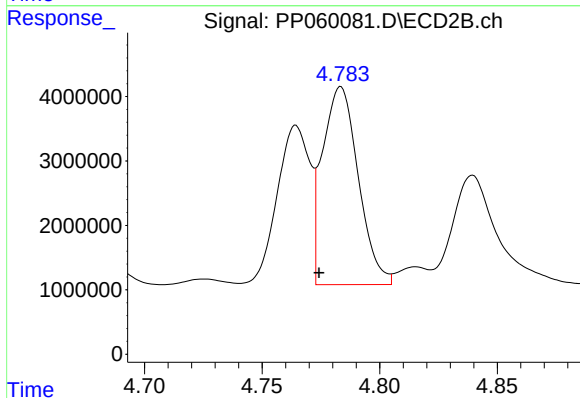
R.T.: 8.734 min
Delta R.T.: -0.024 min
Response: 79512599
Conc: 52.51 ng/ml



#3 AR-1016-1

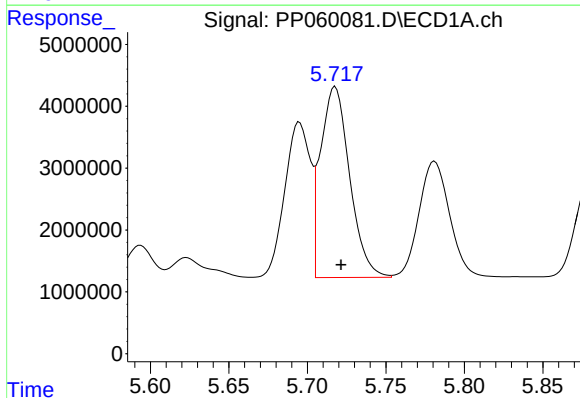
R.T.: 5.695 min
Delta R.T.: -0.004 min
Response: 28479325
Conc: 422.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



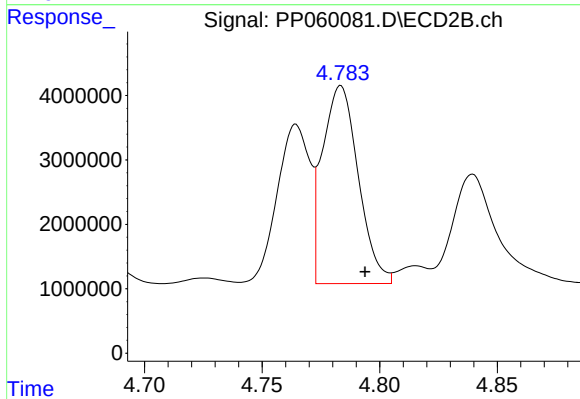
#3 AR-1016-1

R.T.: 4.784 min
Delta R.T.: 0.009 min
Response: 32587200
Conc: 542.08 ng/ml



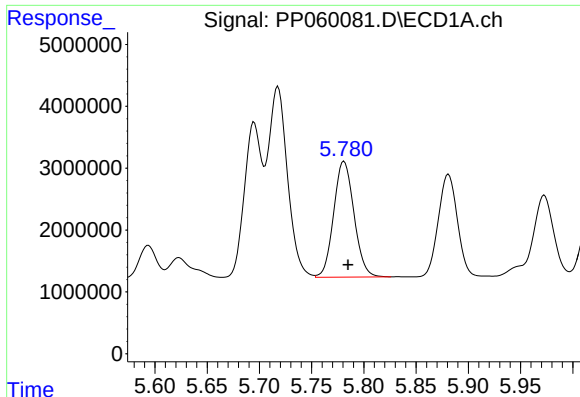
#4 AR-1016-2

R.T.: 5.718 min
Delta R.T.: -0.004 min
Response: 39865374
Conc: 416.74 ng/ml



#4 AR-1016-2

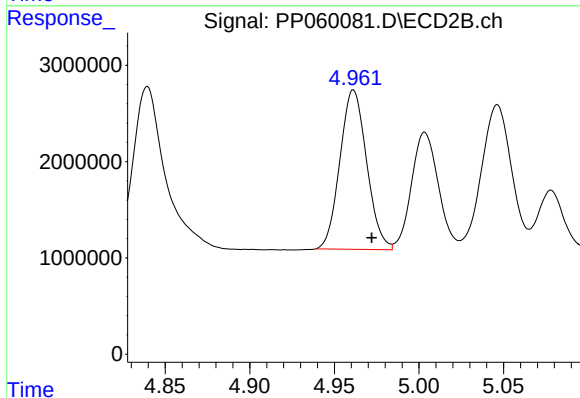
R.T.: 4.784 min
Delta R.T.: -0.010 min
Response: 32587200
Conc: 392.61 ng/ml



#5 AR-1016-3

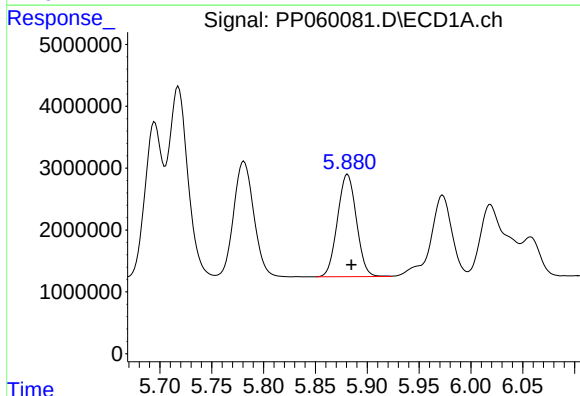
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 25336952
Conc: 425.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



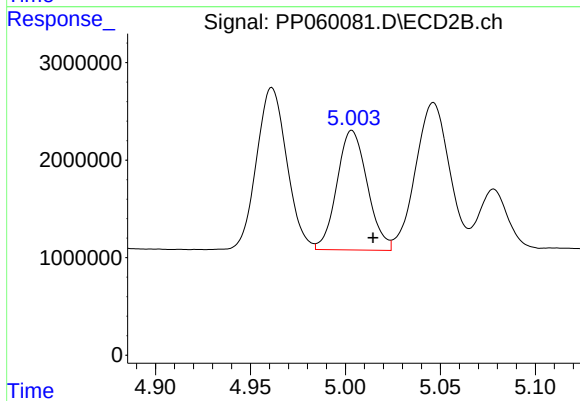
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.011 min
Response: 18222594
Conc: 406.22 ng/ml



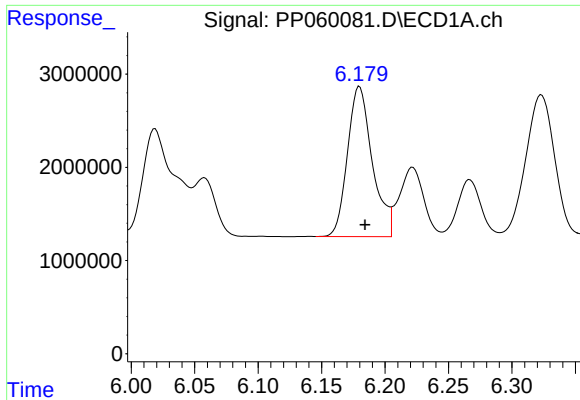
#6 AR-1016-4

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 21109537
Conc: 431.10 ng/ml



#6 AR-1016-4

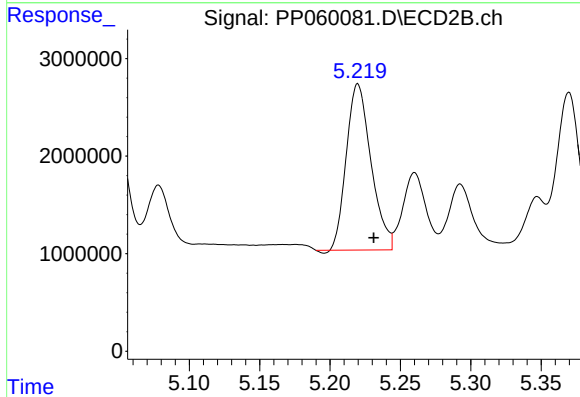
R.T.: 5.003 min
Delta R.T.: -0.011 min
Response: 13671755
Conc: 387.53 ng/ml



#7 AR-1016-5

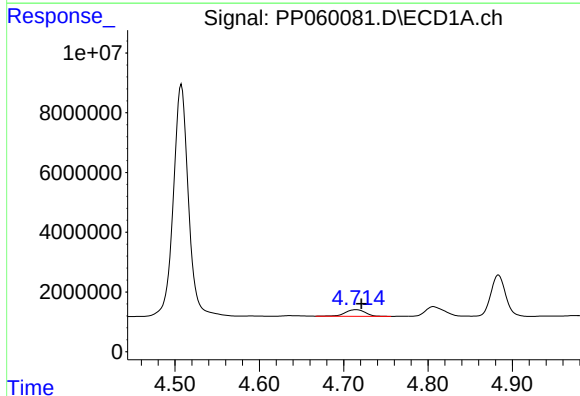
R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 21953744
Conc: 446.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



