

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122822\
 Data File : PP054118.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2022 17:09
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 21:19:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 14 05:38:40 2022
 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	107.0E6	76493627	50.954	48.980
2)	SA Decachlor...	10.102	8.617	78758147	71947715	46.389	51.511
Target Compounds							
3)	L1 AR-1016-1	5.510	4.695	36072138	34398926	531.965	748.999 #
4)	L1 AR-1016-2	5.533	4.695	50870626	34398926	510.695	548.995
5)	L1 AR-1016-3	5.595	4.872	32155138	18289169	508.776	538.847
6)	L1 AR-1016-4	5.693	4.914	26198972	15714112	528.712	527.344
7)	L1 AR-1016-5	5.990	5.128	27065732	20303019	514.208	559.905
8)	L2 AR-1221-1	4.542	3.801	3764515	2720853	146.127	140.523
9)	L2 AR-1221-2	4.634	3.887	5391535	3905161	276.932	267.159
10)	L2 AR-1221-3	4.710	3.964	19632553	14681715	337.818	330.067
11)	L3 AR-1232-1	4.710	3.964	19632553	14681715	438.334	426.653
12)	L3 AR-1232-2	5.241	4.695	26664739	34398926	1036.590	1152.538
13)	L3 AR-1232-3	5.533	4.872	50870626	18289169	1083.809	1154.360
14)	L3 AR-1232-4	5.693	4.956	26198972	19428081	1105.718	1257.267
15)	L3 AR-1232-5	5.785	5.128	21800184	20303019	1182.055	1232.952
16)	L4 AR-1242-1	5.510	4.677	36072138	24406937	688.652	689.198
17)	L4 AR-1242-2	5.533	4.695	50870626	34398926	667.668	716.014
18)	L4 AR-1242-3	5.595	4.872	32155138	18289169	656.296	701.518
19)	L4 AR-1242-4	5.693	4.956	26198972	19428081	682.464	681.002
20)	L4 AR-1242-5	6.434	5.482	4289455	16392496	105.169	537.050 #
21)	L5 AR-1248-1	5.510	4.677	36072138	24406937	855.890	857.966
22)	L5 AR-1248-2	5.785	4.914	21800184	15714112	344.938	379.855
23)	L5 AR-1248-3	5.990	4.956	27065732	19428081	386.406	462.600
24)	L5 AR-1248-4	6.394	5.128	4296502	20303019	60.920	421.975 #
25)	L5 AR-1248-5	6.434	5.522	4289455	2581739	60.873	68.757
26)	L6 AR-1254-1	6.368	5.482	20954809	16392496	270.411	250.331
27)	L6 AR-1254-2	6.588	5.630	22276567	15643254	191.467	268.233 #
28)	L6 AR-1254-3	6.956	6.051	11214082	27175523	95.743	308.911 #
29)	L6 AR-1254-4	7.242	6.265	6995860	2514089	88.244	54.875 #
30)	L6 AR-1254-5	7.662	6.683	58589138	51018151	600.761	654.635
31)	L7 AR-1260-1	7.121	6.166	44032362	38959221	455.949	597.268 #
32)	L7 AR-1260-2	7.379	6.355	49017542	45809130	443.713	608.314 #
33)	L7 AR-1260-3	7.741	6.509	33549397	43354096	443.719	598.117 #
34)	L7 AR-1260-4	7.966	6.983	43328499	32426543	461.654	597.631 #
35)	L7 AR-1260-5	8.284	7.226	75074713	66237852	473.448	553.897
36)	L8 AR-1262-1	7.741	6.776	33549397	18527816	280.265	519.486 #
37)	L8 AR-1262-2	8.284	6.983	75074713	32426543	391.514	417.158
38)	L8 AR-1262-3	8.608	7.511	50749740	14563267	366.248	231.147 #
39)	L8 AR-1262-4	8.684	7.574	13043795	54251104	209.586	474.482 #
40)	L8 AR-1262-5	9.343	8.070	19032723	16350050	269.339	328.208
41)	L9 AR-1268-1	8.608	7.511	50749740	14563267	207.950	80.495 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122822\
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 Acq On : 28 Dec 2022 17:09
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

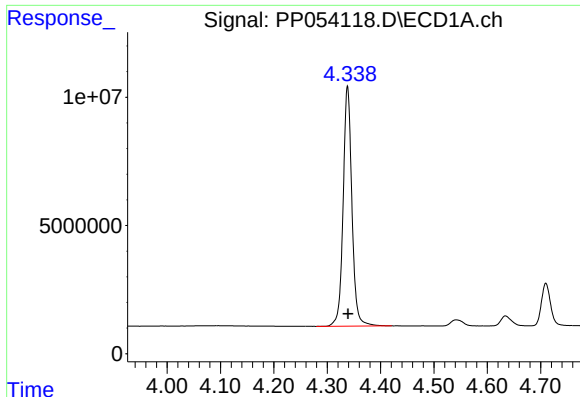
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 21:19:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 14 05:38:40 2022
 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	8.684	7.574f	13043795	54251104	57.394	317.914 #
43) L9	AR-1268-3	8.916	7.783f	1495247	1216150	7.802	8.234
44) L9	AR-1268-4	9.343	8.070	19032723	16350050	247.251	293.374
45) L9	AR-1268-5	9.760	8.361f	6979519	6060747	11.869	12.820

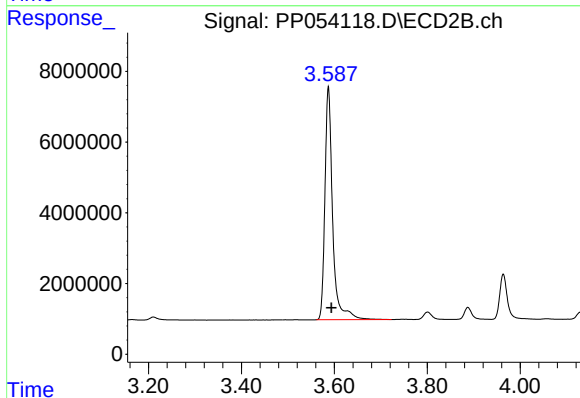
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

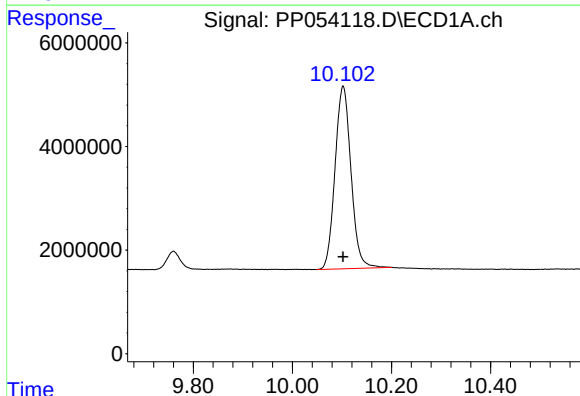
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 106992022
Conc: 50.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



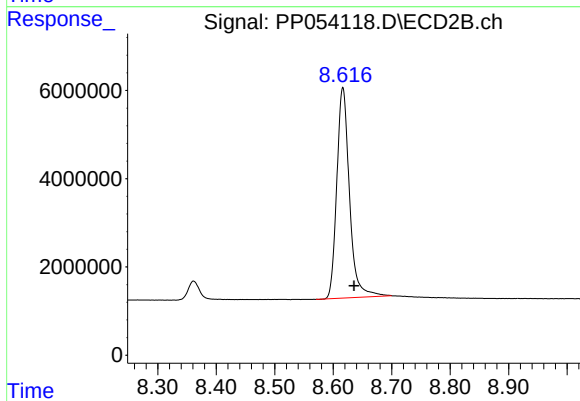
#1 Tetrachloro-m-xylene

R.T.: 3.587 min
Delta R.T.: -0.006 min
Response: 76493627
Conc: 48.98 ng/ml



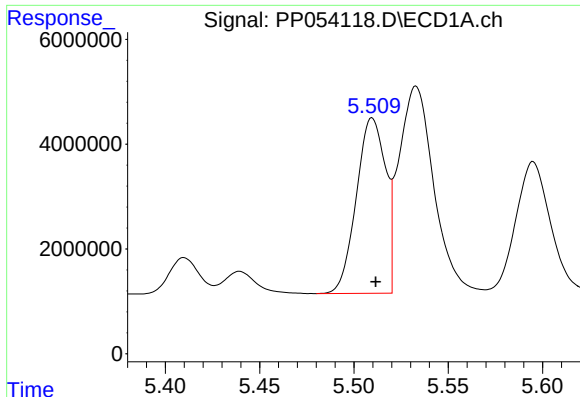
#2 Decachlorobiphenyl

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 78758147
Conc: 46.39 ng/ml



#2 Decachlorobiphenyl

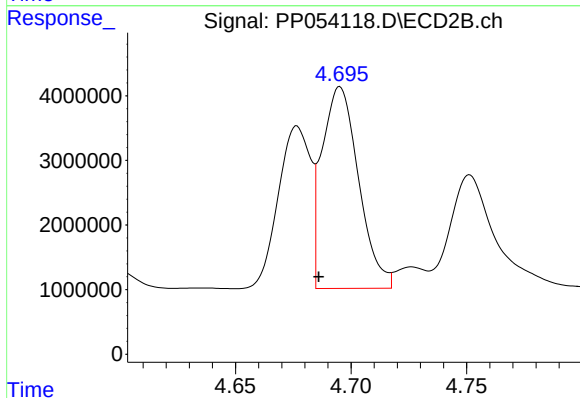
R.T.: 8.617 min
Delta R.T.: -0.019 min
Response: 71947715
Conc: 51.51 ng/ml



#3 AR-1016-1

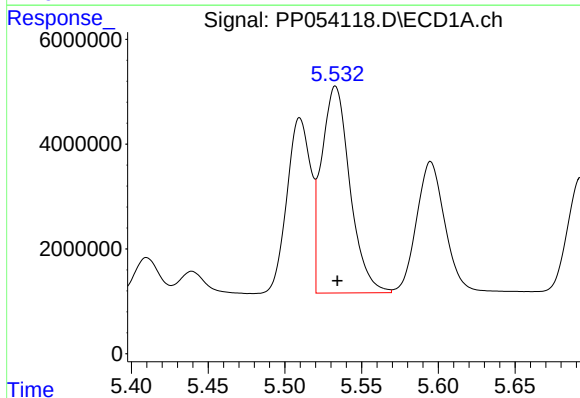
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 36072138
Conc: 531.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



