

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011223\
 Data File : PP054502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2023 08:50
 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: Jan 12 20:24:22 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...	4.336	3.585	110.3E6	81704636	54.478	50.654
2)	SA Decachlor...	10.097	8.604	64029319	75048272	44.583	53.201
Target Compounds							
3)	L1 AR-1016-1	5.507	4.688	34746950	67687265	470.209	1300.868 #
4)	L1 AR-1016-2	5.530	4.688	49505025	67687265	463.883	945.055 #
5)	L1 AR-1016-3	5.592	4.865	30671318	20617567	448.324	525.584
6)	L1 AR-1016-4	5.690	4.907	21681988	16806389	416.445	488.361
7)	L1 AR-1016-5	5.986	5.120	20811527	24226129	459.652	551.003
8)	L2 AR-1221-1	4.540	3.797	3826784	2981251	159.156	156.018
9)	L2 AR-1221-2	4.632	3.884	5907582	4273489	333.442	289.830
10)	L2 AR-1221-3	4.708	3.959	21812435	16454188	404.696	370.461
11)	L3 AR-1232-1	4.708	3.959	21812435	16454188	484.920	442.100
12)	L3 AR-1232-2	5.238	4.688	31102394	67687265	1191.924	1262.931
13)	L3 AR-1232-3	5.530	4.865	49505025	20617567	1076.211	1241.827
14)	L3 AR-1232-4	5.690	4.949	21681988	22359757	968.273	1332.901 #
15)	L3 AR-1232-5	5.781	5.120	18095032	24226129	1016.801	1341.805 #
16)	L4 AR-1242-1	5.507	4.688	34746950	67687265	585.189	1603.298 #
17)	L4 AR-1242-2	5.530	4.688	49505025	67687265	579.050	1162.644 #
18)	L4 AR-1242-3	5.592	4.865	30671318	20617567	561.358	644.683
19)	L4 AR-1242-4	5.690	4.949	21681988	22359757	517.333	640.969
20)	L4 AR-1242-5	6.431	5.473	5696900	23547470	173.557	625.859 #
21)	L5 AR-1248-1	5.507	4.688	34746950	67687265	773.931	2080.860 #
22)	L5 AR-1248-2	5.781	4.907	18095032	16806389	284.792	340.320
23)	L5 AR-1248-3	5.986	4.949	20811527	22359757	351.102	433.284
24)	L5 AR-1248-4	6.392	5.120	6853866	24226129	118.317	410.502 #
25)	L5 AR-1248-5	6.431	5.513	5696900	6811082	102.674	137.335 #
26)	L6 AR-1254-1	6.366	5.473	16932174	23547470	272.506	274.588
27)	L6 AR-1254-2	6.585	5.621	15333886	18697955	163.393	251.687 #
28)	L6 AR-1254-3	6.953	6.041	6950349	29931533	73.219	257.870 #
29)	L6 AR-1254-4	7.239	6.255	6671873	2473409	98.355	39.291 #
30)	L6 AR-1254-5	7.659	6.674	46296381	51082650	609.014	534.239
31)	L7 AR-1260-1	7.117	6.157	36311912	44354794	465.810	523.597
32)	L7 AR-1260-2	7.376	6.345	42417620	50664263	473.578	529.739
33)	L7 AR-1260-3	7.738	6.499	31287855	47348763	457.853	518.012
34)	L7 AR-1260-4	7.963	6.973	35716578	38895926	448.300	513.105
35)	L7 AR-1260-5	8.281	7.216	64021335	82209965	446.392	518.983
36)	L8 AR-1262-1	7.738	6.766	31287855	21677456	371.923	530.951 #
37)	L8 AR-1262-2	8.281	6.973	64021335	38895926	452.390	449.255
38)	L8 AR-1262-3	8.604	7.502	42632333	18398720	411.704	275.597 #
39)	L8 AR-1262-4	8.681	7.564	12369922	59318264	244.342	506.903 #
40)	L8 AR-1262-5	9.339	8.061	19085475	18600377	339.743	337.646
41)	L9 AR-1268-1	8.604	7.502	42632333	18398720	218.703	90.605 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011223\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jan 2023 08:50
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

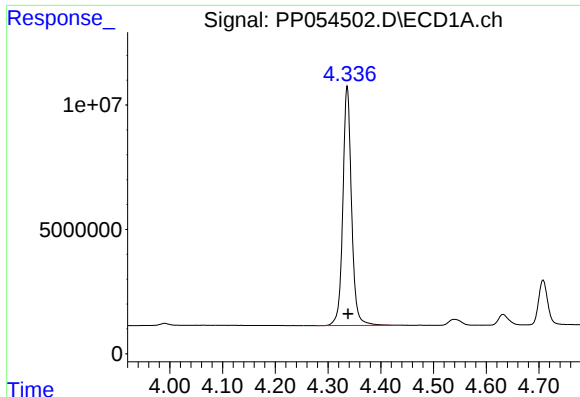
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 12 20:24:22 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
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.681	7.564	12369922	59318264	70.094	321.989 #
43)	L9 AR-1268-3	8.914	7.773	957737	1159203	6.174	6.781
44)	L9 AR-1268-4	9.339	8.061	19085475	18600377	278.935	294.396
45)	L9 AR-1268-5	9.756	8.351	5884935	6824985	11.544	13.946

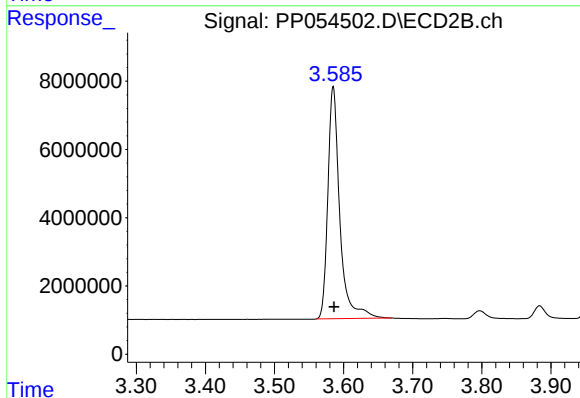
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

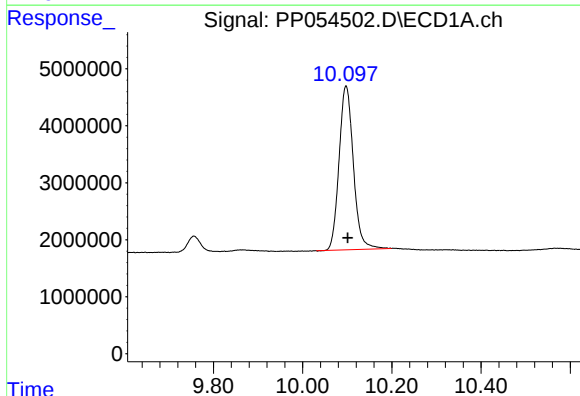
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 110321240
Conc: 54.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



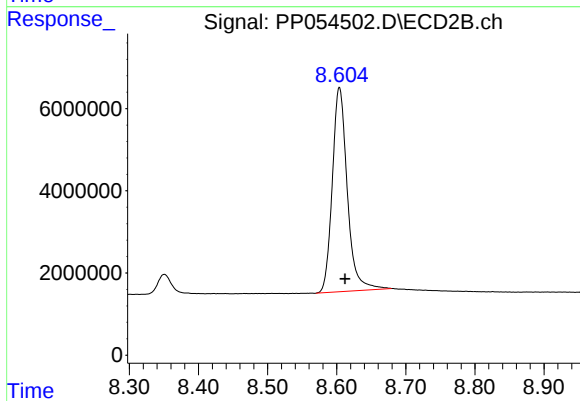
#1 Tetrachloro-m-xylene

R.T.: 3.585 min
Delta R.T.: -0.001 min
Response: 81704636
Conc: 50.65 ng/ml



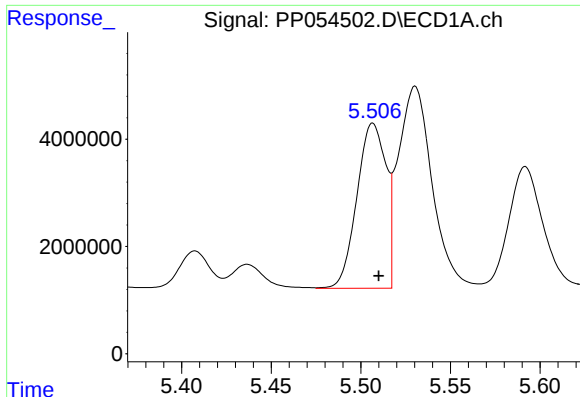
#2 Decachlorobiphenyl

R.T.: 10.097 min
Delta R.T.: -0.004 min
Response: 64029319
Conc: 44.58 ng/ml



#2 Decachlorobiphenyl

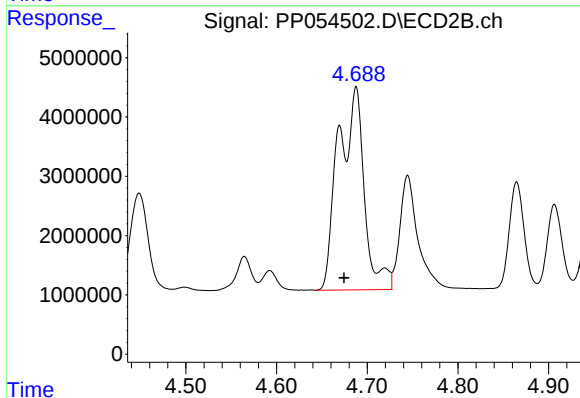
R.T.: 8.604 min
Delta R.T.: -0.008 min
Response: 75048272
Conc: 53.20 ng/ml



#3 AR-1016-1

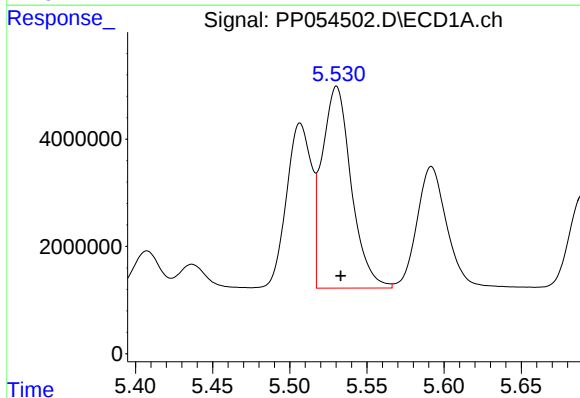
R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 34746950
Conc: 470.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