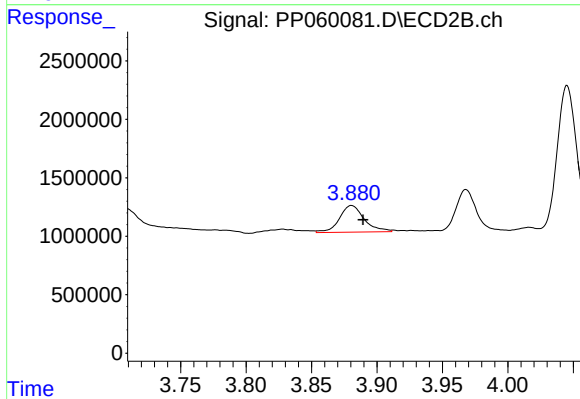
#7 AR-1016-5

R.T.: 5.220 min
Delta R.T.: -0.011 min
Response: 20771771
Conc: 446.74 ng/ml



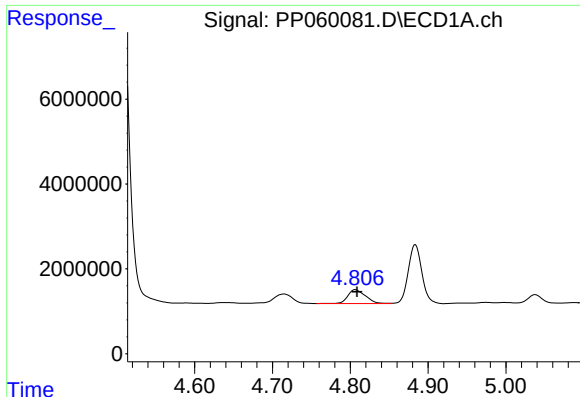
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: -0.006 min
Response: 3720376
Conc: 139.95 ng/ml



#8 AR-1221-1

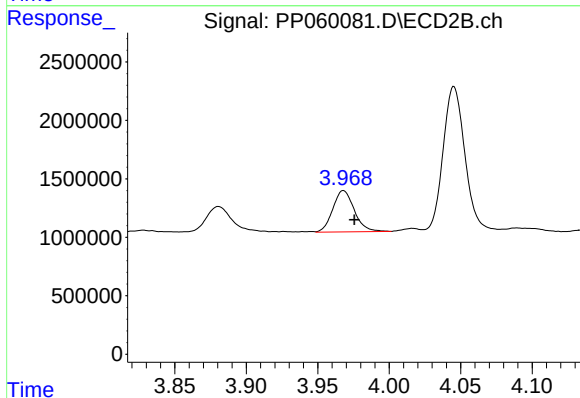
R.T.: 3.881 min
Delta R.T.: -0.009 min
Response: 3023572
Conc: 137.66 ng/ml



#9 AR-1221-2

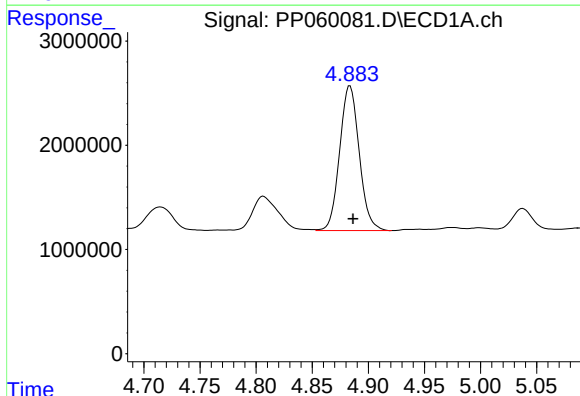
R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 5207186
Conc: 264.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



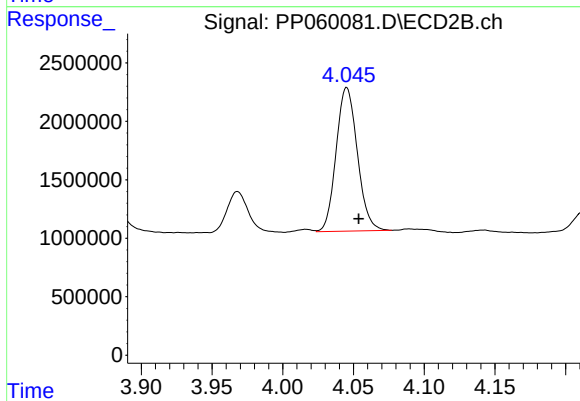
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: -0.008 min
Response: 3703255
Conc: 239.87 ng/ml



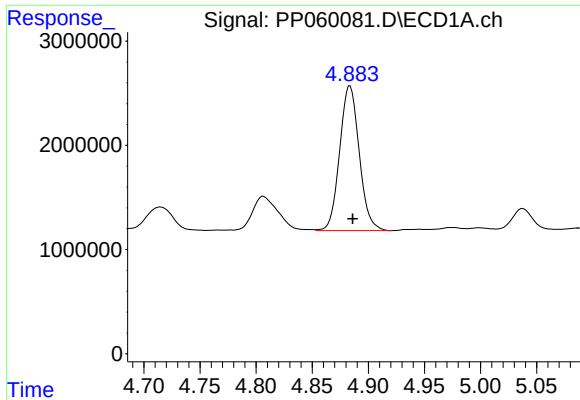
#10 AR-1221-3

R.T.: 4.884 min
Delta R.T.: -0.003 min
Response: 16847470
Conc: 294.95 ng/ml



#10 AR-1221-3

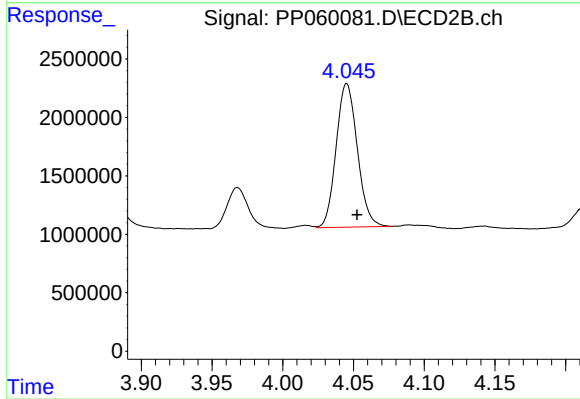
R.T.: 4.045 min
Delta R.T.: -0.009 min
Response: 12825685
Conc: 273.45 ng/ml



#11 AR-1232-1

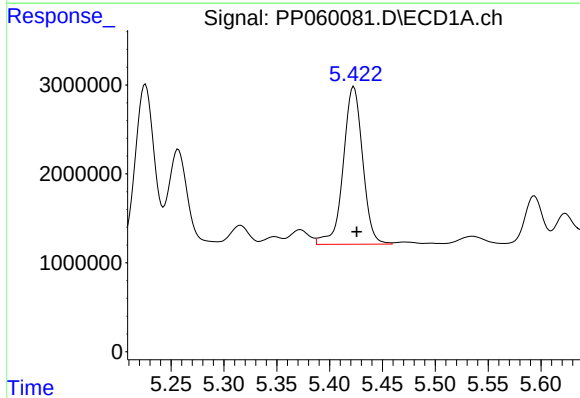
R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 16847470
Conc: 361.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



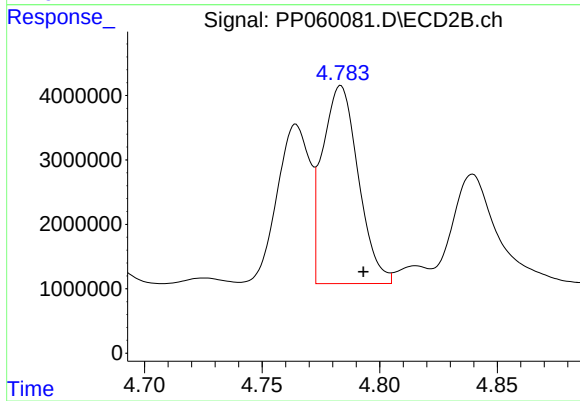
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.007 min
Response: 12825685
Conc: 337.40 ng/ml



