

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071122\
 Data File : PP049358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2022 17:52
 Operator : YP\AJ
 Sample : N3655-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 00:10:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 09:37:18 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...	4.346	3.596	35556906	58089338	25.012	22.685
2)	SA Decachlor...	10.094	8.568	32372178	26980805	26.392	23.936
Target Compounds							
3)	L1 AR-1016-1	5.523	4.671	33015077	48690838	627.992	533.485
4)	L1 AR-1016-2	5.545	4.690	46945083	68873453	622.944	535.184
5)	L1 AR-1016-3	5.607	4.865	28824672	36411457	592.105	492.063
6)	L1 AR-1016-4	5.707	4.905	24142605	29409150	621.972	574.865
7)	L1 AR-1016-5	6.002	5.118	23791261	37001796	623.573	496.013
8)	L2 AR-1221-1	4.557	3.806	3470009	5065870	203.552	150.927 #
9)	L2 AR-1221-2	4.645	3.892	3830703	6817506	299.646	265.573
10)	L2 AR-1221-3	4.722	3.967	16829343	27231264	425.262	370.318
11)	L3 AR-1232-1	4.722	3.967	16829343	27231264	442.621	391.974
12)	L3 AR-1232-2	5.253	4.690	23282152	68873453	1231.718	1071.998
13)	L3 AR-1232-3	5.545	4.865	46945083	36411457	1270.127	1034.249
14)	L3 AR-1232-4	5.707	4.947	24142605	35403362	1263.037	1118.718
15)	L3 AR-1232-5	5.795	5.118	21272055	37001796	1364.026	1033.536
16)	L4 AR-1242-1	5.523	4.671	33015077	48690838	814.716	677.017
17)	L4 AR-1242-2	5.545	4.690	46945083	68873453	815.131	680.022
18)	L4 AR-1242-3	5.607	4.865	28824672	36411457	796.156	653.180
19)	L4 AR-1242-4	5.707	4.947	24142605	35403362	820.644	639.522
20)	L4 AR-1242-5	6.448	5.468	3450709	29279457	103.407	420.556 #
21)	L5 AR-1248-1	5.523	4.671	33015077	48690838	1026.634	837.728
22)	L5 AR-1248-2	5.795	4.905	21272055	29409150	457.590	438.221
23)	L5 AR-1248-3	6.002	4.947	23791261	35403362	444.286	431.967
24)	L5 AR-1248-4	6.408	5.118	4125404	37001796	66.753	375.083 #
25)	L5 AR-1248-5	6.448	5.509	3450709	4621412	59.853	46.070
26)	L6 AR-1254-1	6.379	5.468	18594656	29279457	275.849	199.439 #
27)	L6 AR-1254-2	6.597	5.614	21386172	28154189	228.025	225.670
28)	L6 AR-1254-3	6.968	6.031	13735592	46039535	135.367	255.695 #
29)	L6 AR-1254-4	7.255	6.244	8526798	7056446	113.653	65.223 #
30)	L6 AR-1254-5	7.675	6.660	67490007	74506725	799.947	513.343 #
31)	L7 AR-1260-1	7.130	6.145	44809099	57010748	615.950	494.870
32)	L7 AR-1260-2	7.388	6.333	52870428	64804098	628.182	483.141
33)	L7 AR-1260-3	7.746	6.486	34633279	60200769	619.050	494.531
34)	L7 AR-1260-4	7.974	6.956	46774512	44391421	668.843	526.141
35)	L7 AR-1260-5	8.294	7.197	77628016	89444811	566.536	474.451
36)	L8 AR-1262-1	7.746	6.697	34633279	45847351	369.494	344.654
37)	L8 AR-1262-2	8.294	6.956	77628016	44391421	453.633	391.736
38)	L8 AR-1262-3	8.600	7.480	38566997	39093265	515.379	479.802
39)	L8 AR-1262-4	8.694	7.543	40144216	71517354	855.288	490.627 #
40)	L8 AR-1262-5	9.353	8.036	22261747	18555560	368.202	307.638
41)	L9 AR-1268-1	8.600	7.480	38566997	39093265	205.364	181.724

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 ALS Vial : 27 Sample Multiplier: 1

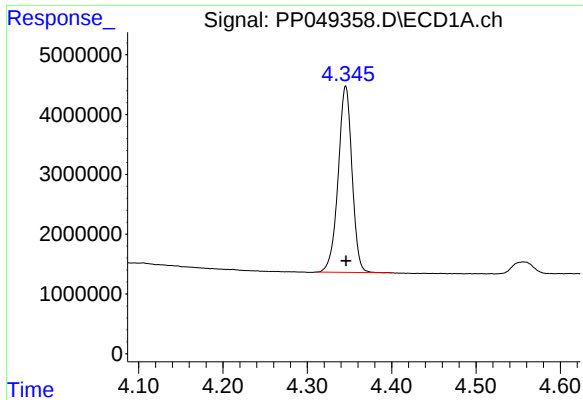
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 00:10:58 2022
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 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	8.694	7.543	40144216	71517354	229.446	373.872 #
43) L9	AR-1268-3	8.919	7.750	19714602	18601520	137.622	122.133
44) L9	AR-1268-4	9.353	8.036	22261747	18555560	347.513	291.153
45) L9	AR-1268-5	9.760	8.320	57498088	46487746	124.664	116.508

