

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022823\
 Data File : PP056041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 09:14
 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: Feb 28 21:57:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.323	3.565	96092701	72744783	59.639	49.819
2)	SA Decachlor...	10.075	8.570	97911897	65073145	47.997	57.359
Target Compounds							
3)	L1 AR-1016-1	5.494	4.647	34928582	21981902	585.325	488.161
4)	L1 AR-1016-2	5.517	4.665	50090195	31544321	572.530	485.717
5)	L1 AR-1016-3	5.579	4.842	32215088	17288073	579.932	497.455
6)	L1 AR-1016-4	5.678	4.884	25998350	14259049	583.427	477.039
7)	L1 AR-1016-5	5.975	5.097	26588302	19437499	550.657	491.671
8)	L2 AR-1221-1	4.528	3.776	3357651	2574149	161.312	143.306
9)	L2 AR-1221-2	4.618	3.863	5200437	3659316	326.933	278.628
10)	L2 AR-1221-3	4.695	3.938	19494330	14276953	401.841	342.064
11)	L3 AR-1232-1	4.695	3.938	19494330	14276953	492.157	414.720
12)	L3 AR-1232-2	5.225	4.665	26226595	31544321	1262.628	1074.754
13)	L3 AR-1232-3	5.517	4.842	50090195	17288073	1271.209	1137.576
14)	L3 AR-1232-4	5.678	4.925	25998350	18159034	1327.144	1197.855
15)	L3 AR-1232-5	5.769	5.097	23413939	19437499	1463.984	1185.828
16)	L4 AR-1242-1	5.494	4.647	34928582	21981902	723.364	597.447
17)	L4 AR-1242-2	5.517	4.665	50090195	31544321	704.911	598.885
18)	L4 AR-1242-3	5.579	4.842	32215088	17288073	722.081	610.659
19)	L4 AR-1242-4	5.678	4.925	25998350	18159034	719.569	588.569
20)	L4 AR-1242-5	6.419	5.449	7924478	18260152	189.177	548.200 #
21)	L5 AR-1248-1	5.494	4.647	34928582	21981902	960.022	787.089
22)	L5 AR-1248-2	5.769	4.884	23413939	14259049	406.931	335.186
23)	L5 AR-1248-3	5.975	4.925	26588302	18159034	409.187	408.055
24)	L5 AR-1248-4	6.380	5.097	9296621	19437499	128.135	379.628 #
25)	L5 AR-1248-5	6.419	5.490	7924478	4605080	111.805	104.480
26)	L6 AR-1254-1	6.353	5.449	22906360	18260152	311.558	248.194
27)	L6 AR-1254-2	6.573	5.598	20647782	13104247	178.917	208.279
28)	L6 AR-1254-3	6.941	6.017	10299873	23702344	83.692	241.670 #
29)	L6 AR-1254-4	7.228	6.231	8351406	1498621	90.924	27.225 #
30)	L6 AR-1254-5	7.648	6.649	71549902	42337686	680.759	521.086
31)	L7 AR-1260-1	7.106	6.132	55296290	35513559	534.037	487.144
32)	L7 AR-1260-2	7.365	6.321	63640589	40581554	506.001	497.336
33)	L7 AR-1260-3	7.726	6.475	47777338	38796579	543.992	459.096
34)	L7 AR-1260-4	7.953	6.948	54925207	33139334	511.051	517.796
35)	L7 AR-1260-5	8.269	7.191	106.8E6	69393668	517.333	512.662
36)	L8 AR-1262-1	7.726	6.742	47777338	18144832	404.958	514.774 #
37)	L8 AR-1262-2	8.269	6.948	106.8E6	33139334	486.625	446.302
38)	L8 AR-1262-3	8.590	7.475	68156271	15676964	445.819	282.548 #
39)	L8 AR-1262-4	8.667	7.539	17574535	50743289	233.440	499.855 #
40)	L8 AR-1262-5	9.323	8.035	28862890	17351716	350.081	381.552
41)	L9 AR-1268-1	8.590	7.475	68156271	15676964	238.811	93.239 #

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 Acq On : 28 Feb 2023 09:14
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

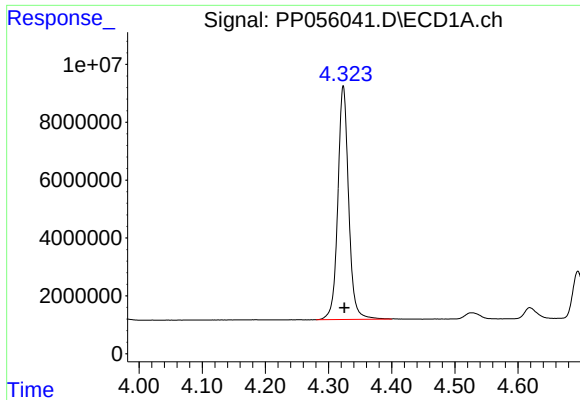
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 21:57:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
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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	8.667	7.539	17574535	50743289	65.913	331.741 #
43) L9	AR-1268-3	8.899	7.746	1738250	1023395	7.386	7.458
44) L9	AR-1268-4	9.323	8.035	28862890	17351716	292.344	315.387
45) L9	AR-1268-5	9.738	8.322	8493442	5316107	11.282	13.180

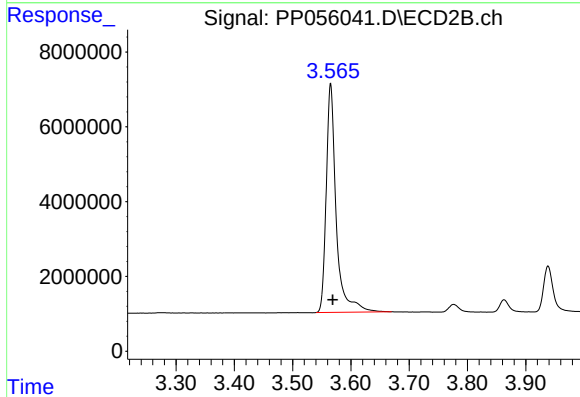
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

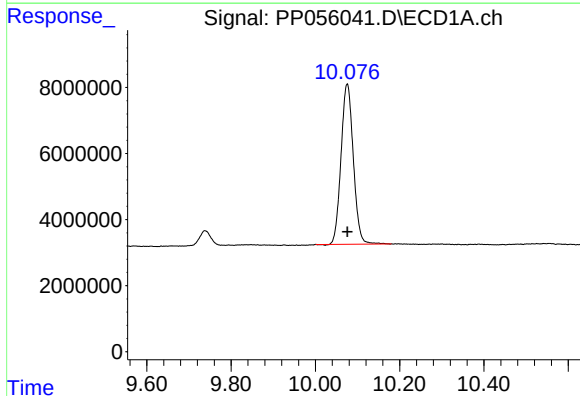
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 96092701
Conc: 59.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



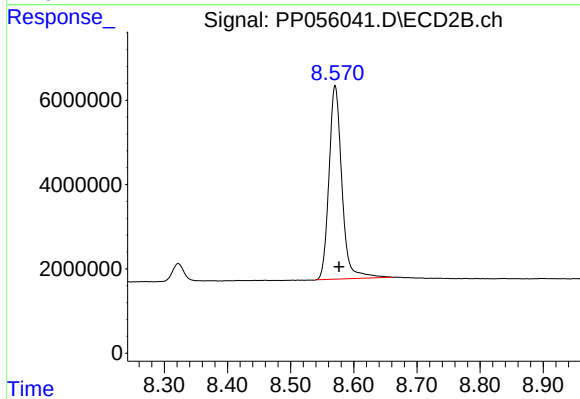
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.003 min
Response: 72744783
Conc: 49.82 ng/ml



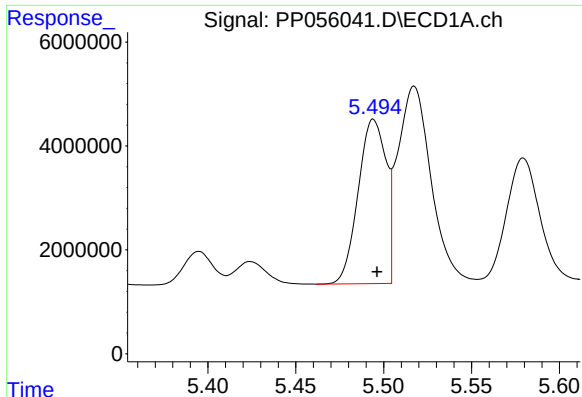
#2 Decachlorobiphenyl

R.T.: 10.075 min
Delta R.T.: 0.000 min
Response: 97911897
Conc: 48.00 ng/ml



#2 Decachlorobiphenyl

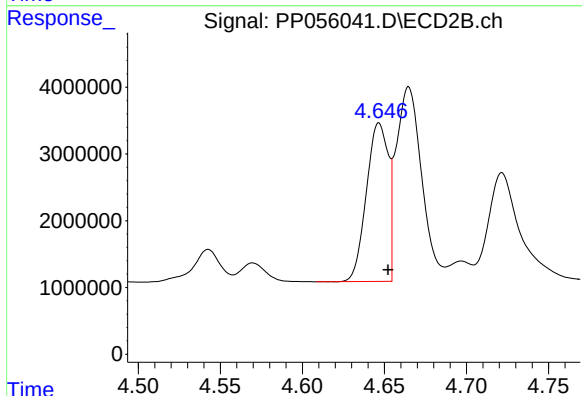
R.T.: 8.570 min
Delta R.T.: -0.006 min
Response: 65073145
Conc: 57.36 ng/ml



#3 AR-1016-1

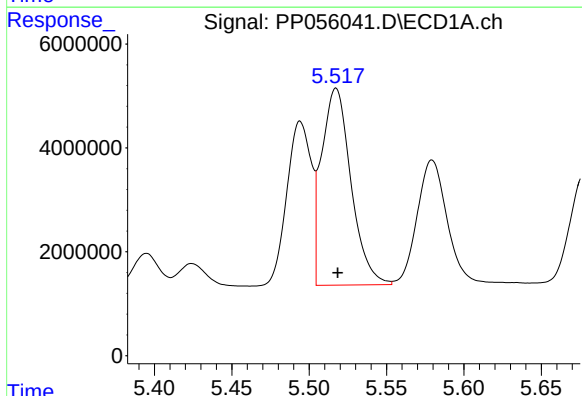
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 34928582
Conc: 585.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