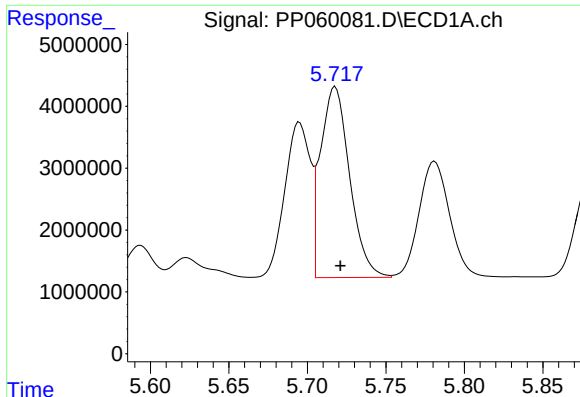
#12 AR-1232-2

R.T.: 5.423 min
Delta R.T.: -0.003 min
Response: 22671222
Conc: 892.61 ng/ml



#12 AR-1232-2

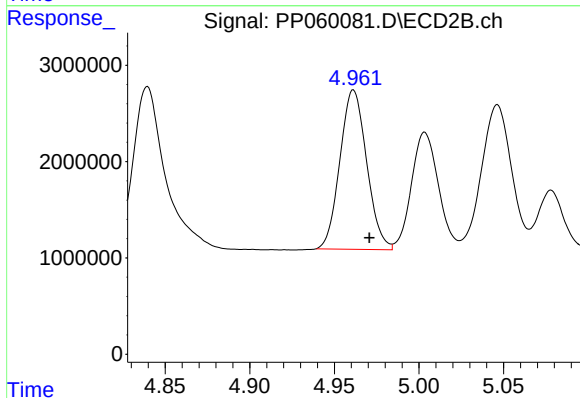
R.T.: 4.784 min
Delta R.T.: -0.010 min
Response: 32587200
Conc: 883.77 ng/ml



#13 AR-1232-3

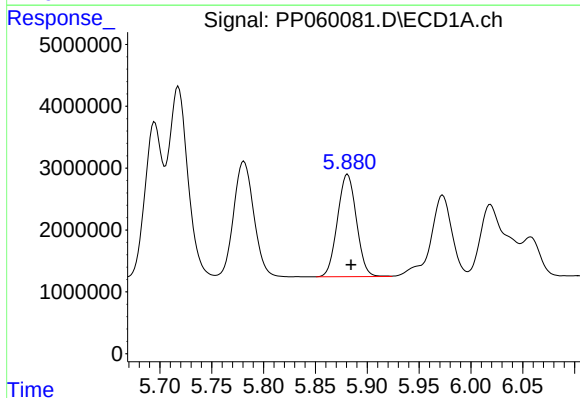
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 39865374
Conc: 922.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



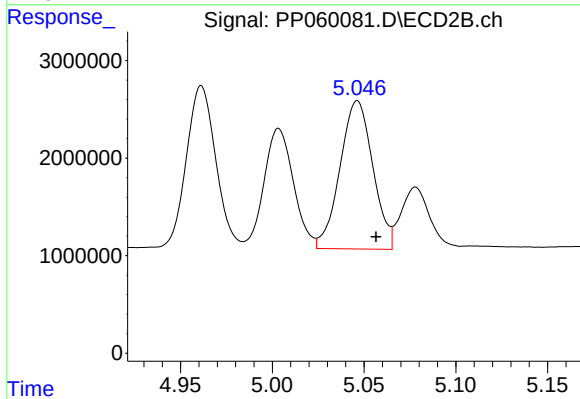
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 18222594
Conc: 910.06 ng/ml



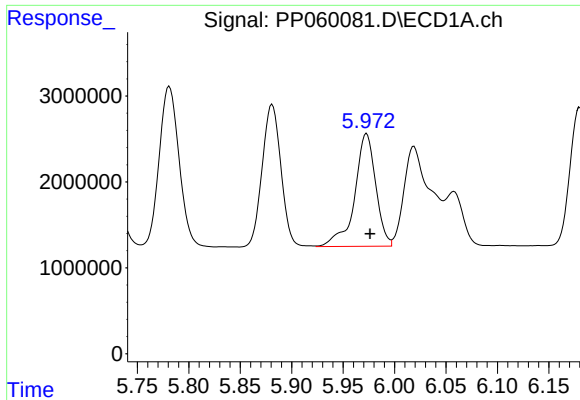
#14 AR-1232-4

R.T.: 5.881 min
Delta R.T.: -0.003 min
Response: 21109537
Conc: 955.06 ng/ml



#14 AR-1232-4

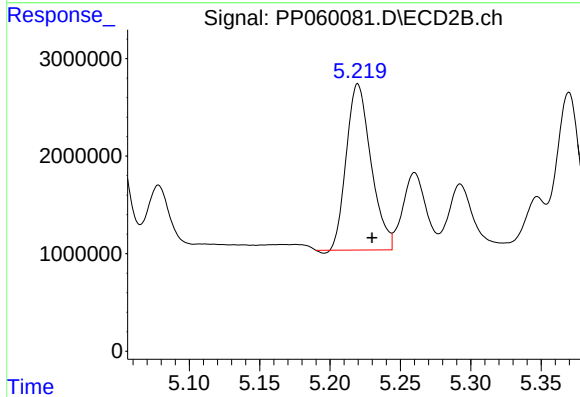
R.T.: 5.046 min
Delta R.T.: -0.010 min
Response: 18936971
Conc: 1036.70 ng/ml



#15 AR-1232-5

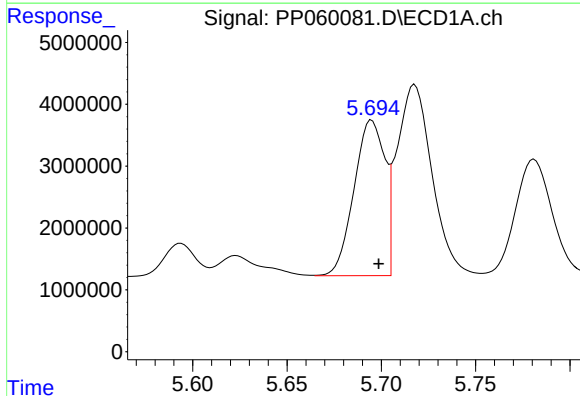
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 18715149
Conc: 1020.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



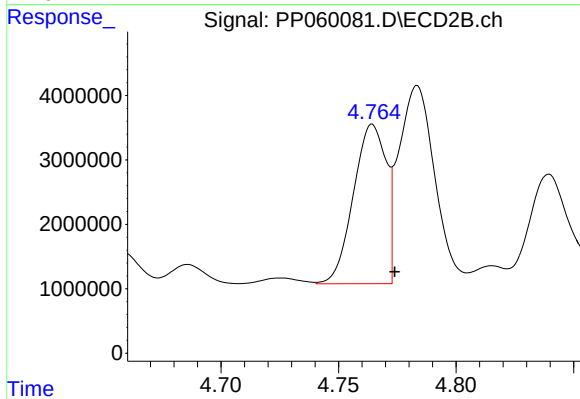
#15 AR-1232-5

R.T.: 5.220 min
Delta R.T.: -0.010 min
Response: 20771771
Conc: 1036.04 ng/ml



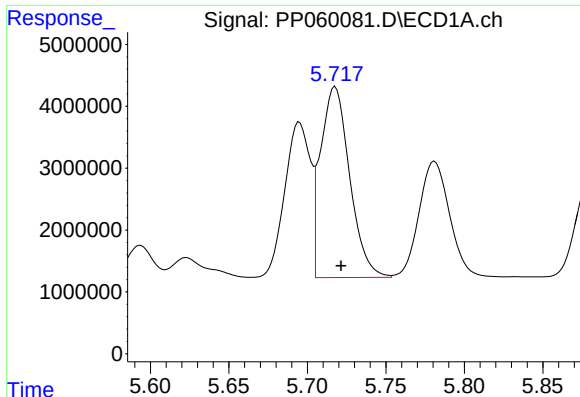
#16 AR-1242-1

R.T.: 5.695 min
Delta R.T.: -0.004 min
Response: 28479325
Conc: 476.84 ng/ml



#16 AR-1242-1

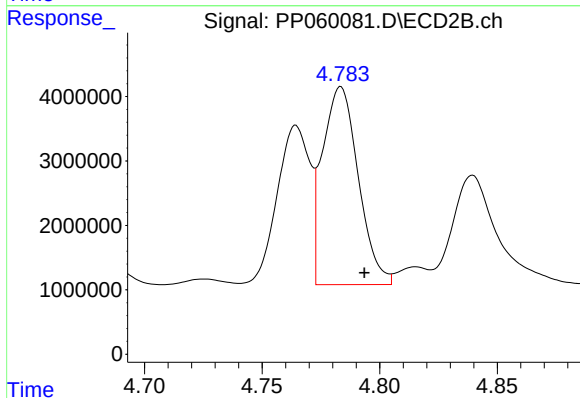
R.T.: 4.764 min
Delta R.T.: -0.010 min
Response: 23986233
Conc: 455.48 ng/ml