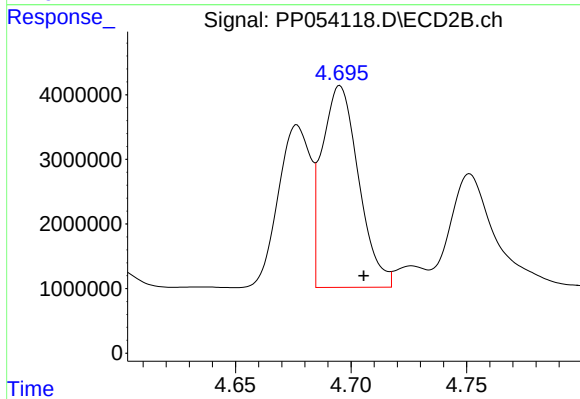
#3 AR-1016-1

R.T.: 4.695 min
Delta R.T.: 0.009 min
Response: 34398926
Conc: 749.00 ng/ml



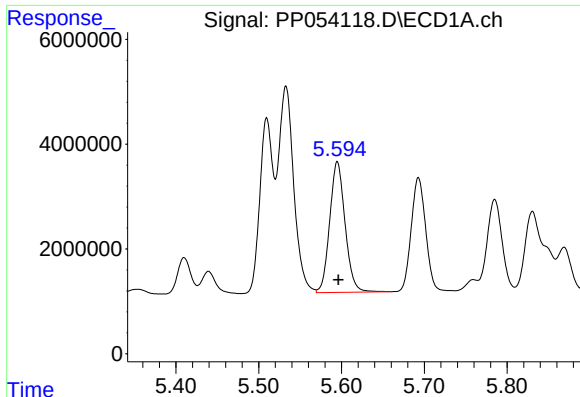
#4 AR-1016-2

R.T.: 5.533 min
Delta R.T.: -0.001 min
Response: 50870626
Conc: 510.69 ng/ml



#4 AR-1016-2

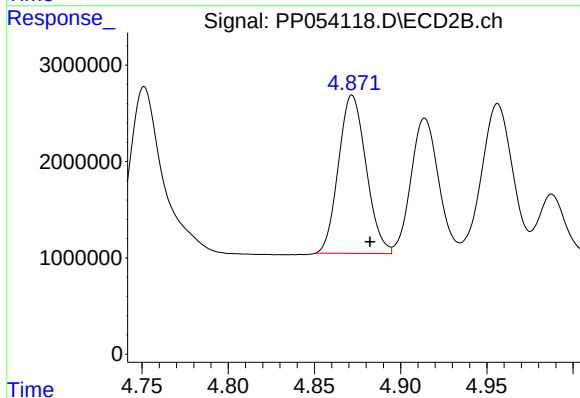
R.T.: 4.695 min
Delta R.T.: -0.010 min
Response: 34398926
Conc: 549.00 ng/ml



#5 AR-1016-3

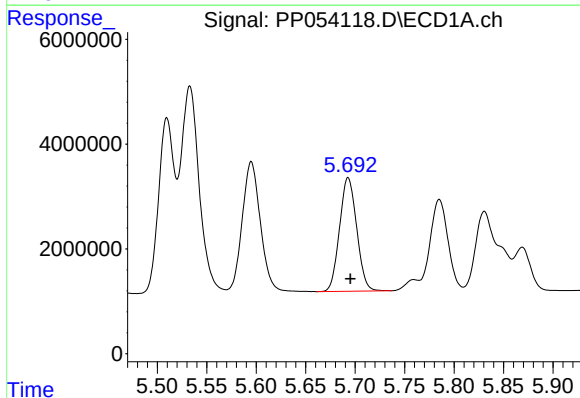
R.T.: 5.595 min
Delta R.T.: -0.001 min
Response: 32155138
Conc: 508.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



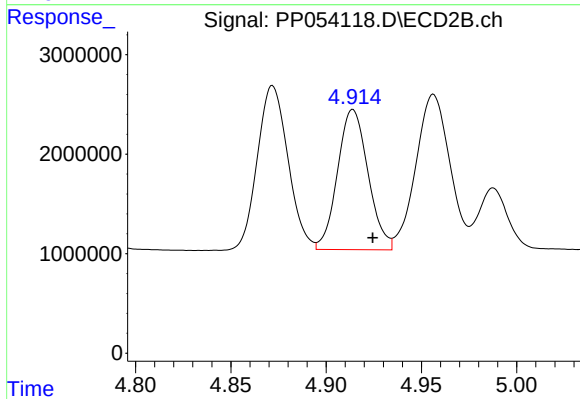
#5 AR-1016-3

R.T.: 4.872 min
Delta R.T.: -0.010 min
Response: 18289169
Conc: 538.85 ng/ml



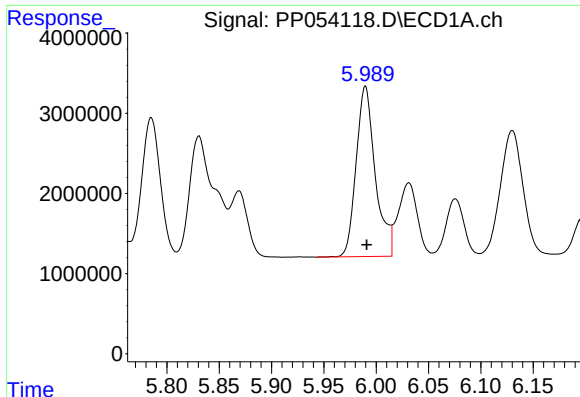
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 26198972
Conc: 528.71 ng/ml



#6 AR-1016-4

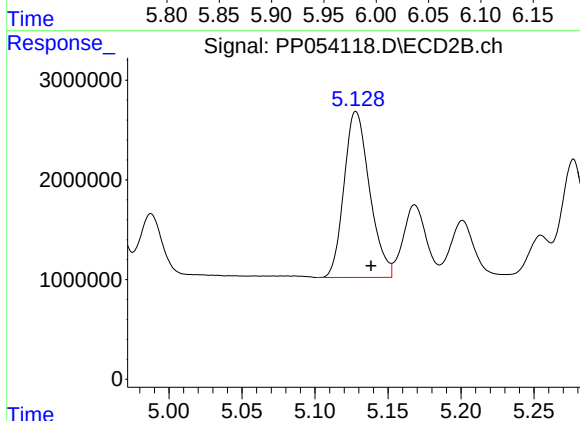
R.T.: 4.914 min
Delta R.T.: -0.010 min
Response: 15714112
Conc: 527.34 ng/ml



#7 AR-1016-5

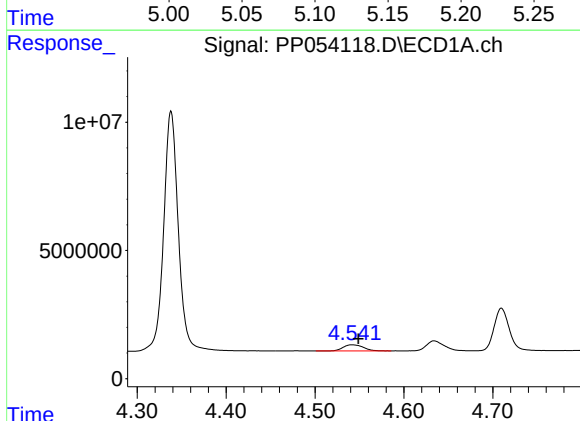
R.T.: 5.990 min
Delta R.T.: -0.001 min
Response: 27065732
Conc: 514.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



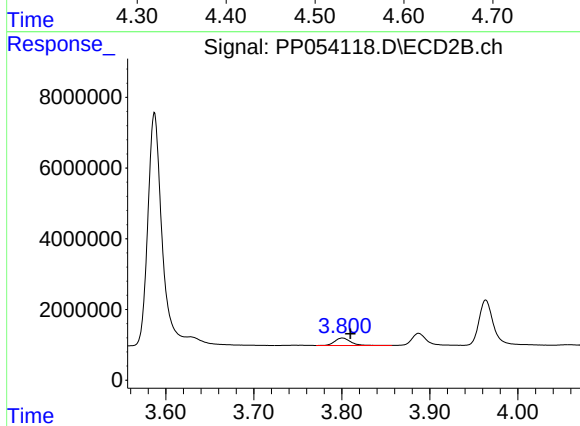
#7 AR-1016-5

R.T.: 5.128 min
Delta R.T.: -0.010 min
Response: 20303019
Conc: 559.90 ng/ml



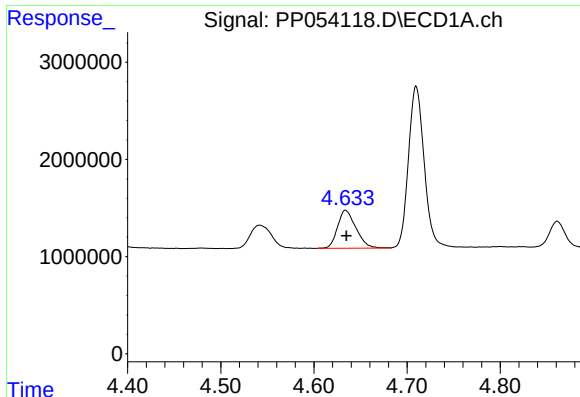
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 3764515
Conc: 146.13 ng/ml



#8 AR-1221-1

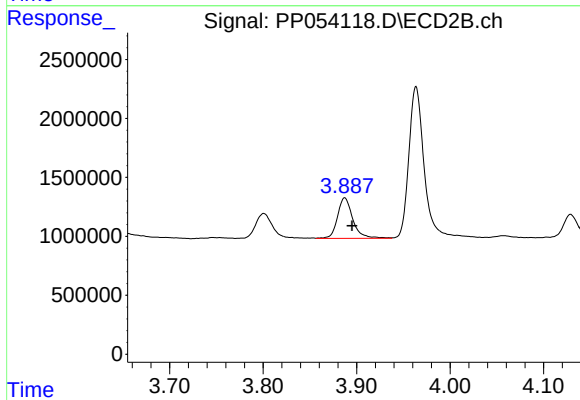
R.T.: 3.801 min
Delta R.T.: -0.009 min
Response: 2720853
Conc: 140.52 ng/ml



#9 AR-1221-2

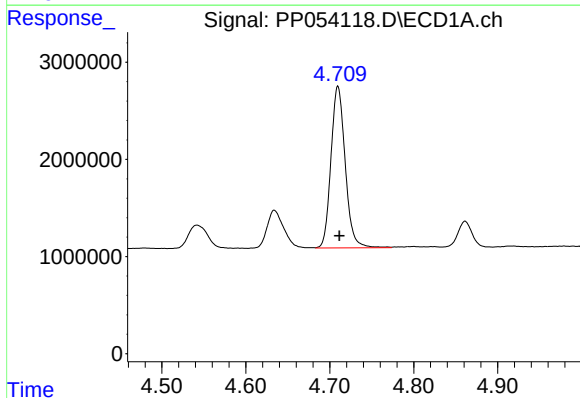
R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 5391535
Conc: 276.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