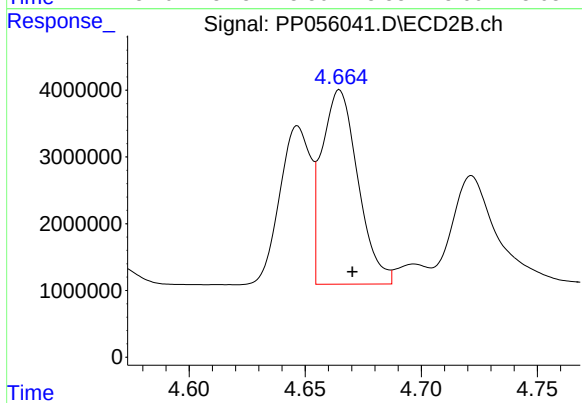
#3 AR-1016-1

R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 21981902
Conc: 488.16 ng/ml



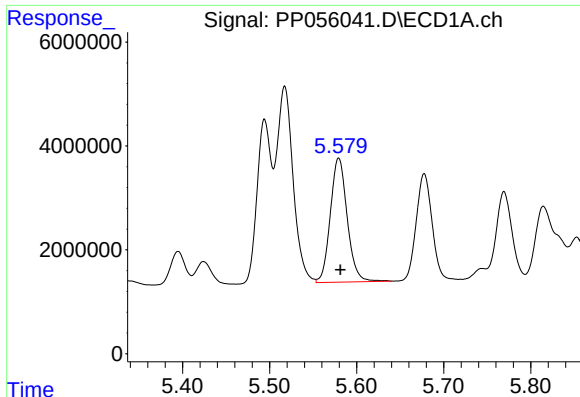
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 50090195
Conc: 572.53 ng/ml



#4 AR-1016-2

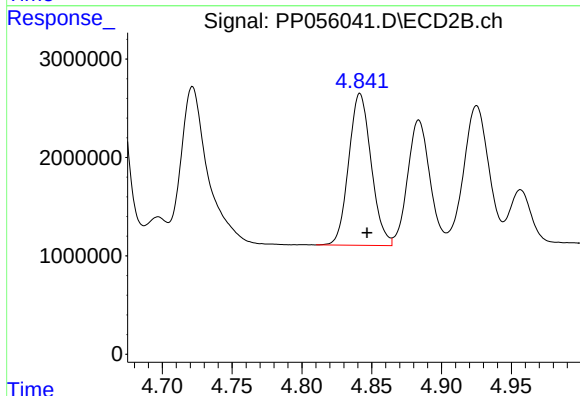
R.T.: 4.665 min
Delta R.T.: -0.006 min
Response: 31544321
Conc: 485.72 ng/ml



#5 AR-1016-3

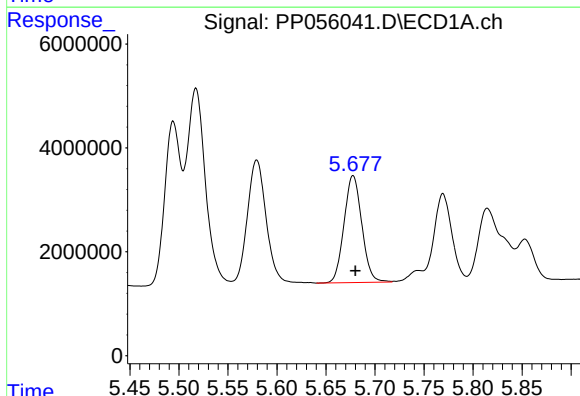
R.T.: 5.579 min
Delta R.T.: -0.002 min
Response: 32215088
Conc: 579.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



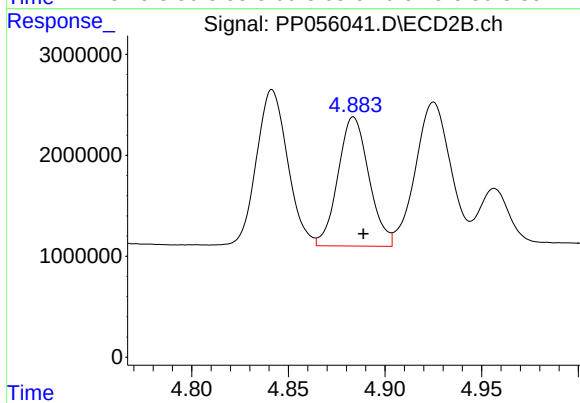
#5 AR-1016-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 17288073
Conc: 497.46 ng/ml



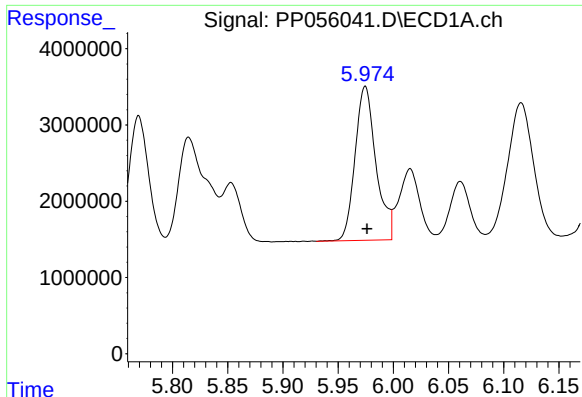
#6 AR-1016-4

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 25998350
Conc: 583.43 ng/ml



#6 AR-1016-4

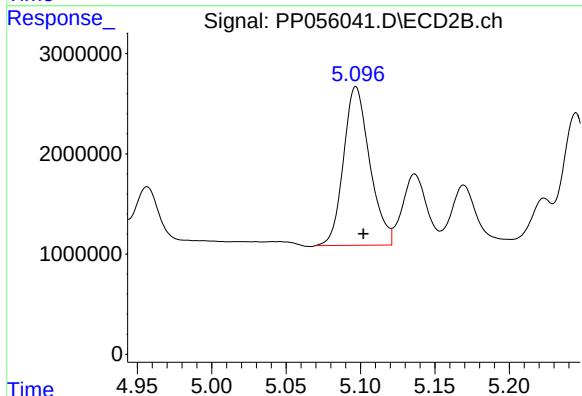
R.T.: 4.884 min
Delta R.T.: -0.005 min
Response: 14259049
Conc: 477.04 ng/ml



#7 AR-1016-5

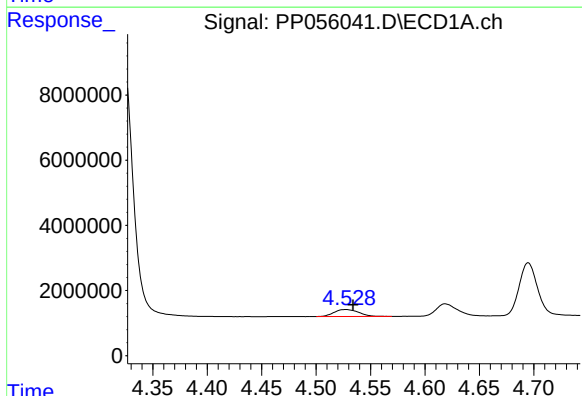
R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 26588302
Conc: 550.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



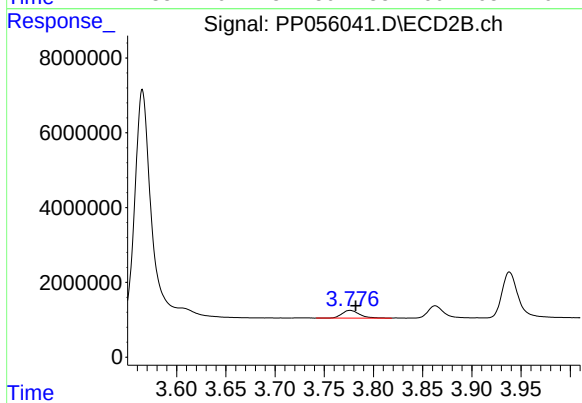
#7 AR-1016-5

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 19437499
Conc: 491.67 ng/ml



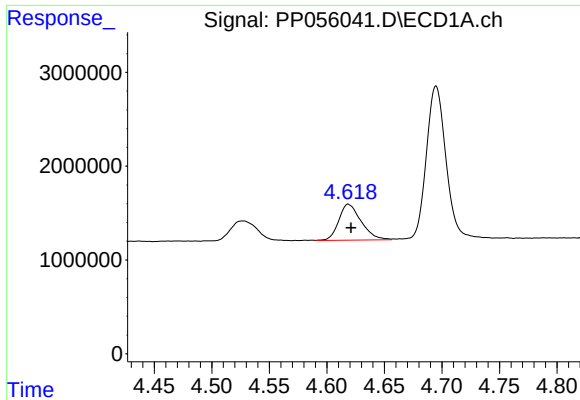
#8 AR-1221-1

R.T.: 4.528 min
Delta R.T.: -0.006 min
Response: 3357651
Conc: 161.31 ng/ml



#8 AR-1221-1

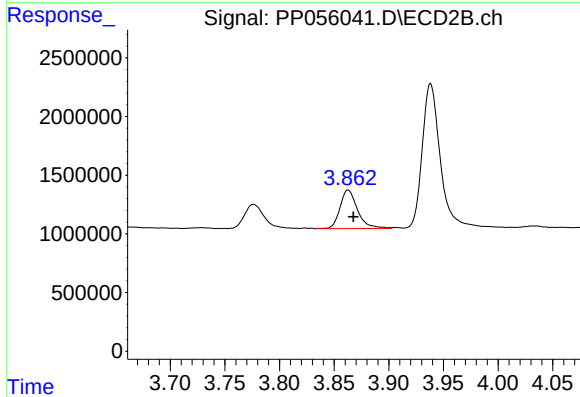
R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 2574149
Conc: 143.31 ng/ml



#9 AR-1221-2

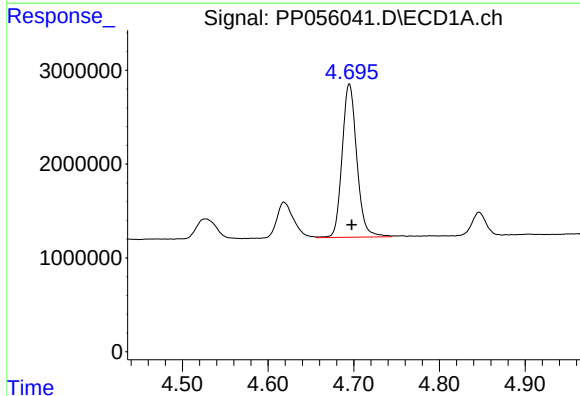
R.T.: 4.618 min
Delta R.T.: -0.003 min
Response: 5200437
Conc: 326.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