#17 AR-1242-2

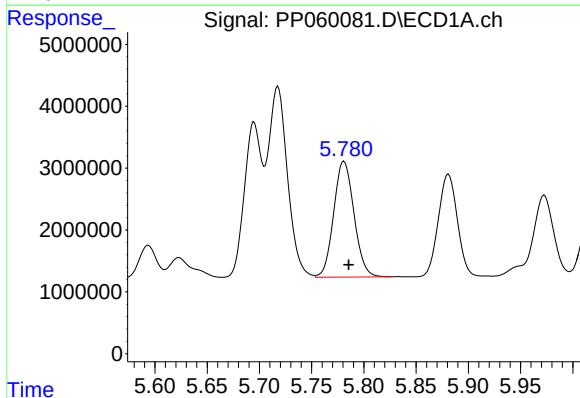
R.T.: 5.718 min
Delta R.T.: -0.004 min
Response: 39865374
Conc: 474.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



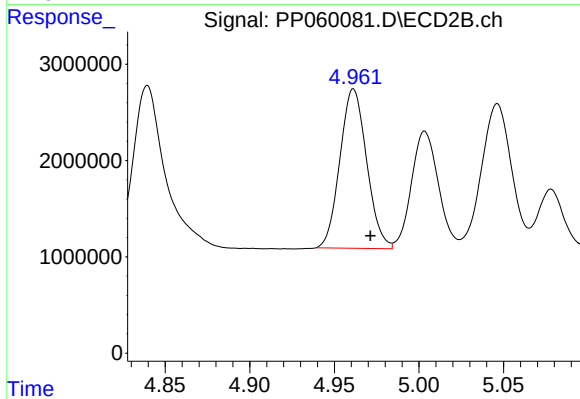
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: -0.010 min
Response: 32587200
Conc: 452.25 ng/ml



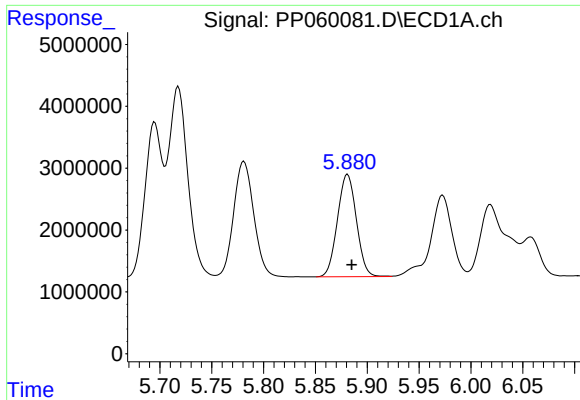
#18 AR-1242-3

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 25336952
Conc: 484.44 ng/ml



#18 AR-1242-3

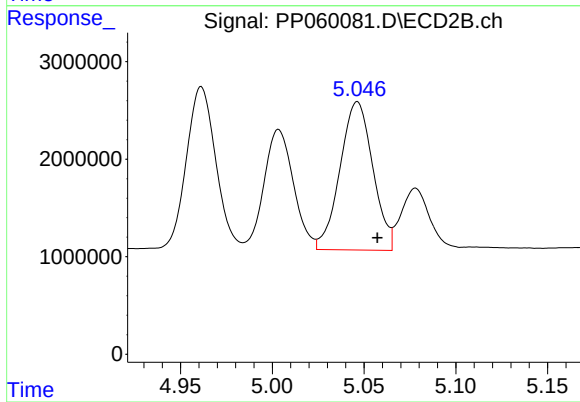
R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 18222594
Conc: 465.65 ng/ml



#19 AR-1242-4

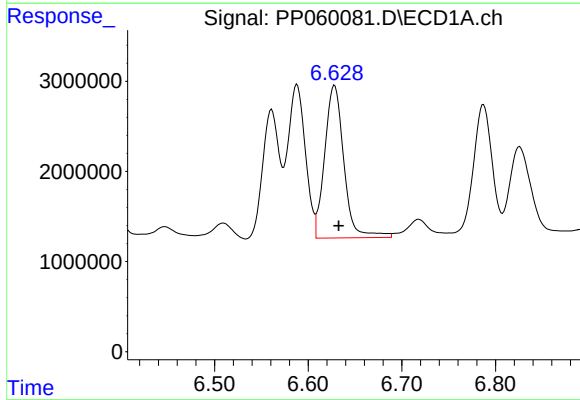
R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 21109537
Conc: 489.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



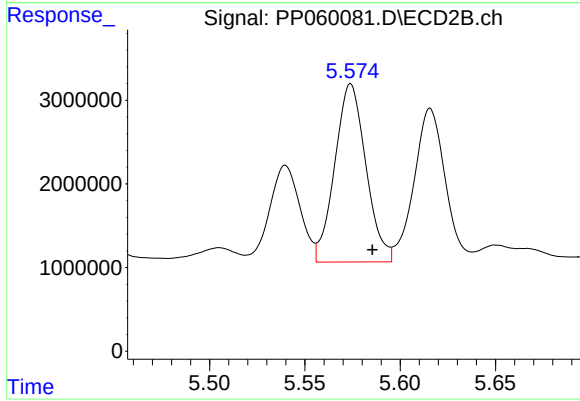
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.011 min
Response: 18936971
Conc: 483.22 ng/ml



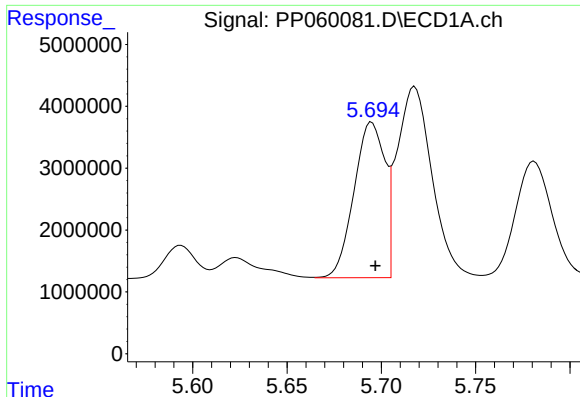
#20 AR-1242-5

R.T.: 6.628 min
Delta R.T.: -0.005 min
Response: 24063522
Conc: 526.33 ng/ml



#20 AR-1242-5

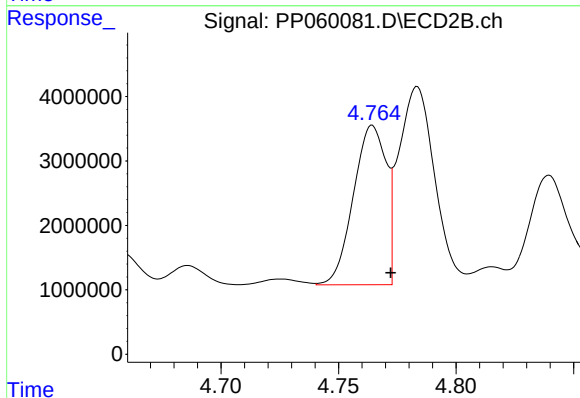
R.T.: 5.574 min
Delta R.T.: -0.011 min
Response: 24247024
Conc: 501.18 ng/ml



#21 AR-1248-1

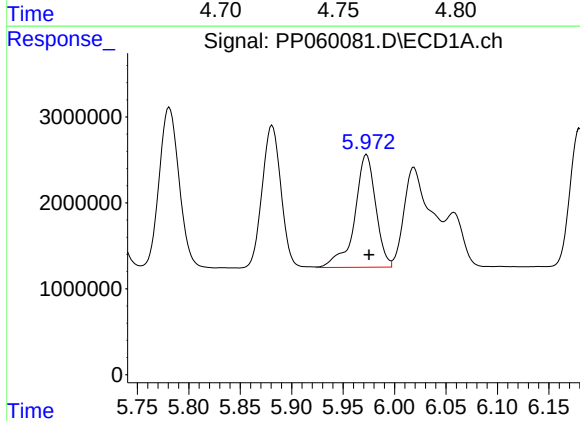
R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 28479325
Conc: 637.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



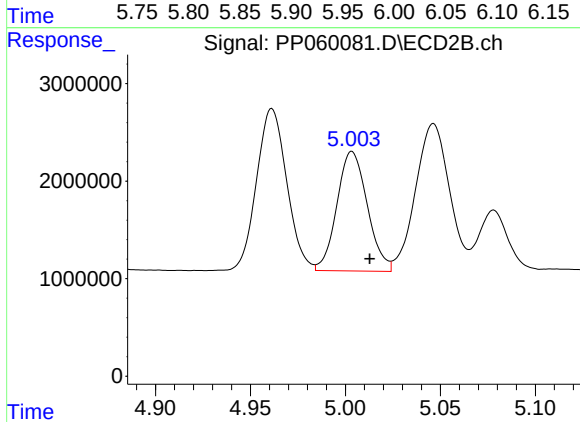
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: -0.008 min
Response: 23986233
Conc: 613.89 ng/ml