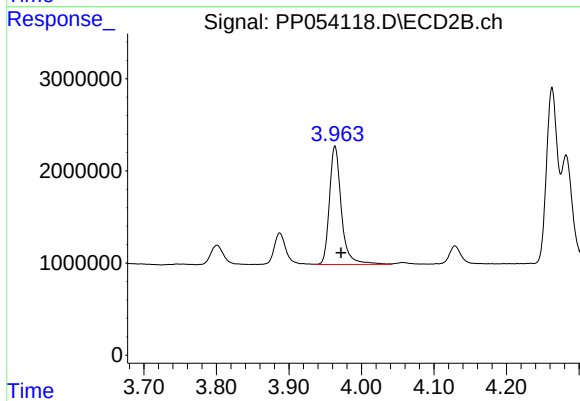
#9 AR-1221-2

R.T.: 3.887 min
Delta R.T.: -0.008 min
Response: 3905161
Conc: 267.16 ng/ml



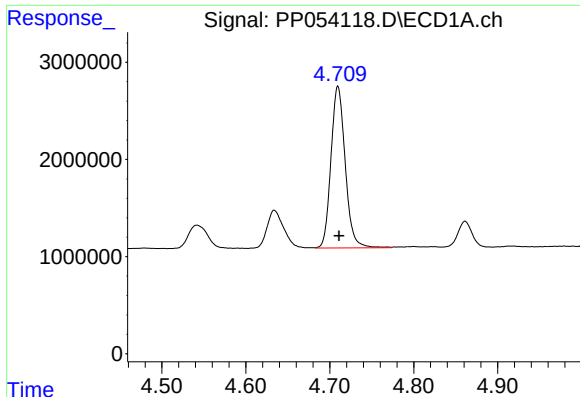
#10 AR-1221-3

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 19632553
Conc: 337.82 ng/ml



#10 AR-1221-3

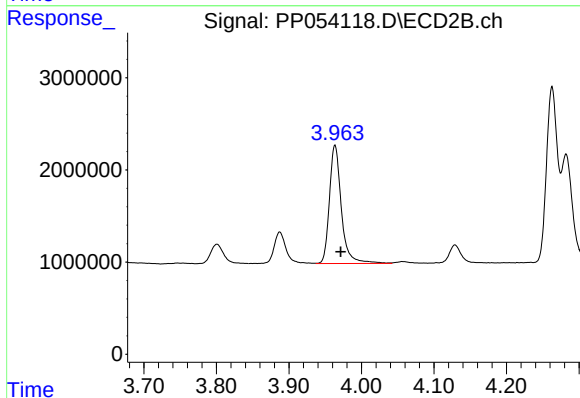
R.T.: 3.964 min
Delta R.T.: -0.008 min
Response: 14681715
Conc: 330.07 ng/ml



#11 AR-1232-1

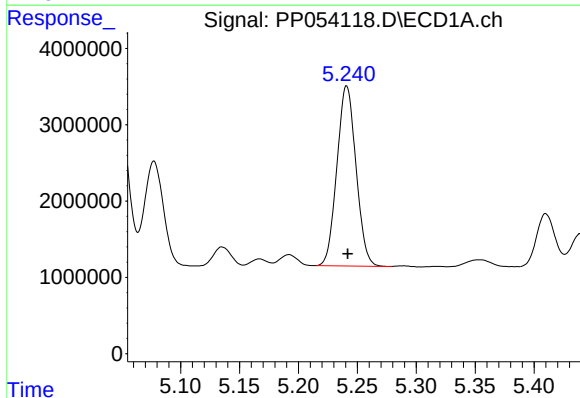
R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 19632553
Conc: 438.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



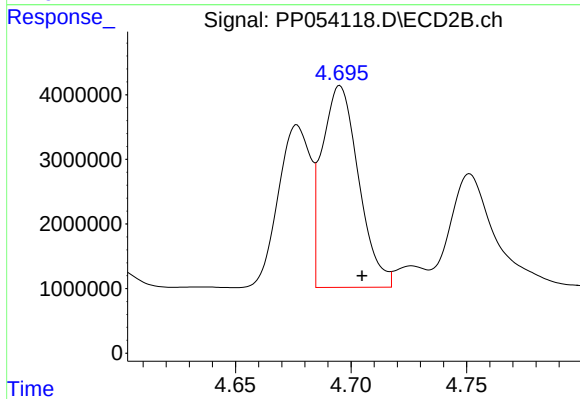
#11 AR-1232-1

R.T.: 3.964 min
Delta R.T.: -0.008 min
Response: 14681715
Conc: 426.65 ng/ml



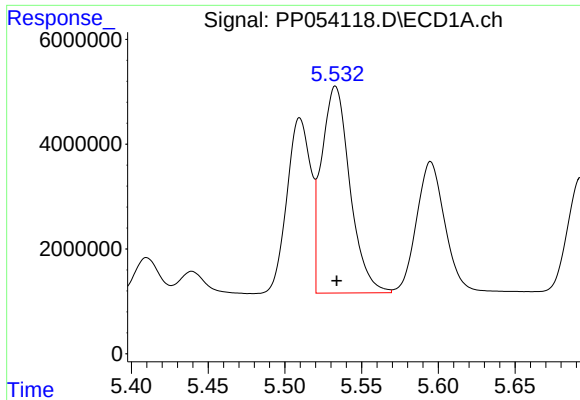
#12 AR-1232-2

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 26664739
Conc: 1036.59 ng/ml



#12 AR-1232-2

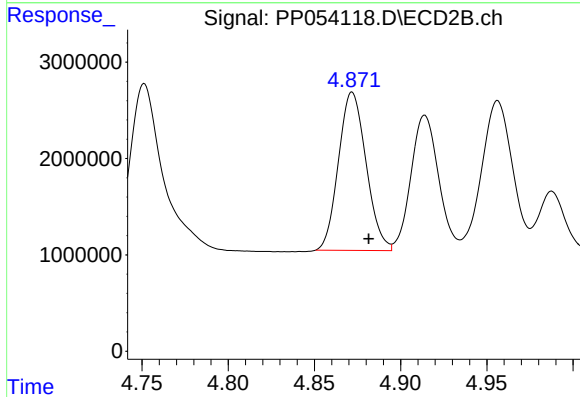
R.T.: 4.695 min
Delta R.T.: -0.010 min
Response: 34398926
Conc: 1152.54 ng/ml



#13 AR-1232-3

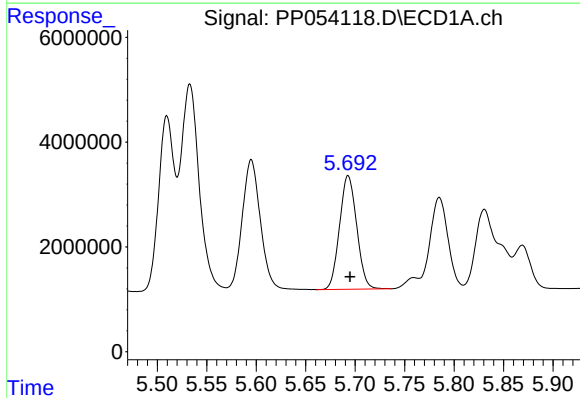
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 50870626
Conc: 1083.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



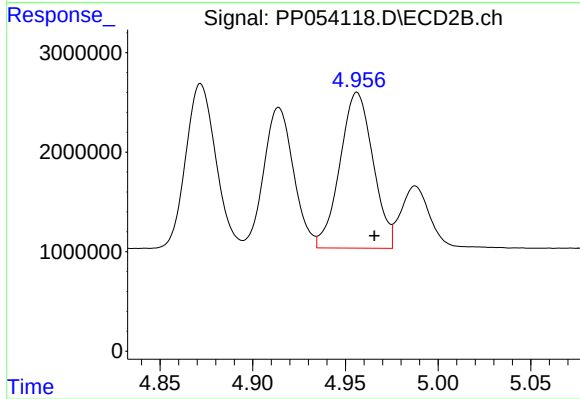
#13 AR-1232-3

R.T.: 4.872 min
Delta R.T.: -0.010 min
Response: 18289169
Conc: 1154.36 ng/ml



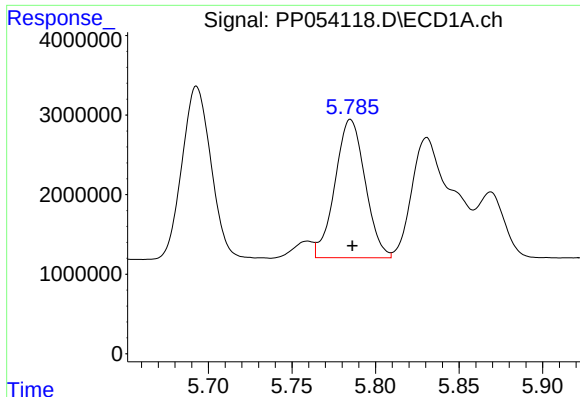
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 26198972
Conc: 1105.72 ng/ml



#14 AR-1232-4

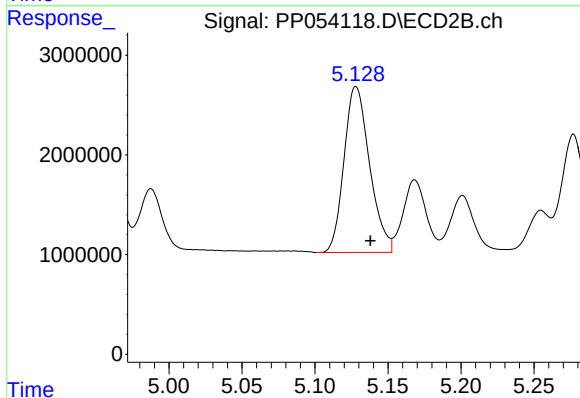
R.T.: 4.956 min
Delta R.T.: -0.009 min
Response: 19428081
Conc: 1257.27 ng/ml



#15 AR-1232-5

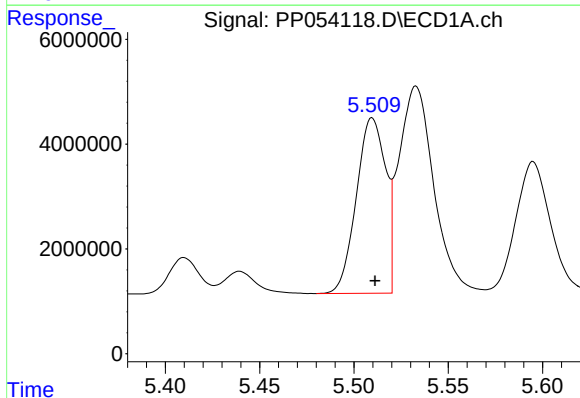
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 21800184
Conc: 1182.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