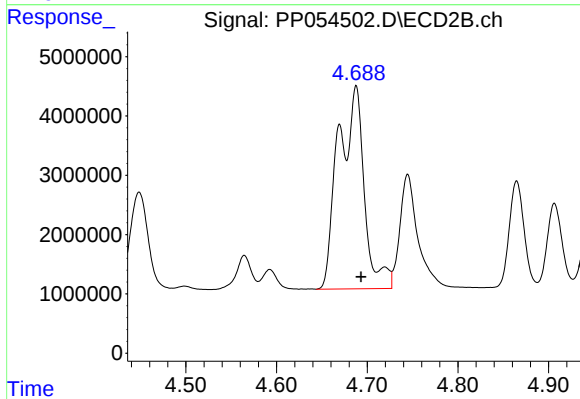
#3 AR-1016-1

R.T.: 4.688 min
Delta R.T.: 0.013 min
Response: 67687265
Conc: 1300.87 ng/ml



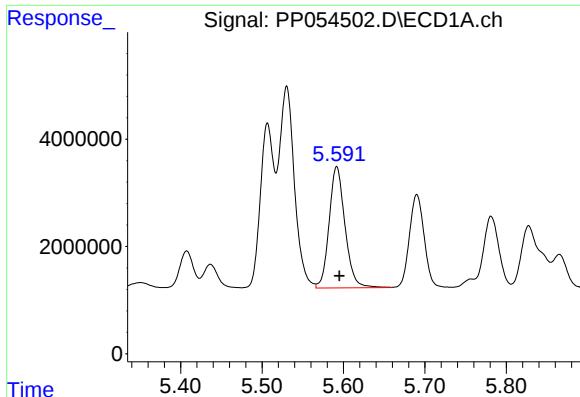
#4 AR-1016-2

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 49505025
Conc: 463.88 ng/ml



#4 AR-1016-2

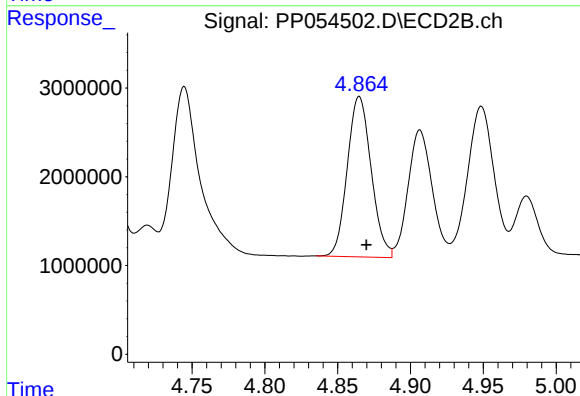
R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 67687265
Conc: 945.05 ng/ml



#5 AR-1016-3

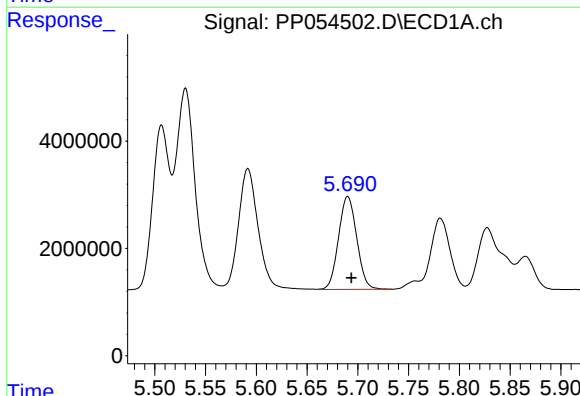
R.T.: 5.592 min
Delta R.T.: -0.003 min
Response: 30671318
Conc: 448.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



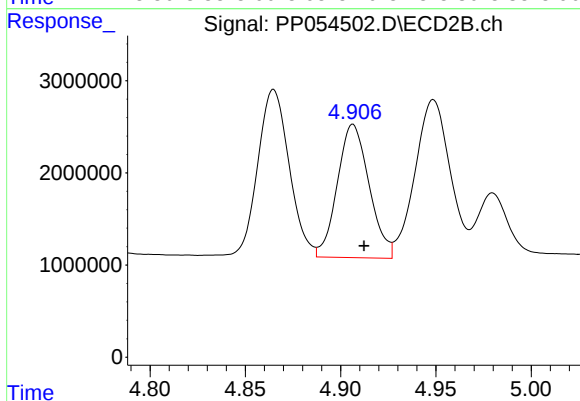
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: -0.005 min
Response: 20617567
Conc: 525.58 ng/ml



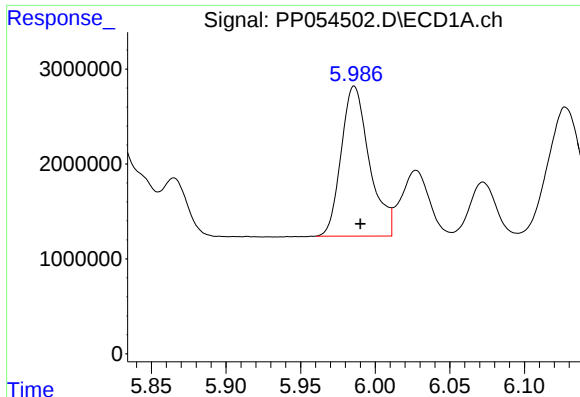
#6 AR-1016-4

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 21681988
Conc: 416.44 ng/ml



#6 AR-1016-4

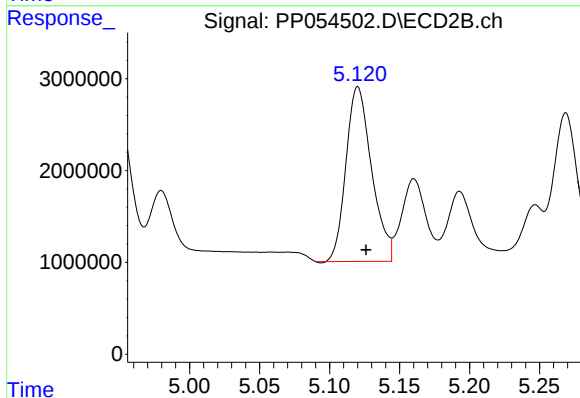
R.T.: 4.907 min
Delta R.T.: -0.006 min
Response: 16806389
Conc: 488.36 ng/ml



#7 AR-1016-5

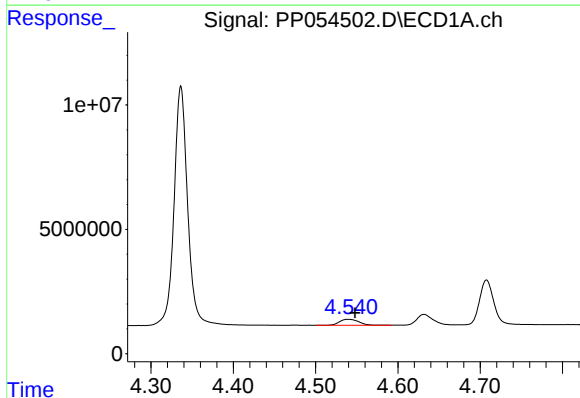
R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 20811527
Conc: 459.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



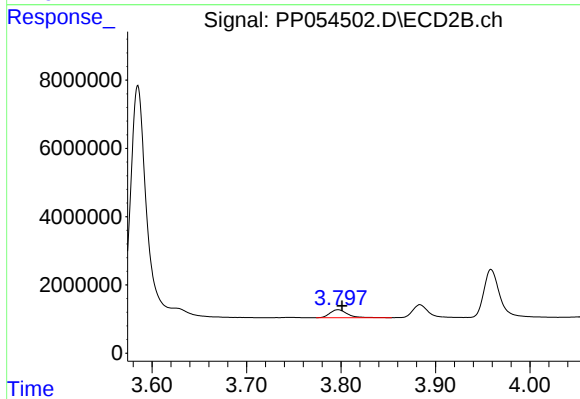
#7 AR-1016-5

R.T.: 5.120 min
Delta R.T.: -0.006 min
Response: 24226129
Conc: 551.00 ng/ml



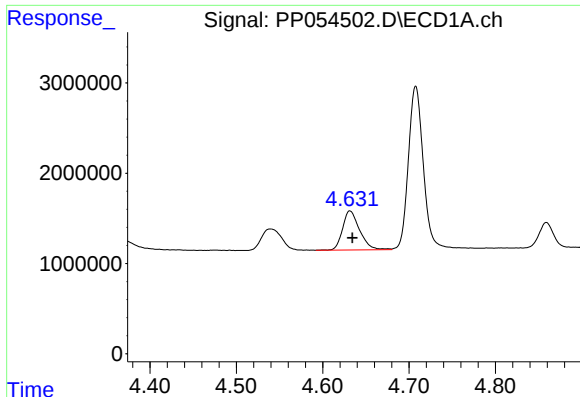
#8 AR-1221-1

R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 3826784
Conc: 159.16 ng/ml



#8 AR-1221-1

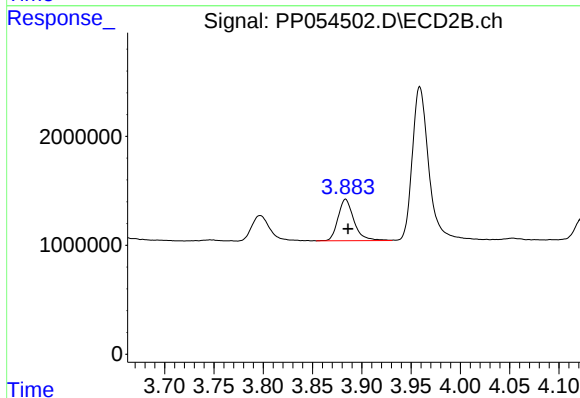
R.T.: 3.797 min
Delta R.T.: -0.004 min
Response: 2981251
Conc: 156.02 ng/ml



#9 AR-1221-2

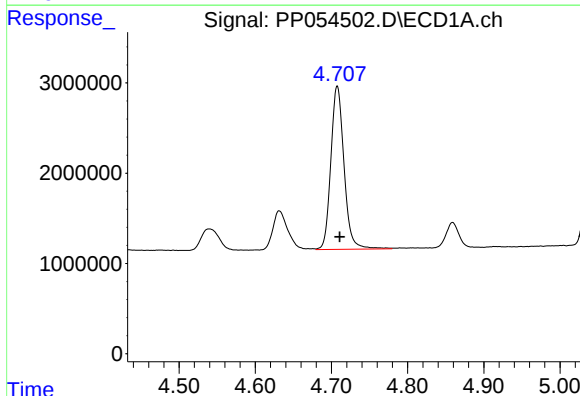
R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 5907582
Conc: 333.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