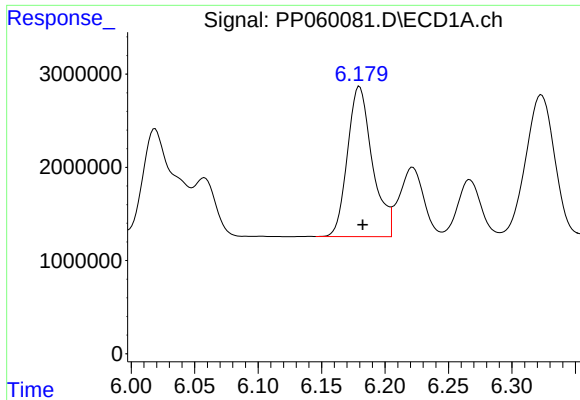
#22 AR-1248-2

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 18715149
Conc: 288.98 ng/ml



#22 AR-1248-2

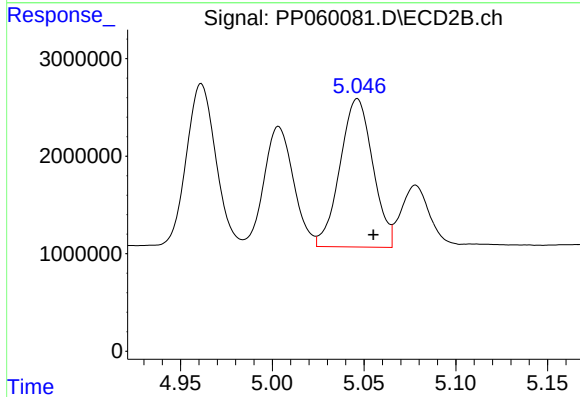
R.T.: 5.003 min
Delta R.T.: -0.009 min
Response: 13671755
Conc: 252.32 ng/ml



#23 AR-1248-3

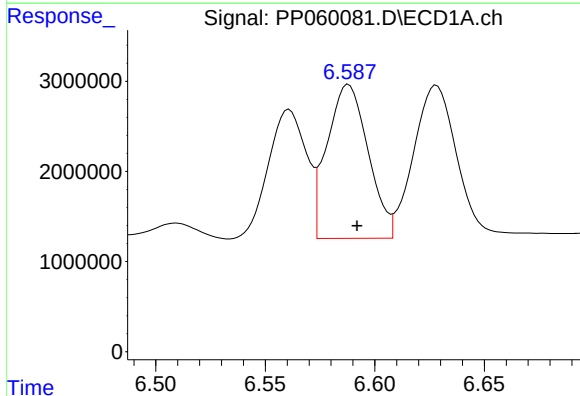
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 21953744
Conc: 309.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



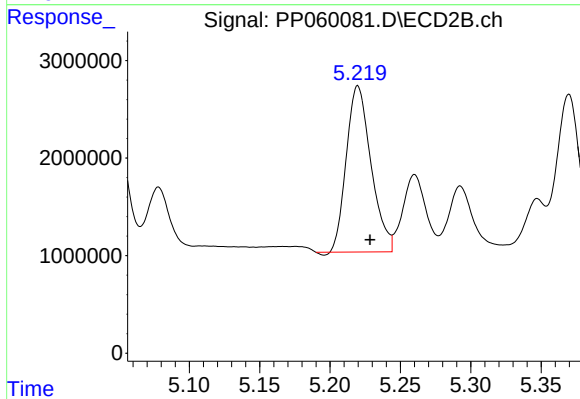
#23 AR-1248-3

R.T.: 5.046 min
Delta R.T.: -0.009 min
Response: 18936971
Conc: 332.81 ng/ml



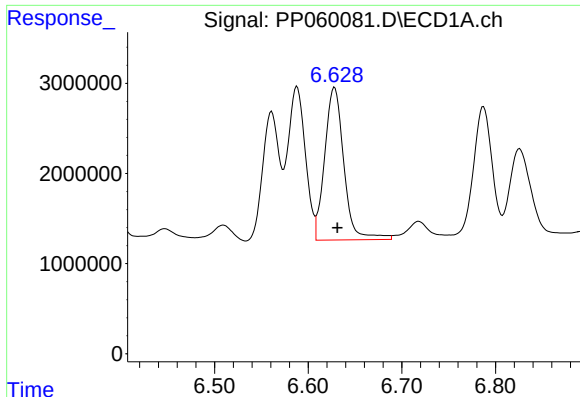
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 22234711
Conc: 287.48 ng/ml



#24 AR-1248-4

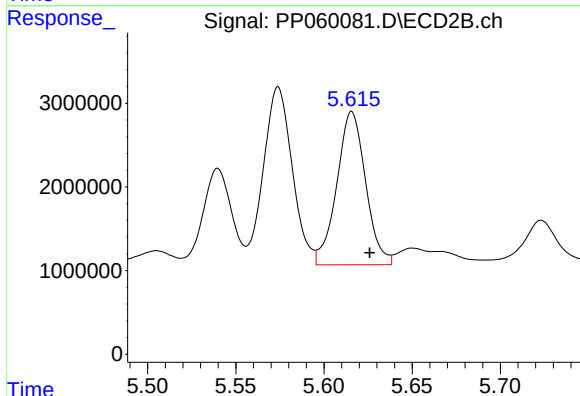
R.T.: 5.220 min
Delta R.T.: -0.009 min
Response: 20771771
Conc: 309.27 ng/ml



#25 AR-1248-5

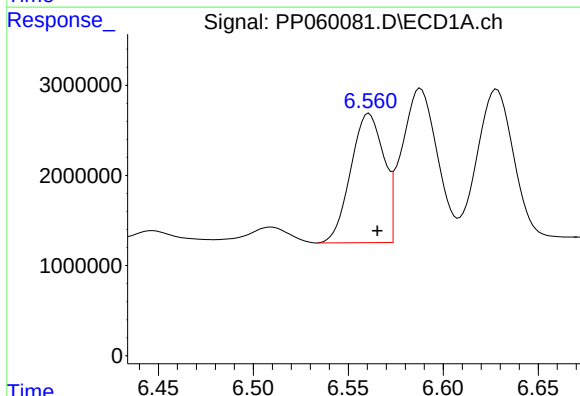
R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 24063522
Conc: 319.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



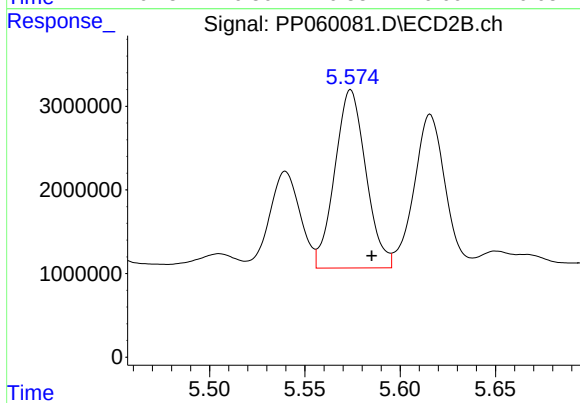
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: -0.010 min
Response: 20883691
Conc: 316.59 ng/ml



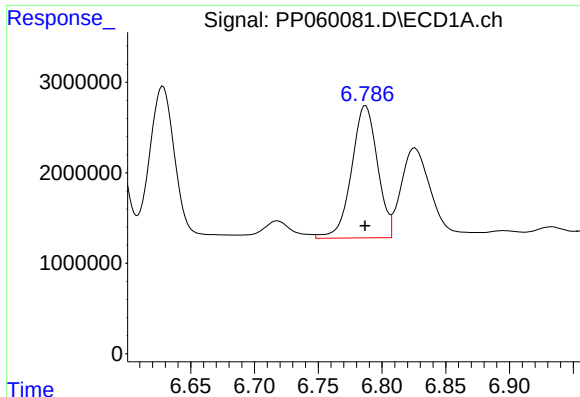
#26 AR-1254-1

R.T.: 6.561 min
Delta R.T.: -0.004 min
Response: 17367946
Conc: 217.54 ng/ml



#26 AR-1254-1

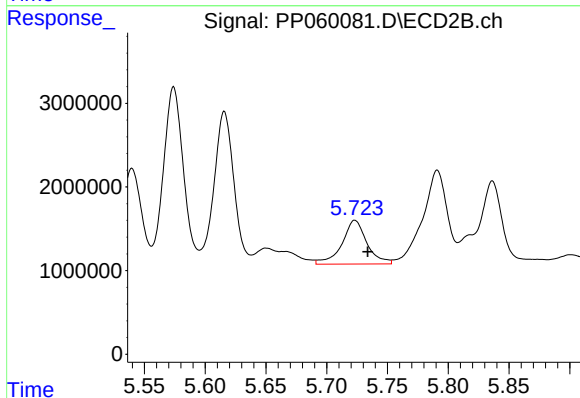
R.T.: 5.574 min
Delta R.T.: -0.011 min
Response: 24247024
Conc: 241.61 ng/ml