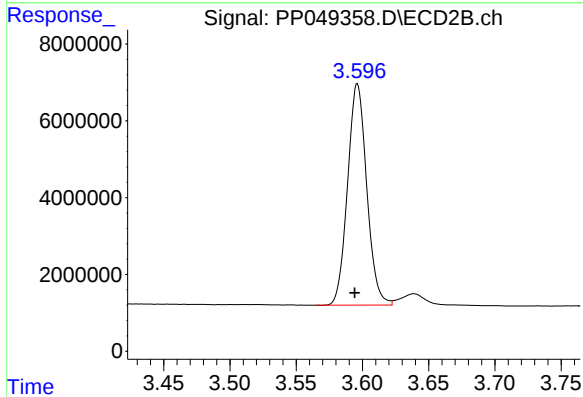
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

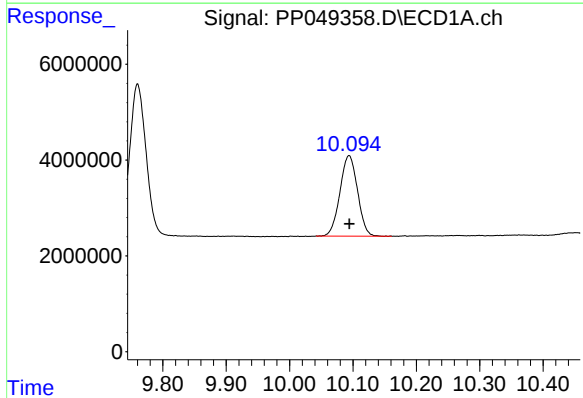
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 35556906
Conc: 25.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



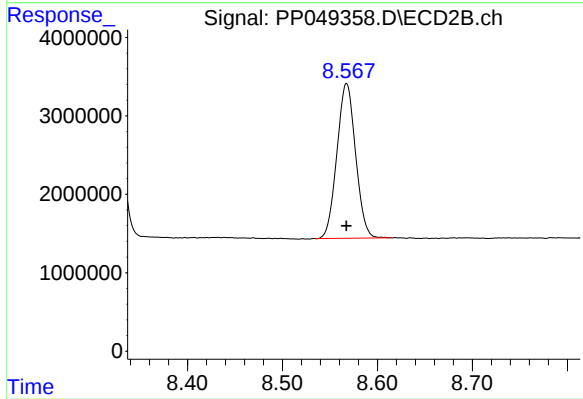
#1 Tetrachloro-m-xylene

R.T.: 3.596 min
Delta R.T.: 0.002 min
Response: 58089338
Conc: 22.69 ng/ml



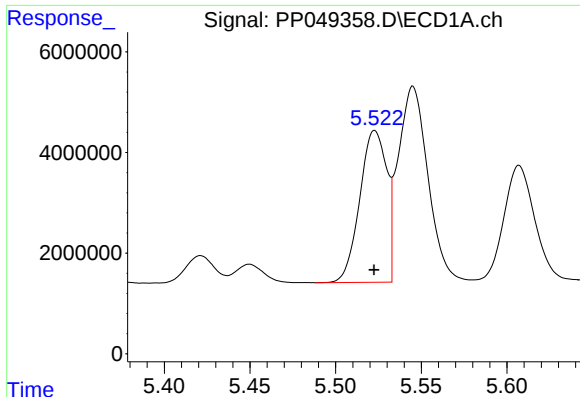
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: 0.000 min
Response: 32372178
Conc: 26.39 ng/ml



#2 Decachlorobiphenyl

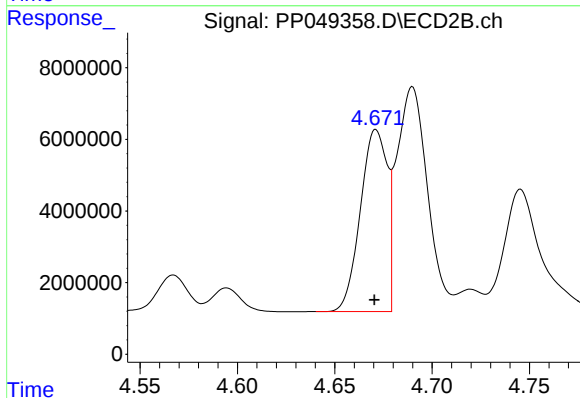
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 26980805
Conc: 23.94 ng/ml