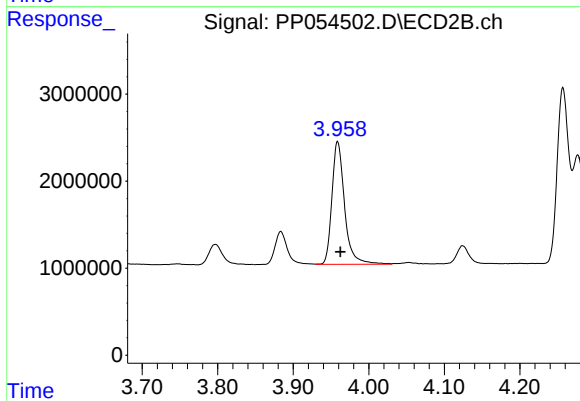
#9 AR-1221-2

R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 4273489
Conc: 289.83 ng/ml



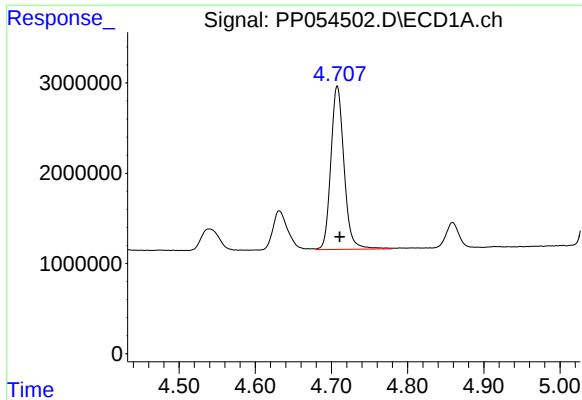
#10 AR-1221-3

R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 21812435
Conc: 404.70 ng/ml



#10 AR-1221-3

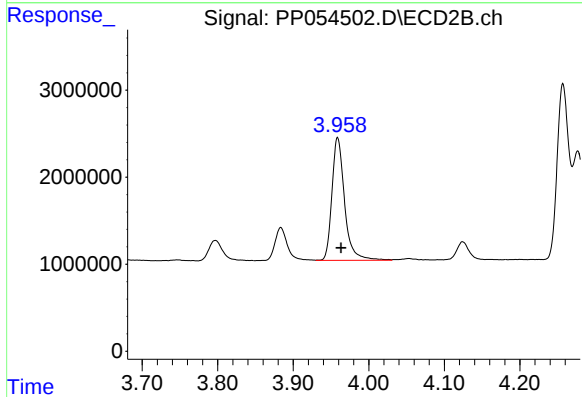
R.T.: 3.959 min
Delta R.T.: -0.004 min
Response: 16454188
Conc: 370.46 ng/ml



#11 AR-1232-1

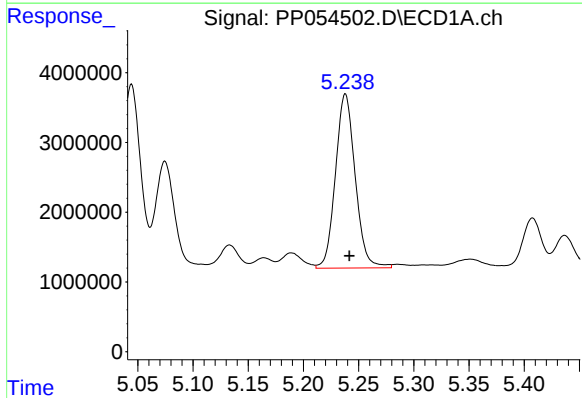
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 21812435
Conc: 484.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



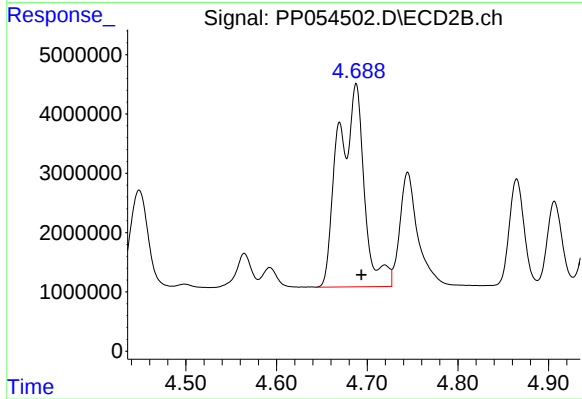
#11 AR-1232-1

R.T.: 3.959 min
Delta R.T.: -0.004 min
Response: 16454188
Conc: 442.10 ng/ml



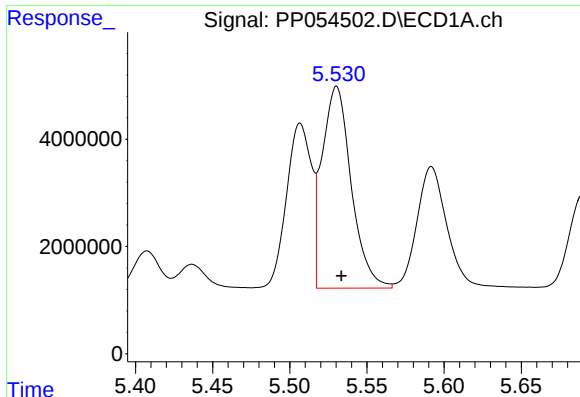
#12 AR-1232-2

R.T.: 5.238 min
Delta R.T.: -0.004 min
Response: 31102394
Conc: 1191.92 ng/ml



#12 AR-1232-2

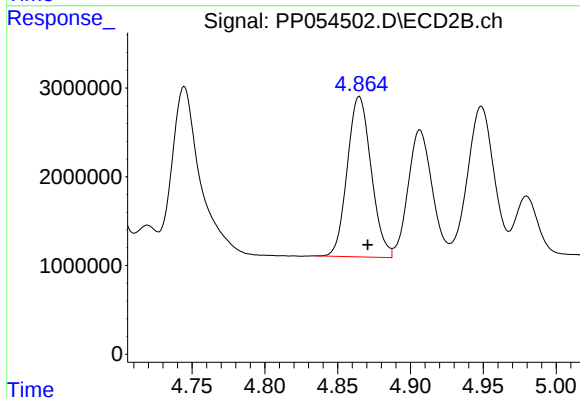
R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 67687265
Conc: 1262.93 ng/ml



#13 AR-1232-3

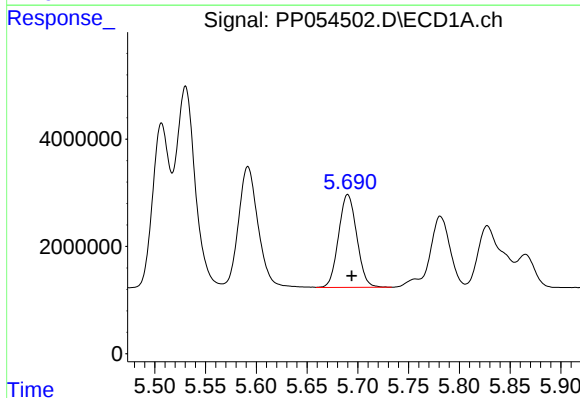
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 49505025
Conc: 1076.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



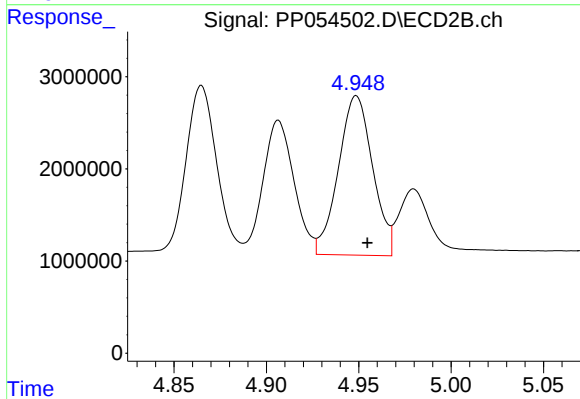
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: -0.006 min
Response: 20617567
Conc: 1241.83 ng/ml



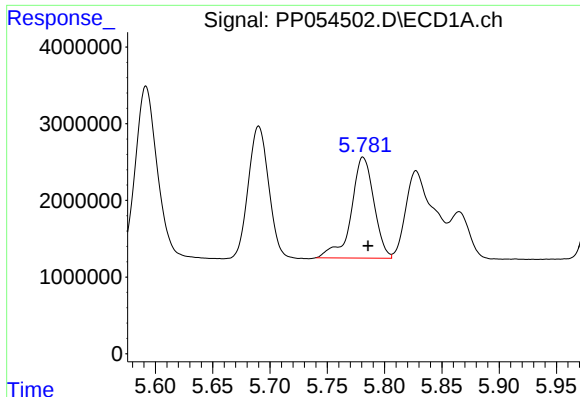
#14 AR-1232-4

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 21681988
Conc: 968.27 ng/ml



#14 AR-1232-4

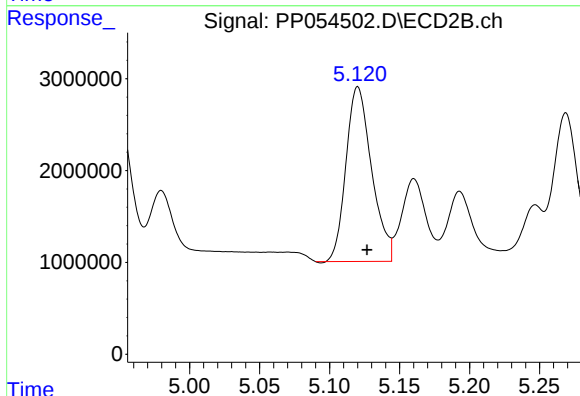
R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 22359757
Conc: 1332.90 ng/ml



#15 AR-1232-5

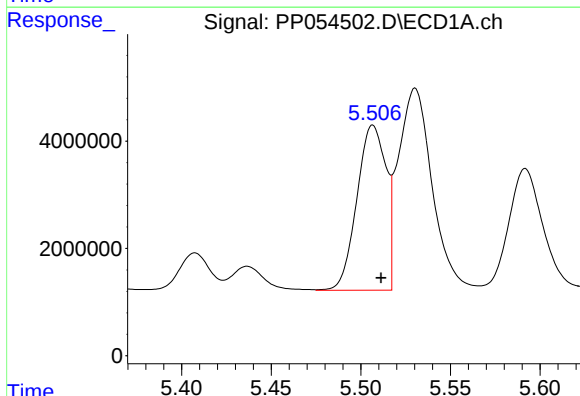
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 18095032
Conc: 1016.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