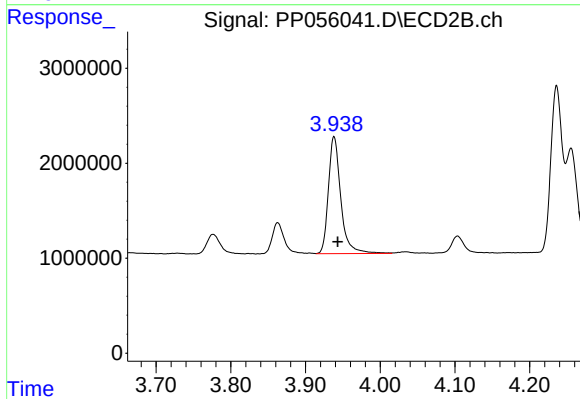
#9 AR-1221-2

R.T.: 3.863 min
Delta R.T.: -0.005 min
Response: 3659316
Conc: 278.63 ng/ml



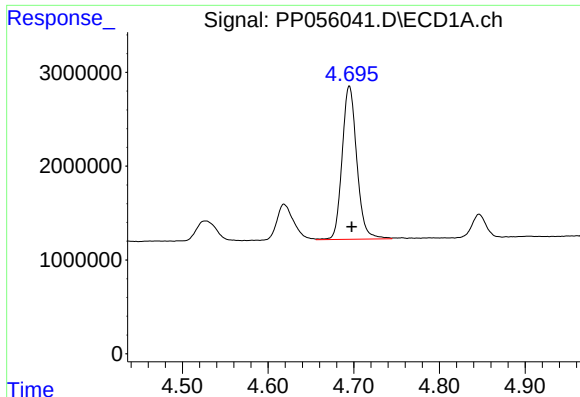
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.003 min
Response: 19494330
Conc: 401.84 ng/ml



#10 AR-1221-3

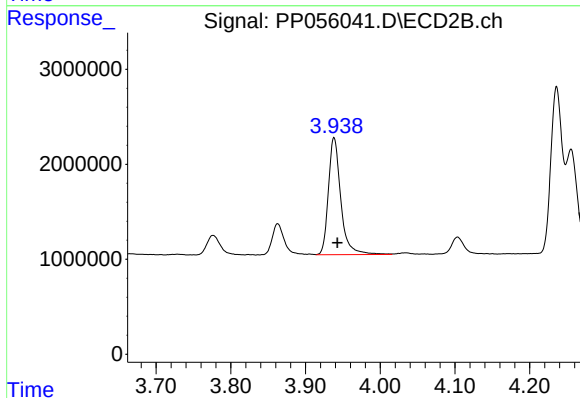
R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 14276953
Conc: 342.06 ng/ml



#11 AR-1232-1

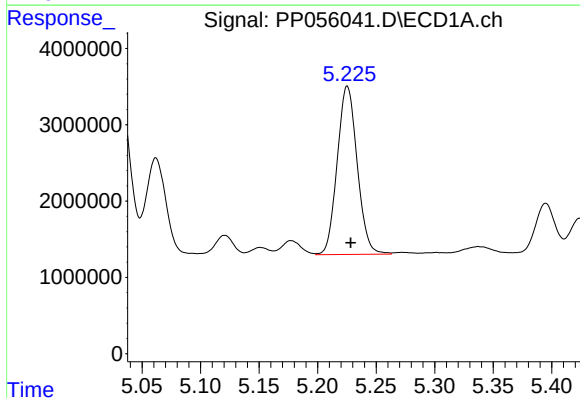
R.T.: 4.695 min
Delta R.T.: -0.003 min
Response: 19494330
Conc: 492.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



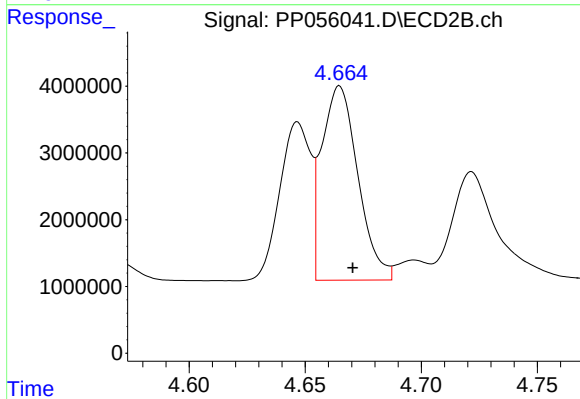
#11 AR-1232-1

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 14276953
Conc: 414.72 ng/ml



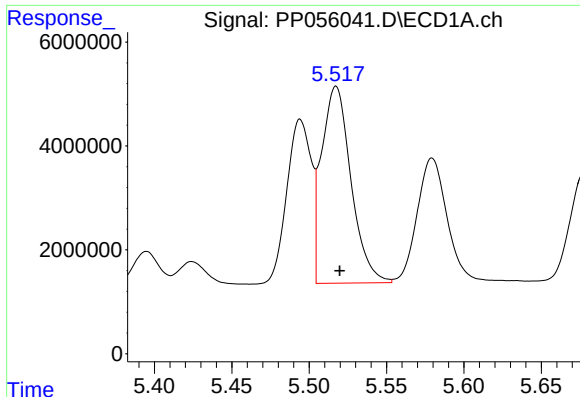
#12 AR-1232-2

R.T.: 5.225 min
Delta R.T.: -0.003 min
Response: 26226595
Conc: 1262.63 ng/ml



#12 AR-1232-2

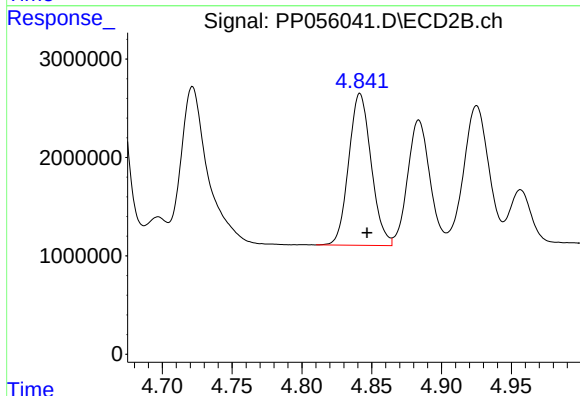
R.T.: 4.665 min
Delta R.T.: -0.006 min
Response: 31544321
Conc: 1074.75 ng/ml



#13 AR-1232-3

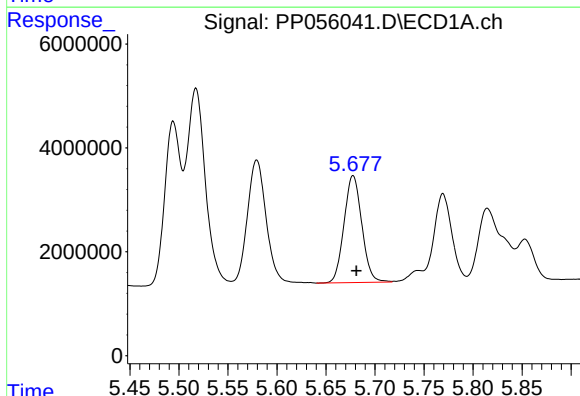
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 50090195
Conc: 1271.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



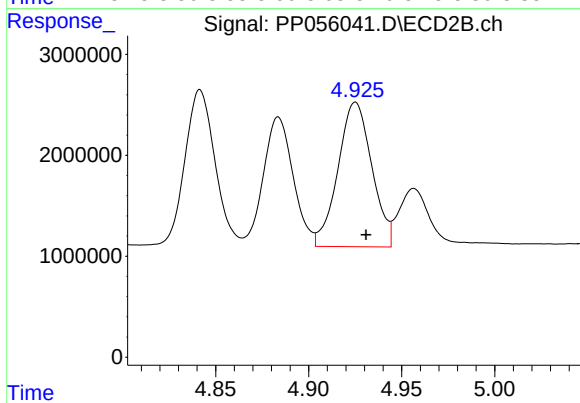
#13 AR-1232-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 17288073
Conc: 1137.58 ng/ml



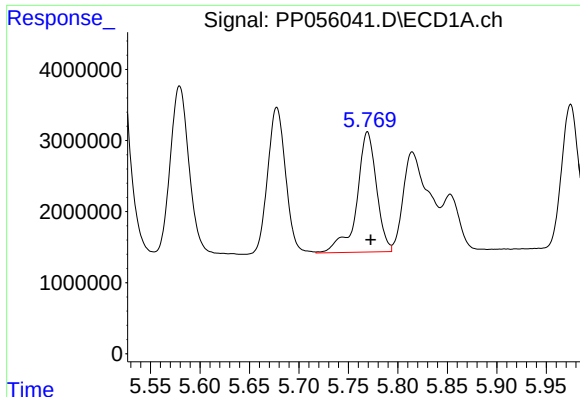
#14 AR-1232-4

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 25998350
Conc: 1327.14 ng/ml



#14 AR-1232-4

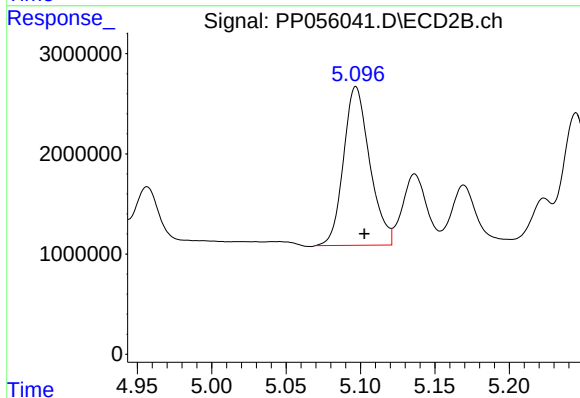
R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 18159034
Conc: 1197.85 ng/ml



#15 AR-1232-5

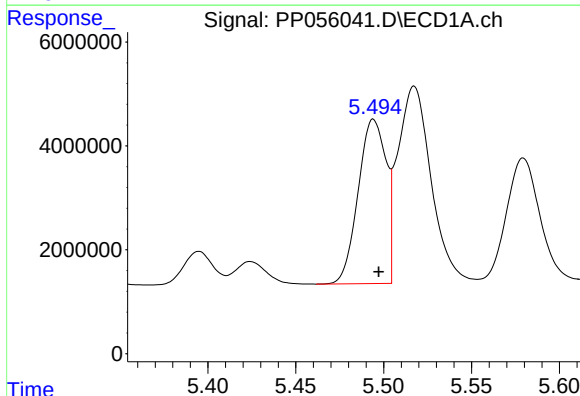
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 23413939
Conc: 1463.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