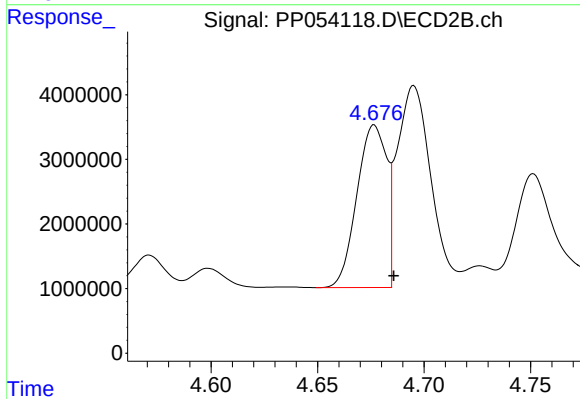
#15 AR-1232-5

R.T.: 5.128 min
Delta R.T.: -0.010 min
Response: 20303019
Conc: 1232.95 ng/ml



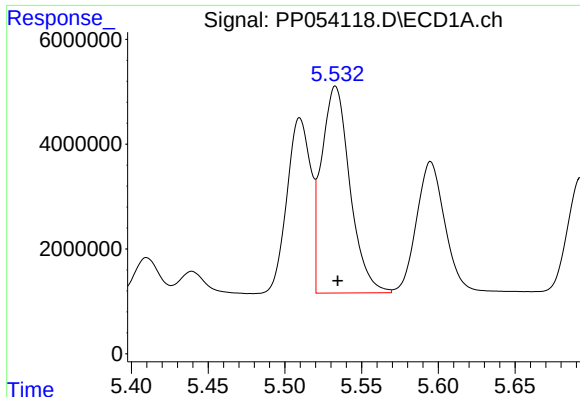
#16 AR-1242-1

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 36072138
Conc: 688.65 ng/ml



#16 AR-1242-1

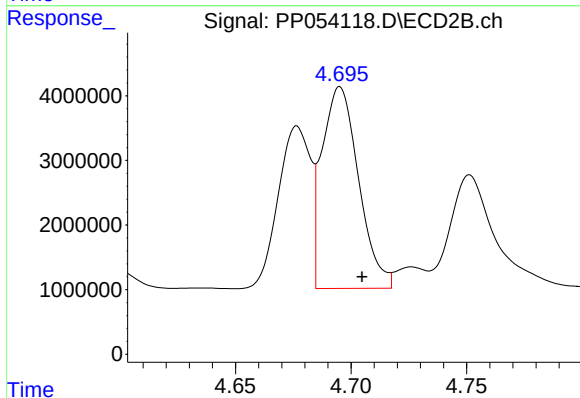
R.T.: 4.677 min
Delta R.T.: -0.009 min
Response: 24406937
Conc: 689.20 ng/ml



#17 AR-1242-2

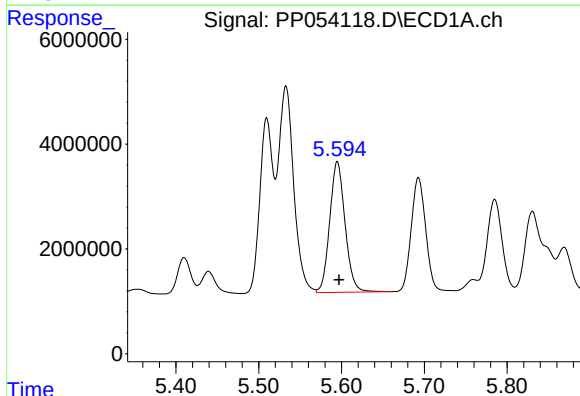
R.T.: 5.533 min
Delta R.T.: -0.001 min
Response: 50870626
Conc: 667.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



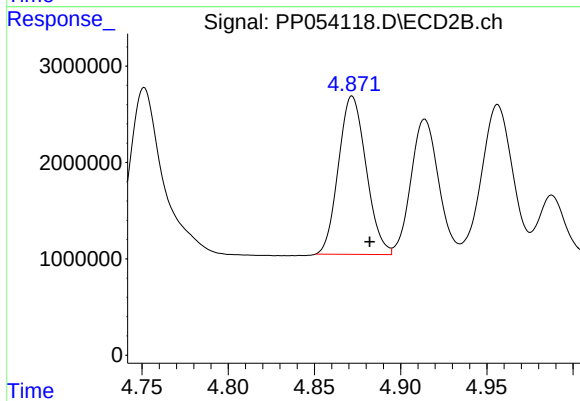
#17 AR-1242-2

R.T.: 4.695 min
Delta R.T.: -0.010 min
Response: 34398926
Conc: 716.01 ng/ml



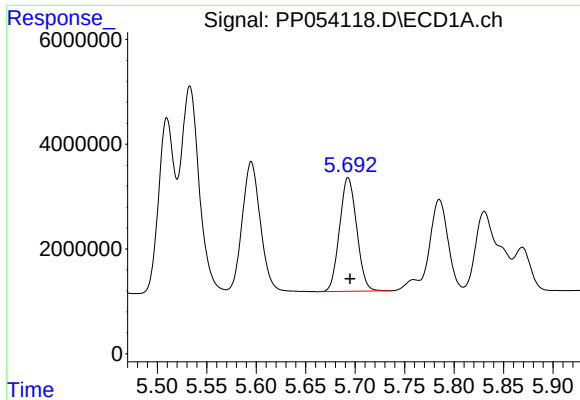
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 32155138
Conc: 656.30 ng/ml



#18 AR-1242-3

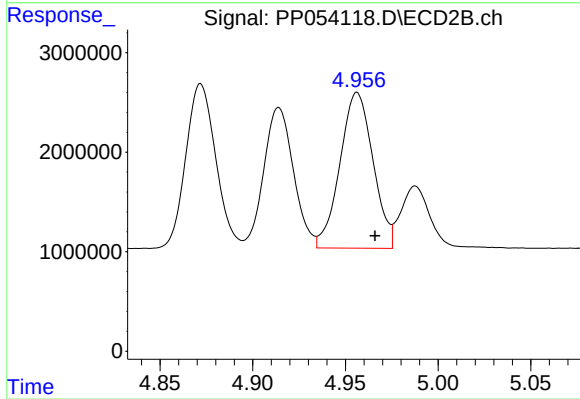
R.T.: 4.872 min
Delta R.T.: -0.010 min
Response: 18289169
Conc: 701.52 ng/ml



#19 AR-1242-4

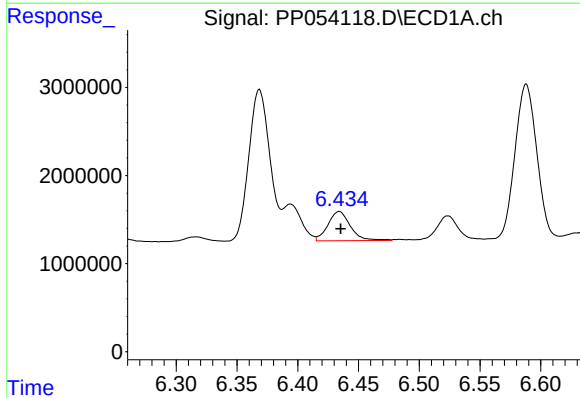
R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 26198972
Conc: 682.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



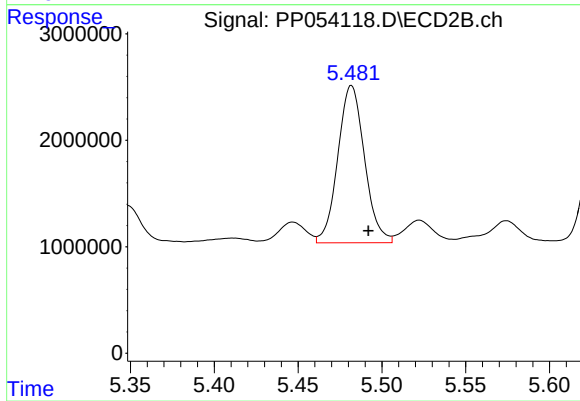
#19 AR-1242-4

R.T.: 4.956 min
Delta R.T.: -0.010 min
Response: 19428081
Conc: 681.00 ng/ml



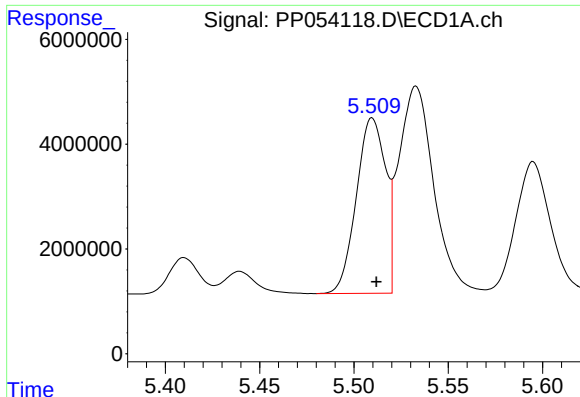
#20 AR-1242-5

R.T.: 6.434 min
Delta R.T.: -0.001 min
Response: 4289455
Conc: 105.17 ng/ml



#20 AR-1242-5

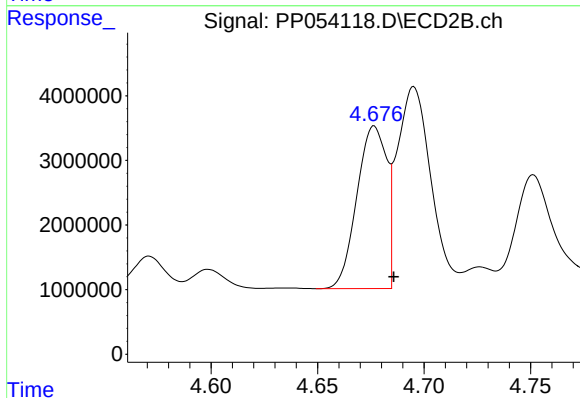
R.T.: 5.482 min
Delta R.T.: -0.010 min
Response: 16392496
Conc: 537.05 ng/ml



#21 AR-1248-1

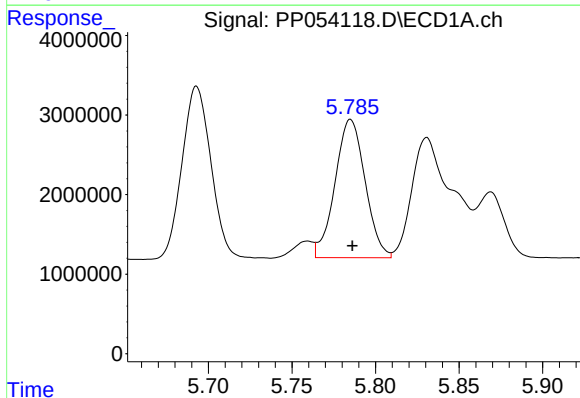
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 36072138
Conc: 855.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