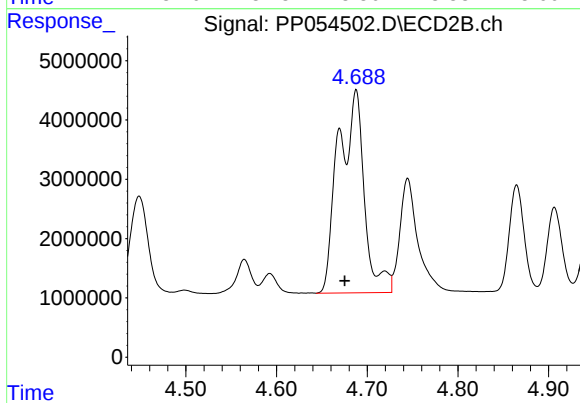
#15 AR-1232-5

R.T.: 5.120 min
Delta R.T.: -0.006 min
Response: 24226129
Conc: 1341.80 ng/ml



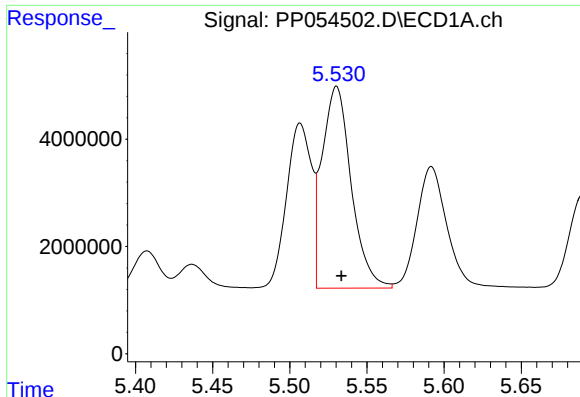
#16 AR-1242-1

R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 34746950
Conc: 585.19 ng/ml



#16 AR-1242-1

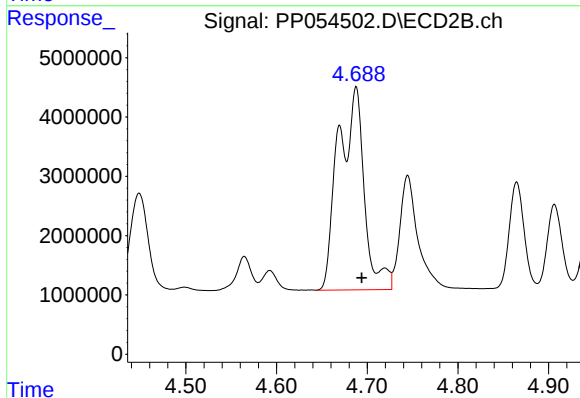
R.T.: 4.688 min
Delta R.T.: 0.012 min
Response: 67687265
Conc: 1603.30 ng/ml



#17 AR-1242-2

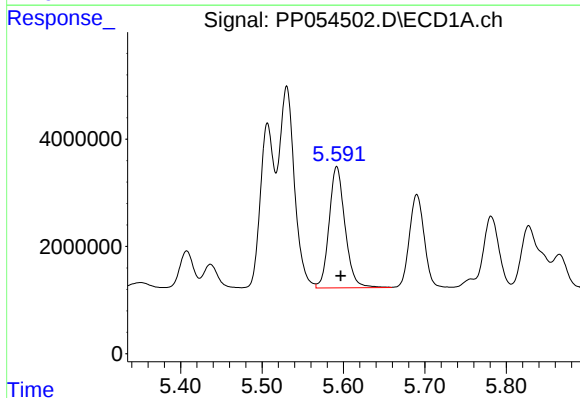
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 49505025
Conc: 579.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



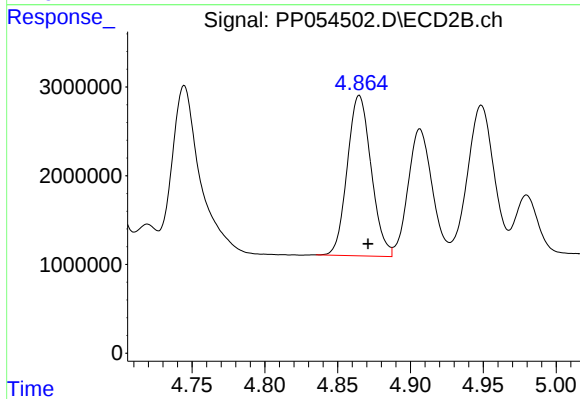
#17 AR-1242-2

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 67687265
Conc: 1162.64 ng/ml



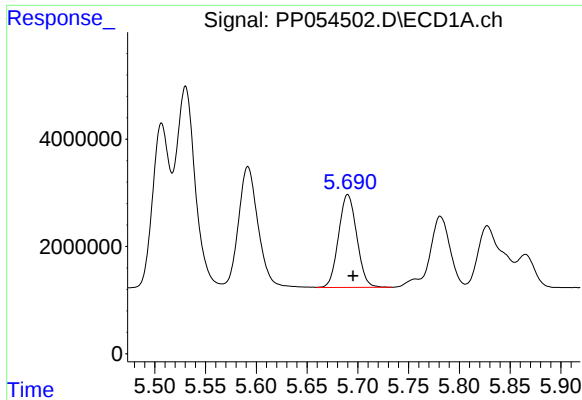
#18 AR-1242-3

R.T.: 5.592 min
Delta R.T.: -0.005 min
Response: 30671318
Conc: 561.36 ng/ml



#18 AR-1242-3

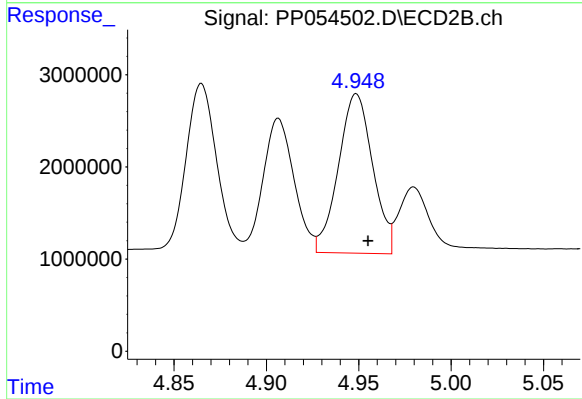
R.T.: 4.865 min
Delta R.T.: -0.006 min
Response: 20617567
Conc: 644.68 ng/ml



#19 AR-1242-4

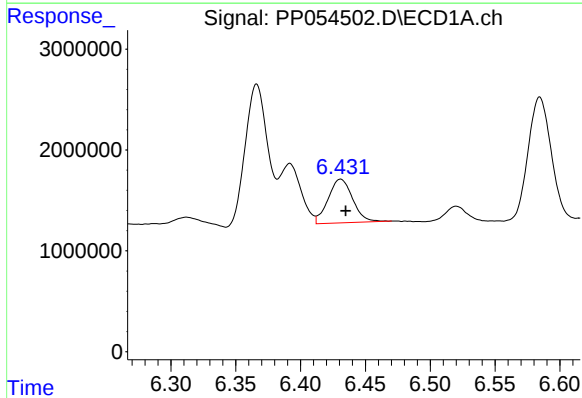
R.T.: 5.690 min
Delta R.T.: -0.005 min
Response: 21681988
Conc: 517.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



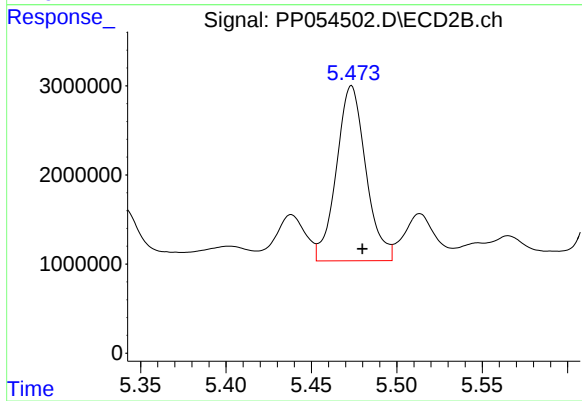
#19 AR-1242-4

R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 22359757
Conc: 640.97 ng/ml



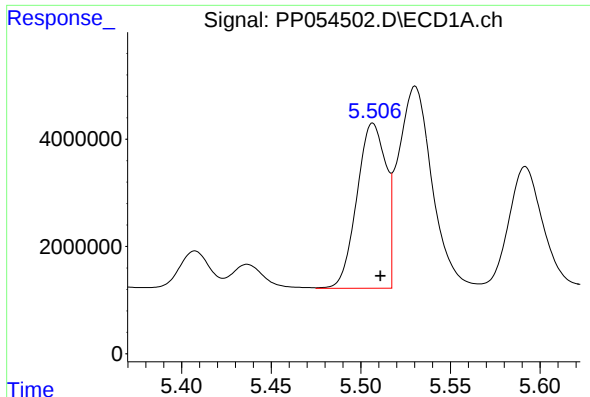
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 5696900
Conc: 173.56 ng/ml



#20 AR-1242-5

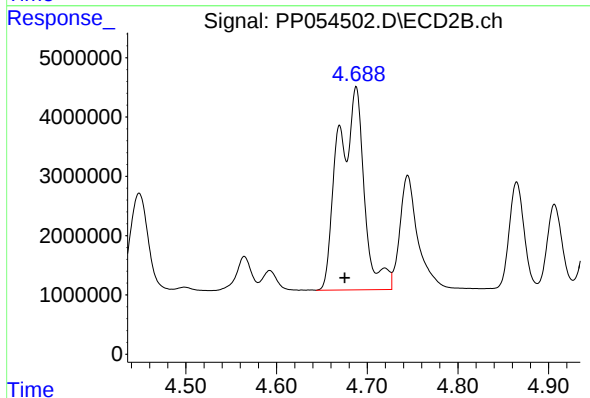
R.T.: 5.473 min
Delta R.T.: -0.006 min
Response: 23547470
Conc: 625.86 ng/ml



#21 AR-1248-1

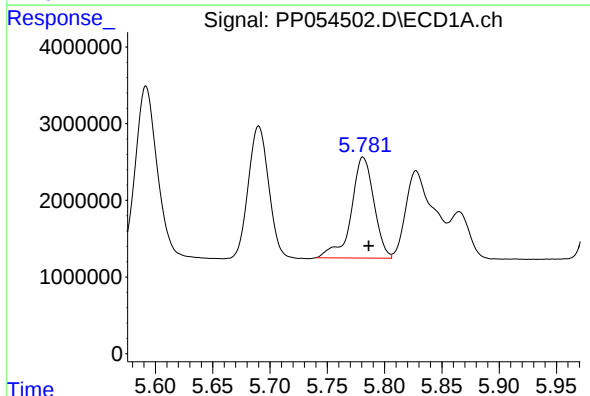
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 34746950
Conc: 773.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