#3 AR-1016-1

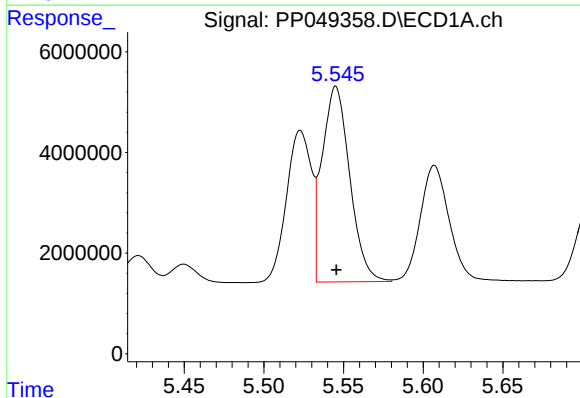
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 33015077
Conc: 627.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



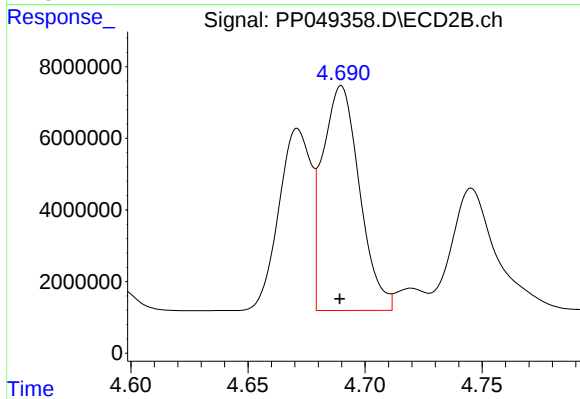
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 48690838
Conc: 533.48 ng/ml



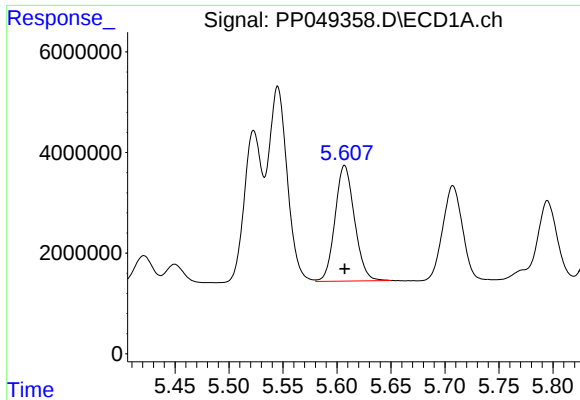
#4 AR-1016-2

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 46945083
Conc: 622.94 ng/ml



#4 AR-1016-2

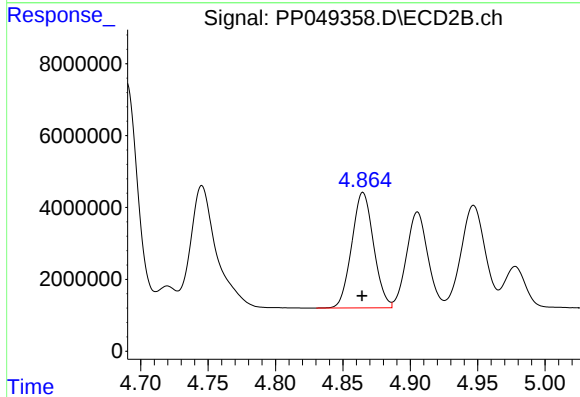
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 68873453
Conc: 535.18 ng/ml



#5 AR-1016-3

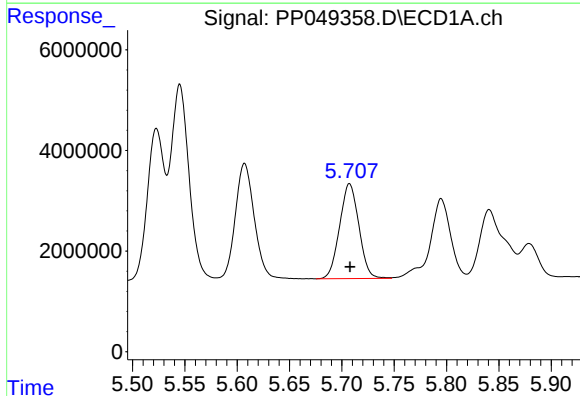
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 28824672
Conc: 592.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



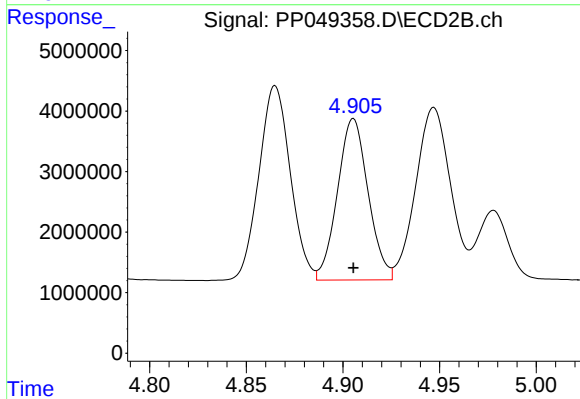
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 36411457
Conc: 492.06 ng/ml



