

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP013123\
 Data File : PP055137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 12:29
 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: Jan 31 20:34:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.329	3.576	88139200	76854624	50.692	51.195
2)	SA Decachlor...	10.083	8.588	89422008	70950816	51.639	52.534
Target Compounds							
3)	L1 AR-1016-1	5.500	4.660	27490951	20769286	409.030	419.633
4)	L1 AR-1016-2	5.522	4.678	39443020	29237580	411.597	422.392
5)	L1 AR-1016-3	5.585	4.854	24767751	15839523	414.063	425.833
6)	L1 AR-1016-4	5.684	4.896	19341064	13165682	403.628	418.992
7)	L1 AR-1016-5	5.979	5.110	21025990	17272328	414.926	422.466
8)	L2 AR-1221-1	4.534	3.788	2824869	2456825	120.130	123.914
9)	L2 AR-1221-2	4.625	3.874	4359067	3487290	245.346	235.272
10)	L2 AR-1221-3	4.701	3.949	15185076	12911004	282.200	286.183
11)	L3 AR-1232-1	4.701	3.949	15185076	12911004	342.139	350.277
12)	L3 AR-1232-2	5.231	4.678	20668139	29237580	913.921	915.318
13)	L3 AR-1232-3	5.522	4.854	39443020	15839523	898.121	950.126
14)	L3 AR-1232-4	5.684	4.938	19341064	16662298	873.809	1033.249
15)	L3 AR-1232-5	5.776	5.110	18160046	17272328	1037.300	977.967
16)	L4 AR-1242-1	5.500	4.660	27490951	20769286	491.008	507.035
17)	L4 AR-1242-2	5.522	4.678	39443020	29237580	494.089	512.032
18)	L4 AR-1242-3	5.585	4.854	24767751	15839523	498.732	513.144
19)	L4 AR-1242-4	5.684	4.938	19341064	16662298	482.600	512.890
20)	L4 AR-1242-5	6.423	5.462	22011768	19103532	495.053	511.177
21)	L5 AR-1248-1	5.500	4.660	27490951	20769286	659.196	669.909
22)	L5 AR-1248-2	5.776	4.896	18160046	13165682	285.651	287.916
23)	L5 AR-1248-3	5.979	4.938	21025990	16662298	304.028	349.510
24)	L5 AR-1248-4	6.385	5.110	21080782	17272328	277.986	312.751
25)	L5 AR-1248-5	6.423	5.503	22011768	15777805	298.290	320.877
26)	L6 AR-1254-1	6.358	5.462	15627767	19103532	198.090	236.552
27)	L6 AR-1254-2	6.582	5.611	18694657	4903280	154.472	68.517 #
28)	L6 AR-1254-3	6.947	6.015	7605853	6454367	62.094	57.935
29)	L6 AR-1254-4	7.233	6.245	5804656	4219199	65.878	68.597
30)	L6 AR-1254-5	7.655	6.664	2304586	1466056	22.781	15.464 #
31)	L7 AR-1260-1	7.111	6.160	922822	2229313	9.681	28.749 #
32)	L7 AR-1260-2	7.368	6.334	1289568	703929	11.458	7.830 #
33)	L7 AR-1260-3	0.000	6.488	0	674812	N.D.	7.947 #
34)	L7 AR-1260-4	7.945f	6.958	1687329	82276	17.381	1.149 #
35)	L7 AR-1260-5	8.272	7.204	590855	108911	3.322	0.708 #
36)	L8 AR-1262-1	0.000	6.783f	0	16421	N.D.	0.382 #
37)	L8 AR-1262-2	8.272	6.958	590855	82276	2.934	0.888 #
38)	L8 AR-1262-3	8.592	7.516f	12208	232380	0.088	3.189 #
39)	L8 AR-1262-4	0.000	7.549	0	269366	N.D.	2.060 #
41)	L9 AR-1268-1	8.592	7.516f	12208	232380	0.050	1.075 #
42)	L9 AR-1268-2	0.000	7.549	0	269366	N.D.	1.380 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

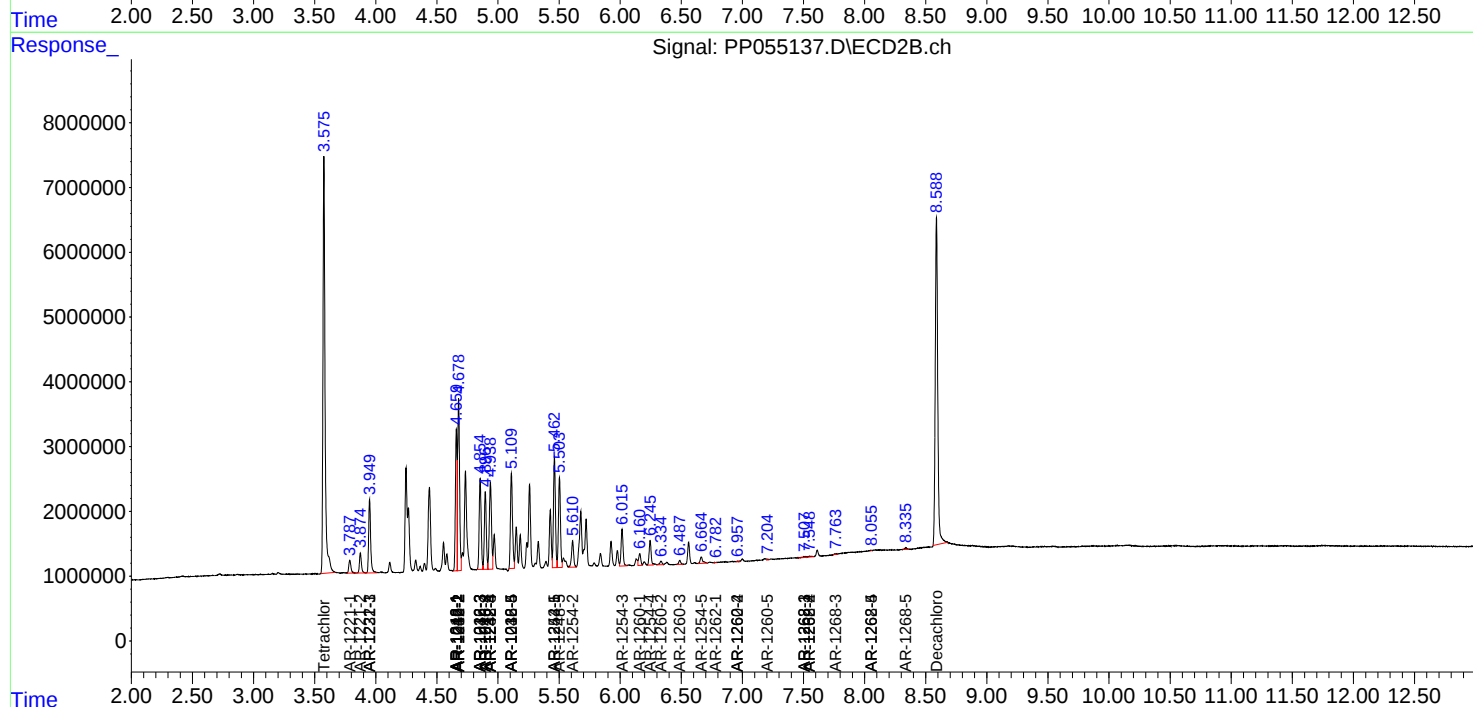
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

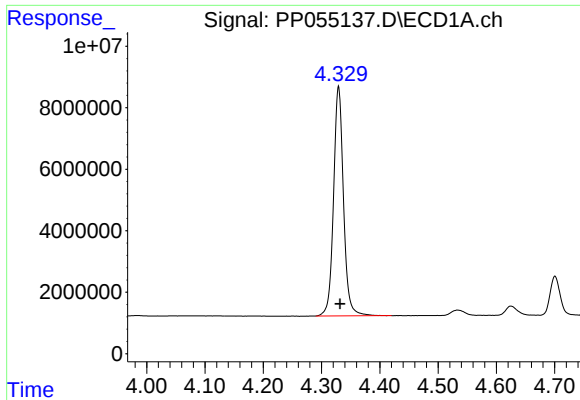
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.899	7.763	516204	131314	2.584	0.765 #
45) L9	AR-1268-5	9.746	8.336	358080	293407	0.563	0.557

(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

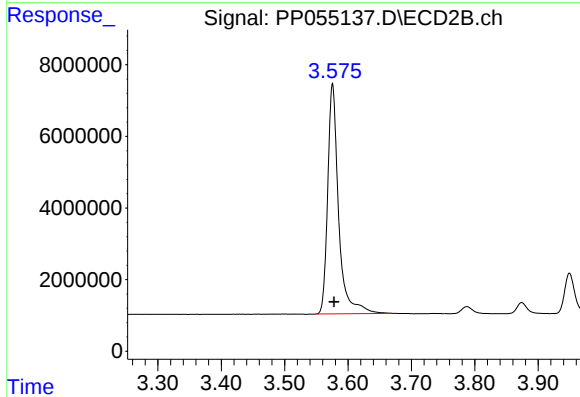




#1 Tetrachloro-m-xylene

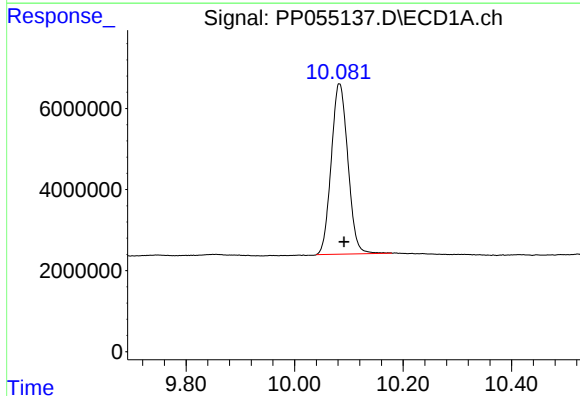
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 88139200
Conc: 50.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