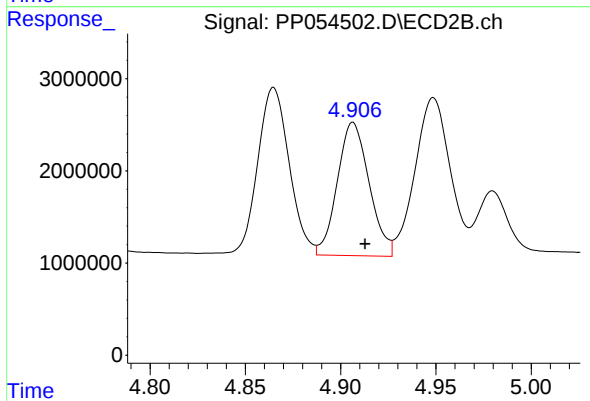
#21 AR-1248-1

R.T.: 4.688 min
Delta R.T.: 0.012 min
Response: 67687265
Conc: 2080.86 ng/ml



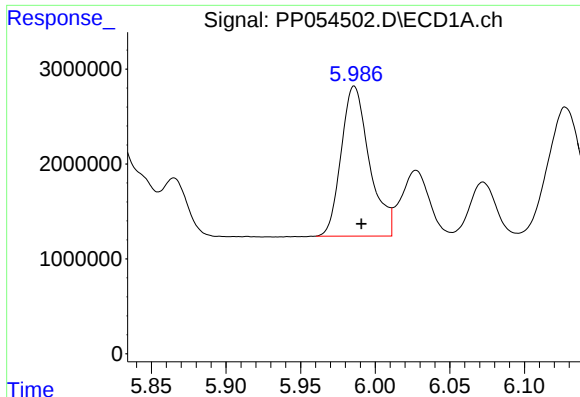
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 18095032
Conc: 284.79 ng/ml



#22 AR-1248-2

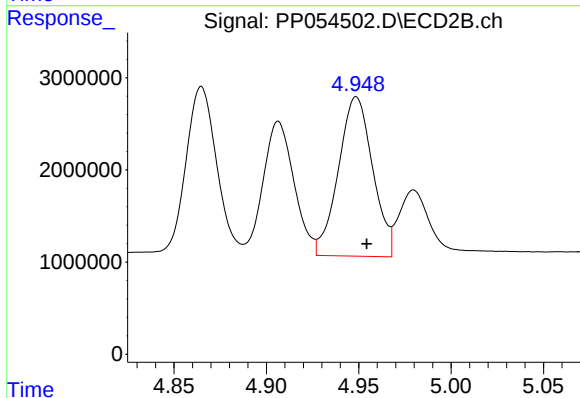
R.T.: 4.907 min
Delta R.T.: -0.006 min
Response: 16806389
Conc: 340.32 ng/ml



#23 AR-1248-3

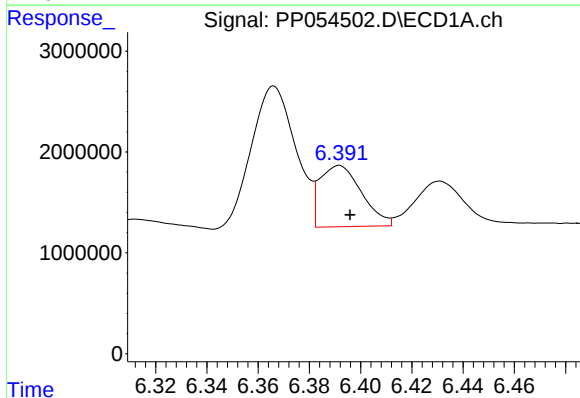
R.T.: 5.986 min
Delta R.T.: -0.005 min
Response: 20811527
Conc: 351.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



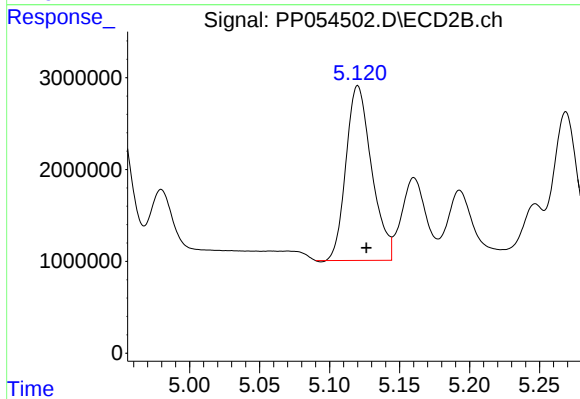
#23 AR-1248-3

R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 22359757
Conc: 433.28 ng/ml



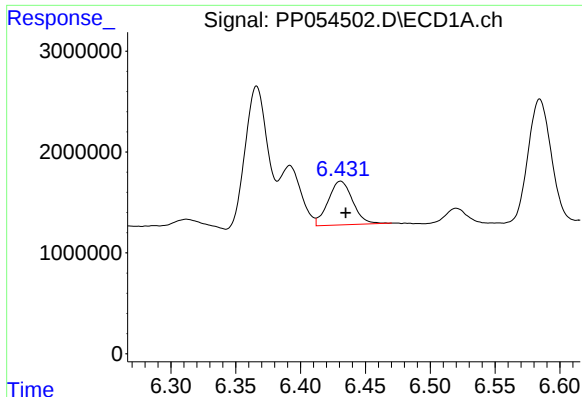
#24 AR-1248-4

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 6853866
Conc: 118.32 ng/ml



#24 AR-1248-4

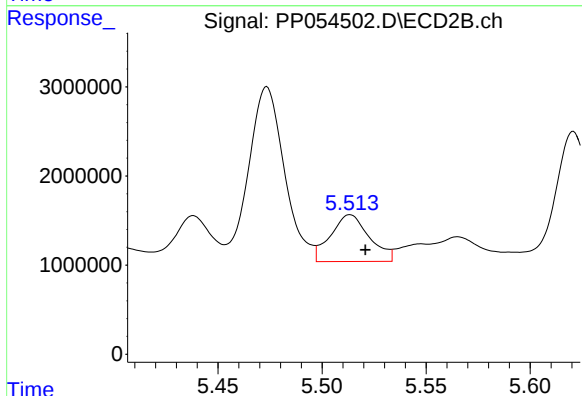
R.T.: 5.120 min
Delta R.T.: -0.006 min
Response: 24226129
Conc: 410.50 ng/ml



#25 AR-1248-5

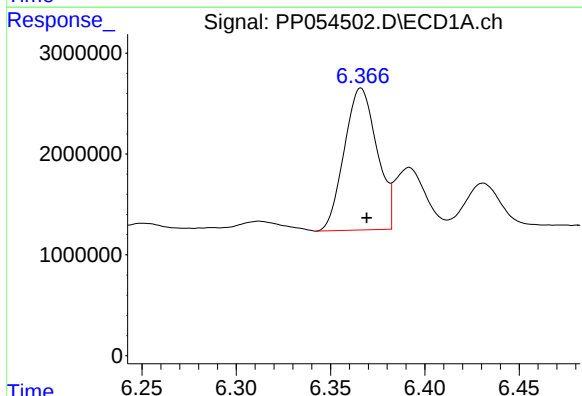
R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 5696900
Conc: 102.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



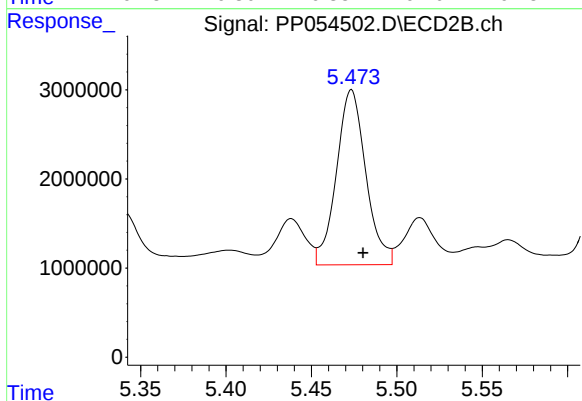
#25 AR-1248-5

R.T.: 5.513 min
Delta R.T.: -0.007 min
Response: 6811082
Conc: 137.34 ng/ml



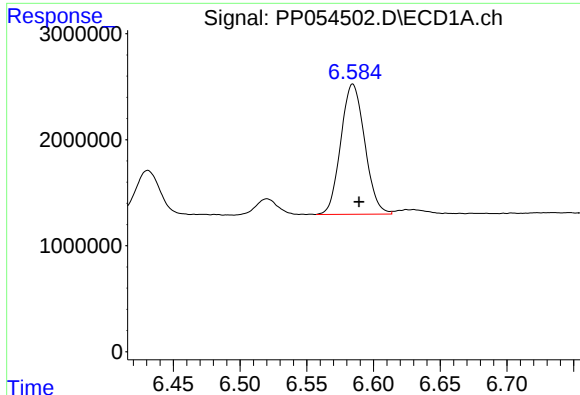
#26 AR-1254-1

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 16932174
Conc: 272.51 ng/ml



#26 AR-1254-1

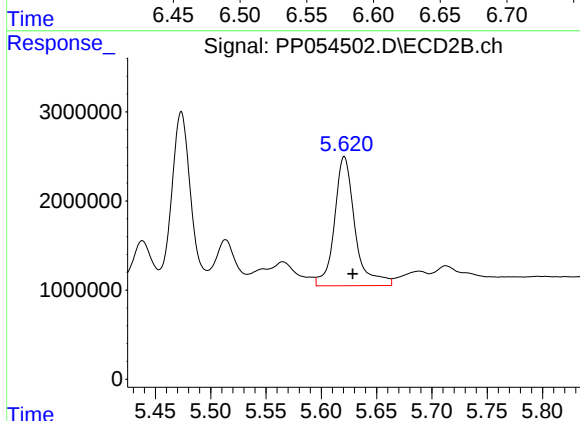
R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 23547470
Conc: 274.59 ng/ml



#27 AR-1254-2

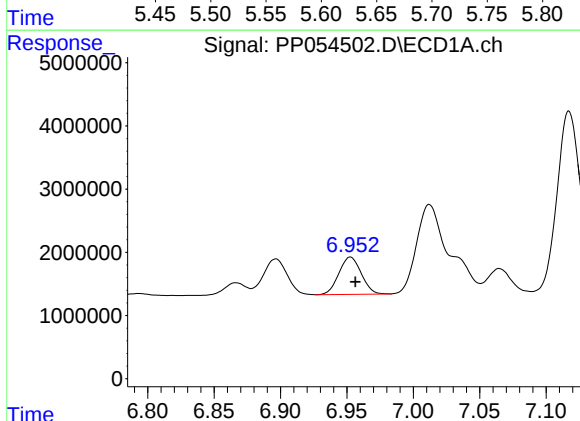
R.T.: 6.585 min
Delta R.T.: -0.005 min
Response: 15333886
Conc: 163.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