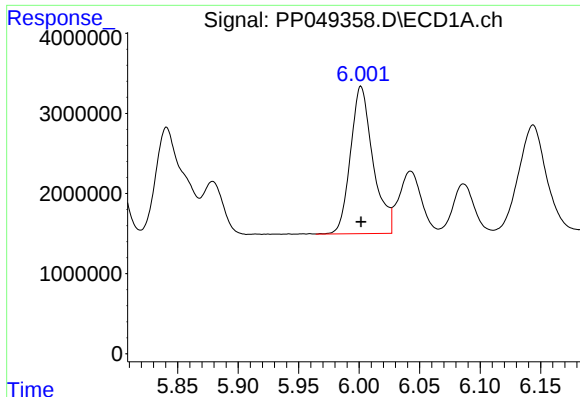
#6 AR-1016-4

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 24142605
Conc: 621.97 ng/ml



#6 AR-1016-4

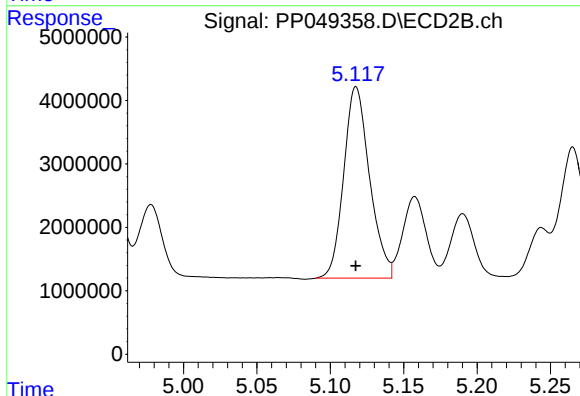
R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 29409150
Conc: 574.86 ng/ml



#7 AR-1016-5

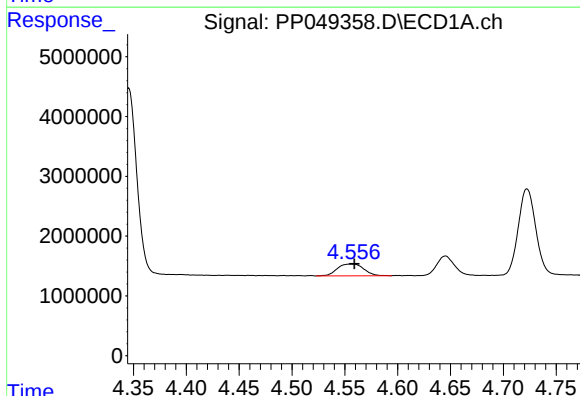
R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 23791261
Conc: 623.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



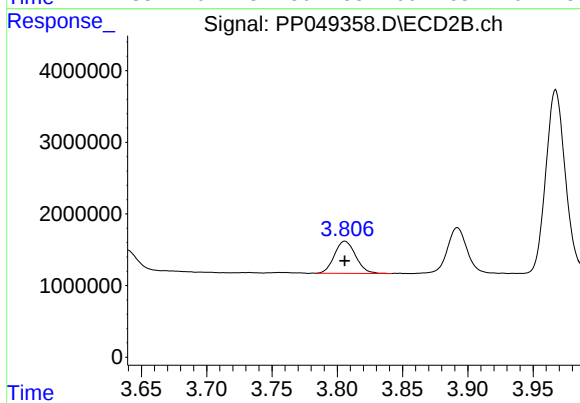
#7 AR-1016-5

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 37001796
Conc: 496.01 ng/ml



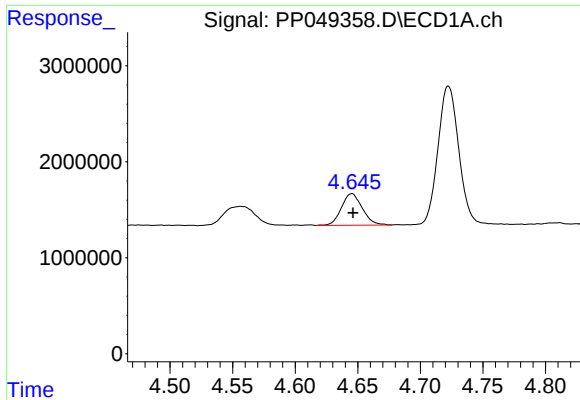
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.003 min
Response: 3470009
Conc: 203.55 ng/ml