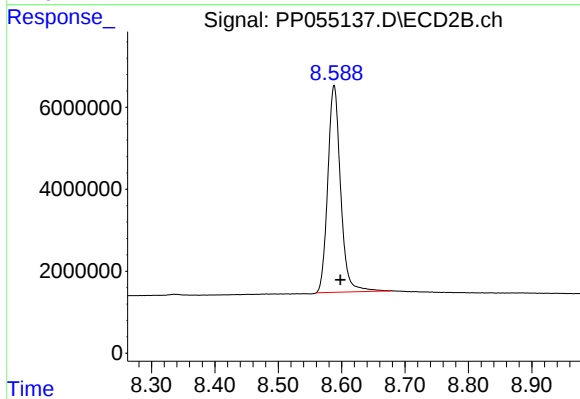
#1 Tetrachloro-m-xylene

R.T.: 3.576 min
Delta R.T.: -0.003 min
Response: 76854624
Conc: 51.20 ng/ml



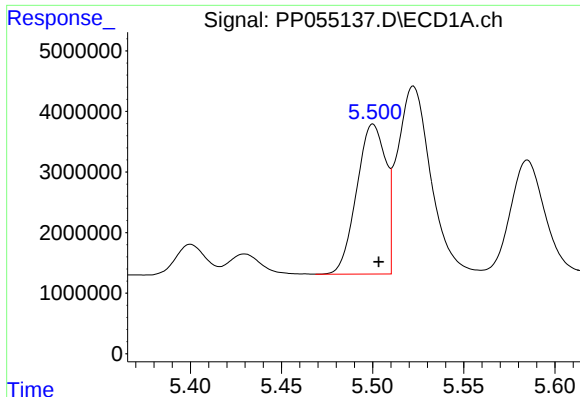
#2 Decachlorobiphenyl

R.T.: 10.083 min
Delta R.T.: -0.008 min
Response: 89422008
Conc: 51.64 ng/ml



#2 Decachlorobiphenyl

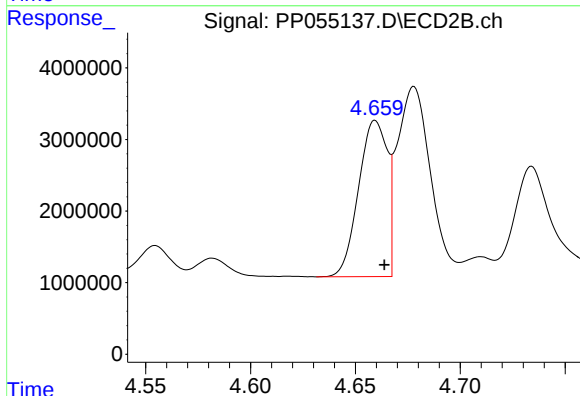
R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 70950816
Conc: 52.53 ng/ml



#3 AR-1016-1

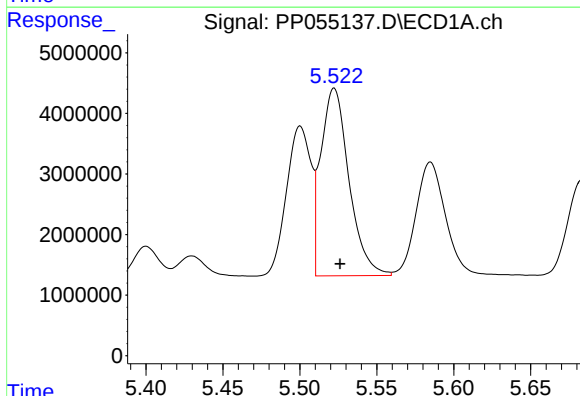
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 27490951
Conc: 409.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



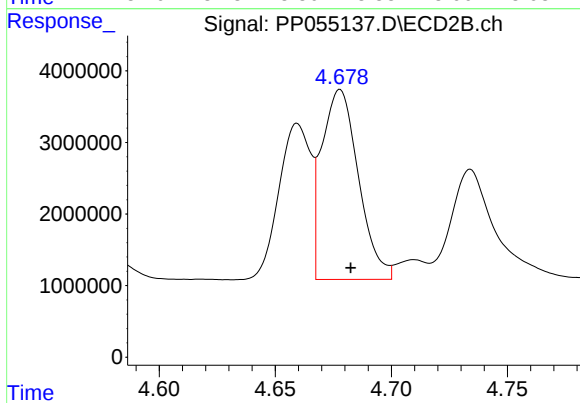
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 20769286
Conc: 419.63 ng/ml



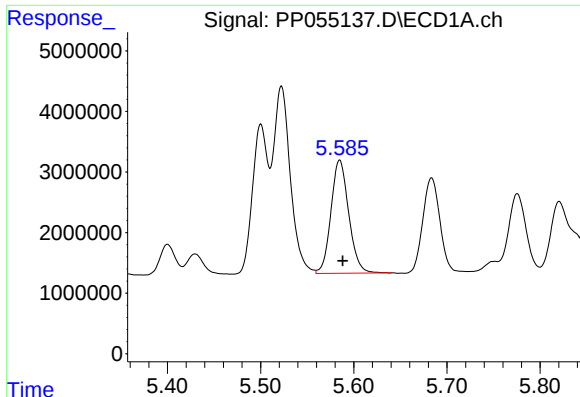
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 39443020
Conc: 411.60 ng/ml



#4 AR-1016-2

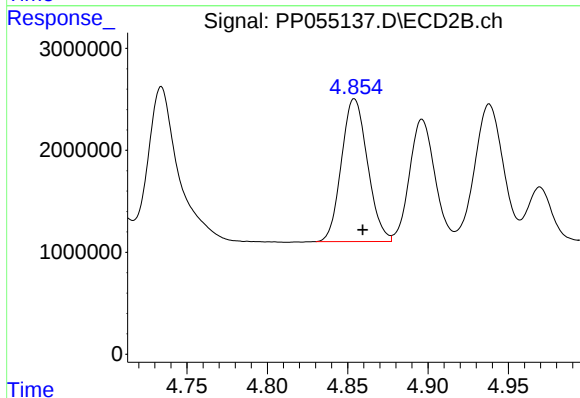
R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 29237580
Conc: 422.39 ng/ml



#5 AR-1016-3

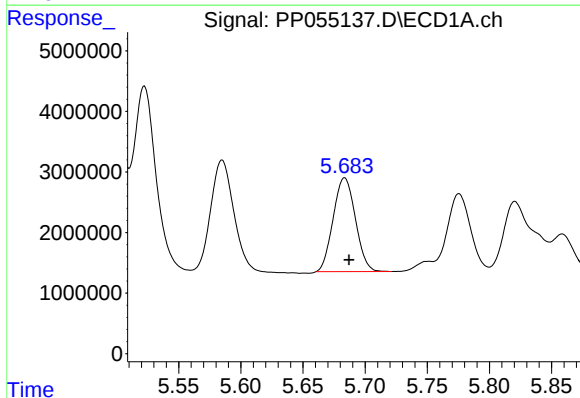
R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 24767751
Conc: 414.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



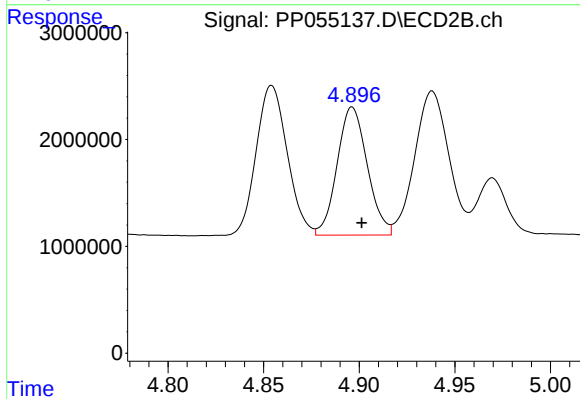
#5 AR-1016-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 15839523
Conc: 425.83 ng/ml



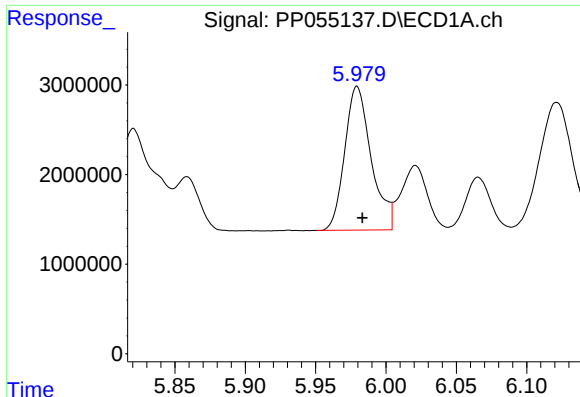
#6 AR-1016-4

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 19341064
Conc: 403.63 ng/ml



#6 AR-1016-4

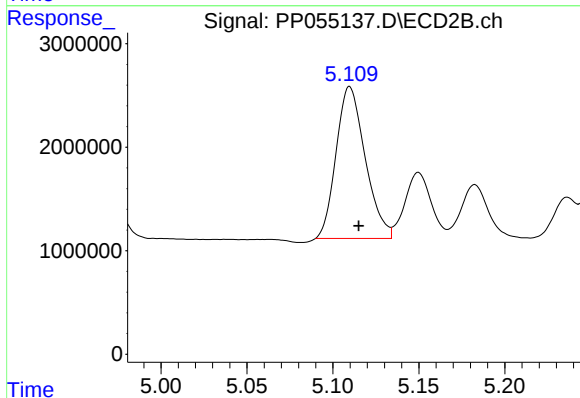
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 13165682
Conc: 418.99 ng/ml



#7 AR-1016-5

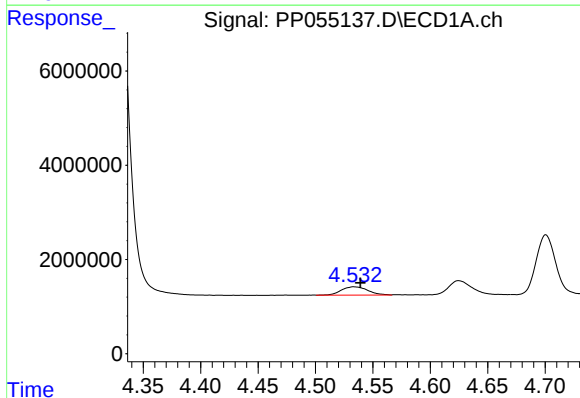
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 21025990
Conc: 414.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



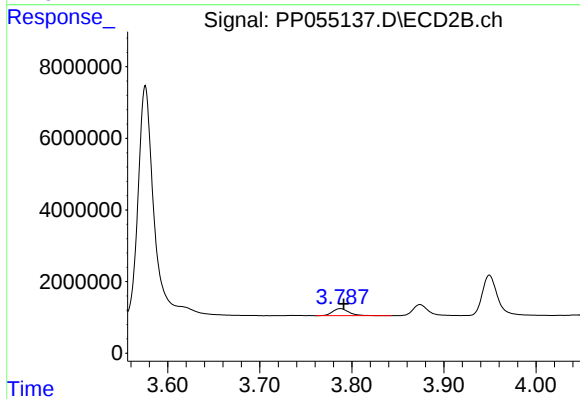
#7 AR-1016-5

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 17272328
Conc: 422.47 ng/ml



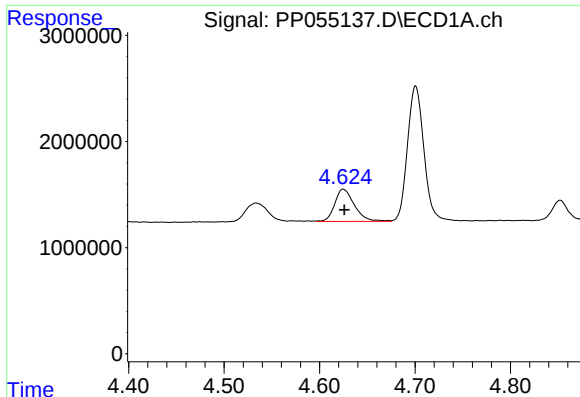
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: -0.006 min
Response: 2824869
Conc: 120.13 ng/ml