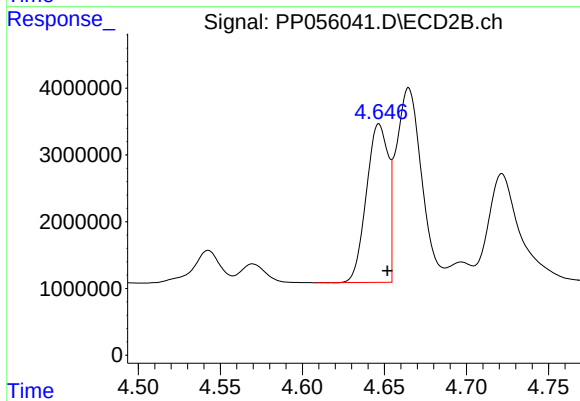
#15 AR-1232-5

R.T.: 5.097 min
Delta R.T.: -0.006 min
Response: 19437499
Conc: 1185.83 ng/ml



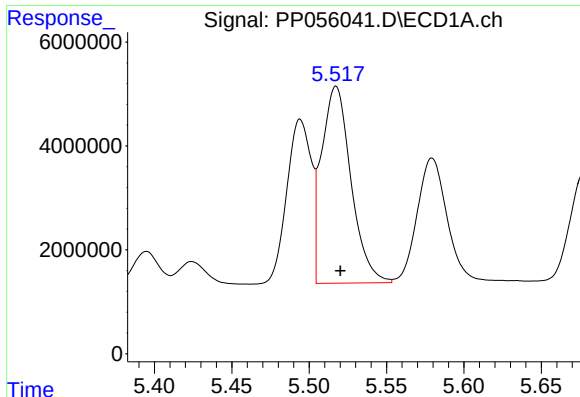
#16 AR-1242-1

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 34928582
Conc: 723.36 ng/ml



#16 AR-1242-1

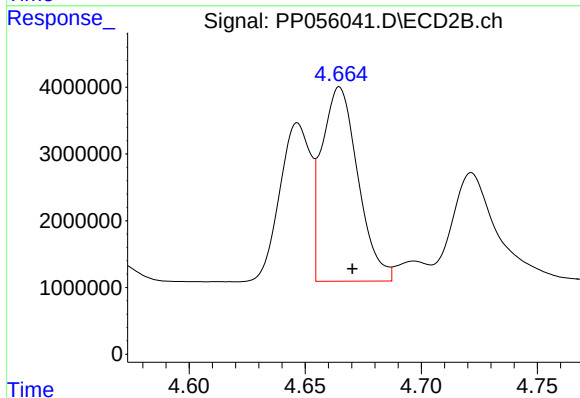
R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 21981902
Conc: 597.45 ng/ml



#17 AR-1242-2

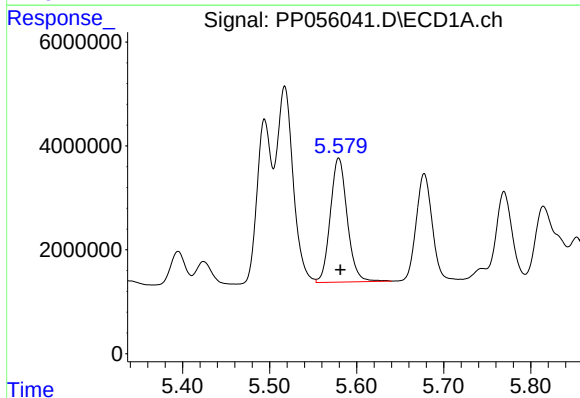
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 50090195
Conc: 704.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



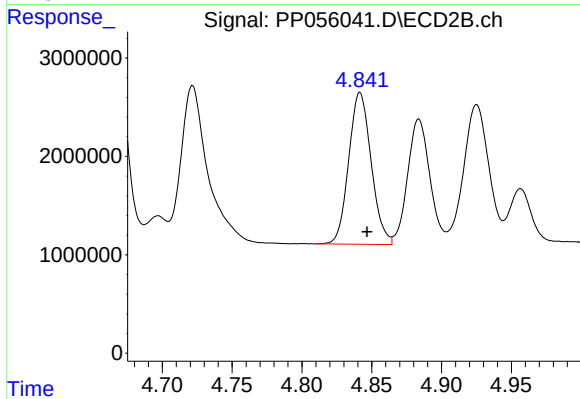
#17 AR-1242-2

R.T.: 4.665 min
Delta R.T.: -0.005 min
Response: 31544321
Conc: 598.88 ng/ml



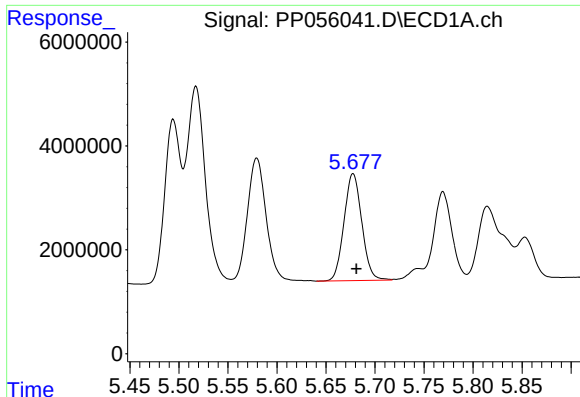
#18 AR-1242-3

R.T.: 5.579 min
Delta R.T.: -0.002 min
Response: 32215088
Conc: 722.08 ng/ml



#18 AR-1242-3

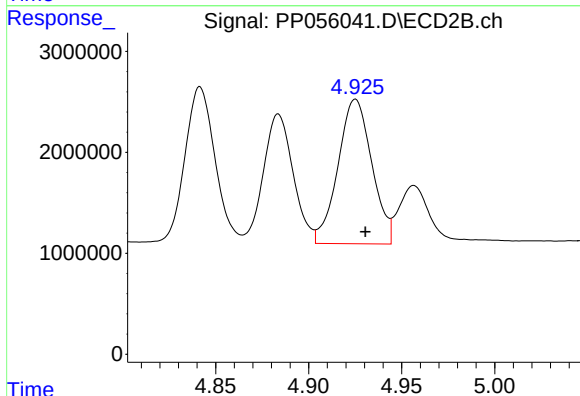
R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 17288073
Conc: 610.66 ng/ml



#19 AR-1242-4

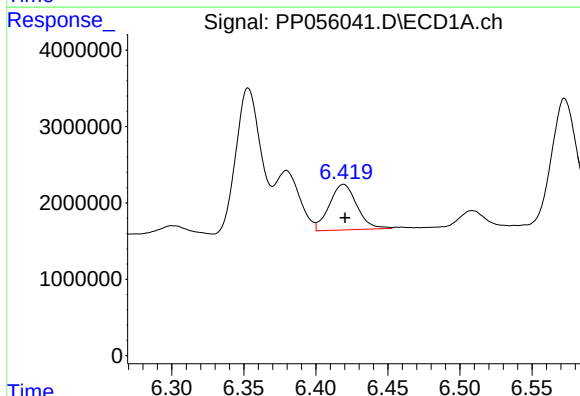
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 25998350
Conc: 719.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



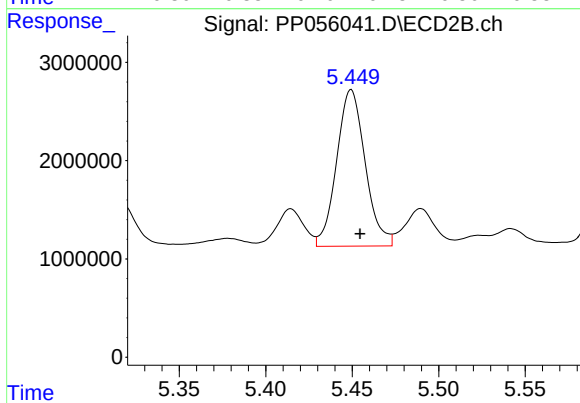
#19 AR-1242-4

R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 18159034
Conc: 588.57 ng/ml



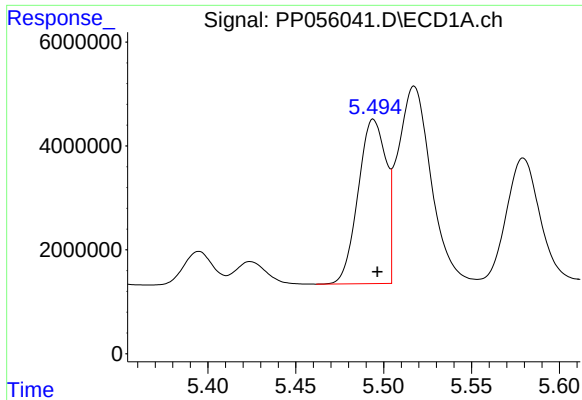
#20 AR-1242-5

R.T.: 6.419 min
Delta R.T.: -0.001 min
Response: 7924478
Conc: 189.18 ng/ml



#20 AR-1242-5

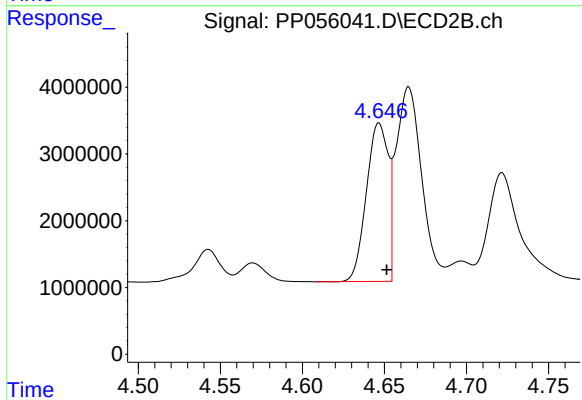
R.T.: 5.449 min
Delta R.T.: -0.005 min
Response: 18260152
Conc: 548.20 ng/ml



#21 AR-1248-1

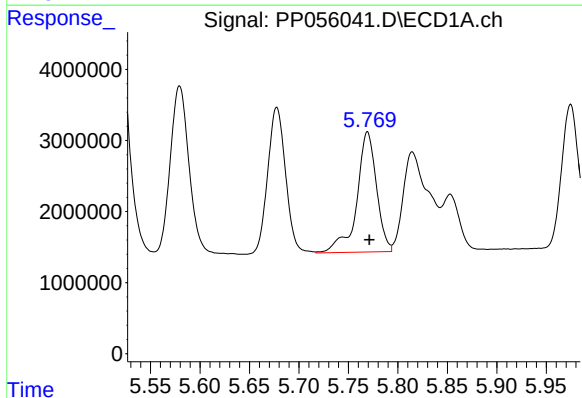
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 34928582
Conc: 960.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