#27 AR-1254-2

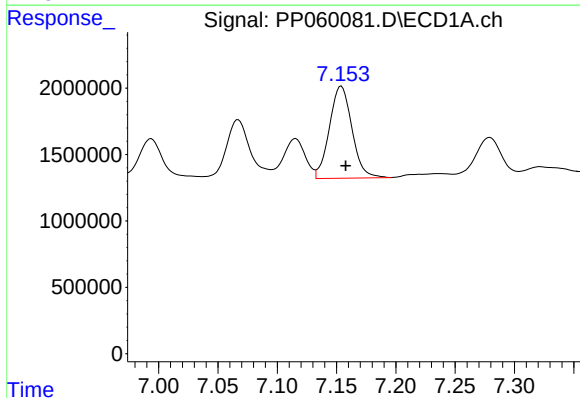
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 20680051
Conc: 172.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



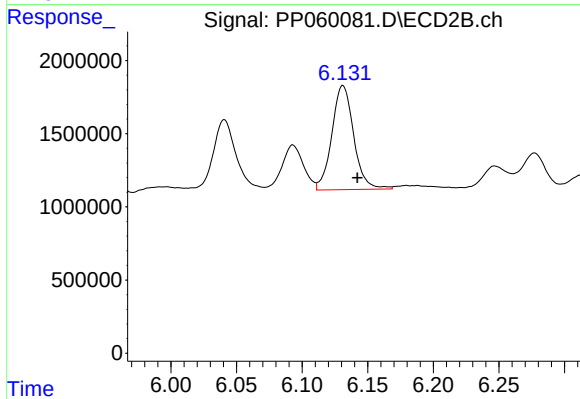
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.011 min
Response: 7468973
Conc: 85.97 ng/ml



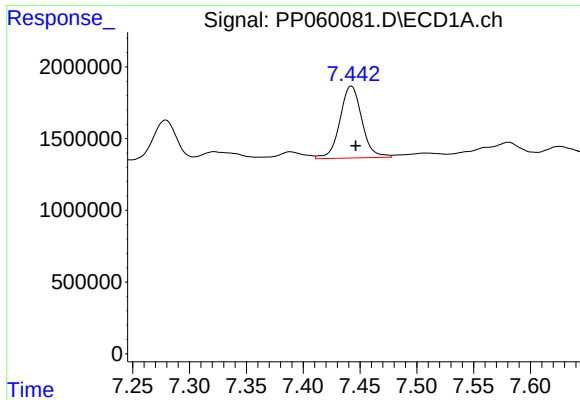
#28 AR-1254-3

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 9191843
Conc: 75.67 ng/ml



#28 AR-1254-3

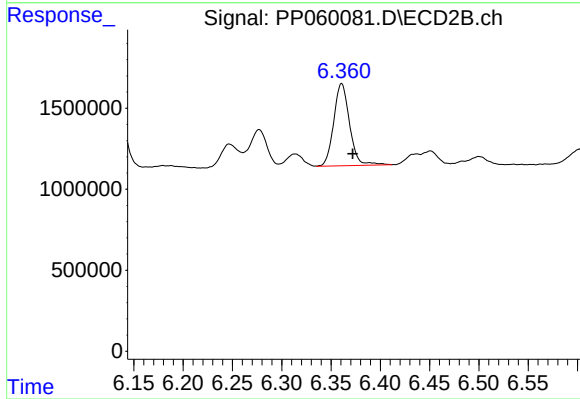
R.T.: 6.131 min
Delta R.T.: -0.011 min
Response: 8249313
Conc: 58.76 ng/ml



#29 AR-1254-4

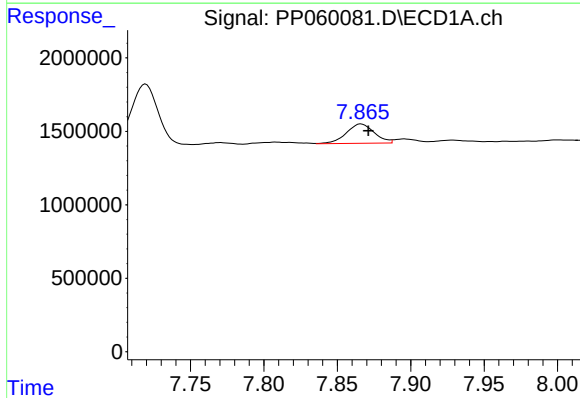
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 6746122
Conc: 75.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



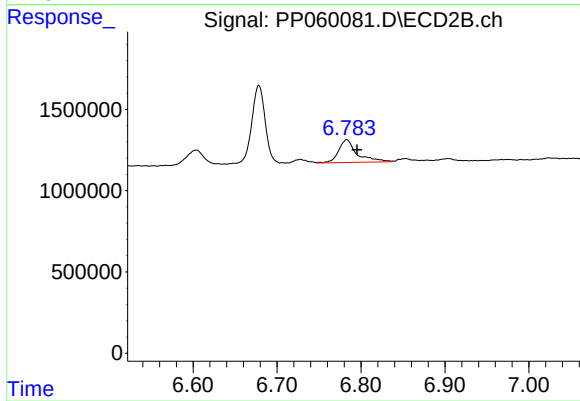
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: -0.011 min
Response: 5673924
Conc: 67.41 ng/ml



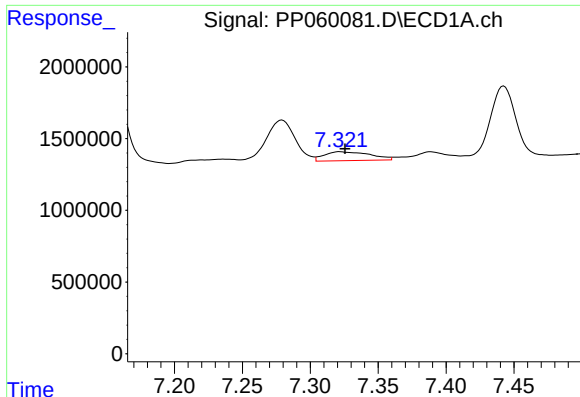
#30 AR-1254-5

R.T.: 7.866 min
Delta R.T.: -0.005 min
Response: 1736893
Conc: 17.86 ng/ml



#30 AR-1254-5

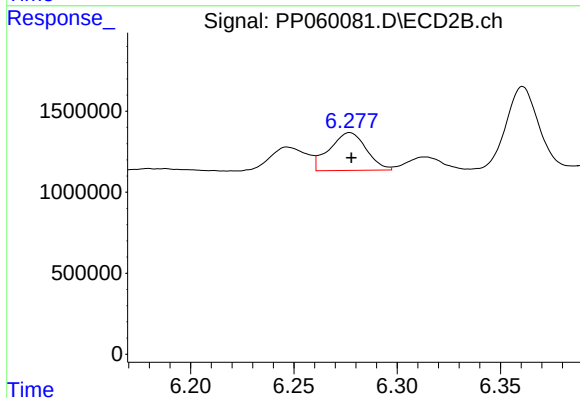
R.T.: 6.783 min
Delta R.T.: -0.012 min
Response: 2128296
Conc: 17.94 ng/ml



#31 AR-1260-1

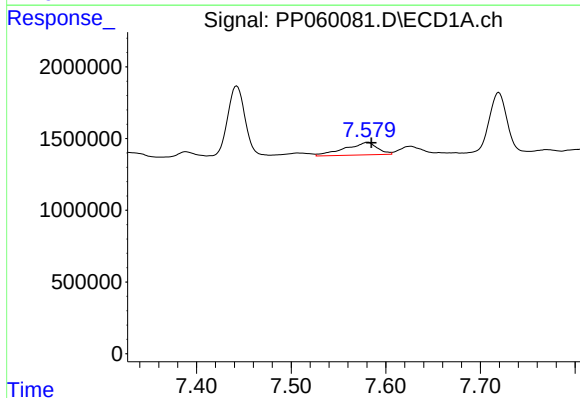
R.T.: 7.322 min
Delta R.T.: -0.004 min
Response: 1449854
Conc: 16.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