#8 AR-1221-1

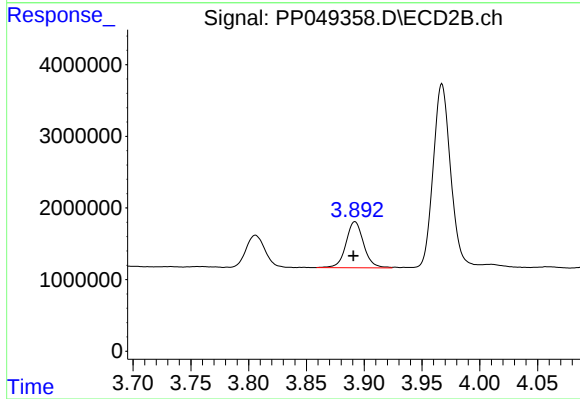
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 5065870
Conc: 150.93 ng/ml



#9 AR-1221-2

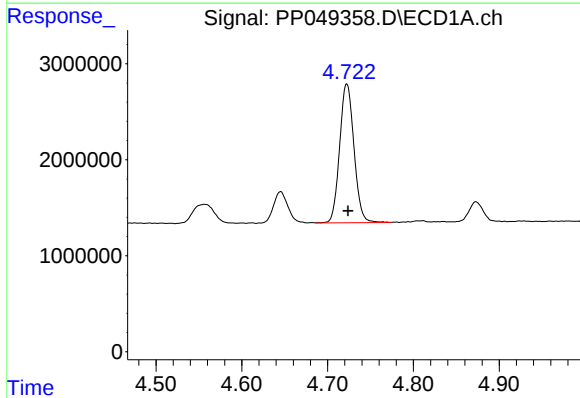
R.T.: 4.645 min
Delta R.T.: -0.001 min
Response: 3830703
Conc: 299.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



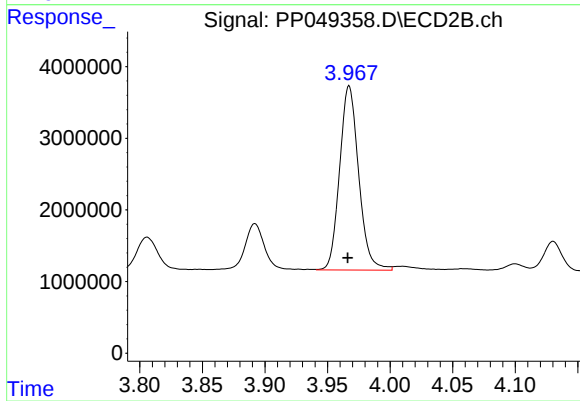
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: 0.001 min
Response: 6817506
Conc: 265.57 ng/ml



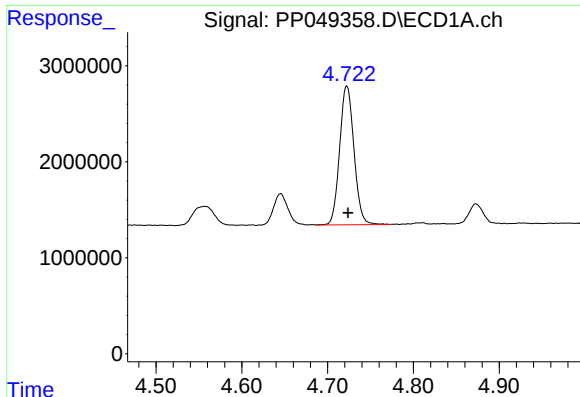
#10 AR-1221-3

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 16829343
Conc: 425.26 ng/ml



#10 AR-1221-3

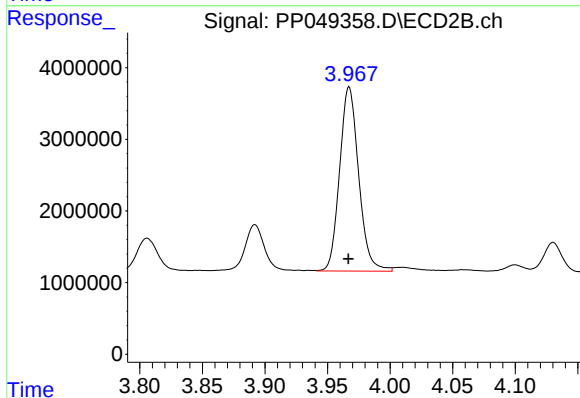
R.T.: 3.967 min
Delta R.T.: 0.001 min
Response: 27231264
Conc: 370.32 ng/ml



#11 AR-1232-1

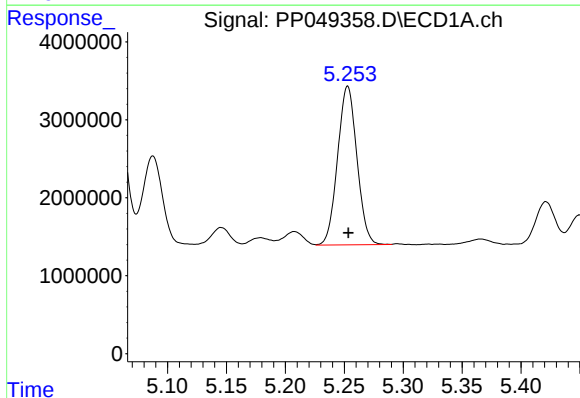
R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 16829343
Conc: 442.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