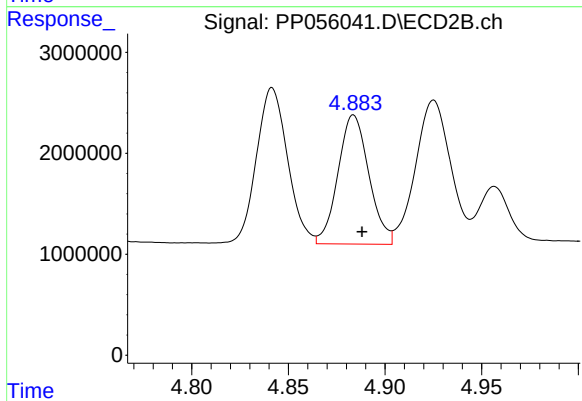
#21 AR-1248-1

R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 21981902
Conc: 787.09 ng/ml



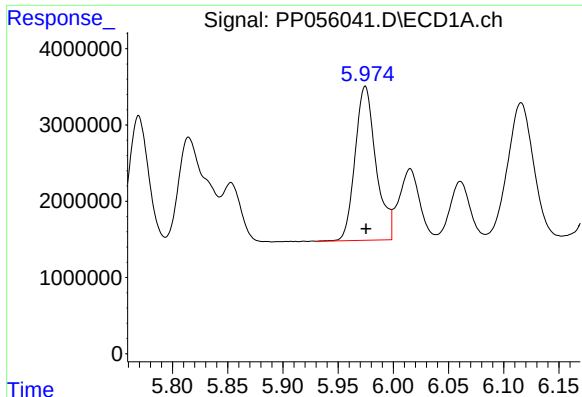
#22 AR-1248-2

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 23413939
Conc: 406.93 ng/ml



#22 AR-1248-2

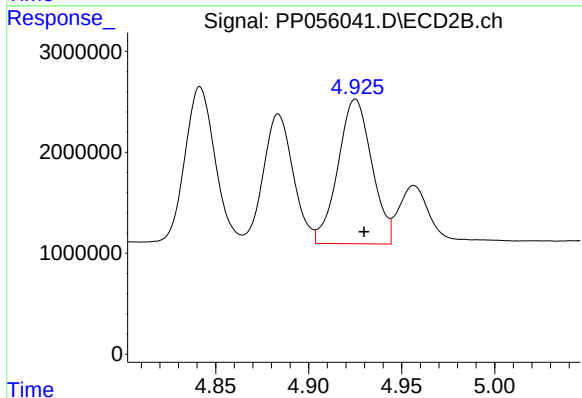
R.T.: 4.884 min
Delta R.T.: -0.004 min
Response: 14259049
Conc: 335.19 ng/ml



#23 AR-1248-3

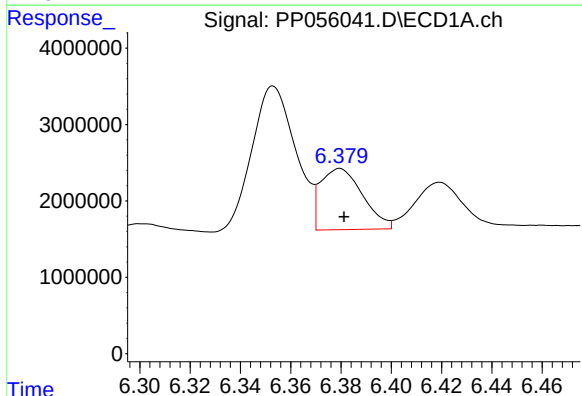
R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 26588302
Conc: 409.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



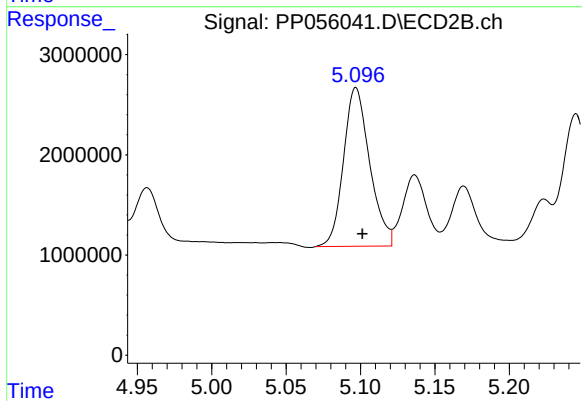
#23 AR-1248-3

R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 18159034
Conc: 408.06 ng/ml



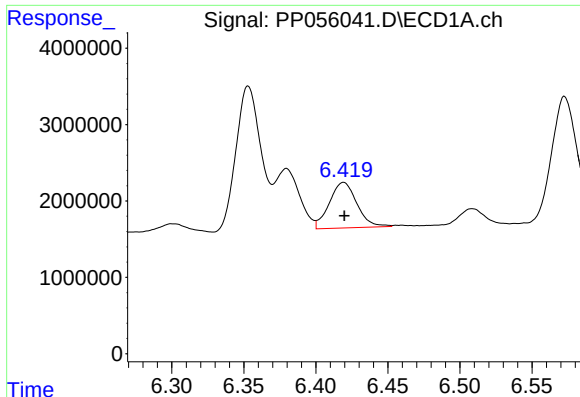
#24 AR-1248-4

R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 9296621
Conc: 128.14 ng/ml



#24 AR-1248-4

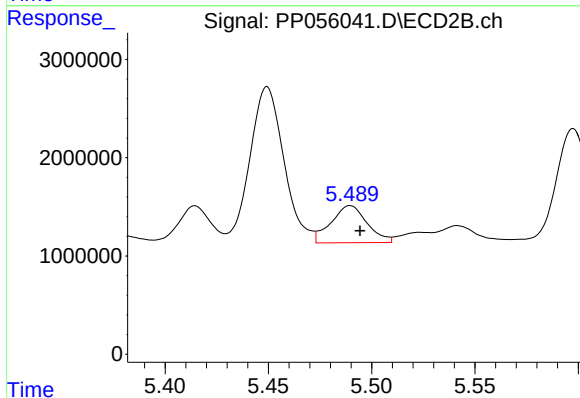
R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 19437499
Conc: 379.63 ng/ml



#25 AR-1248-5

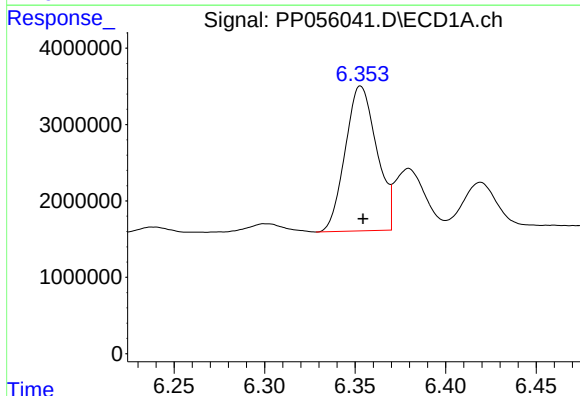
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 7924478
Conc: 111.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



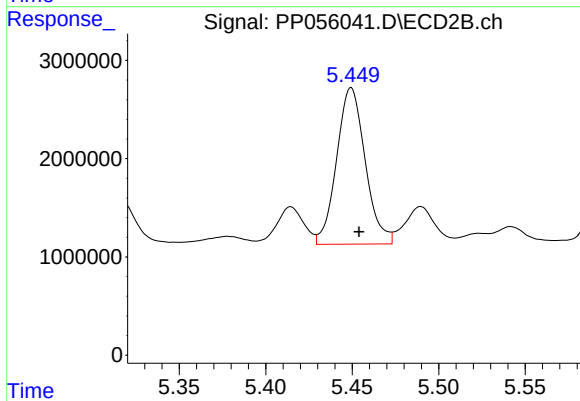
#25 AR-1248-5

R.T.: 5.490 min
Delta R.T.: -0.005 min
Response: 4605080
Conc: 104.48 ng/ml



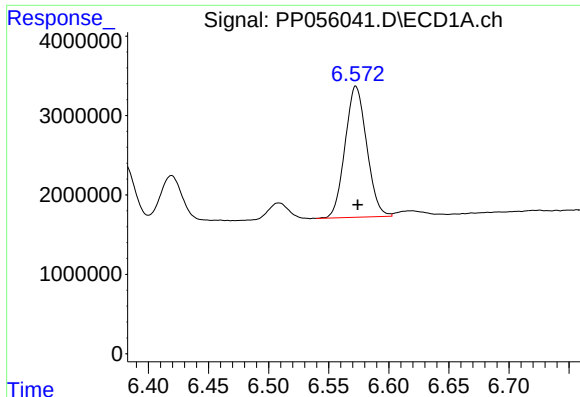
#26 AR-1254-1

R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 22906360
Conc: 311.56 ng/ml



#26 AR-1254-1

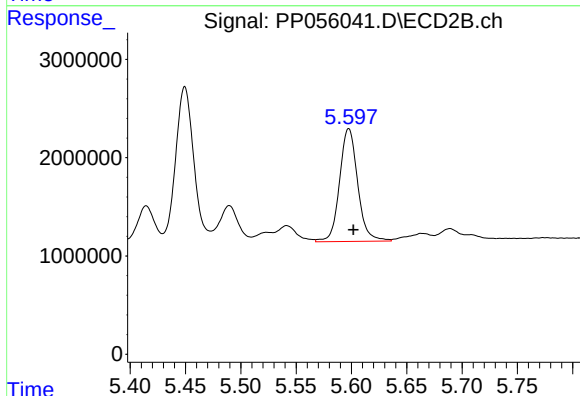
R.T.: 5.449 min
Delta R.T.: -0.005 min
Response: 18260152
Conc: 248.19 ng/ml



#27 AR-1254-2

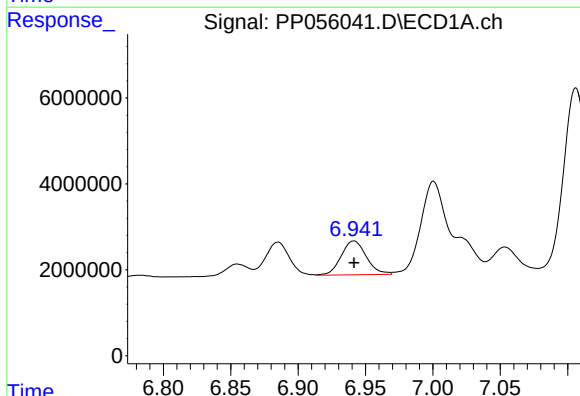
R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 20647782
Conc: 178.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