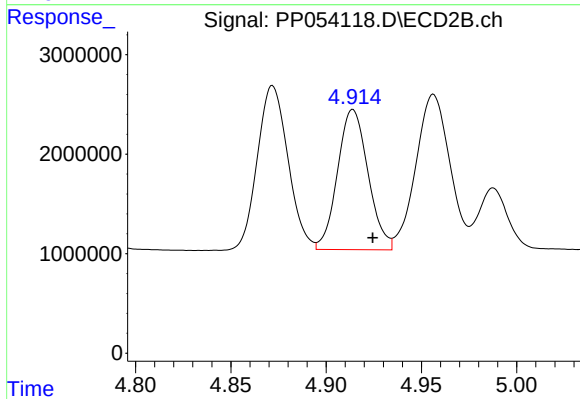
#21 AR-1248-1

R.T.: 4.677 min
Delta R.T.: -0.009 min
Response: 24406937
Conc: 857.97 ng/ml



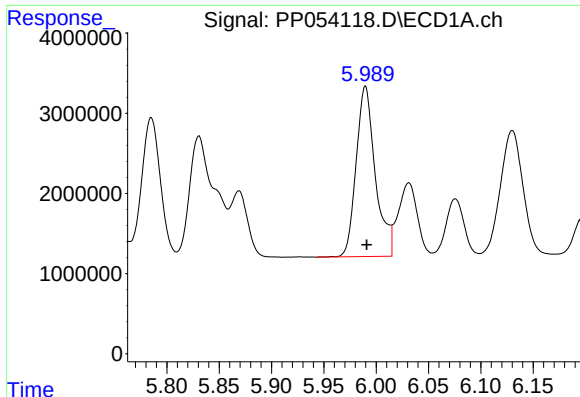
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 21800184
Conc: 344.94 ng/ml



#22 AR-1248-2

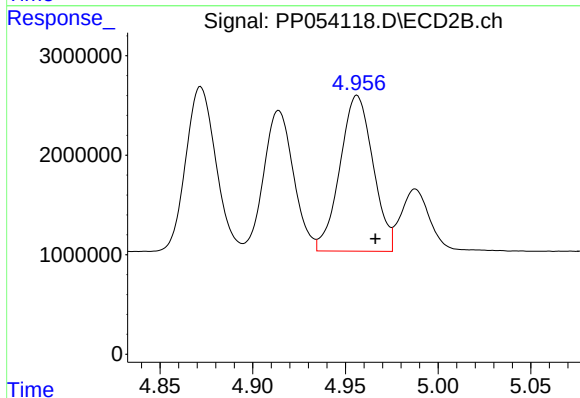
R.T.: 4.914 min
Delta R.T.: -0.010 min
Response: 15714112
Conc: 379.85 ng/ml



#23 AR-1248-3

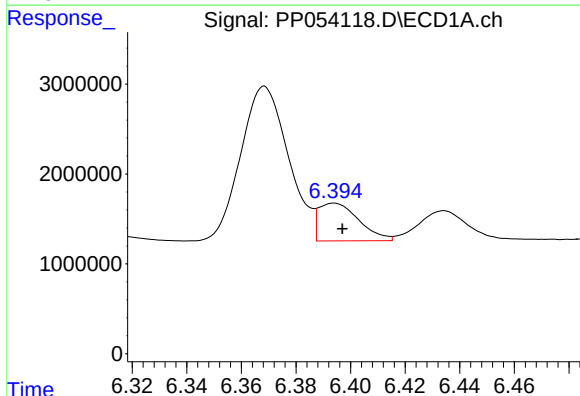
R.T.: 5.990 min
Delta R.T.: -0.001 min
Response: 27065732
Conc: 386.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



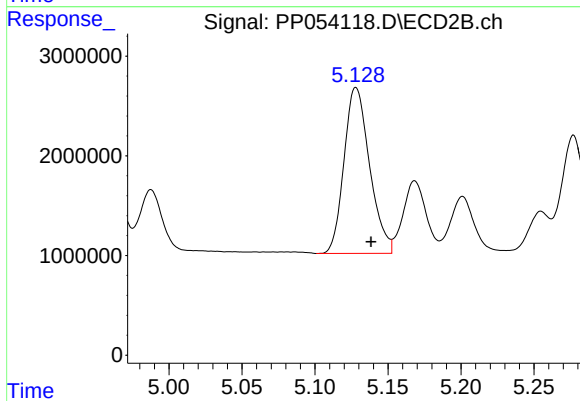
#23 AR-1248-3

R.T.: 4.956 min
Delta R.T.: -0.010 min
Response: 19428081
Conc: 462.60 ng/ml



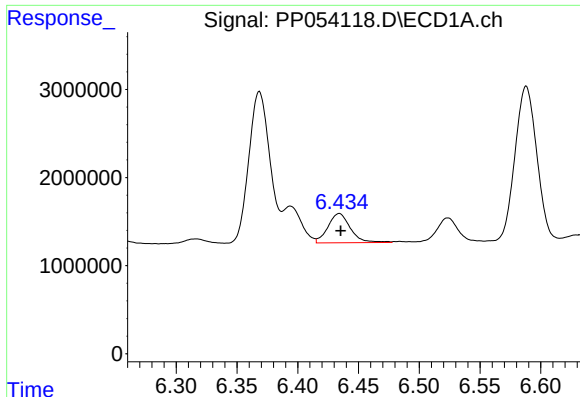
#24 AR-1248-4

R.T.: 6.394 min
Delta R.T.: -0.003 min
Response: 4296502
Conc: 60.92 ng/ml



#24 AR-1248-4

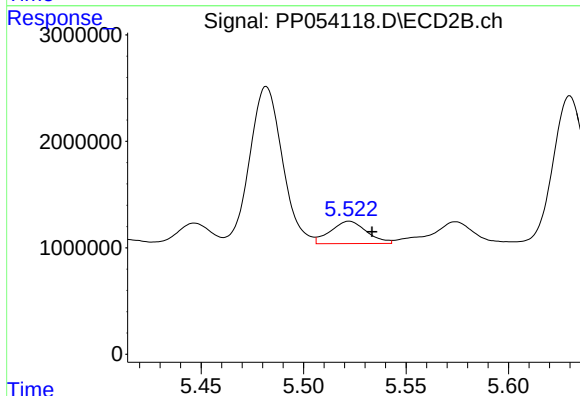
R.T.: 5.128 min
Delta R.T.: -0.010 min
Response: 20303019
Conc: 421.97 ng/ml



#25 AR-1248-5

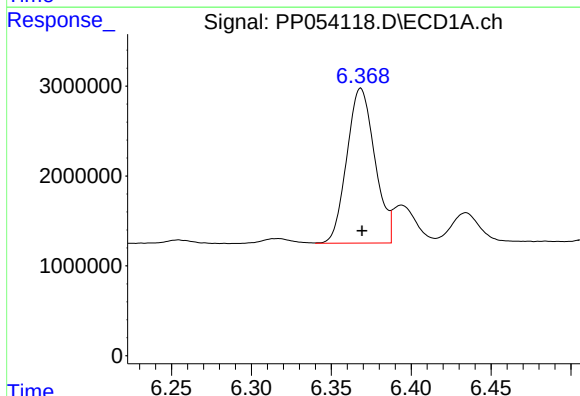
R.T.: 6.434 min
Delta R.T.: -0.001 min
Response: 4289455
Conc: 60.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



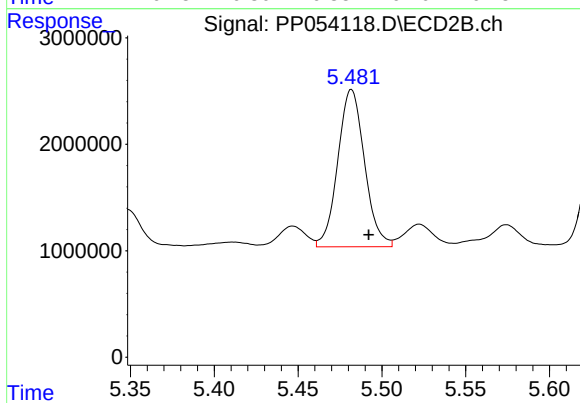
#25 AR-1248-5

R.T.: 5.522 min
Delta R.T.: -0.011 min
Response: 2581739
Conc: 68.76 ng/ml



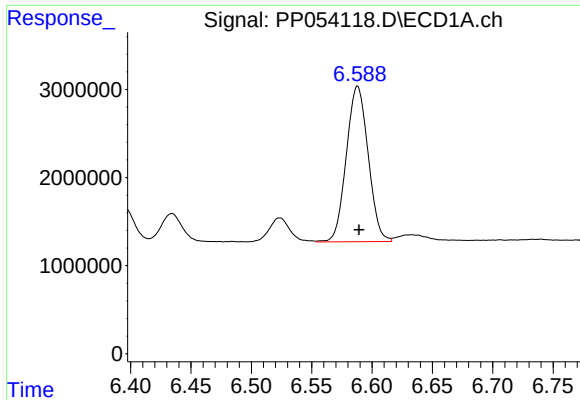
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 20954809
Conc: 270.41 ng/ml



#26 AR-1254-1

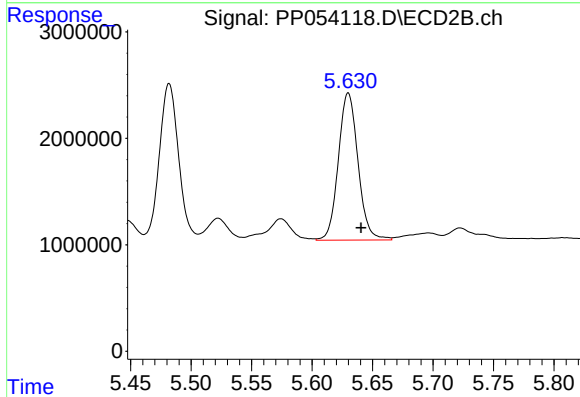
R.T.: 5.482 min
Delta R.T.: -0.010 min
Response: 16392496
Conc: 250.33 ng/ml



#27 AR-1254-2

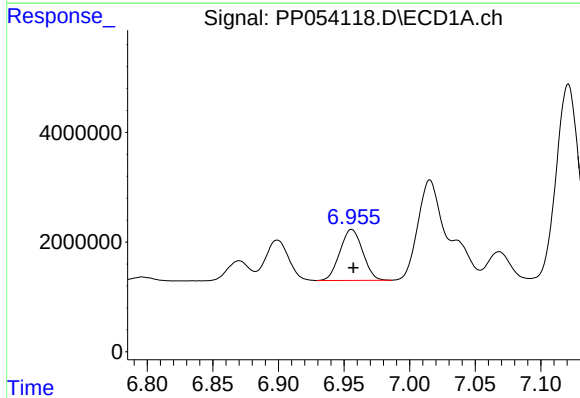
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 22276567
Conc: 191.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