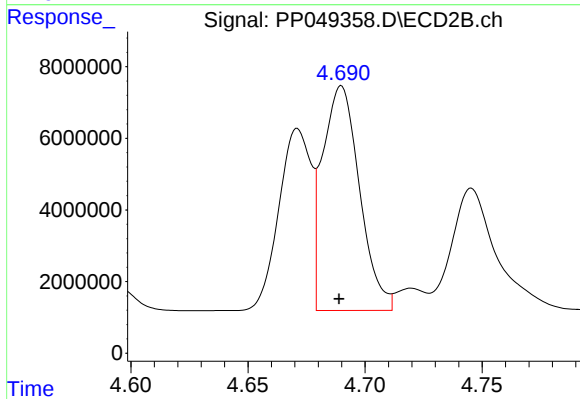
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 27231264
Conc: 391.97 ng/ml



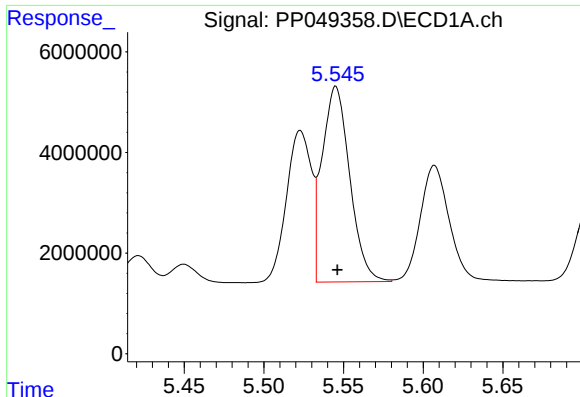
#12 AR-1232-2

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 23282152
Conc: 1231.72 ng/ml



#12 AR-1232-2

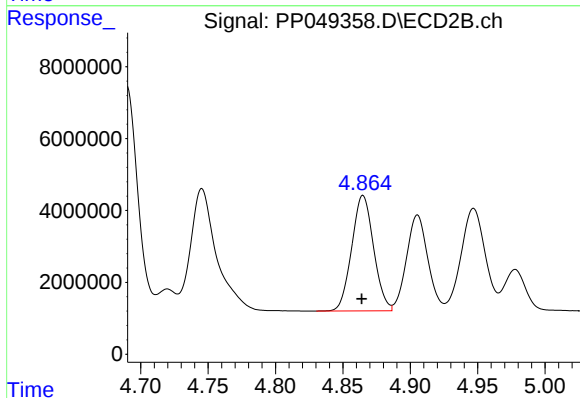
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 68873453
Conc: 1072.00 ng/ml



#13 AR-1232-3

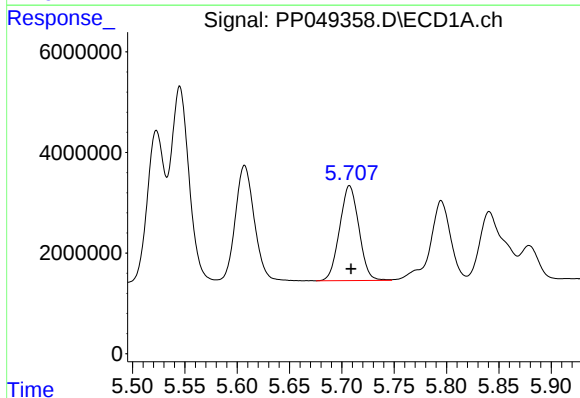
R.T.: 5.545 min
Delta R.T.: -0.001 min
Response: 46945083
Conc: 1270.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



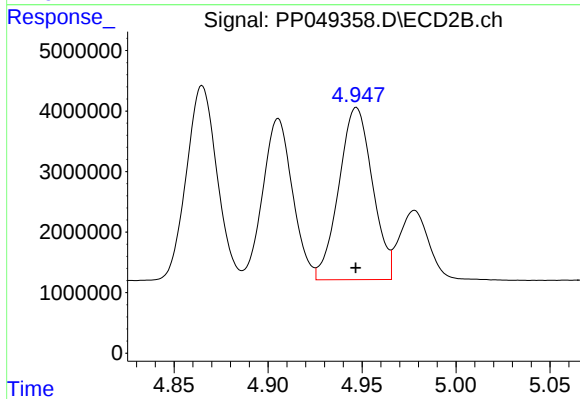
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 36411457
Conc: 1034.25 ng/ml