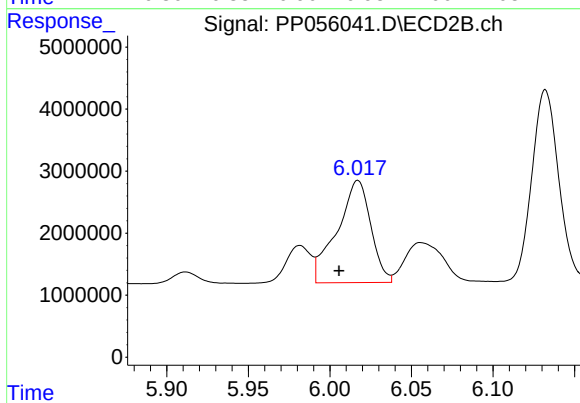
#27 AR-1254-2

R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 13104247
Conc: 208.28 ng/ml



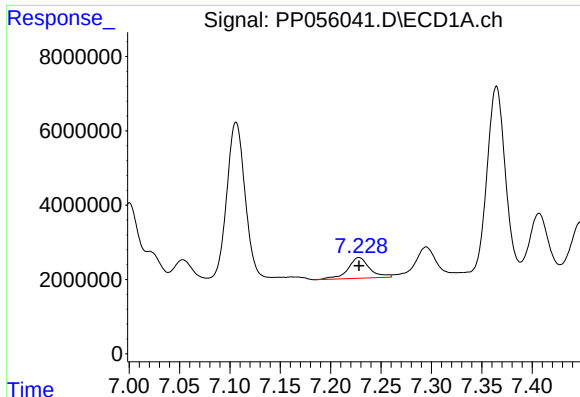
#28 AR-1254-3

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 10299873
Conc: 83.69 ng/ml



#28 AR-1254-3

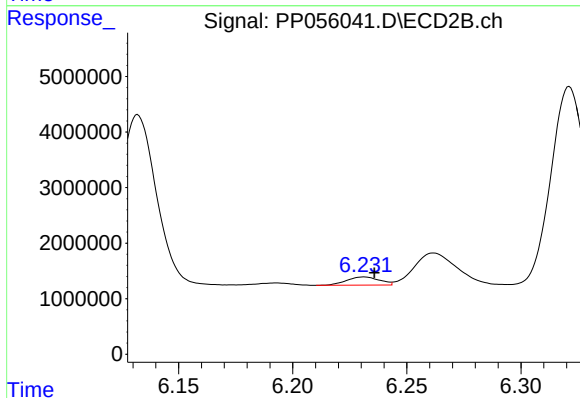
R.T.: 6.017 min
Delta R.T.: 0.012 min
Response: 23702344
Conc: 241.67 ng/ml



#29 AR-1254-4

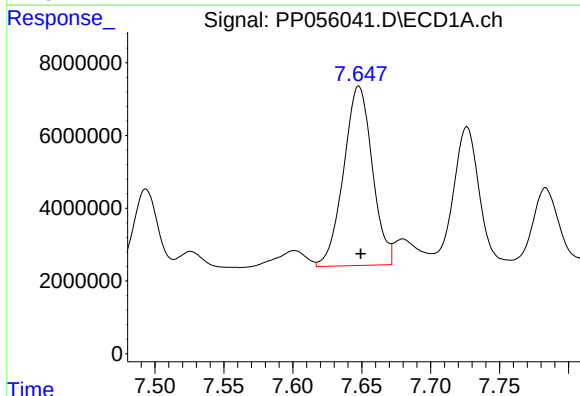
R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 8351406
Conc: 90.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



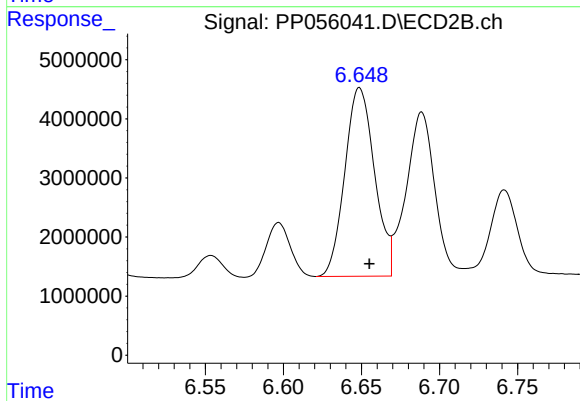
#29 AR-1254-4

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 1498621
Conc: 27.22 ng/ml



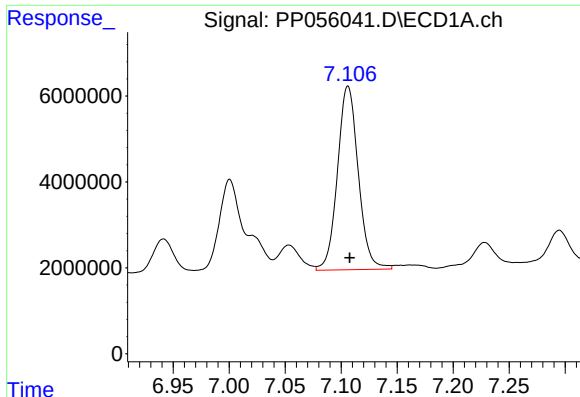
#30 AR-1254-5

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 71549902
Conc: 680.76 ng/ml



#30 AR-1254-5

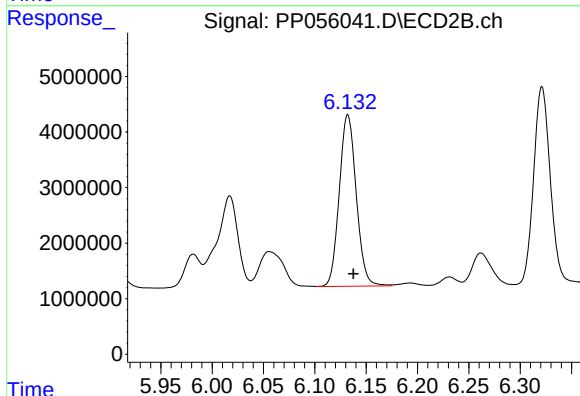
R.T.: 6.649 min
Delta R.T.: -0.006 min
Response: 42337686
Conc: 521.09 ng/ml



#31 AR-1260-1

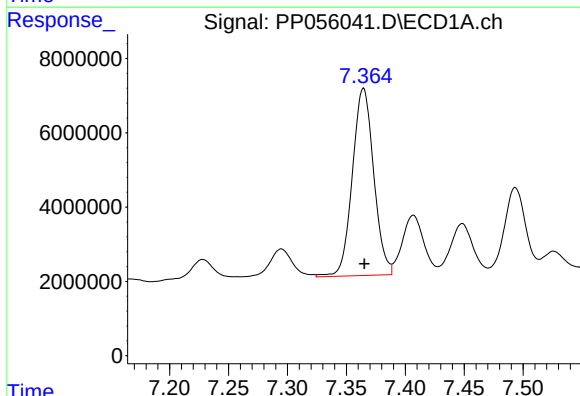
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 55296290
Conc: 534.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



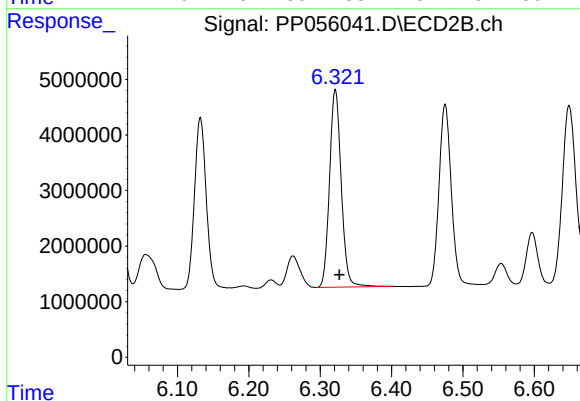
#31 AR-1260-1

R.T.: 6.132 min
Delta R.T.: -0.006 min
Response: 35513559
Conc: 487.14 ng/ml



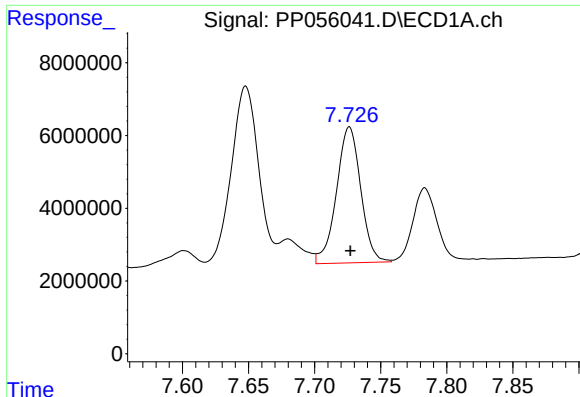
#32 AR-1260-2

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 63640589
Conc: 506.00 ng/ml



#32 AR-1260-2

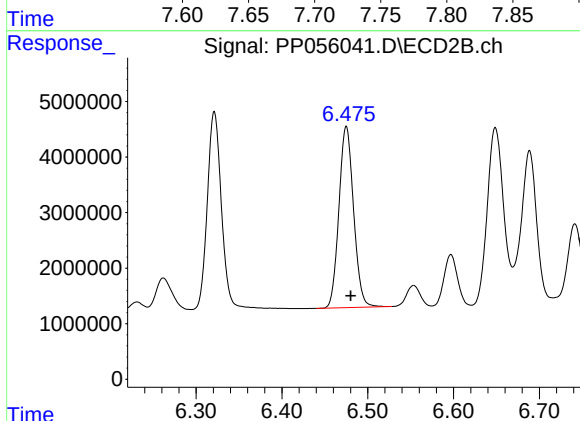
R.T.: 6.321 min
Delta R.T.: -0.006 min
Response: 40581554
Conc: 497.34 ng/ml



#33 AR-1260-3

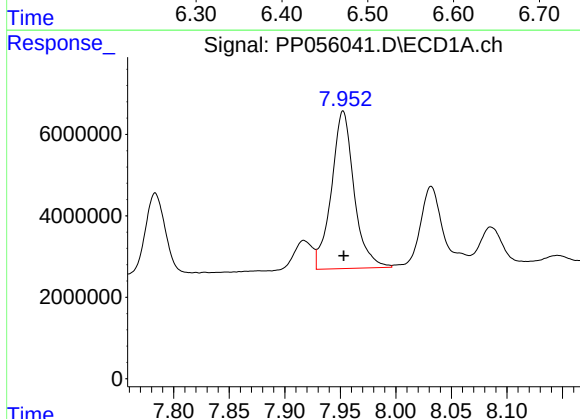
R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 47777338
Conc: 543.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