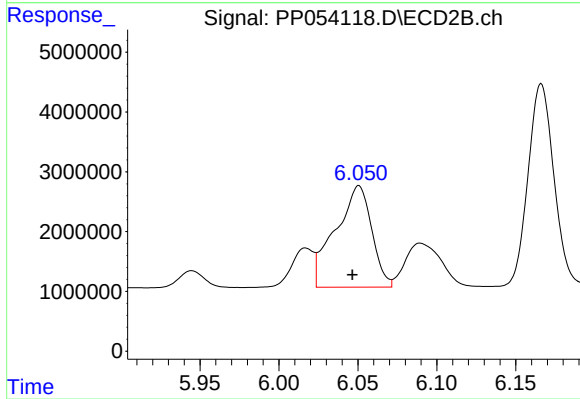
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.011 min
Response: 15643254
Conc: 268.23 ng/ml



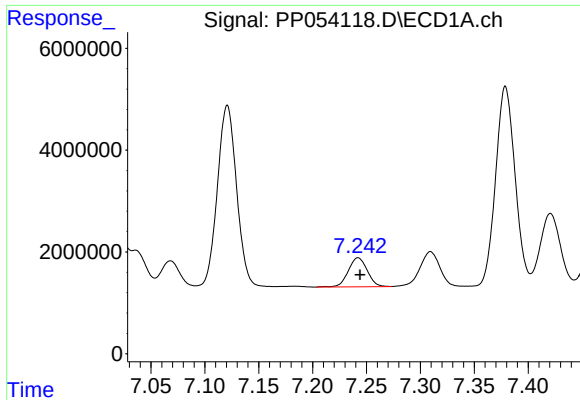
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: -0.001 min
Response: 11214082
Conc: 95.74 ng/ml



#28 AR-1254-3

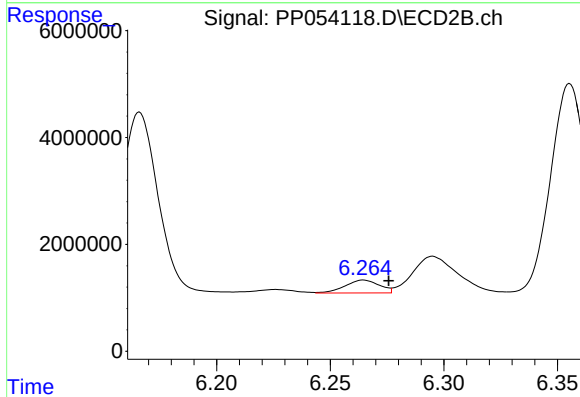
R.T.: 6.051 min
Delta R.T.: 0.004 min
Response: 27175523
Conc: 308.91 ng/ml



#29 AR-1254-4

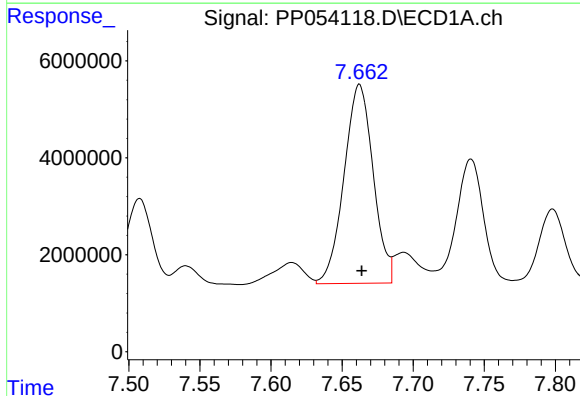
R.T.: 7.242 min
Delta R.T.: -0.002 min
Response: 6995860
Conc: 88.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



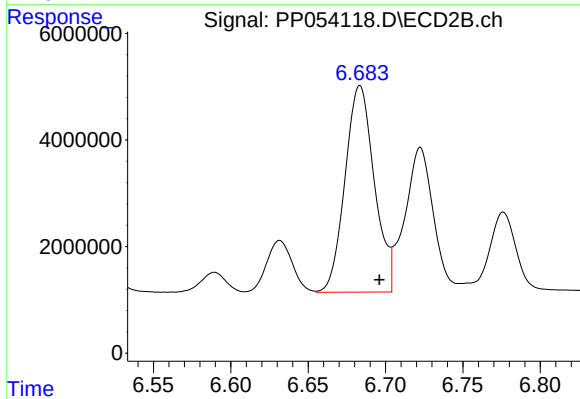
#29 AR-1254-4

R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 2514089
Conc: 54.87 ng/ml



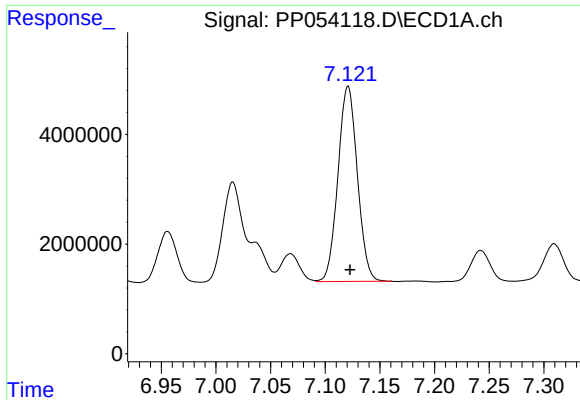
#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 58589138
Conc: 600.76 ng/ml



#30 AR-1254-5

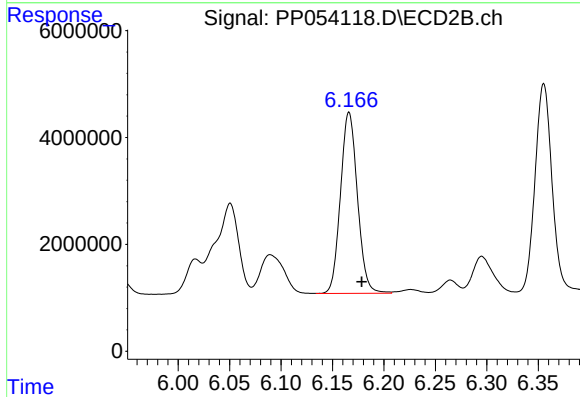
R.T.: 6.683 min
Delta R.T.: -0.013 min
Response: 51018151
Conc: 654.63 ng/ml



#31 AR-1260-1

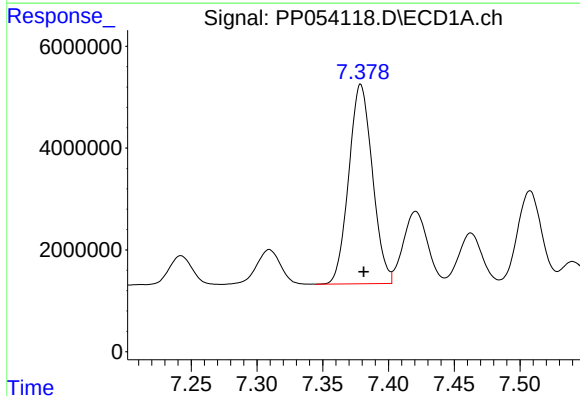
R.T.: 7.121 min
Delta R.T.: -0.002 min
Response: 44032362
Conc: 455.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



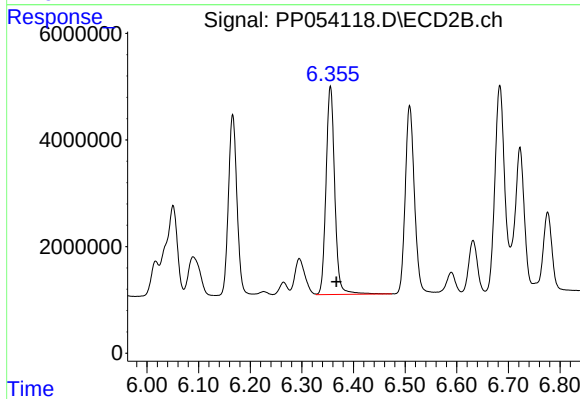
#31 AR-1260-1

R.T.: 6.166 min
Delta R.T.: -0.012 min
Response: 38959221
Conc: 597.27 ng/ml



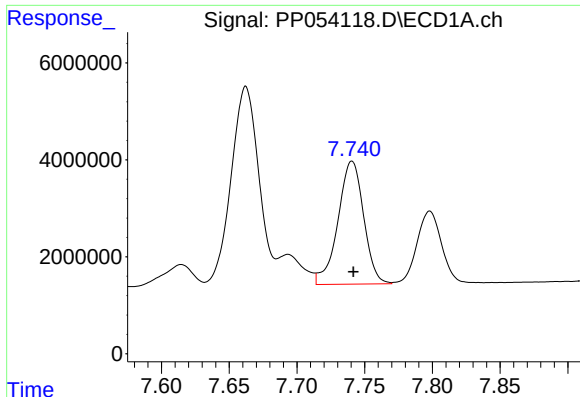
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 49017542
Conc: 443.71 ng/ml



#32 AR-1260-2

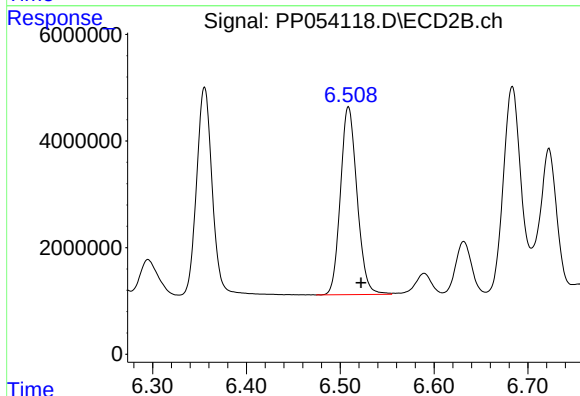
R.T.: 6.355 min
Delta R.T.: -0.012 min
Response: 45809130
Conc: 608.31 ng/ml



#33 AR-1260-3

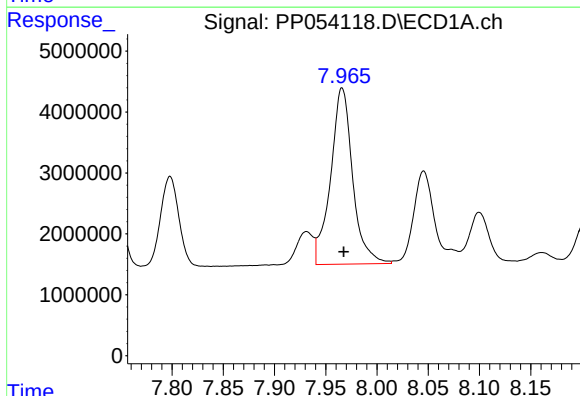
R.T.: 7.741 min
Delta R.T.: -0.001 min
Response: 33549397
Conc: 443.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