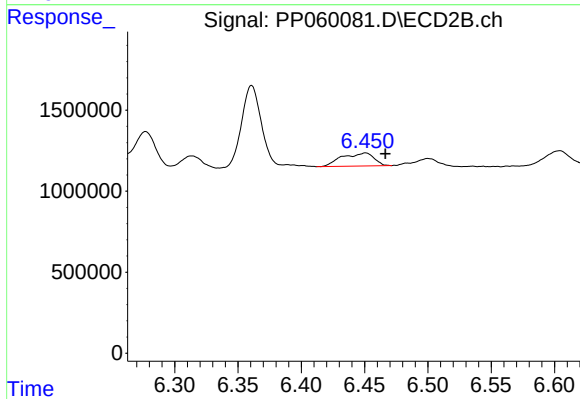
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2896504
Conc: 31.11 ng/ml



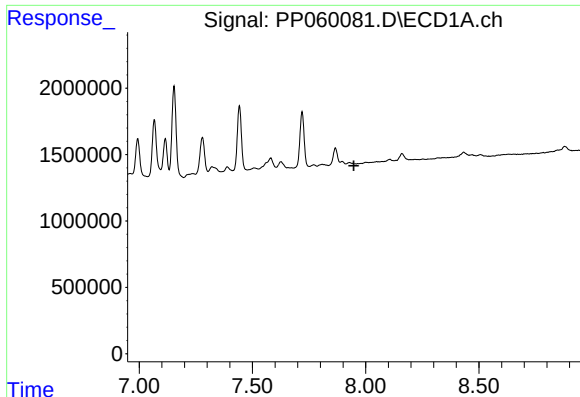
#32 AR-1260-2

R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 2099901
Conc: 20.47 ng/ml



#32 AR-1260-2

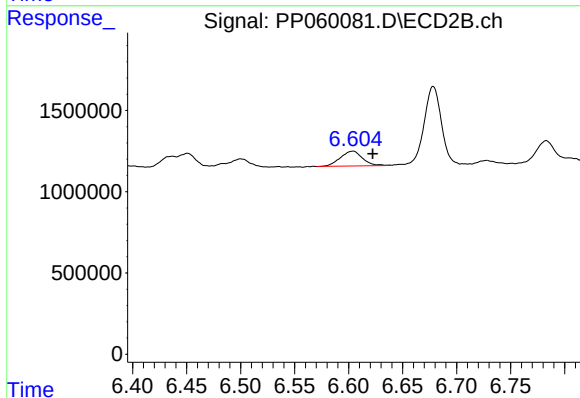
R.T.: 6.451 min
Delta R.T.: -0.016 min
Response: 1427729
Conc: 13.02 ng/ml



#33 AR-1260-3

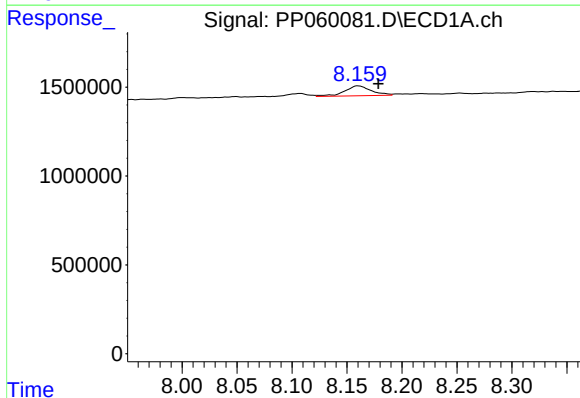
R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



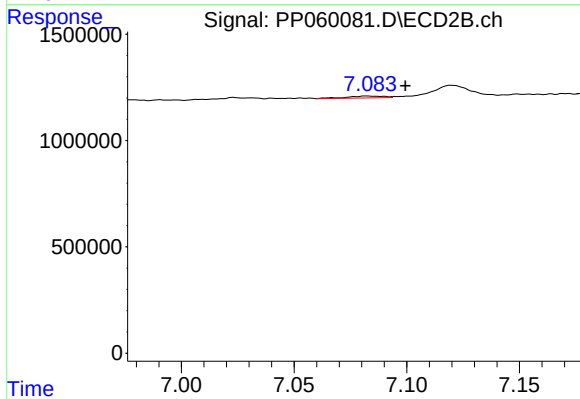
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: -0.018 min
Response: 1307920
Conc: 12.72 ng/ml



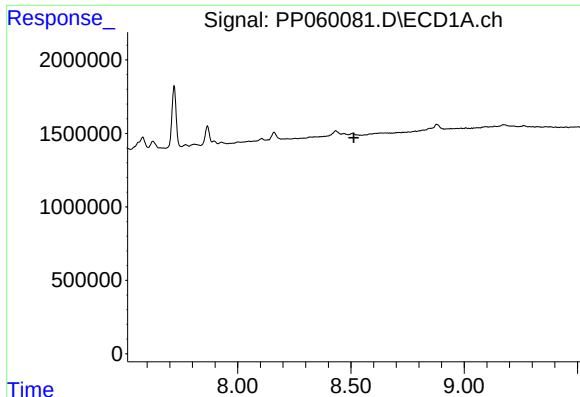
#34 AR-1260-4

R.T.: 8.160 min
Delta R.T.: -0.018 min
Response: 944157
Conc: 10.54 ng/ml



#34 AR-1260-4

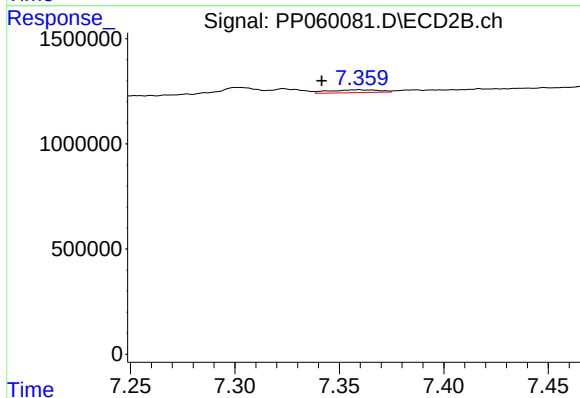
R.T.: 7.082 min
Delta R.T.: -0.017 min
Response: 110168
Conc: 1.32 ng/ml



#35 AR-1260-5

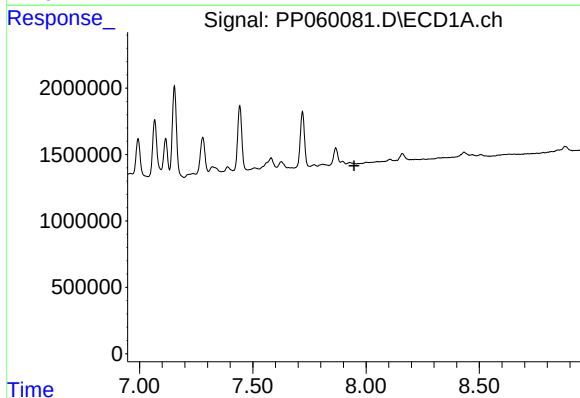
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



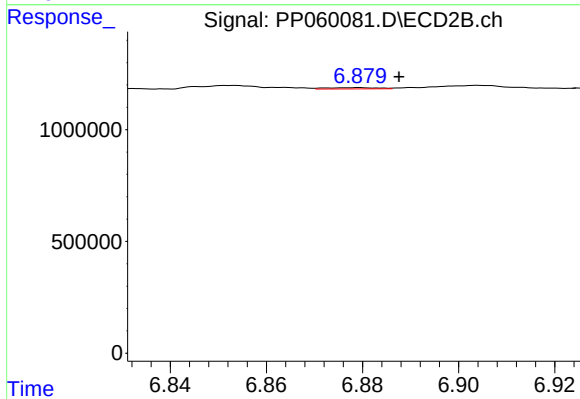
#35 AR-1260-5

R.T.: 7.359 min
Delta R.T.: 0.018 min
Response: 224725
Conc: 1.17 ng/ml



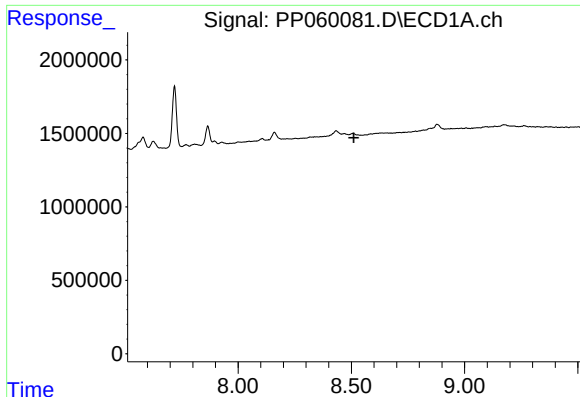
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.947 min
Response: 0
Conc: N.D.