#8 AR-1221-1

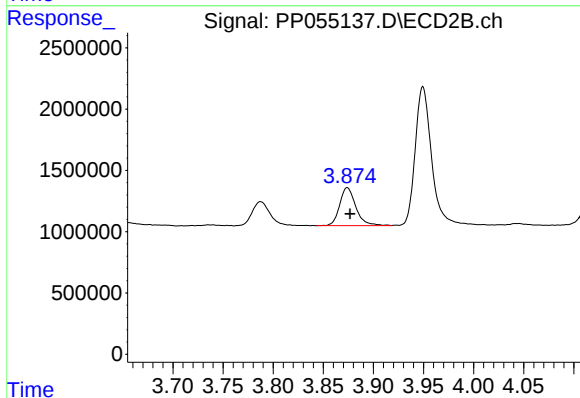
R.T.: 3.788 min
Delta R.T.: -0.004 min
Response: 2456825
Conc: 123.91 ng/ml



#9 AR-1221-2

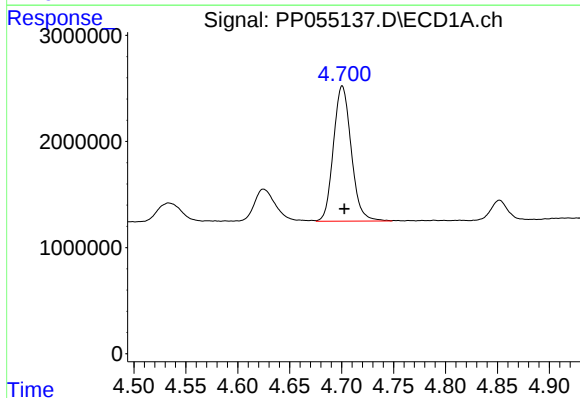
R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 4359067
Conc: 245.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



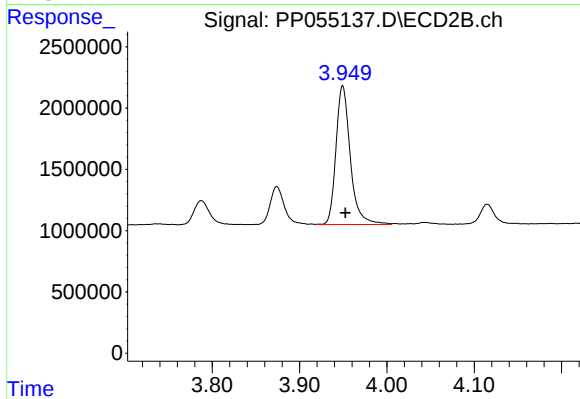
#9 AR-1221-2

R.T.: 3.874 min
Delta R.T.: -0.003 min
Response: 3487290
Conc: 235.27 ng/ml



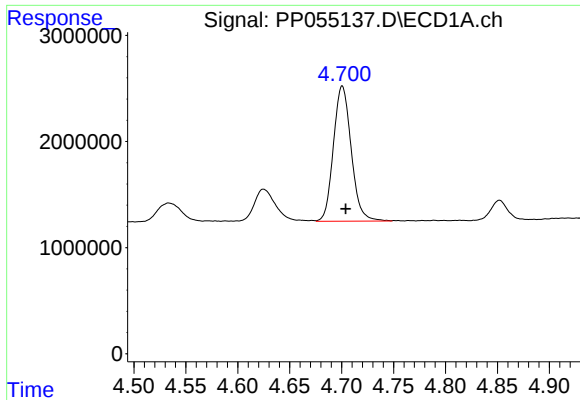
#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 15185076
Conc: 282.20 ng/ml



#10 AR-1221-3

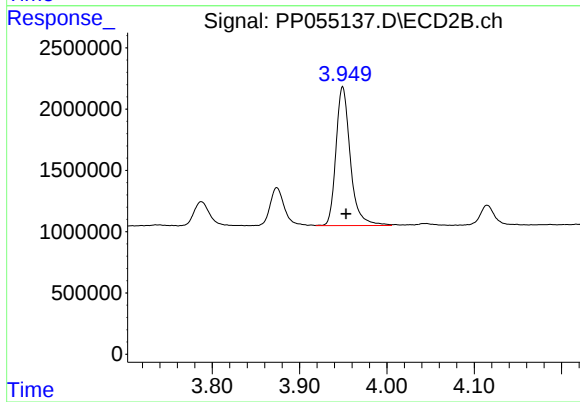
R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 12911004
Conc: 286.18 ng/ml



#11 AR-1232-1

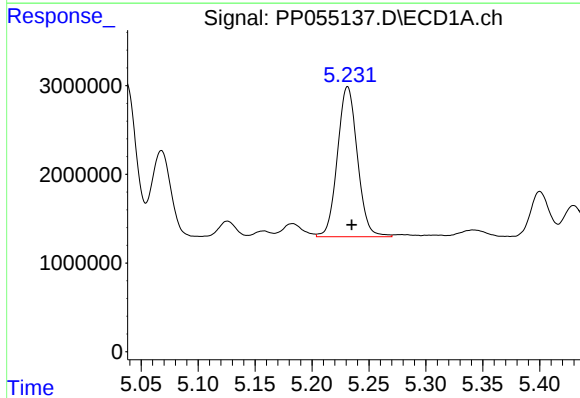
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 15185076
Conc: 342.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



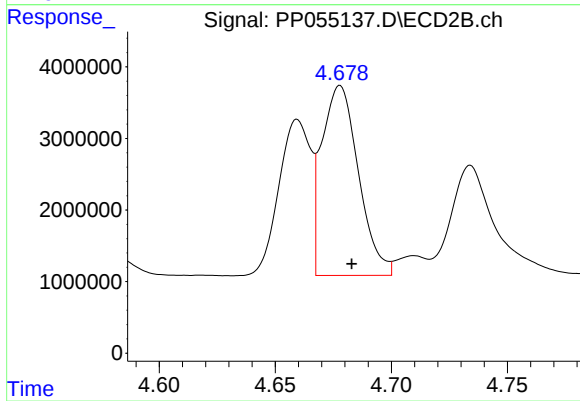
#11 AR-1232-1

R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 12911004
Conc: 350.28 ng/ml



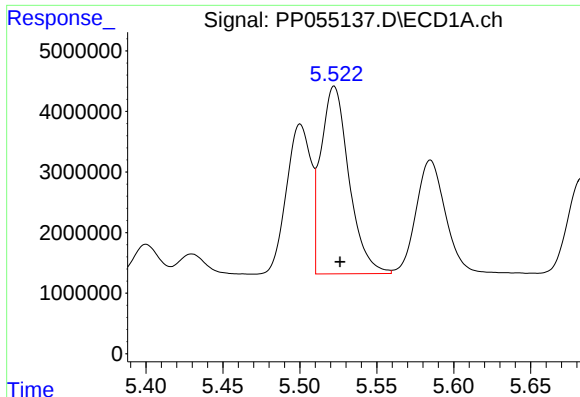
#12 AR-1232-2

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 20668139
Conc: 913.92 ng/ml



#12 AR-1232-2

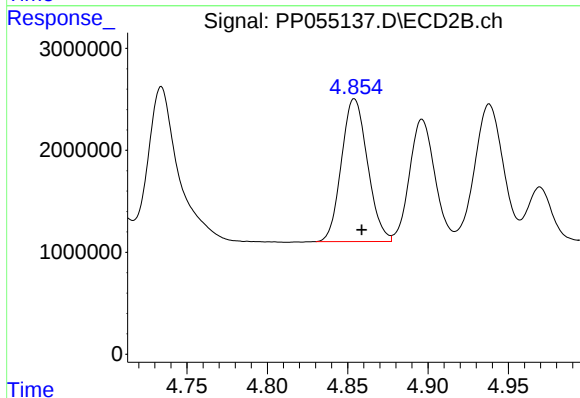
R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 29237580
Conc: 915.32 ng/ml



#13 AR-1232-3

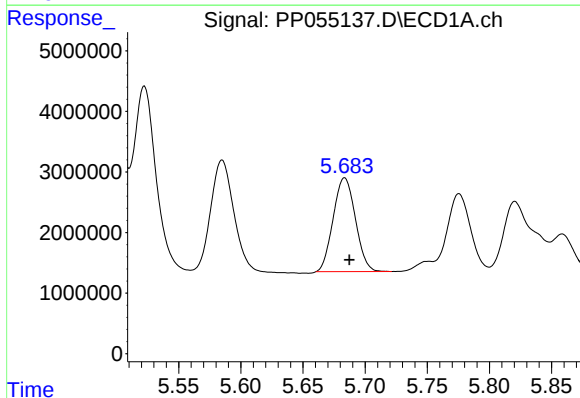
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 39443020
Conc: 898.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



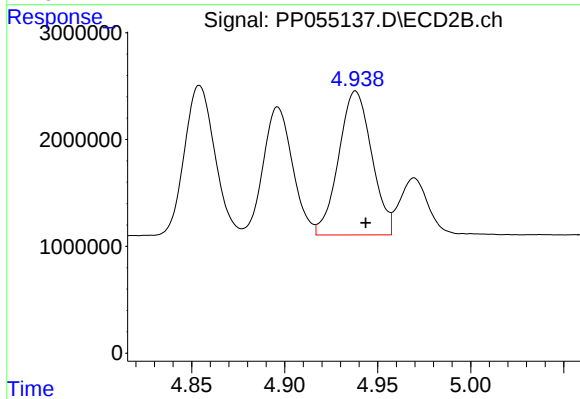
#13 AR-1232-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 15839523
Conc: 950.13 ng/ml



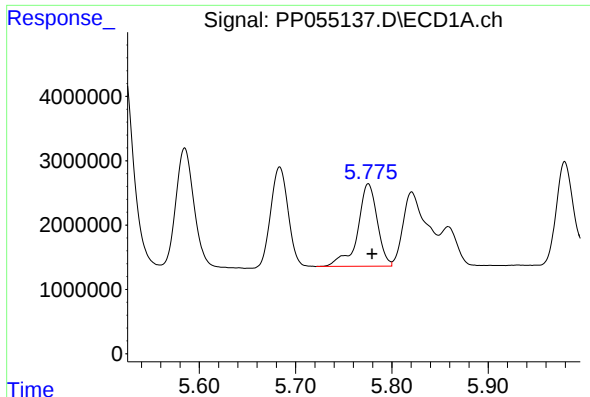
#14 AR-1232-4

R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 19341064
Conc: 873.81 ng/ml