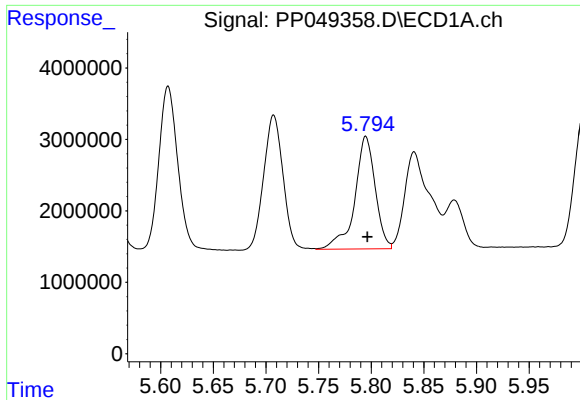
#14 AR-1232-4

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 24142605
Conc: 1263.04 ng/ml



#14 AR-1232-4

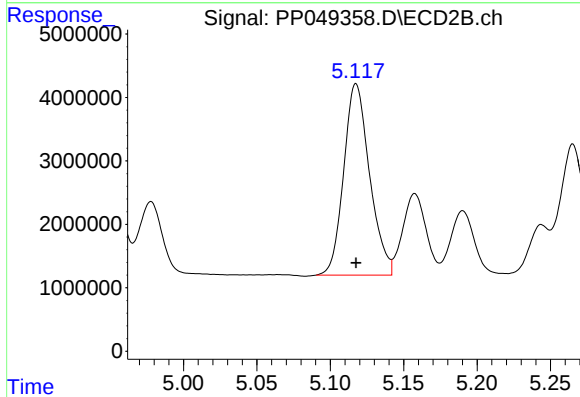
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 35403362
Conc: 1118.72 ng/ml



#15 AR-1232-5

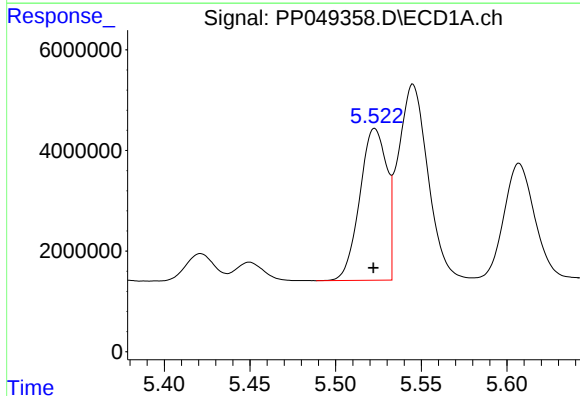
R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 21272055
Conc: 1364.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



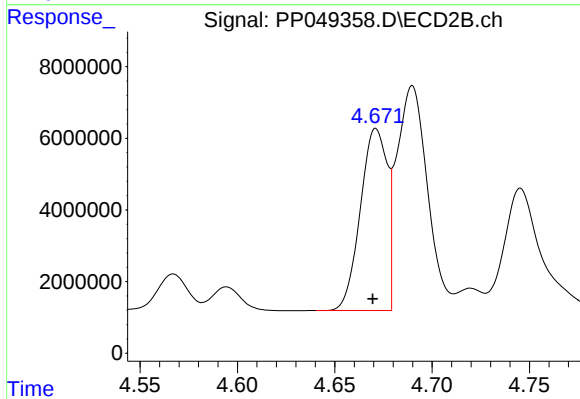
#15 AR-1232-5

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 37001796
Conc: 1033.54 ng/ml



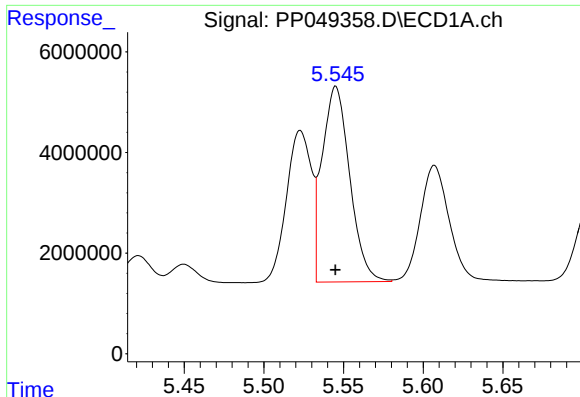
#16 AR-1242-1

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 33015077
Conc: 814.72 ng/ml



#16 AR-1242-1

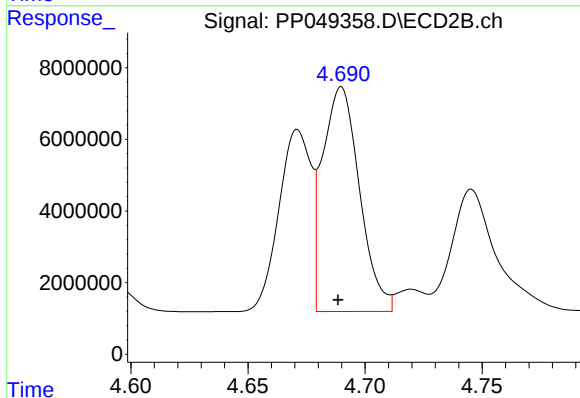
R.T.: 4.671 min
Delta R.T.: 0.002 min
Response: 48690838
Conc: 677.02 ng/ml