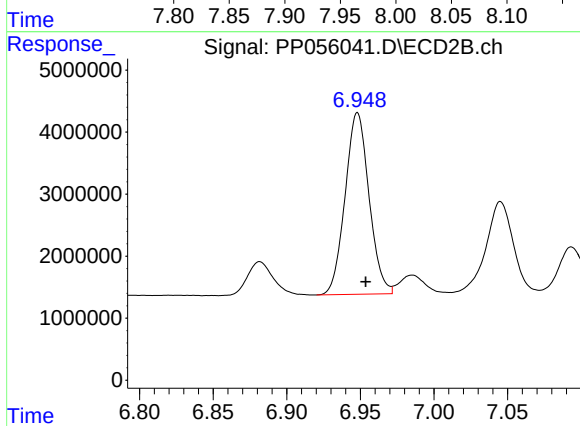
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 38796579
Conc: 459.10 ng/ml



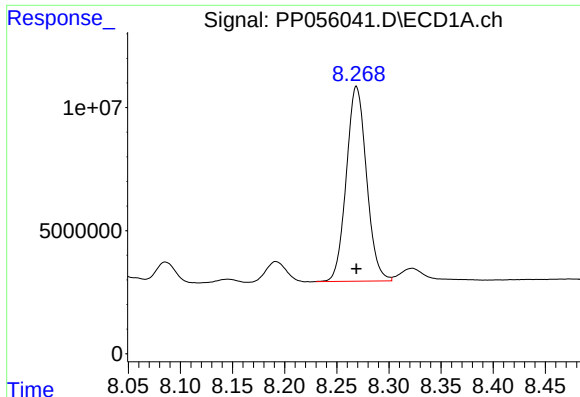
#34 AR-1260-4

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 54925207
Conc: 511.05 ng/ml



#34 AR-1260-4

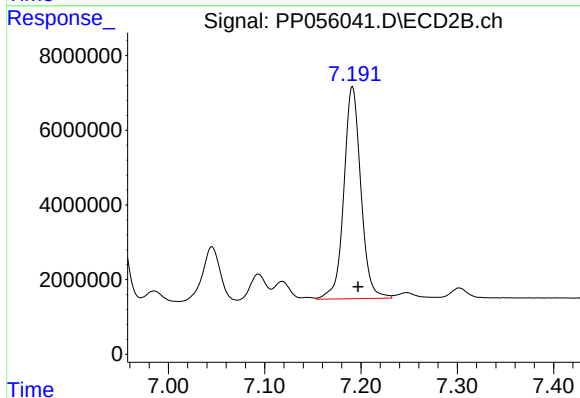
R.T.: 6.948 min
Delta R.T.: -0.006 min
Response: 33139334
Conc: 517.80 ng/ml



#35 AR-1260-5

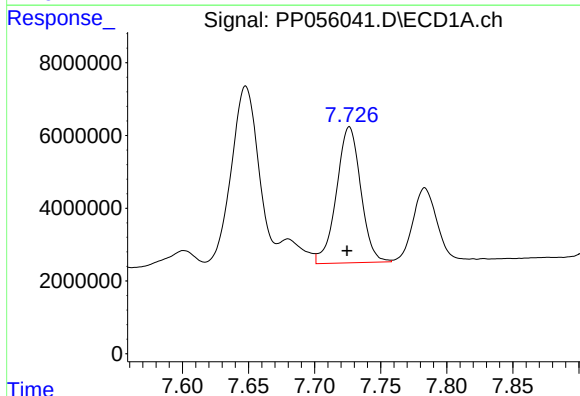
R.T.: 8.269 min
Delta R.T.: 0.000 min
Response: 106802818
Conc: 517.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



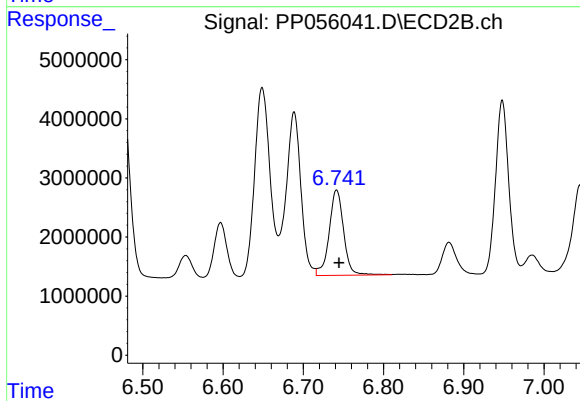
#35 AR-1260-5

R.T.: 7.191 min
Delta R.T.: -0.006 min
Response: 69393668
Conc: 512.66 ng/ml



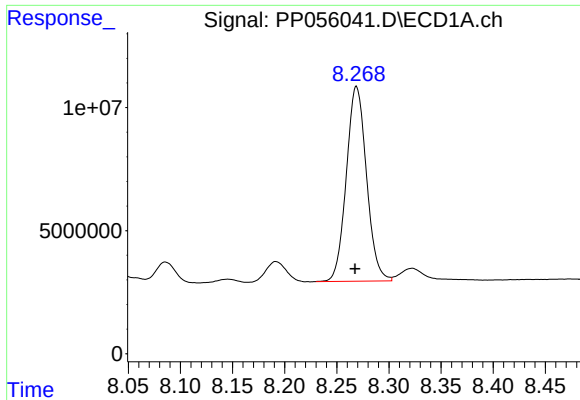
#36 AR-1262-1

R.T.: 7.726 min
Delta R.T.: 0.002 min
Response: 47777338
Conc: 404.96 ng/ml



#36 AR-1262-1

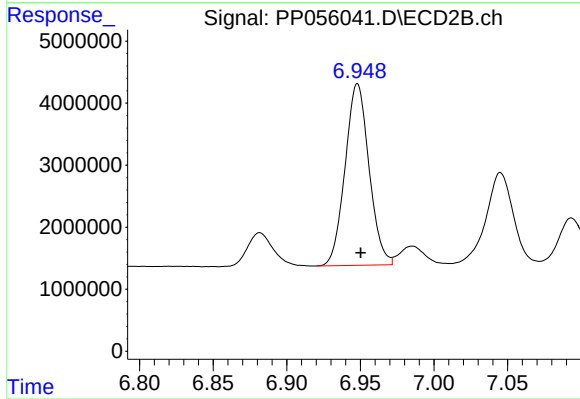
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 18144832
Conc: 514.77 ng/ml



#37 AR-1262-2

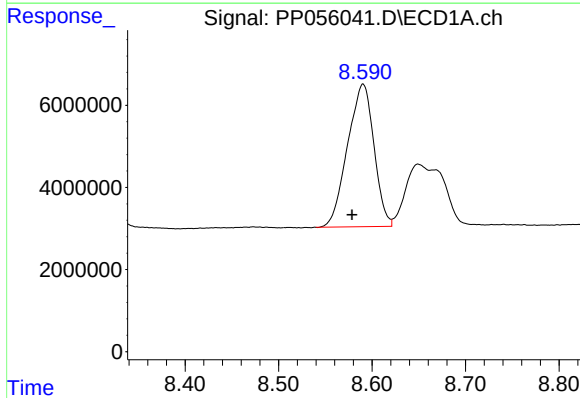
R.T.: 8.269 min
Delta R.T.: 0.001 min
Response: 106802818
Conc: 486.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



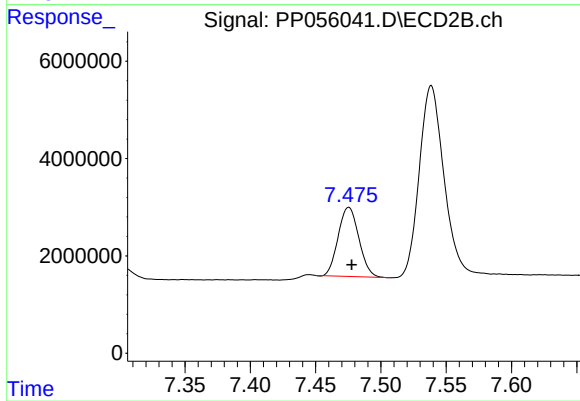
#37 AR-1262-2

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 33139334
Conc: 446.30 ng/ml



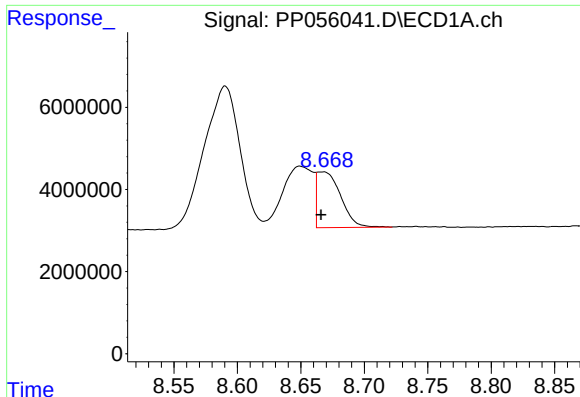
#38 AR-1262-3

R.T.: 8.590 min
Delta R.T.: 0.012 min
Response: 68156271
Conc: 445.82 ng/ml



#38 AR-1262-3

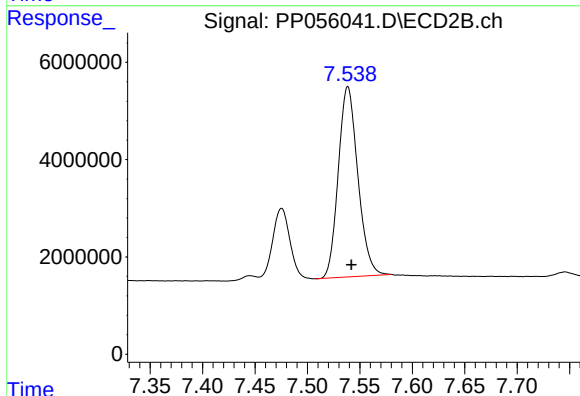
R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 15676964
Conc: 282.55 ng/ml



#39 AR-1262-4

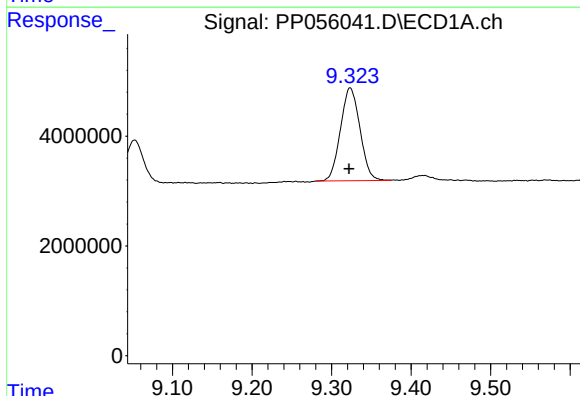
R.T.: 8.667 min
Delta R.T.: 0.002 min
Response: 17574535
Conc: 233.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