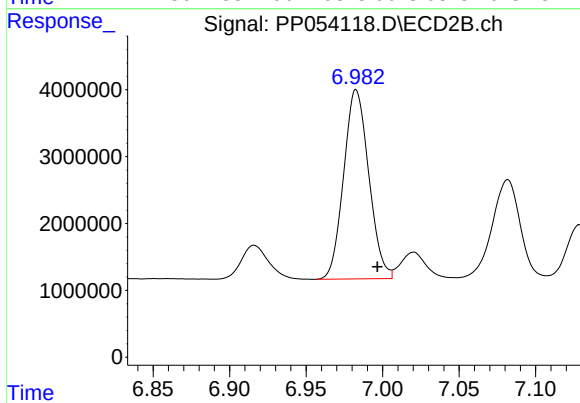
#33 AR-1260-3

R.T.: 6.509 min
Delta R.T.: -0.013 min
Response: 43354096
Conc: 598.12 ng/ml



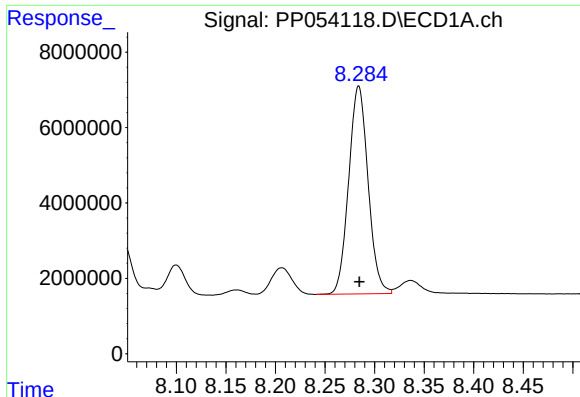
#34 AR-1260-4

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 43328499
Conc: 461.65 ng/ml



#34 AR-1260-4

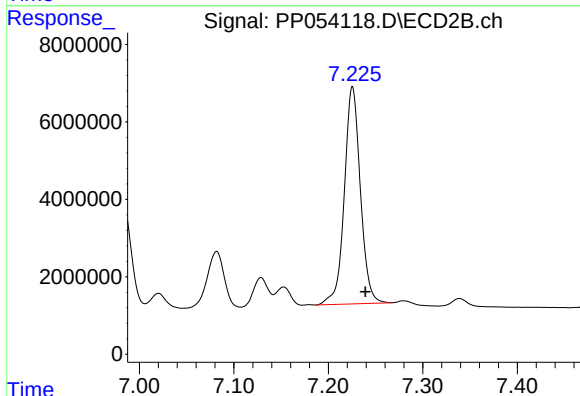
R.T.: 6.983 min
Delta R.T.: -0.014 min
Response: 32426543
Conc: 597.63 ng/ml



#35 AR-1260-5

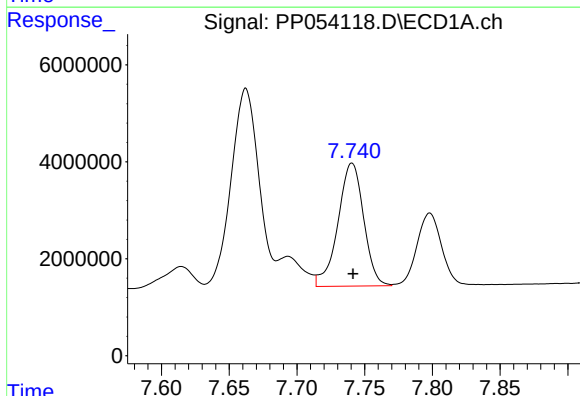
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 75074713
Conc: 473.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



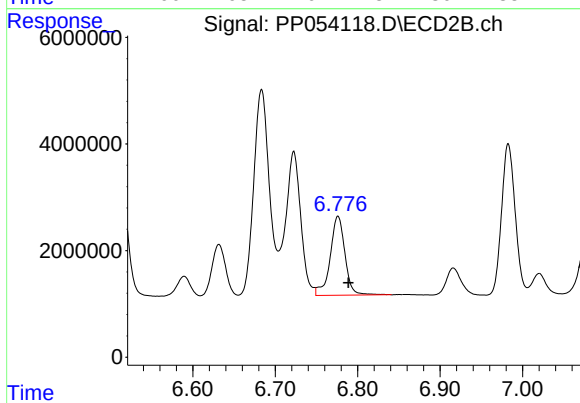
#35 AR-1260-5

R.T.: 7.226 min
Delta R.T.: -0.014 min
Response: 66237852
Conc: 553.90 ng/ml



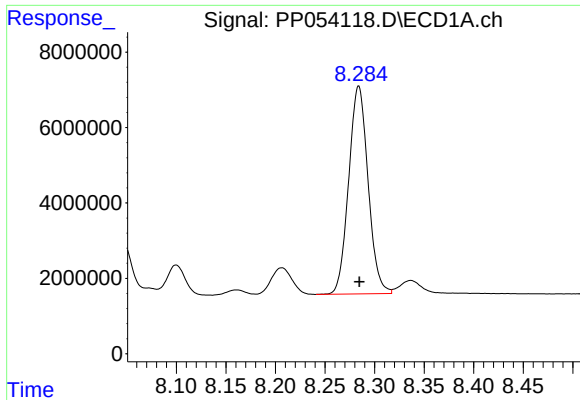
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 33549397
Conc: 280.26 ng/ml



#36 AR-1262-1

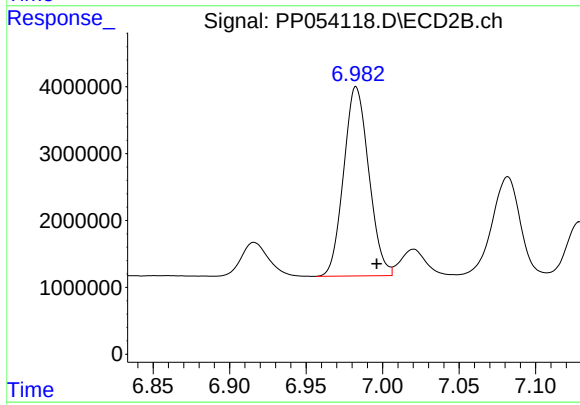
R.T.: 6.776 min
Delta R.T.: -0.013 min
Response: 18527816
Conc: 519.49 ng/ml



#37 AR-1262-2

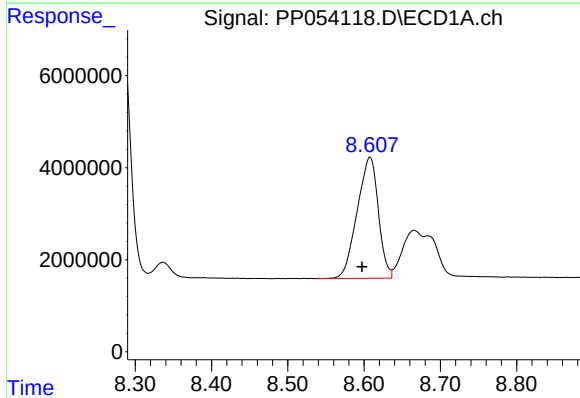
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 75074713
Conc: 391.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



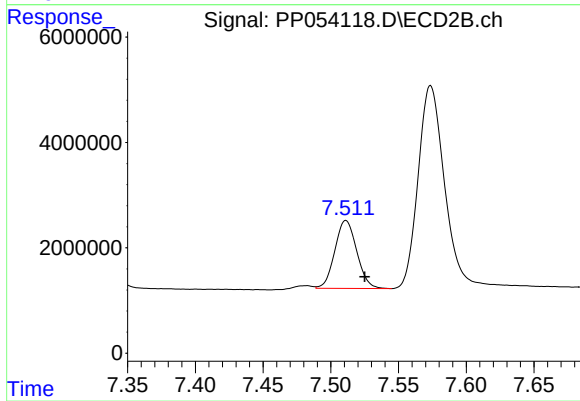
#37 AR-1262-2

R.T.: 6.983 min
Delta R.T.: -0.013 min
Response: 32426543
Conc: 417.16 ng/ml



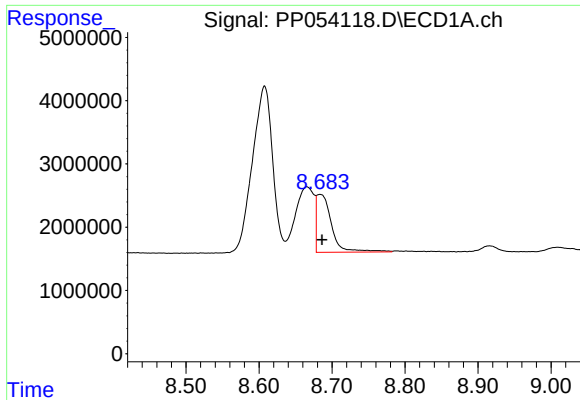
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: 0.010 min
Response: 50749740
Conc: 366.25 ng/ml



#38 AR-1262-3

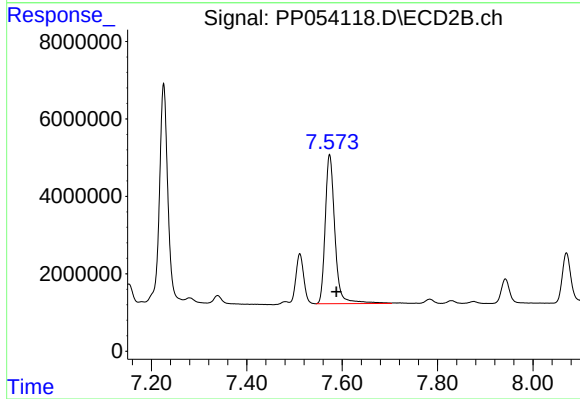
R.T.: 7.511 min
Delta R.T.: -0.014 min
Response: 14563267
Conc: 231.15 ng/ml



#39 AR-1262-4

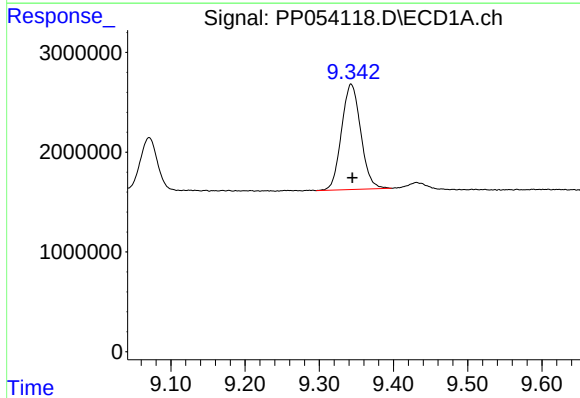
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 13043795
Conc: 209.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