#14 AR-1232-4

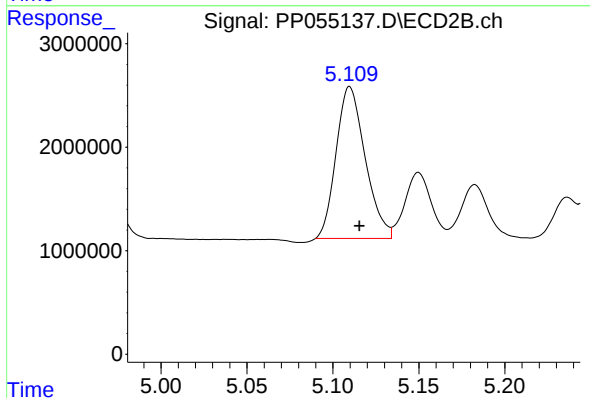
R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 16662298
Conc: 1033.25 ng/ml



#15 AR-1232-5

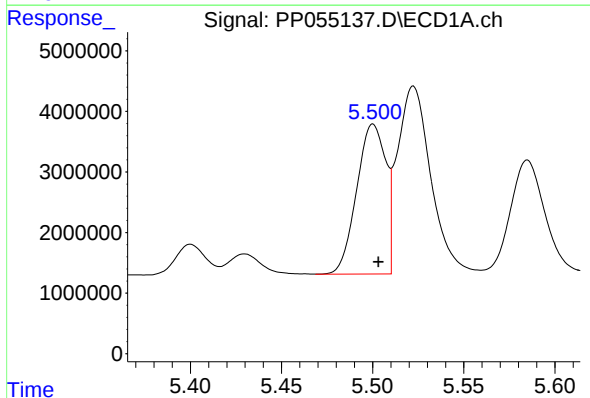
R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 18160046
Conc: 1037.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



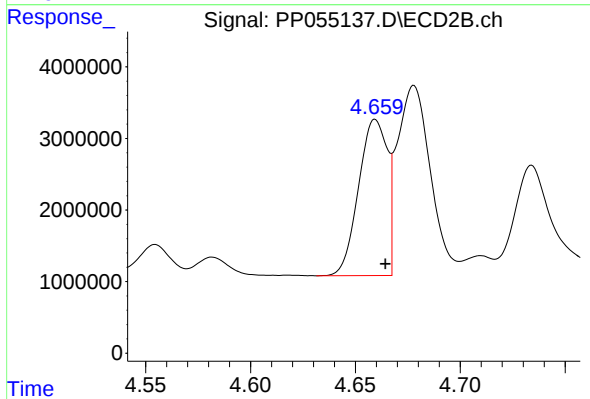
#15 AR-1232-5

R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 17272328
Conc: 977.97 ng/ml



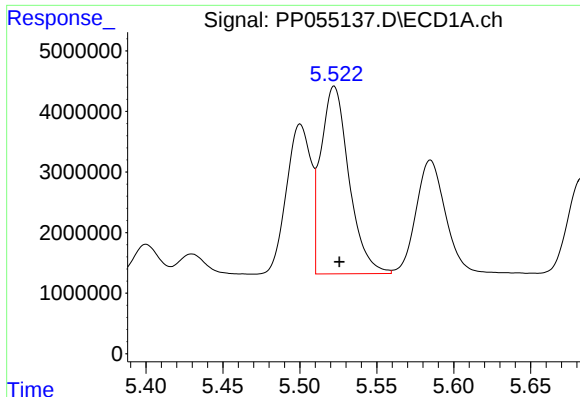
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 27490951
Conc: 491.01 ng/ml



#16 AR-1242-1

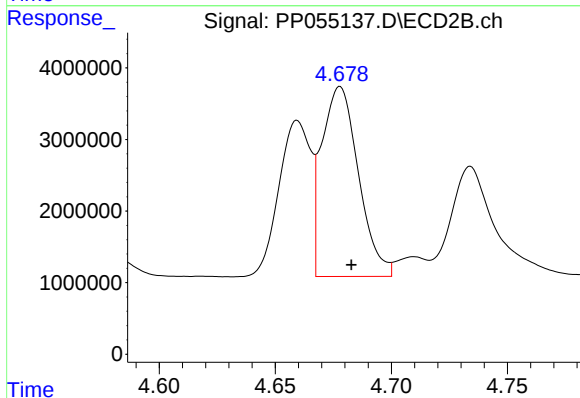
R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 20769286
Conc: 507.03 ng/ml



#17 AR-1242-2

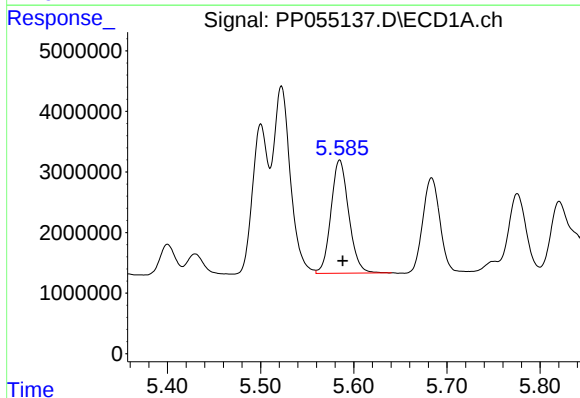
R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 39443020
Conc: 494.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



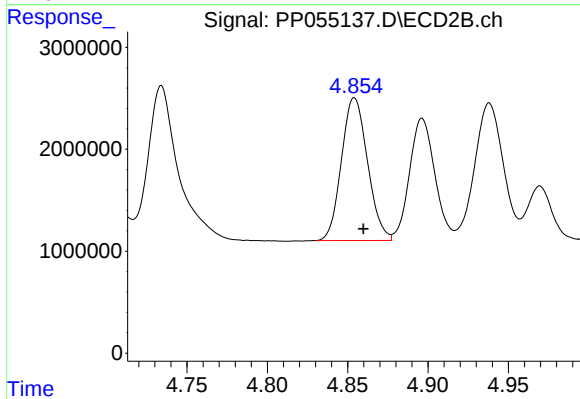
#17 AR-1242-2

R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 29237580
Conc: 512.03 ng/ml



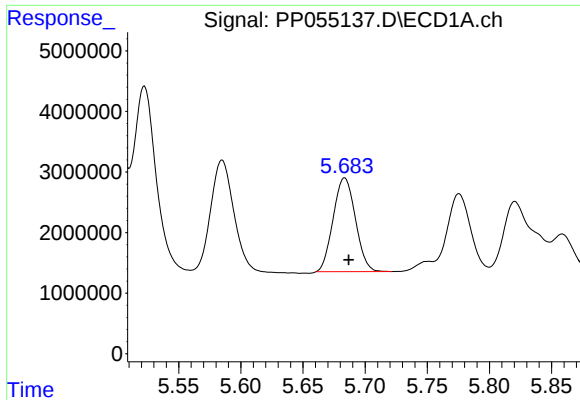
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 24767751
Conc: 498.73 ng/ml



#18 AR-1242-3

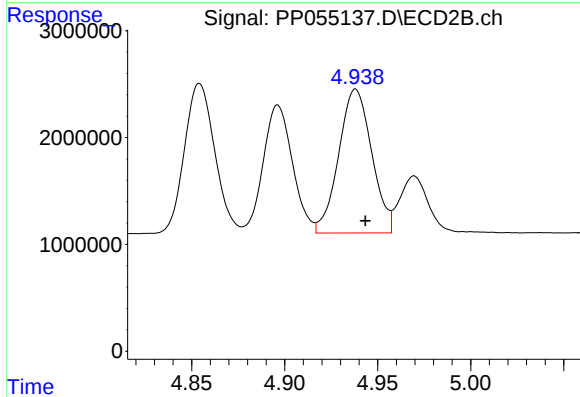
R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 15839523
Conc: 513.14 ng/ml



#19 AR-1242-4

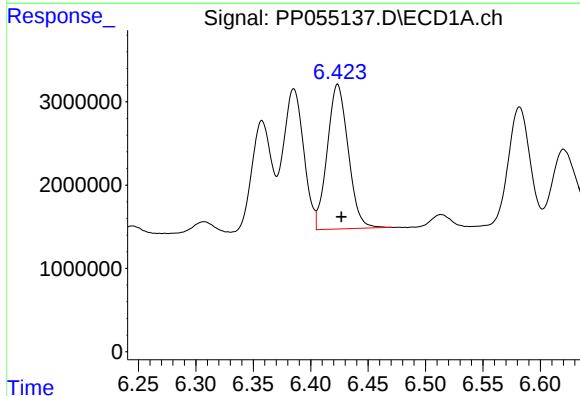
R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 19341064
Conc: 482.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



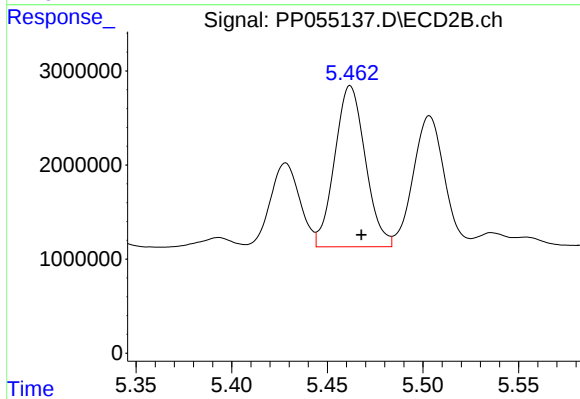
#19 AR-1242-4

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 16662298
Conc: 512.89 ng/ml



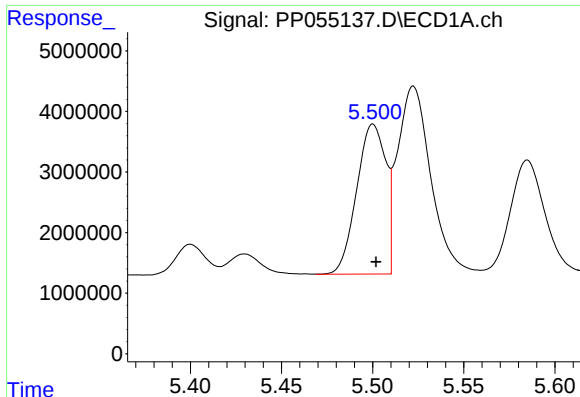
#20 AR-1242-5

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 22011768
Conc: 495.05 ng/ml



#20 AR-1242-5

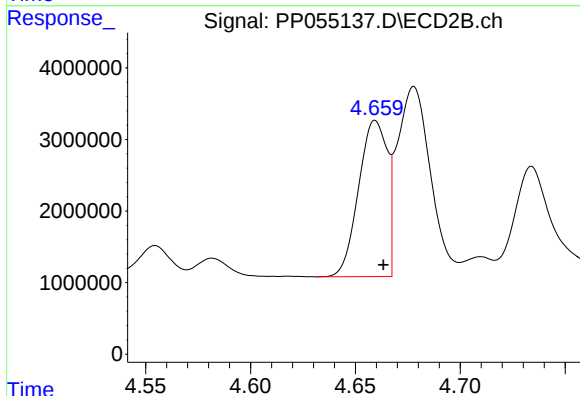
R.T.: 5.462 min
Delta R.T.: -0.006 min
Response: 19103532
Conc: 511.18 ng/ml