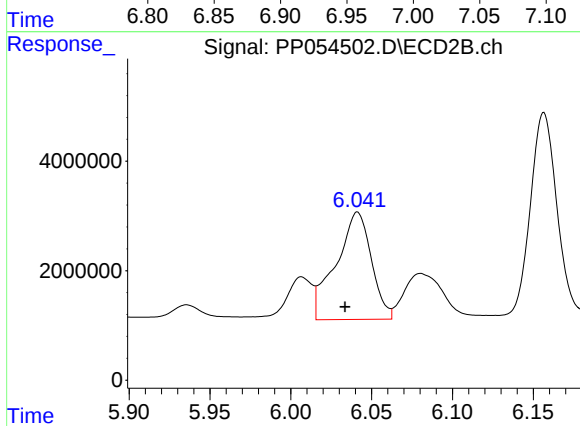
#27 AR-1254-2

R.T.: 5.621 min
Delta R.T.: -0.007 min
Response: 18697955
Conc: 251.69 ng/ml



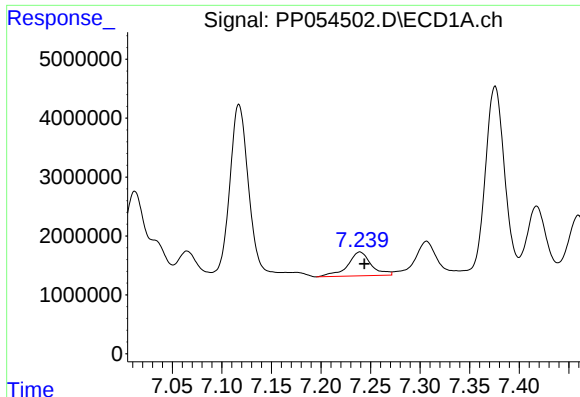
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 6950349
Conc: 73.22 ng/ml



#28 AR-1254-3

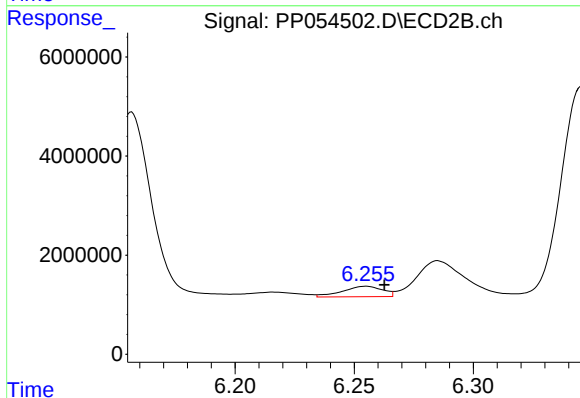
R.T.: 6.041 min
Delta R.T.: 0.008 min
Response: 29931533
Conc: 257.87 ng/ml



#29 AR-1254-4

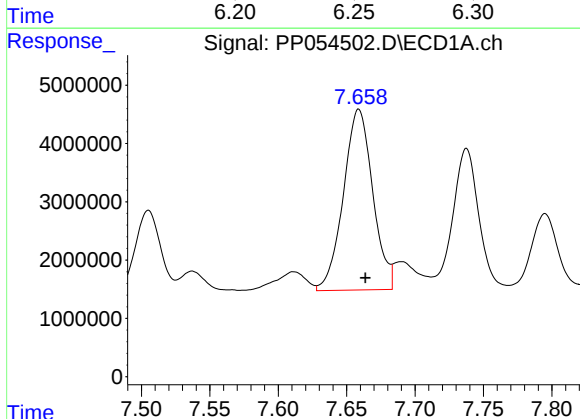
R.T.: 7.239 min
Delta R.T.: -0.004 min
Response: 6671873
Conc: 98.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



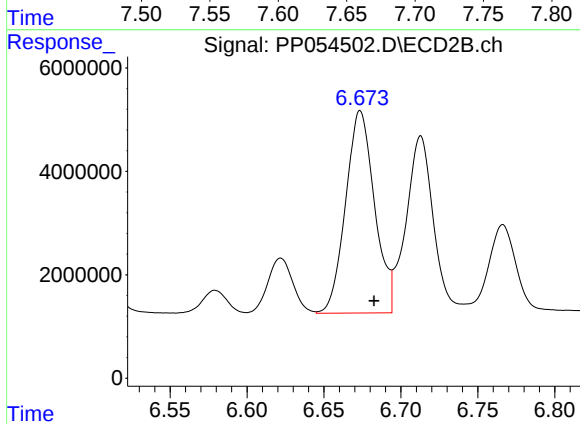
#29 AR-1254-4

R.T.: 6.255 min
Delta R.T.: -0.008 min
Response: 2473409
Conc: 39.29 ng/ml



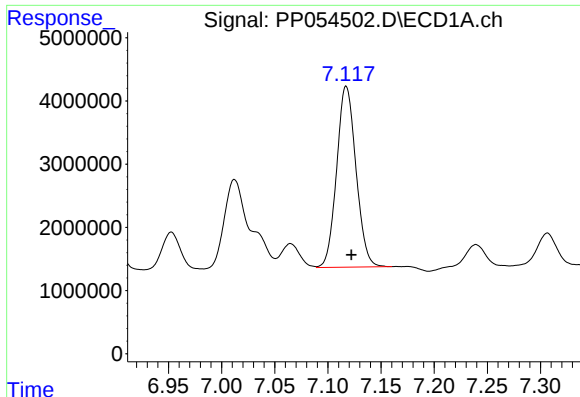
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.005 min
Response: 46296381
Conc: 609.01 ng/ml



#30 AR-1254-5

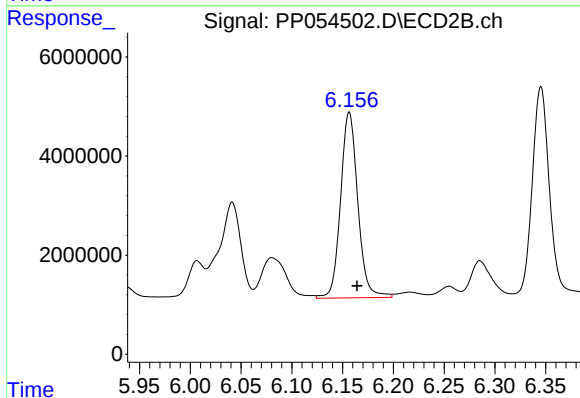
R.T.: 6.674 min
Delta R.T.: -0.009 min
Response: 51082650
Conc: 534.24 ng/ml



#31 AR-1260-1

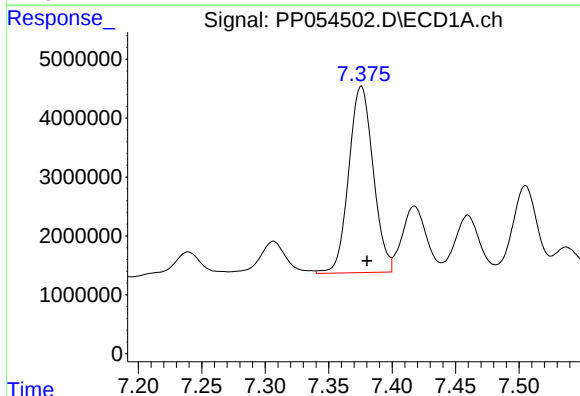
R.T.: 7.117 min
Delta R.T.: -0.005 min
Response: 36311912
Conc: 465.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



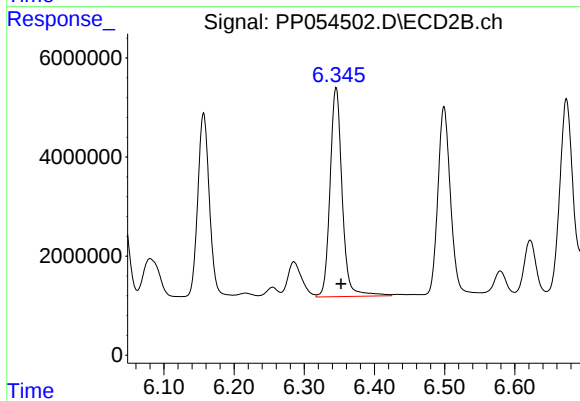
#31 AR-1260-1

R.T.: 6.157 min
Delta R.T.: -0.008 min
Response: 44354794
Conc: 523.60 ng/ml



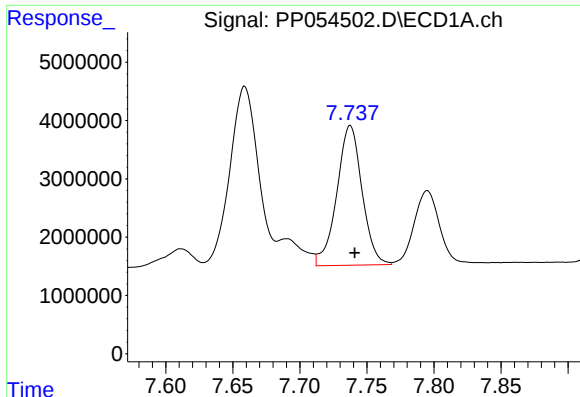
#32 AR-1260-2

R.T.: 7.376 min
Delta R.T.: -0.005 min
Response: 42417620
Conc: 473.58 ng/ml



#32 AR-1260-2

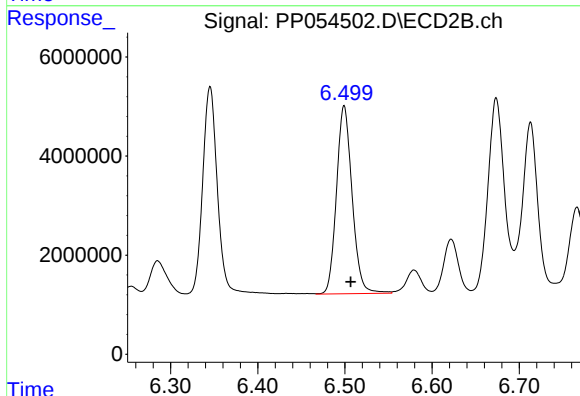
R.T.: 6.345 min
Delta R.T.: -0.007 min
Response: 50664263
Conc: 529.74 ng/ml



#33 AR-1260-3

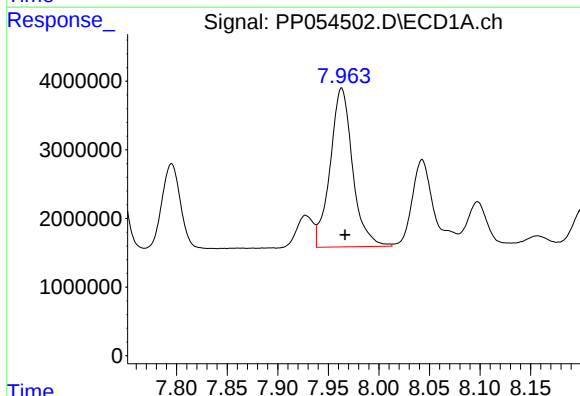
R.T.: 7.738 min
Delta R.T.: -0.003 min
Response: 31287855
Conc: 457.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