#36 AR-1262-1

R.T.: 6.879 min
Delta R.T.: -0.008 min
Response: 44621
Conc: 0.88 ng/ml



#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :

#37 AR-1262-2

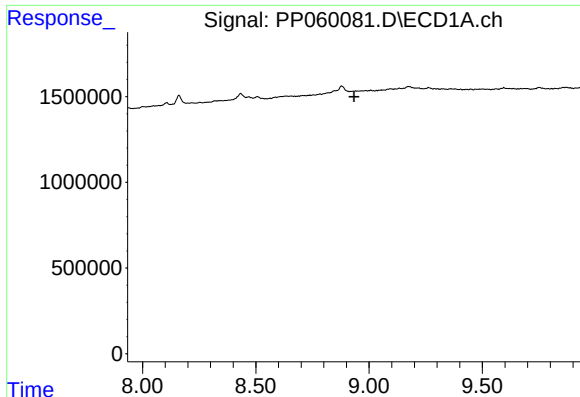
R.T.: 7.082 min
Delta R.T.: -0.014 min
Response: 110168
Conc: 0.98 ng/ml

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.

#38 AR-1262-3

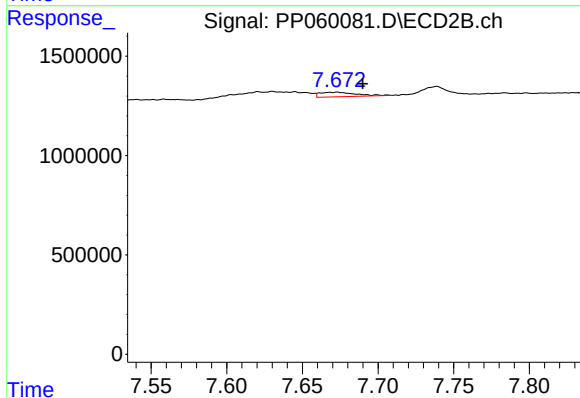
R.T.: 7.630 min
Delta R.T.: 0.004 min
Response: 1096917
Conc: 12.51 ng/ml



#39 AR-1262-4

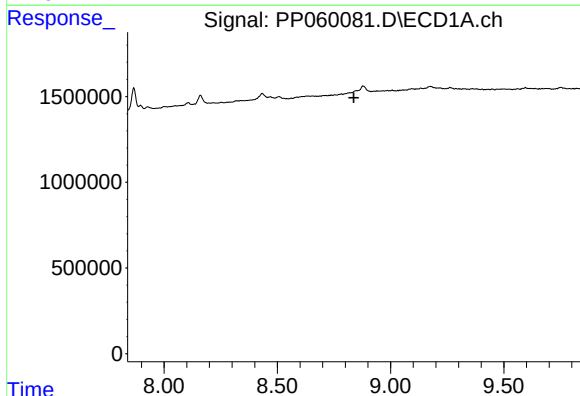
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



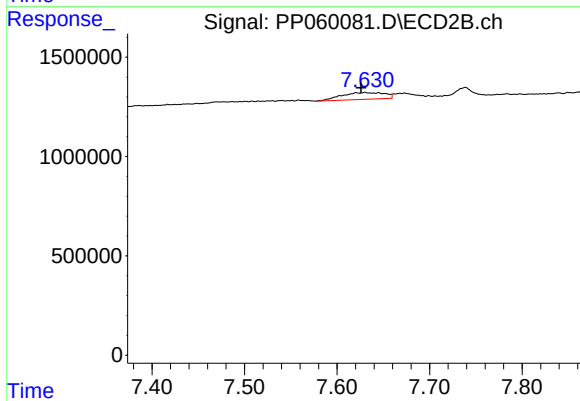
#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 379475
Conc: 2.32 ng/ml



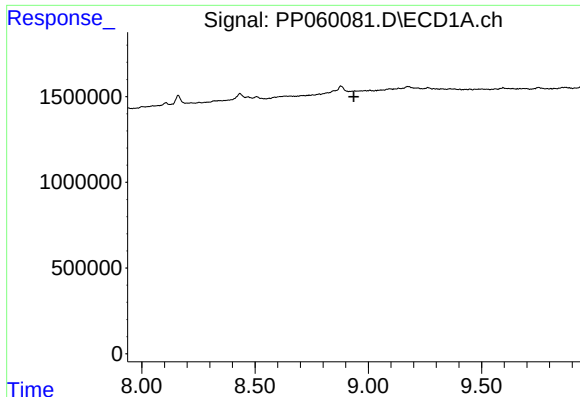
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.



#41 AR-1268-1

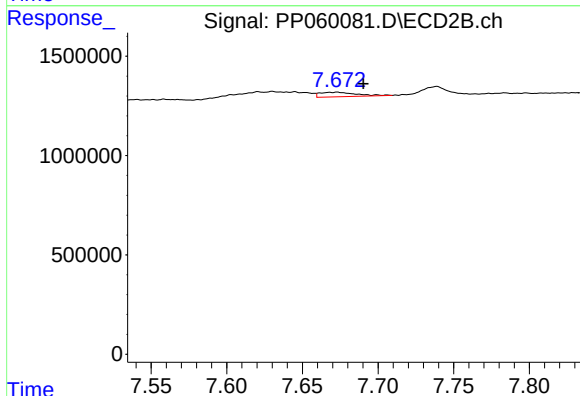
R.T.: 7.630 min
Delta R.T.: 0.004 min
Response: 1096917
Conc: 4.21 ng/ml



#42 AR-1268-2

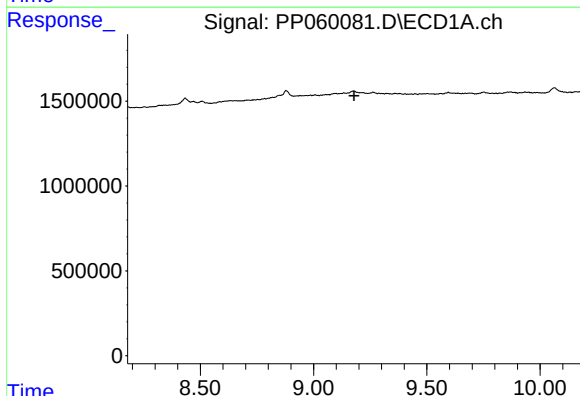
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



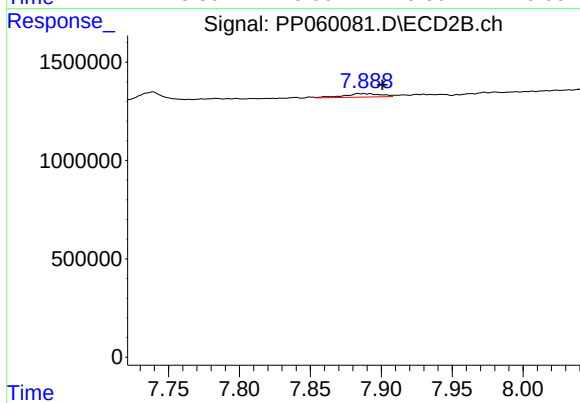
#42 AR-1268-2

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 379475
Conc: 1.64 ng/ml



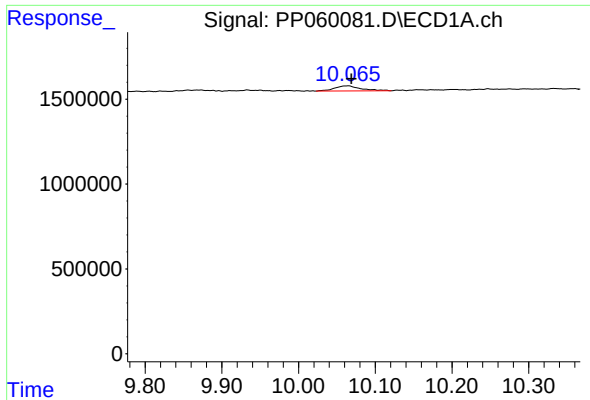
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

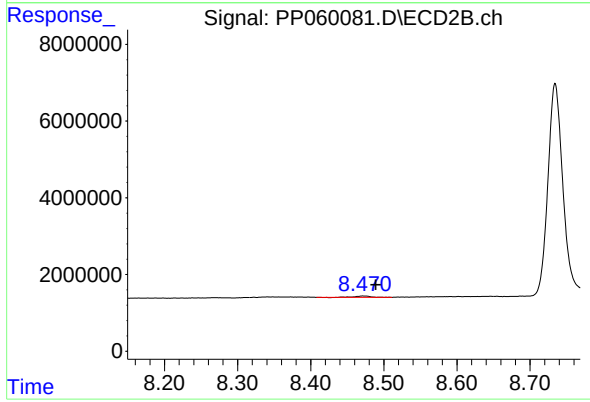
R.T.: 7.892 min
Delta R.T.: -0.009 min
Response: 314983
Conc: 1.54 ng/ml



#45 AR-1268-5

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 725341
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.471 min
Delta R.T.: -0.018 min
Response: 456091
Conc: 0.72 ng/ml