#21 AR-1248-1

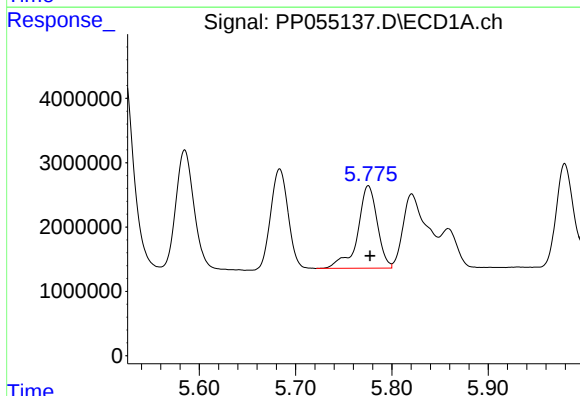
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 27490951
Conc: 659.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



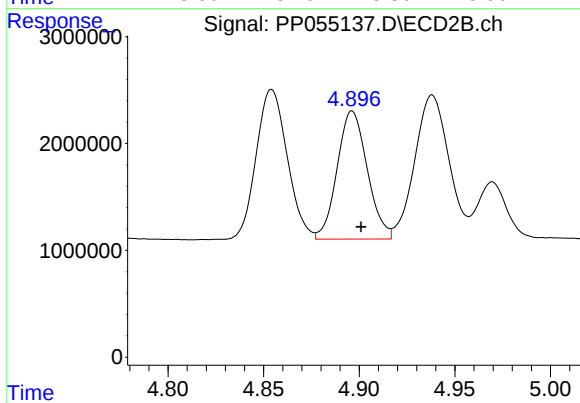
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 20769286
Conc: 669.91 ng/ml



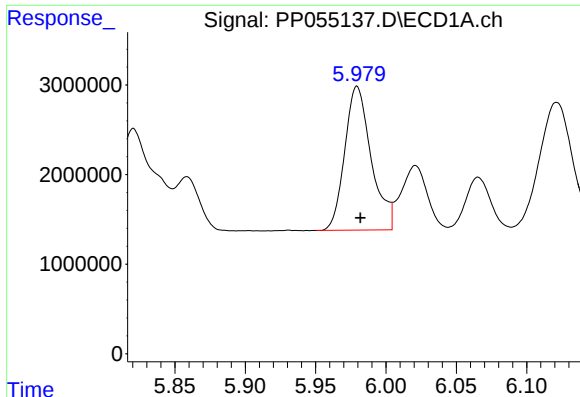
#22 AR-1248-2

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 18160046
Conc: 285.65 ng/ml



#22 AR-1248-2

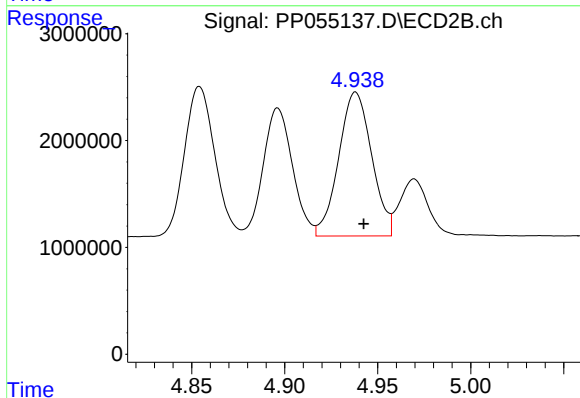
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 13165682
Conc: 287.92 ng/ml



#23 AR-1248-3

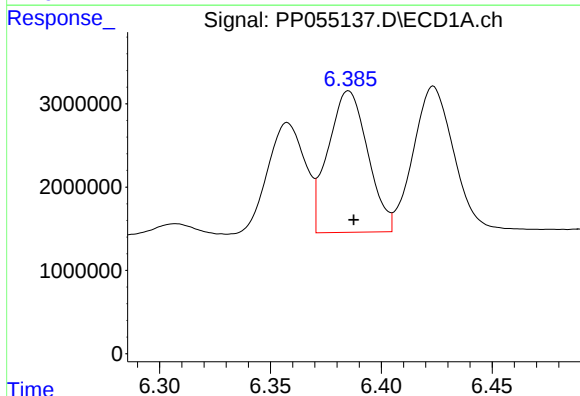
R.T.: 5.979 min
Delta R.T.: -0.002 min
Response: 21025990
Conc: 304.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



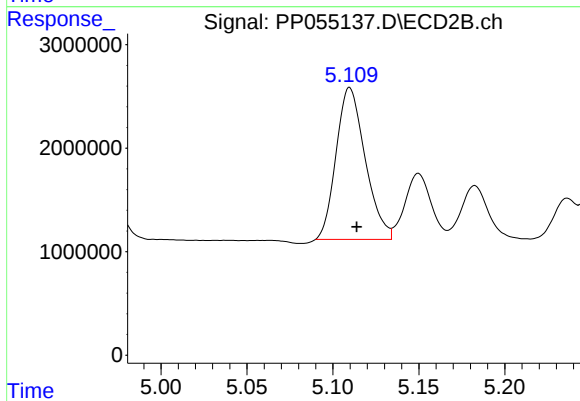
#23 AR-1248-3

R.T.: 4.938 min
Delta R.T.: -0.004 min
Response: 16662298
Conc: 349.51 ng/ml



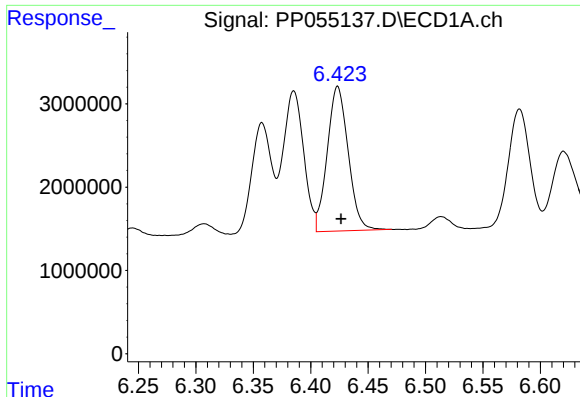
#24 AR-1248-4

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 21080782
Conc: 277.99 ng/ml



#24 AR-1248-4

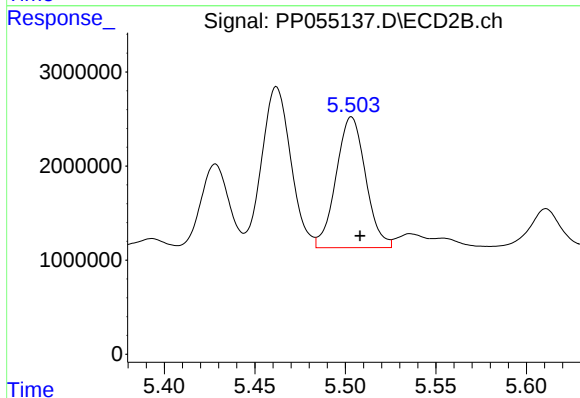
R.T.: 5.110 min
Delta R.T.: -0.004 min
Response: 17272328
Conc: 312.75 ng/ml



#25 AR-1248-5

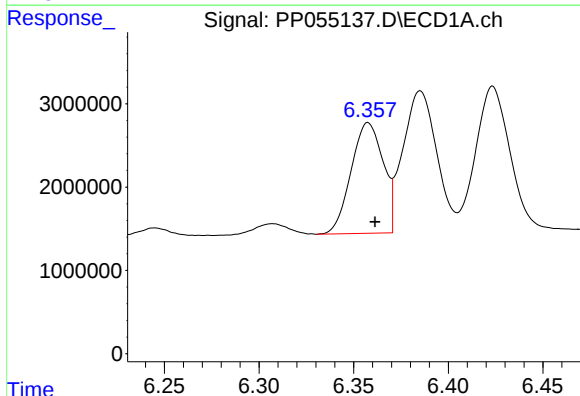
R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 22011768
Conc: 298.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



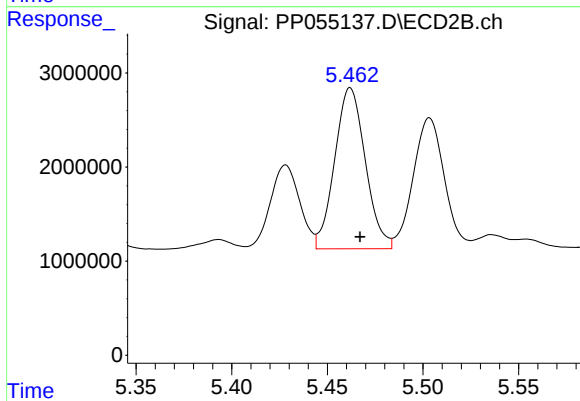
#25 AR-1248-5

R.T.: 5.503 min
Delta R.T.: -0.005 min
Response: 15777805
Conc: 320.88 ng/ml



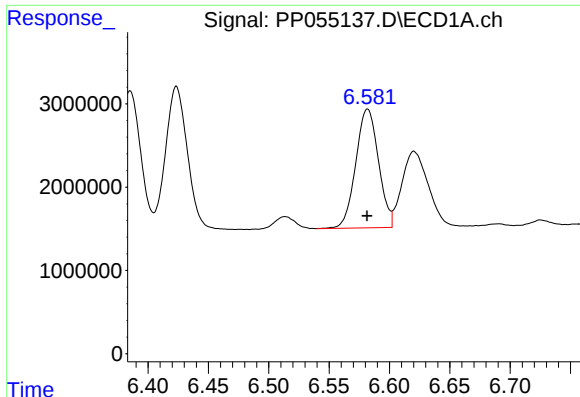
#26 AR-1254-1

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 15627767
Conc: 198.09 ng/ml



#26 AR-1254-1

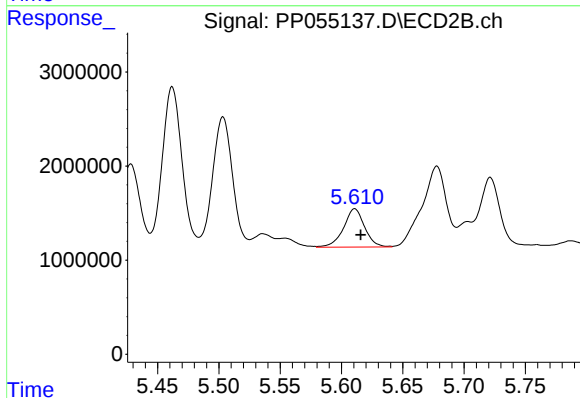
R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 19103532
Conc: 236.55 ng/ml