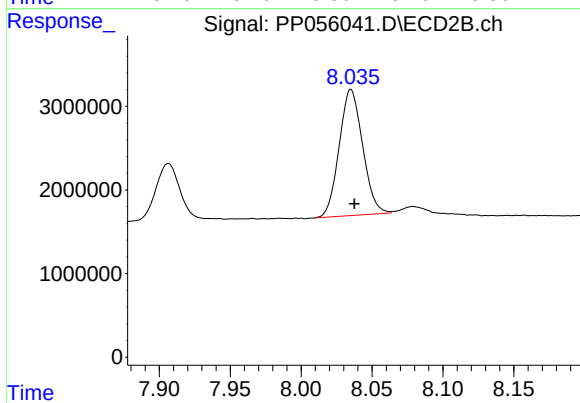
#39 AR-1262-4

R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 50743289
Conc: 499.86 ng/ml



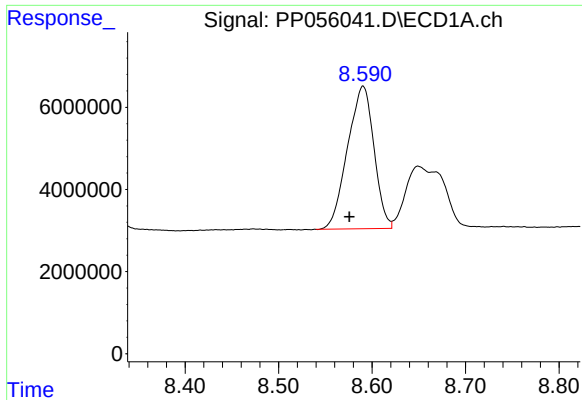
#40 AR-1262-5

R.T.: 9.323 min
Delta R.T.: 0.002 min
Response: 28862890
Conc: 350.08 ng/ml



#40 AR-1262-5

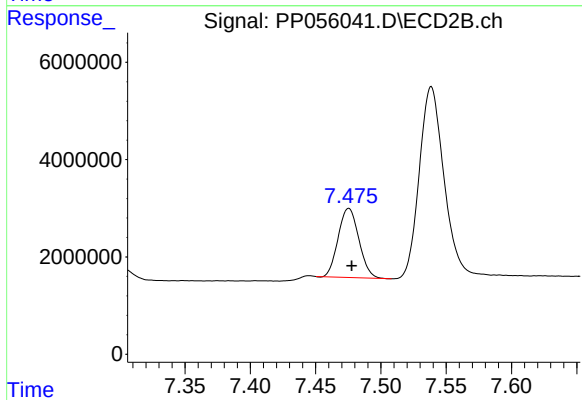
R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 17351716
Conc: 381.55 ng/ml



#41 AR-1268-1

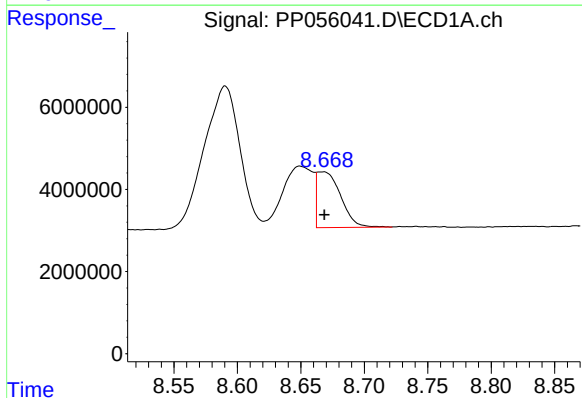
R.T.: 8.590 min
Delta R.T.: 0.015 min
Response: 68156271
Conc: 238.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



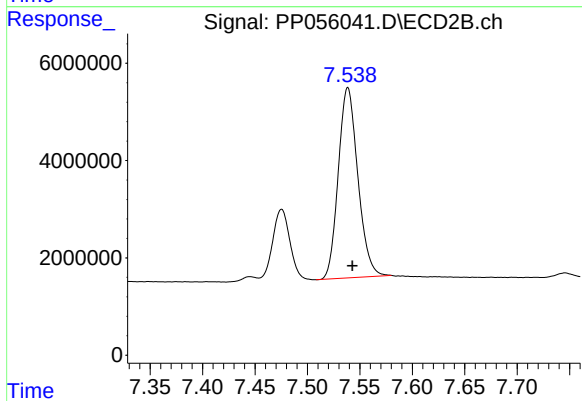
#41 AR-1268-1

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 15676964
Conc: 93.24 ng/ml



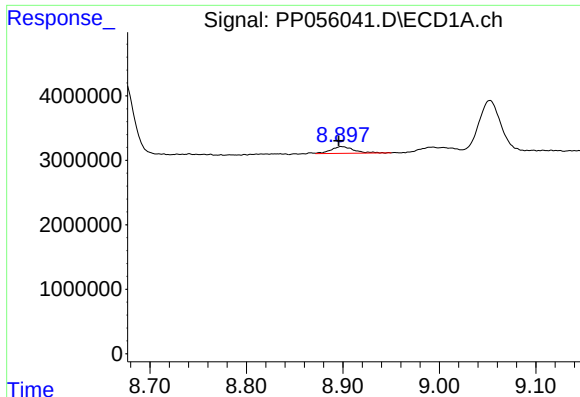
#42 AR-1268-2

R.T.: 8.667 min
Delta R.T.: -0.001 min
Response: 17574535
Conc: 65.91 ng/ml



#42 AR-1268-2

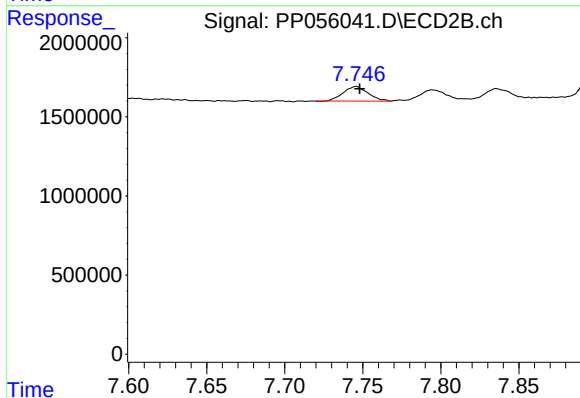
R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 50743289
Conc: 331.74 ng/ml



#43 AR-1268-3

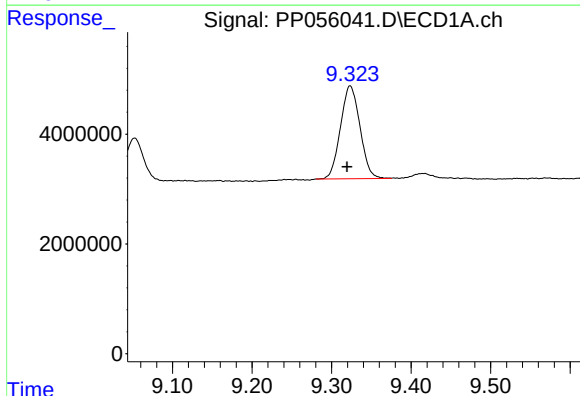
R.T.: 8.899 min
Delta R.T.: 0.003 min
Response: 1738250
Conc: 7.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



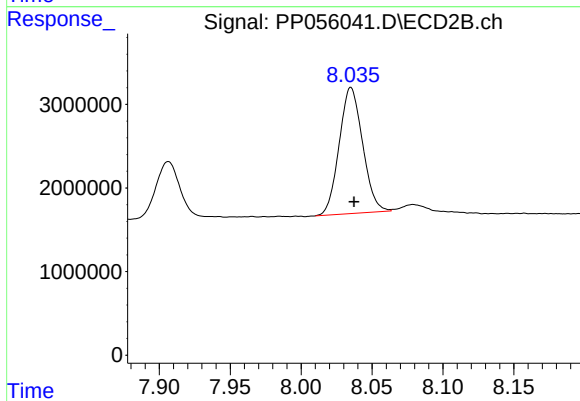
#43 AR-1268-3

R.T.: 7.746 min
Delta R.T.: -0.002 min
Response: 1023395
Conc: 7.46 ng/ml



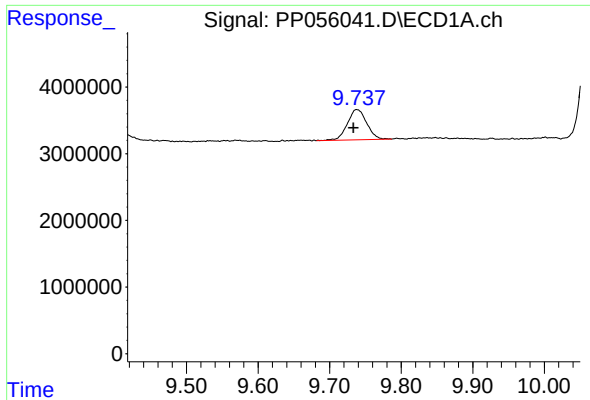
#44 AR-1268-4

R.T.: 9.323 min
Delta R.T.: 0.004 min
Response: 28862890
Conc: 292.34 ng/ml



#44 AR-1268-4

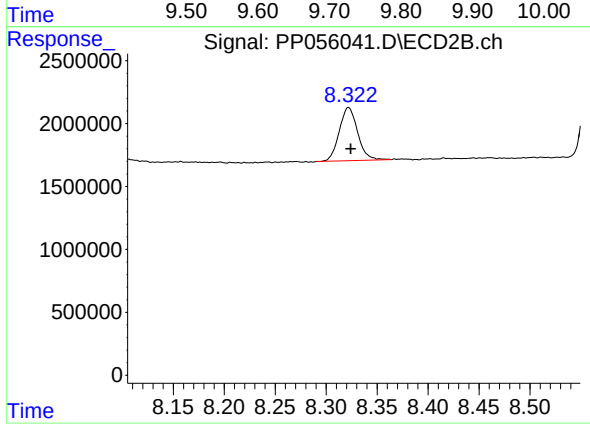
R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 17351716
Conc: 315.39 ng/ml



#45 AR-1268-5

R.T.: 9.738 min
Delta R.T.: 0.004 min
Response: 8493442
Conc: 11.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 5316107
Conc: 13.18 ng/ml