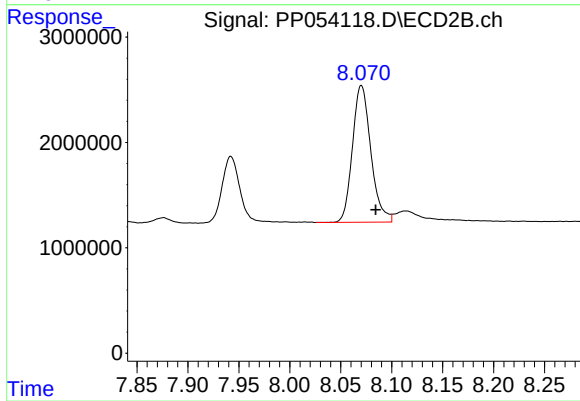
#39 AR-1262-4

R.T.: 7.574 min
Delta R.T.: -0.014 min
Response: 54251104
Conc: 474.48 ng/ml



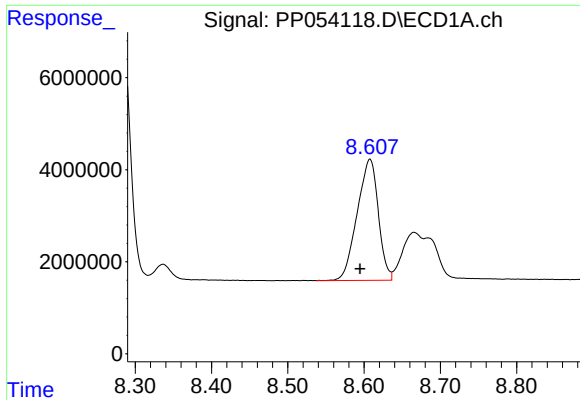
#40 AR-1262-5

R.T.: 9.343 min
Delta R.T.: -0.002 min
Response: 19032723
Conc: 269.34 ng/ml



#40 AR-1262-5

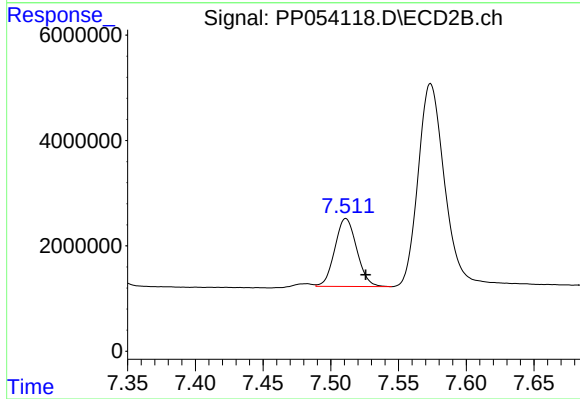
R.T.: 8.070 min
Delta R.T.: -0.014 min
Response: 16350050
Conc: 328.21 ng/ml



#41 AR-1268-1

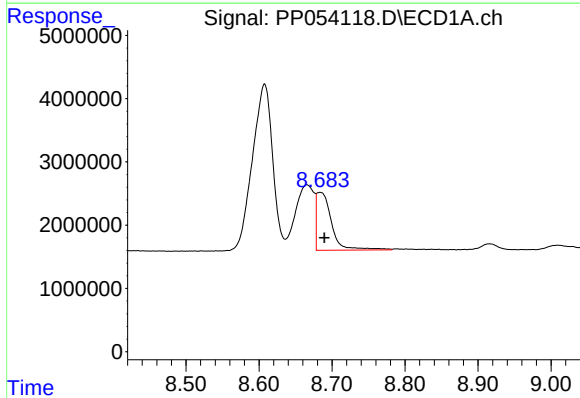
R.T.: 8.608 min
Delta R.T.: 0.013 min
Response: 50749740
Conc: 207.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



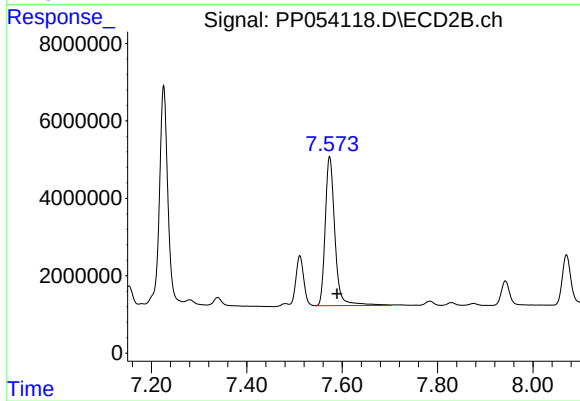
#41 AR-1268-1

R.T.: 7.511 min
Delta R.T.: -0.015 min
Response: 14563267
Conc: 80.49 ng/ml



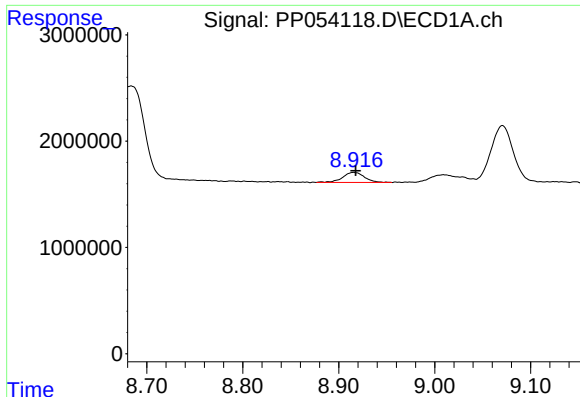
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: -0.006 min
Response: 13043795
Conc: 57.39 ng/ml



#42 AR-1268-2

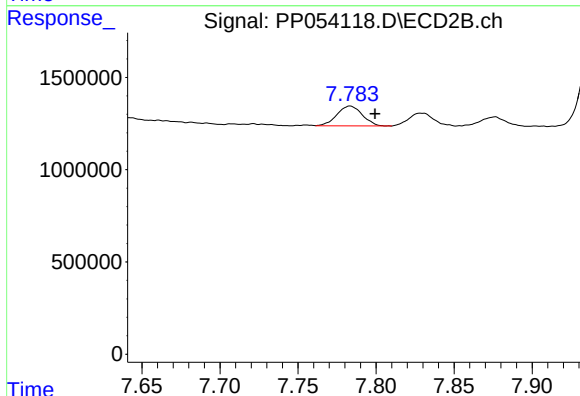
R.T.: 7.574 min
Delta R.T.: -0.016 min
Response: 54251104
Conc: 317.91 ng/ml



#43 AR-1268-3

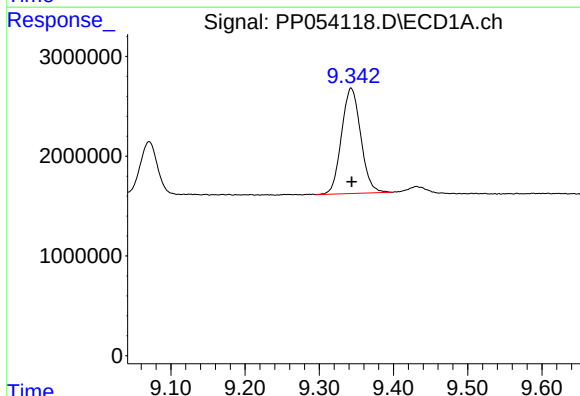
R.T.: 8.916 min
Delta R.T.: -0.002 min
Response: 1495247
Conc: 7.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



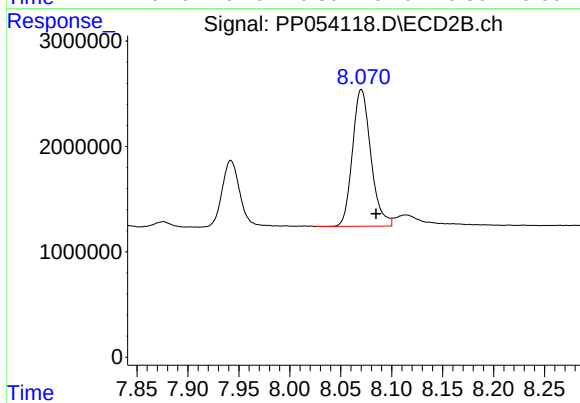
#43 AR-1268-3

R.T.: 7.783 min
Delta R.T.: -0.016 min
Response: 1216150
Conc: 8.23 ng/ml



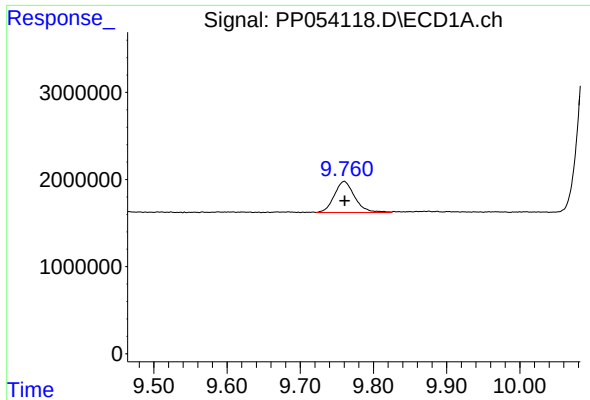
#44 AR-1268-4

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 19032723
Conc: 247.25 ng/ml



#44 AR-1268-4

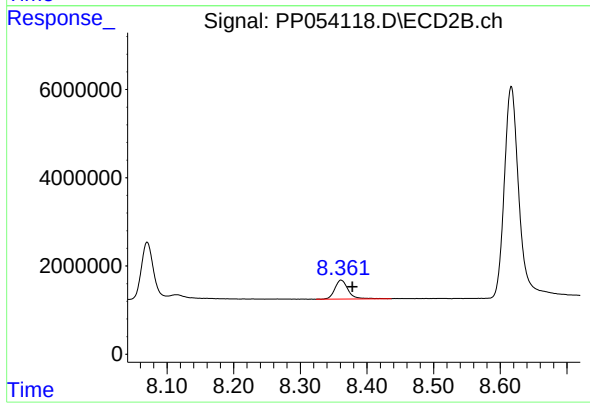
R.T.: 8.070 min
Delta R.T.: -0.014 min
Response: 16350050
Conc: 293.37 ng/ml



#45 AR-1268-5

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 6979519
Conc: 11.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.361 min
Delta R.T.: -0.017 min
Response: 6060747
Conc: 12.82 ng/ml