#27 AR-1254-2

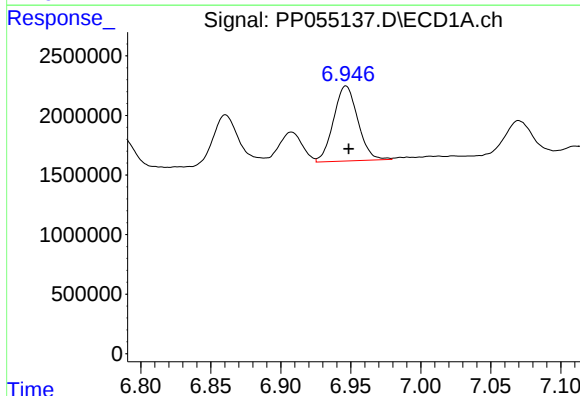
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 18694657
Conc: 154.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



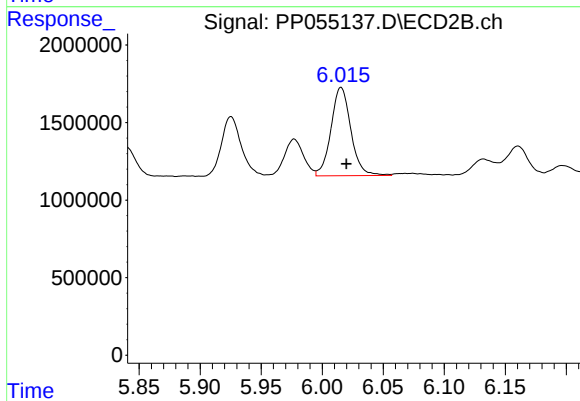
#27 AR-1254-2

R.T.: 5.611 min
Delta R.T.: -0.005 min
Response: 4903280
Conc: 68.52 ng/ml



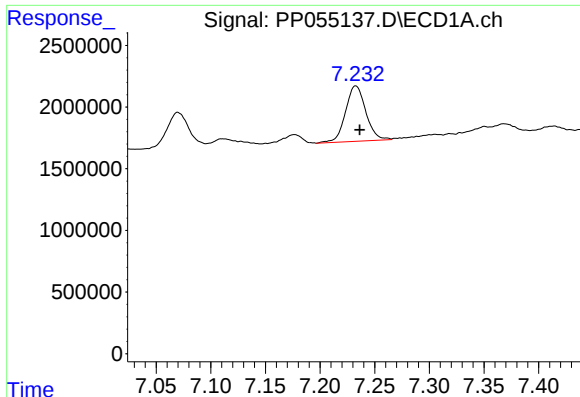
#28 AR-1254-3

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 7605853
Conc: 62.09 ng/ml



#28 AR-1254-3

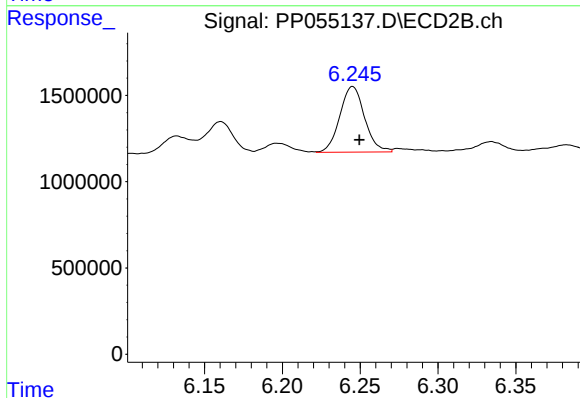
R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 6454367
Conc: 57.93 ng/ml



#29 AR-1254-4

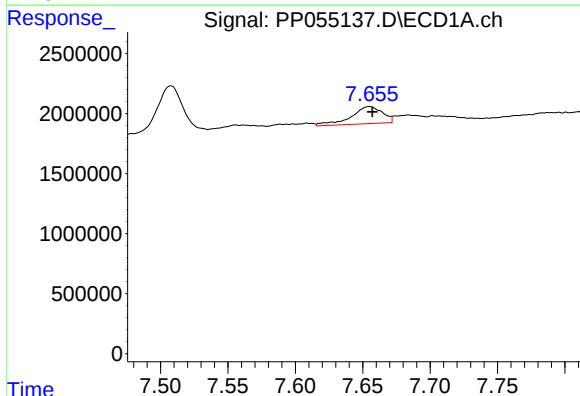
R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 5804656
Conc: 65.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



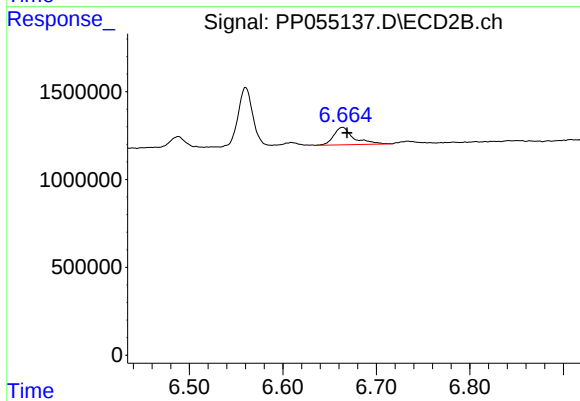
#29 AR-1254-4

R.T.: 6.245 min
Delta R.T.: -0.004 min
Response: 4219199
Conc: 68.60 ng/ml



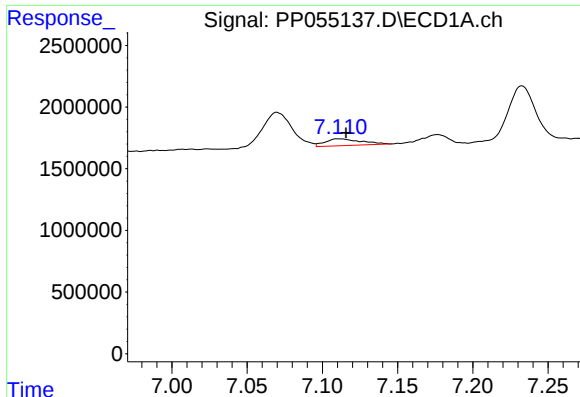
#30 AR-1254-5

R.T.: 7.655 min
Delta R.T.: -0.002 min
Response: 2304586
Conc: 22.78 ng/ml



#30 AR-1254-5

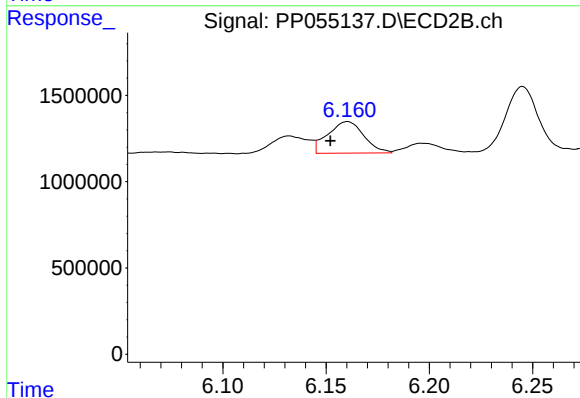
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 1466056
Conc: 15.46 ng/ml



#31 AR-1260-1

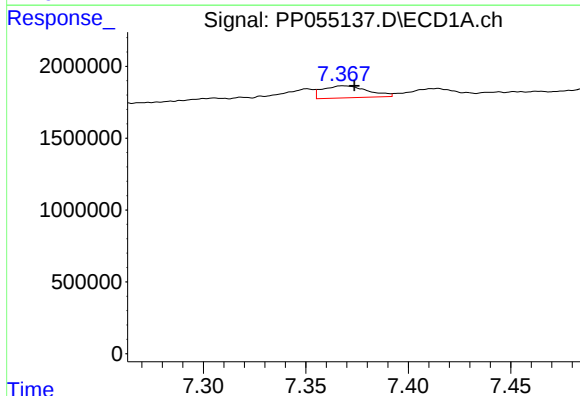
R.T.: 7.111 min
Delta R.T.: -0.005 min
Response: 922822
Conc: 9.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



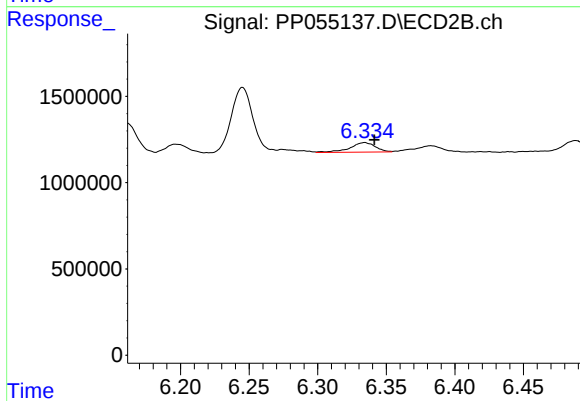
#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: 0.008 min
Response: 2229313
Conc: 28.75 ng/ml



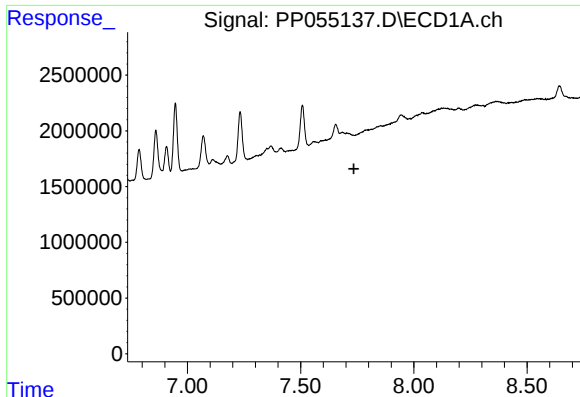
#32 AR-1260-2

R.T.: 7.368 min
Delta R.T.: -0.005 min
Response: 1289568
Conc: 11.46 ng/ml



#32 AR-1260-2

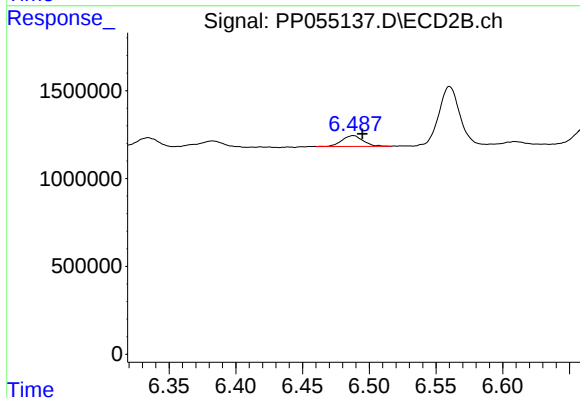
R.T.: 6.334 min
Delta R.T.: -0.007 min
Response: 703929
Conc: 7.83 ng/ml