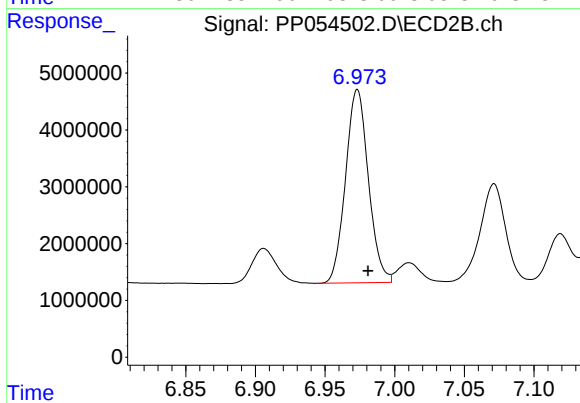
#33 AR-1260-3

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 47348763
Conc: 518.01 ng/ml



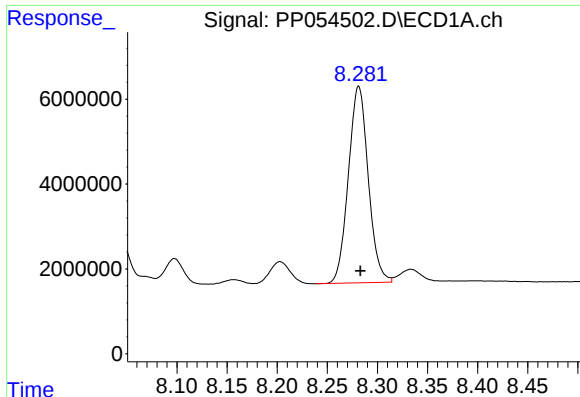
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: -0.004 min
Response: 35716578
Conc: 448.30 ng/ml



#34 AR-1260-4

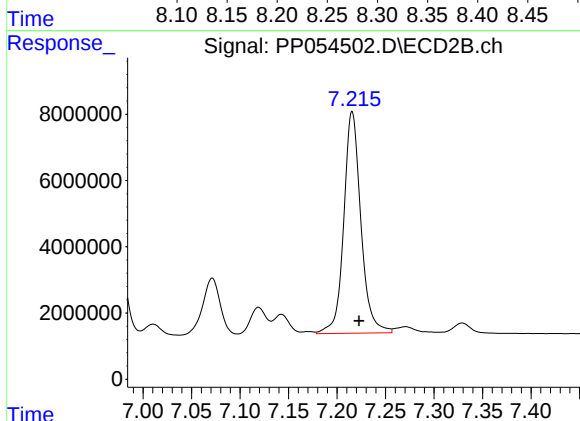
R.T.: 6.973 min
Delta R.T.: -0.008 min
Response: 38895926
Conc: 513.10 ng/ml



#35 AR-1260-5

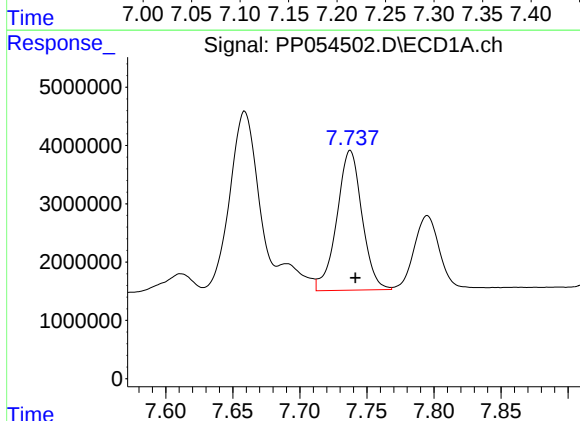
R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 64021335
Conc: 446.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



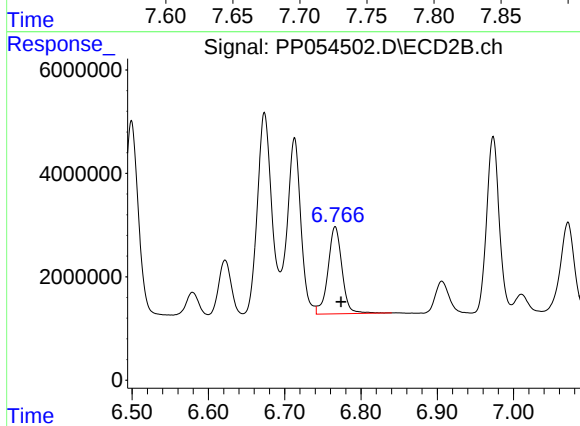
#35 AR-1260-5

R.T.: 7.216 min
Delta R.T.: -0.007 min
Response: 82209965
Conc: 518.98 ng/ml



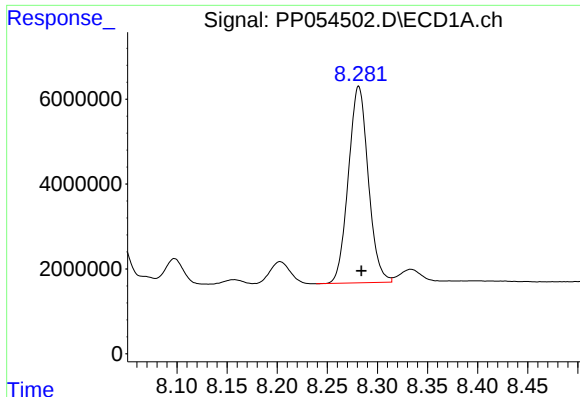
#36 AR-1262-1

R.T.: 7.738 min
Delta R.T.: -0.004 min
Response: 31287855
Conc: 371.92 ng/ml



#36 AR-1262-1

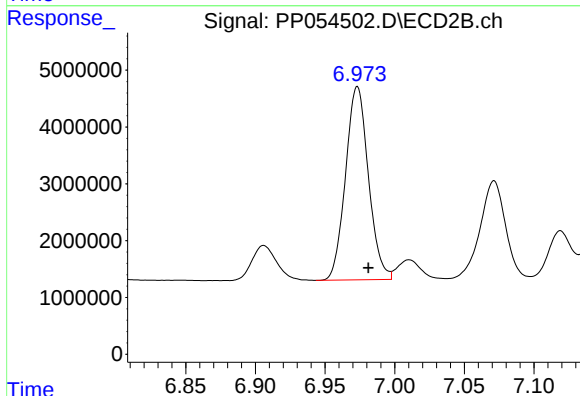
R.T.: 6.766 min
Delta R.T.: -0.008 min
Response: 21677456
Conc: 530.95 ng/ml



#37 AR-1262-2

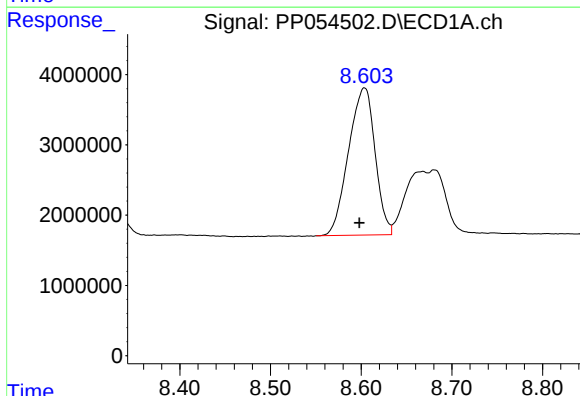
R.T.: 8.281 min
Delta R.T.: -0.003 min
Response: 64021335
Conc: 452.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



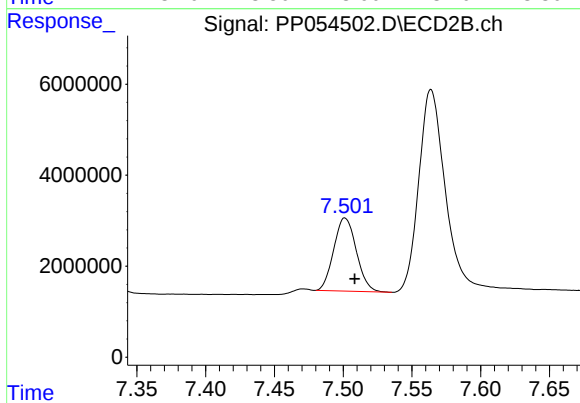
#37 AR-1262-2

R.T.: 6.973 min
Delta R.T.: -0.008 min
Response: 38895926
Conc: 449.25 ng/ml



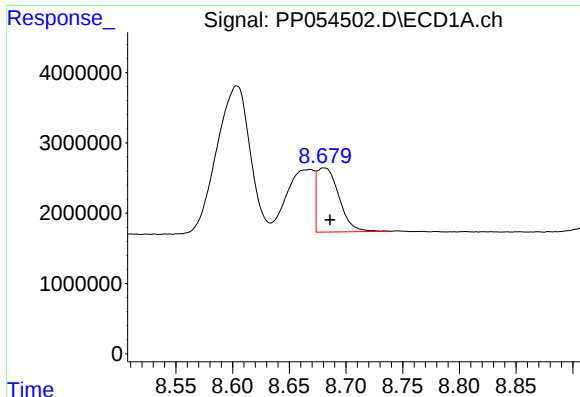
#38 AR-1262-3

R.T.: 8.604 min
Delta R.T.: 0.006 min
Response: 42632333
Conc: 411.70 ng/ml



#38 AR-1262-3

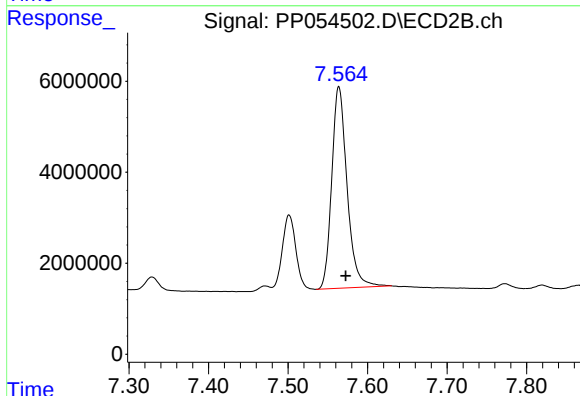
R.T.: 7.502 min
Delta R.T.: -0.007 min
Response: 18398720
Conc: 275.60 ng/ml



#39 AR-1262-4

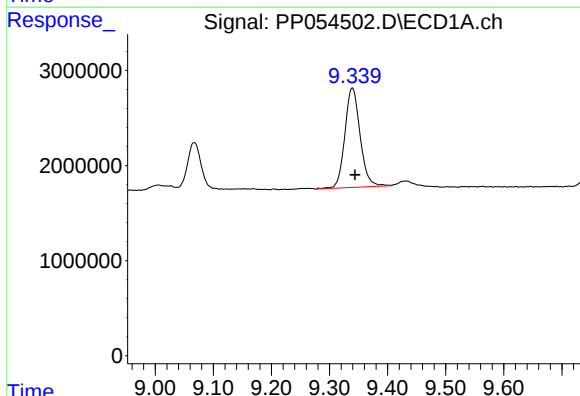
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 12369922
Conc: 244.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



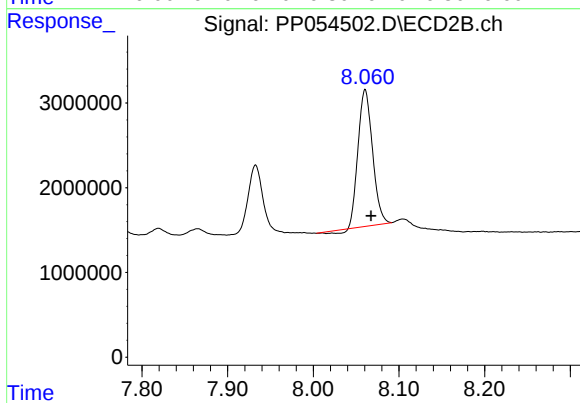
#39 AR-1262-4

R.T.: 7.564 min
Delta R.T.: -0.009 min
Response: 59318264
Conc: 506.90 ng/ml



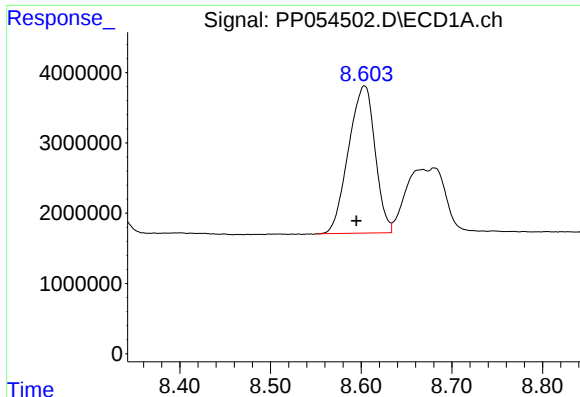
#40 AR-1262-5

R.T.: 9.339 min
Delta R.T.: -0.005 min
Response: 19085475
Conc: 339.74 ng/ml



#40 AR-1262-5

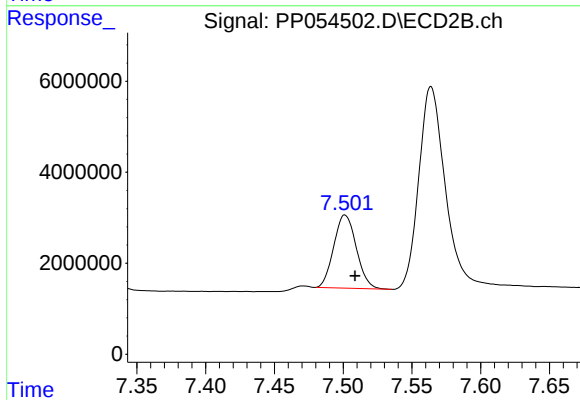
R.T.: 8.061 min
Delta R.T.: -0.007 min
Response: 18600377
Conc: 337.65 ng/ml



#41 AR-1268-1

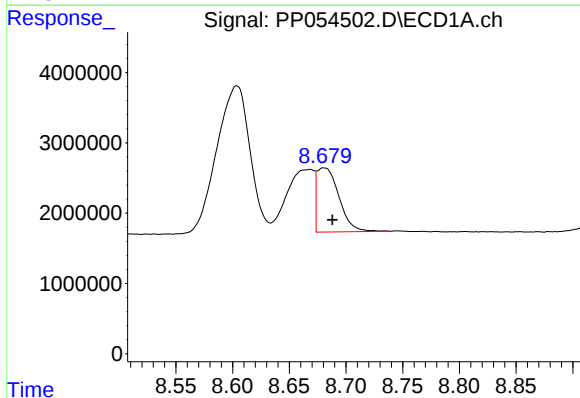
R.T.: 8.604 min
Delta R.T.: 0.009 min
Response: 42632333
Conc: 218.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



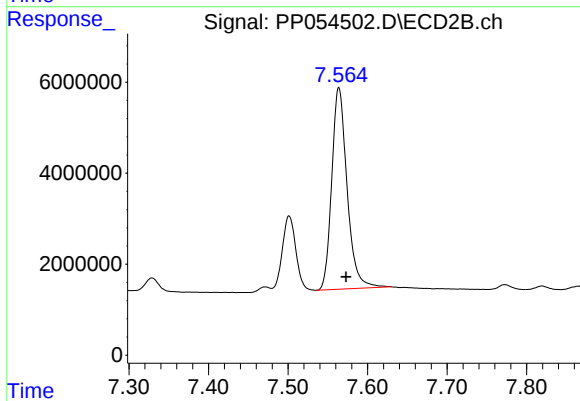
#41 AR-1268-1

R.T.: 7.502 min
Delta R.T.: -0.007 min
Response: 18398720
Conc: 90.61 ng/ml



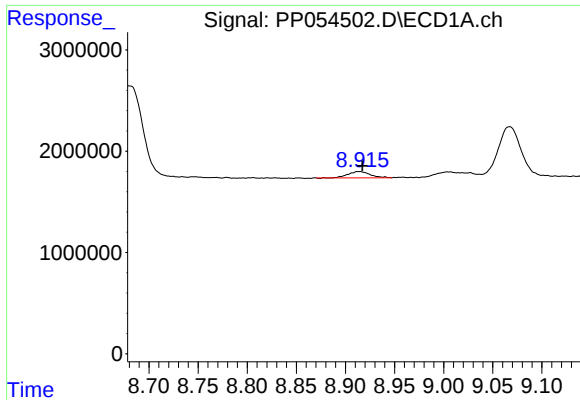
#42 AR-1268-2

R.T.: 8.681 min
Delta R.T.: -0.007 min
Response: 12369922
Conc: 70.09 ng/ml



#42 AR-1268-2

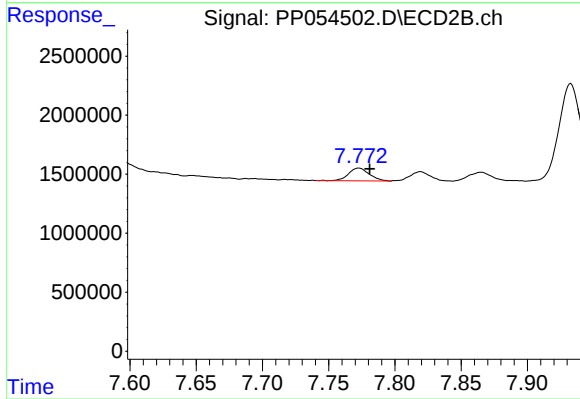
R.T.: 7.564 min
Delta R.T.: -0.009 min
Response: 59318264
Conc: 321.99 ng/ml



#43 AR-1268-3

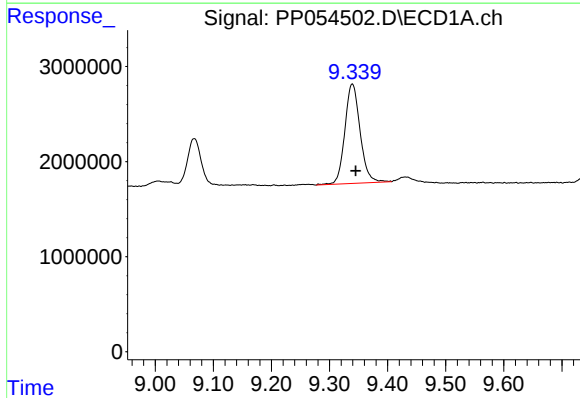
R.T.: 8.914 min
Delta R.T.: -0.003 min
Response: 957737
Conc: 6.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



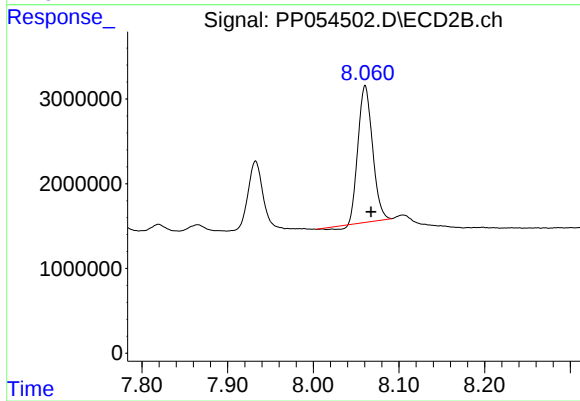
#43 AR-1268-3

R.T.: 7.773 min
Delta R.T.: -0.008 min
Response: 1159203
Conc: 6.78 ng/ml



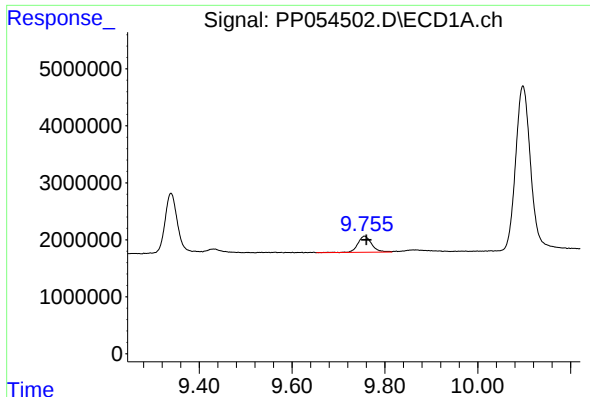
#44 AR-1268-4

R.T.: 9.339 min
Delta R.T.: -0.006 min
Response: 19085475
Conc: 278.93 ng/ml



#44 AR-1268-4

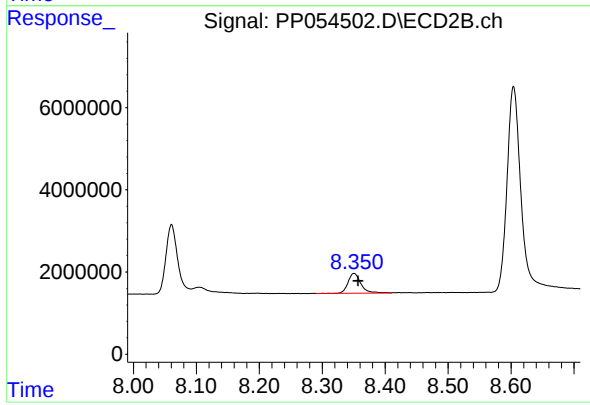
R.T.: 8.061 min
Delta R.T.: -0.007 min
Response: 18600377
Conc: 294.40 ng/ml



#45 AR-1268-5

R.T.: 9.756 min
Delta R.T.: -0.004 min
Response: 5884935
Conc: 11.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.007 min
Response: 6824985
Conc: 13.95 ng/ml