#33 AR-1260-3

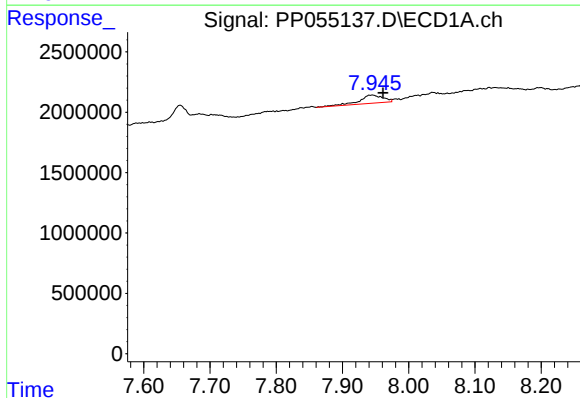
R.T.: 0.000 min
Exp R.T.: 7.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



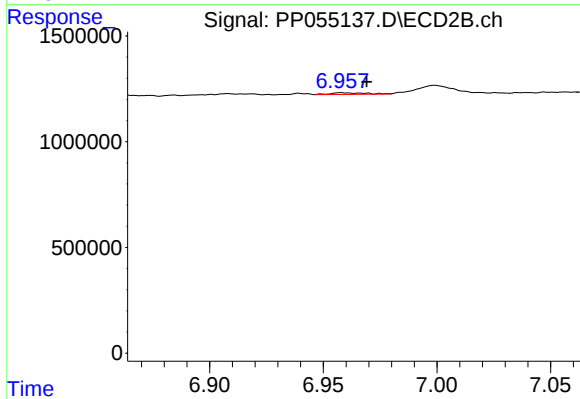
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: -0.007 min
Response: 674812
Conc: 7.95 ng/ml



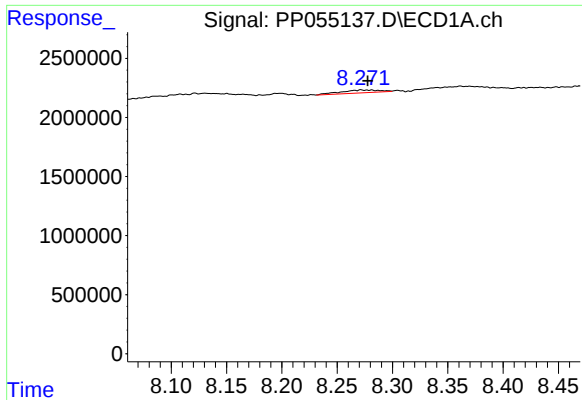
#34 AR-1260-4

R.T.: 7.945 min
Delta R.T.: -0.016 min
Response: 1687329
Conc: 17.38 ng/ml



#34 AR-1260-4

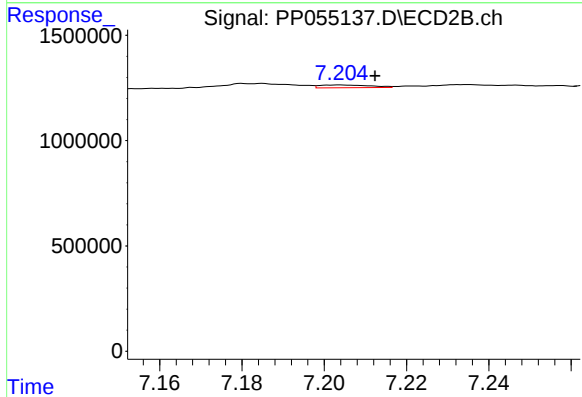
R.T.: 6.958 min
Delta R.T.: -0.011 min
Response: 82276
Conc: 1.15 ng/ml



#35 AR-1260-5

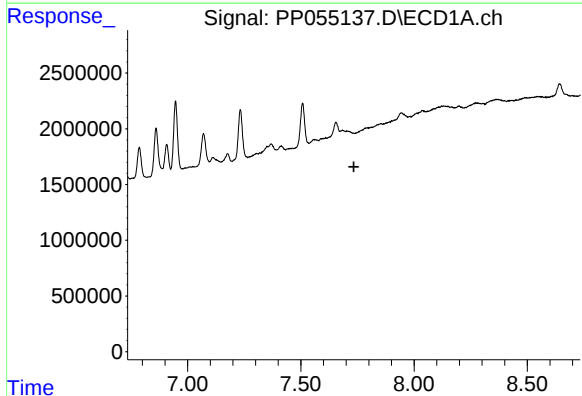
R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 590855
Conc: 3.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



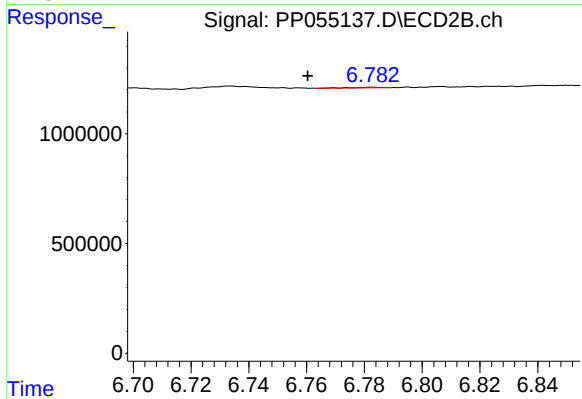
#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: -0.009 min
Response: 108911
Conc: 0.71 ng/ml



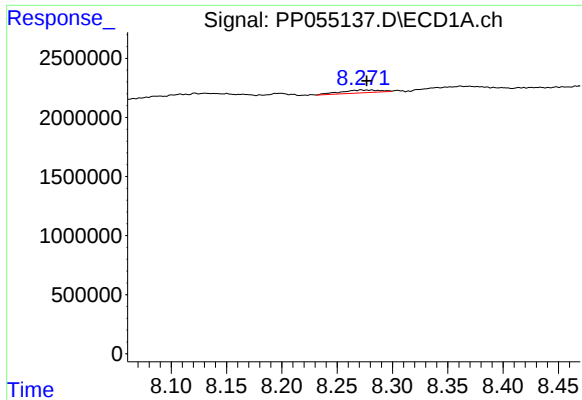
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.734 min
Response: 0
Conc: N.D.



#36 AR-1262-1

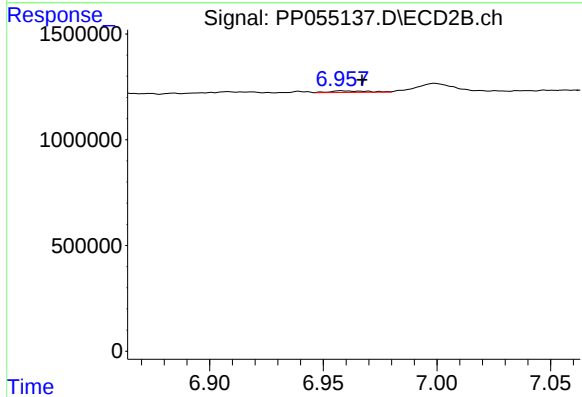
R.T.: 6.783 min
Delta R.T.: 0.022 min
Response: 16421
Conc: 0.38 ng/ml



#37 AR-1262-2

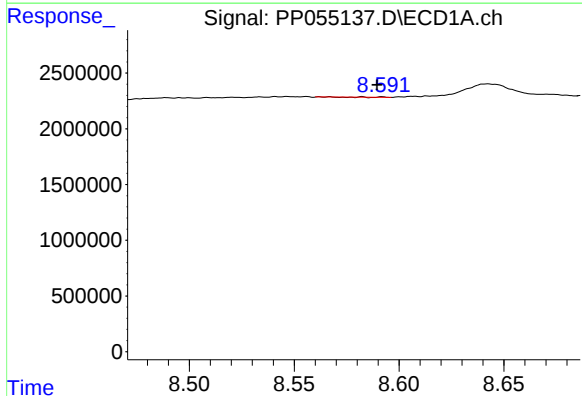
R.T.: 8.272 min
Delta R.T.: -0.005 min
Response: 590855
Conc: 2.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



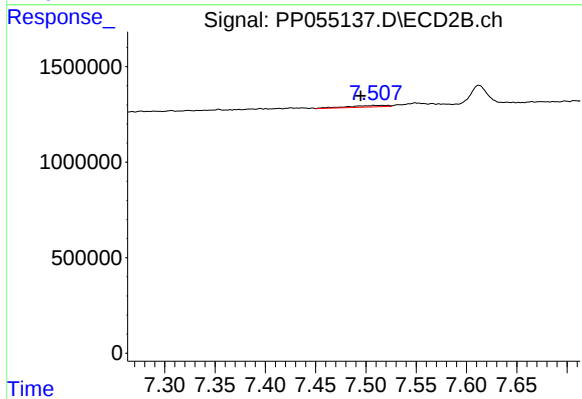
#37 AR-1262-2

R.T.: 6.958 min
Delta R.T.: -0.009 min
Response: 82276
Conc: 0.89 ng/ml



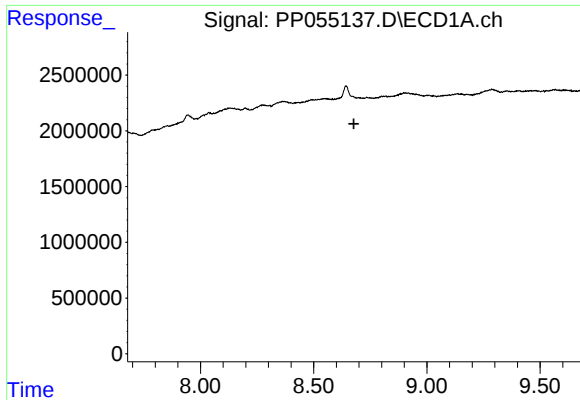
#38 AR-1262-3

R.T.: 8.592 min
Delta R.T.: 0.003 min
Response: 12208
Conc: 0.09 ng/ml



#38 AR-1262-3

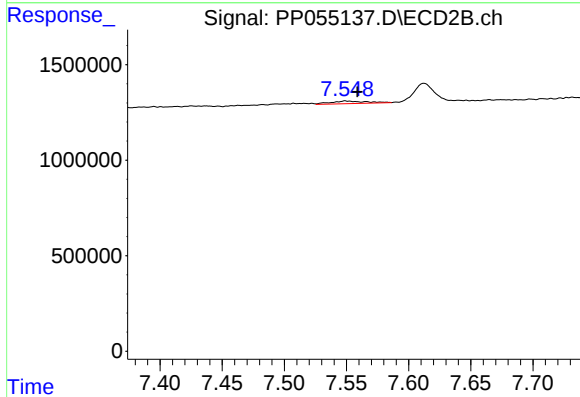
R.T.: 7.516 min
Delta R.T.: 0.021 min
Response: 232380
Conc: 3.19 ng/ml



#39 AR-1262-4

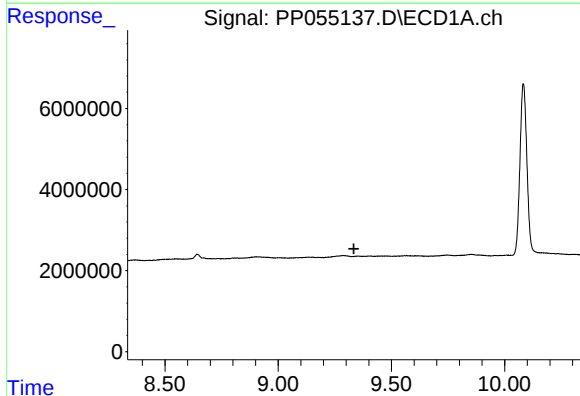
R.T.: 0.000 min
Exp R.T.: 8.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



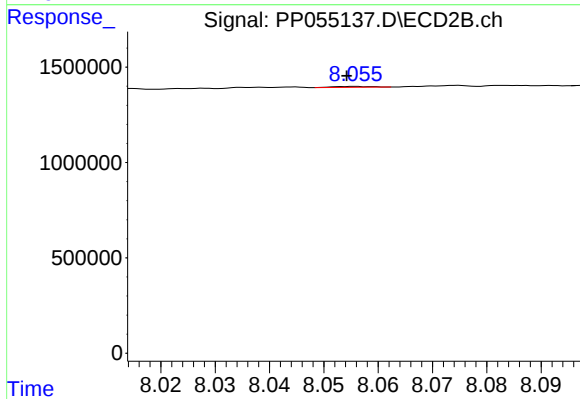
#39 AR-1262-4

R.T.: 7.549 min
Delta R.T.: -0.010 min
Response: 269366
Conc: 2.06 ng/ml



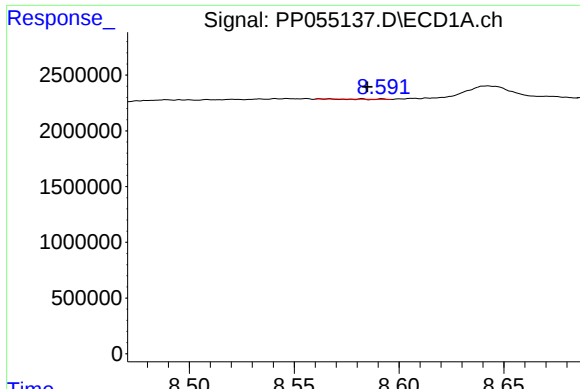
#40 AR-1262-5

R.T.: 9.354 min
Delta R.T.: 0.020 min
Response: -130453
Conc: N.D.



#40 AR-1262-5

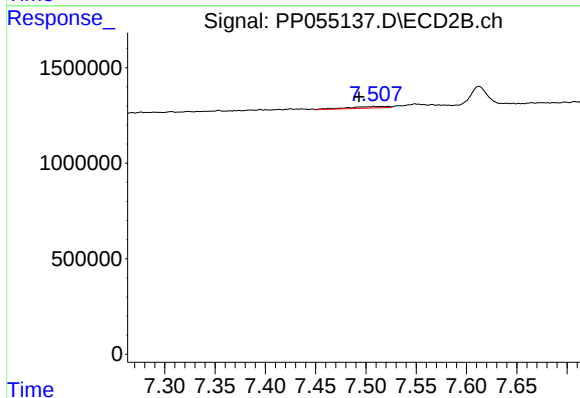
R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 24850
Conc: 0.42 ng/ml



#41 AR-1268-1

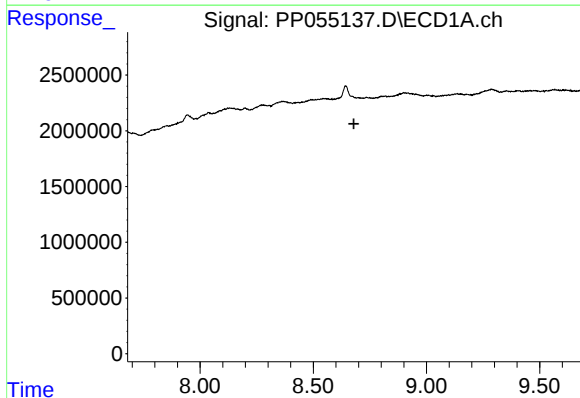
R.T.: 8.592 min
Delta R.T.: 0.007 min
Response: 12208
Conc: 0.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



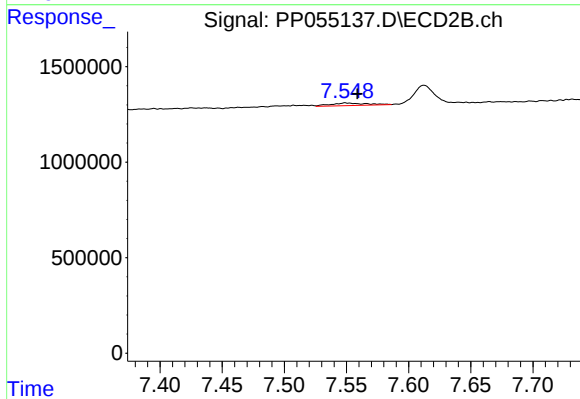
#41 AR-1268-1

R.T.: 7.516 min
Delta R.T.: 0.023 min
Response: 232380
Conc: 1.07 ng/ml



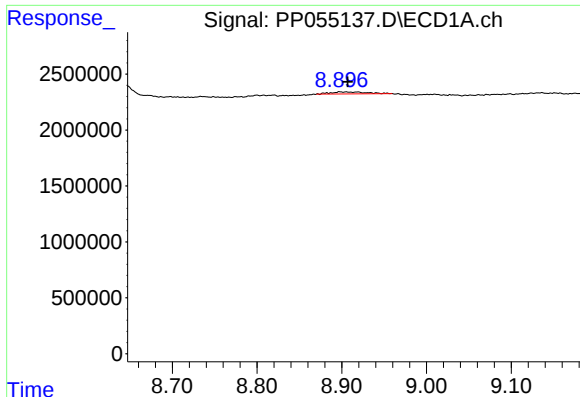
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.679 min
Response: 0
Conc: N.D.



#42 AR-1268-2

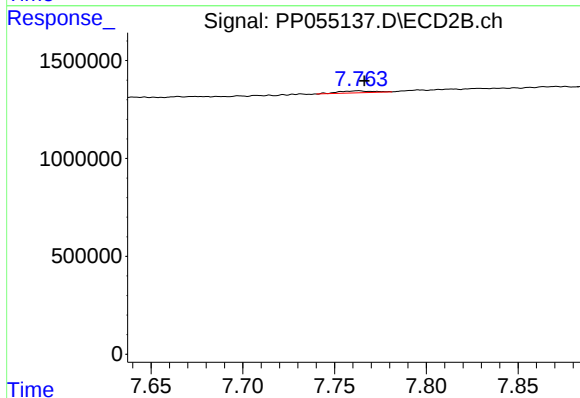
R.T.: 7.549 min
Delta R.T.: -0.010 min
Response: 269366
Conc: 1.38 ng/ml



#43 AR-1268-3

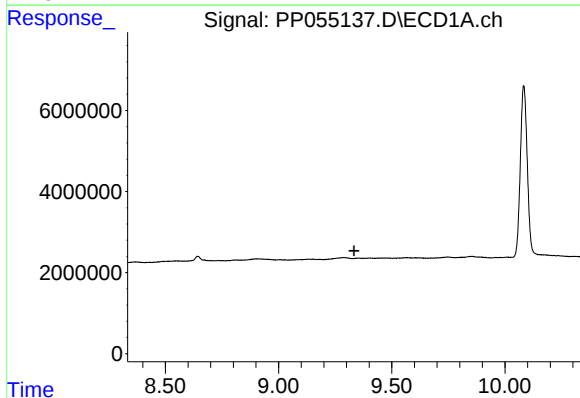
R.T.: 8.899 min
Delta R.T.: -0.008 min
Response: 516204
Conc: 2.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



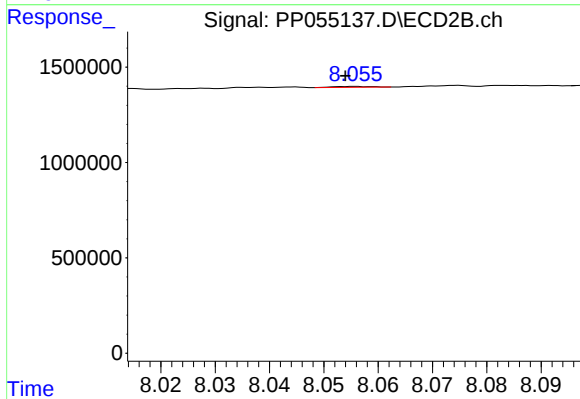
#43 AR-1268-3

R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 131314
Conc: 0.76 ng/ml



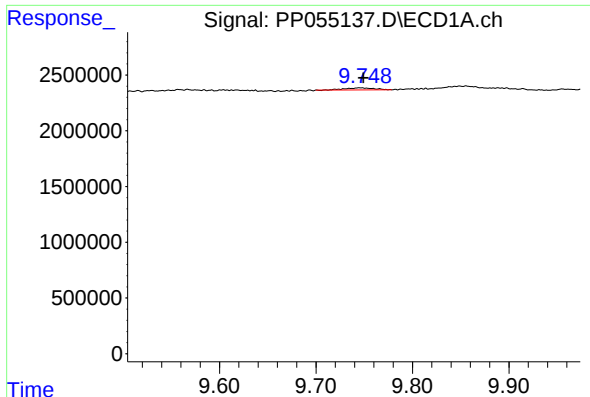
#44 AR-1268-4

R.T.: 9.354 min
Delta R.T.: 0.021 min
Response: -130453
Conc: N.D.



#44 AR-1268-4

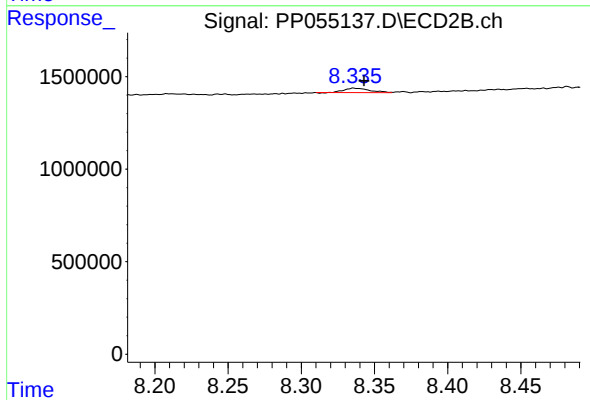
R.T.: 8.056 min
Delta R.T.: 0.002 min
Response: 24850
Conc: 0.39 ng/ml



#45 AR-1268-5

R.T.: 9.746 min
Delta R.T.: -0.003 min
Response: 358080
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.007 min
Response: 293407
Conc: 0.56 ng/ml