#17 AR-1242-2

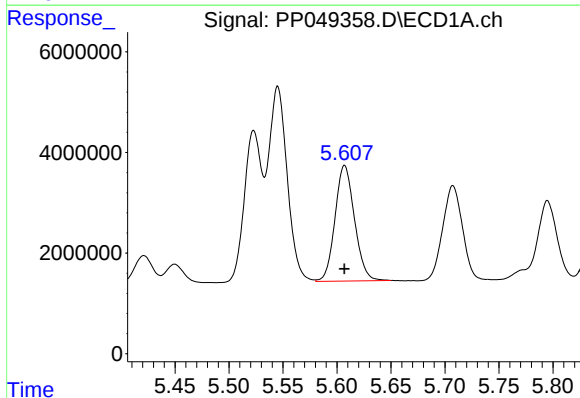
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 46945083
Conc: 815.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



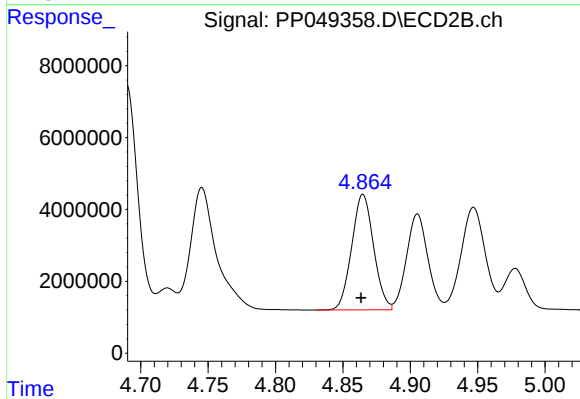
#17 AR-1242-2

R.T.: 4.690 min
Delta R.T.: 0.001 min
Response: 68873453
Conc: 680.02 ng/ml



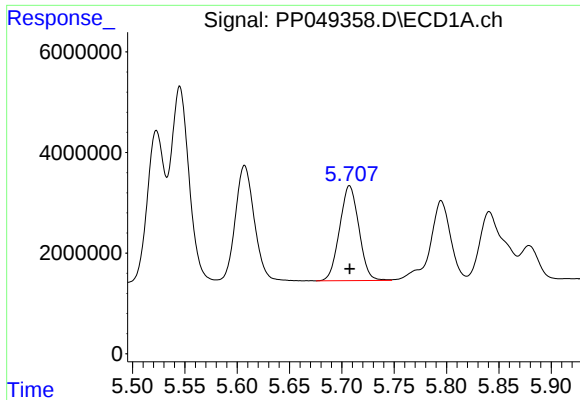
#18 AR-1242-3

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 28824672
Conc: 796.16 ng/ml



#18 AR-1242-3

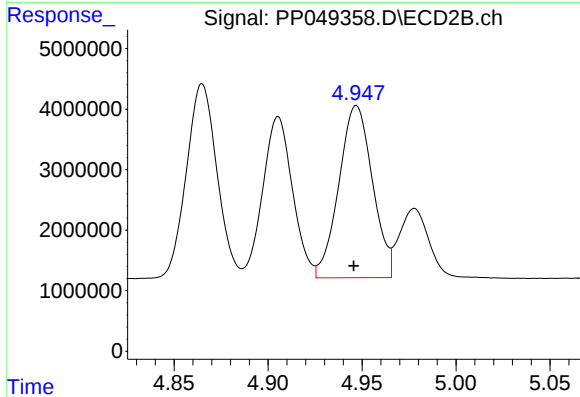
R.T.: 4.865 min
Delta R.T.: 0.001 min
Response: 36411457
Conc: 653.18 ng/ml



#19 AR-1242-4

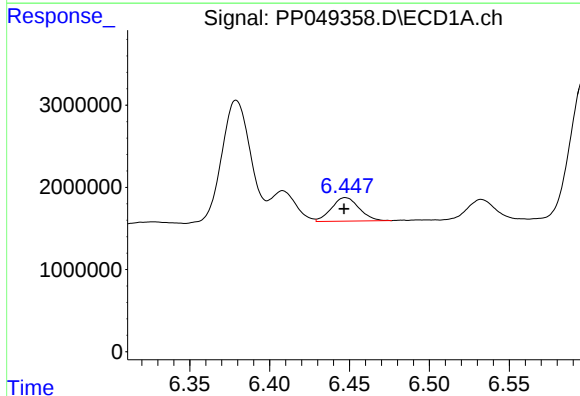
R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 24142605
Conc: 820.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



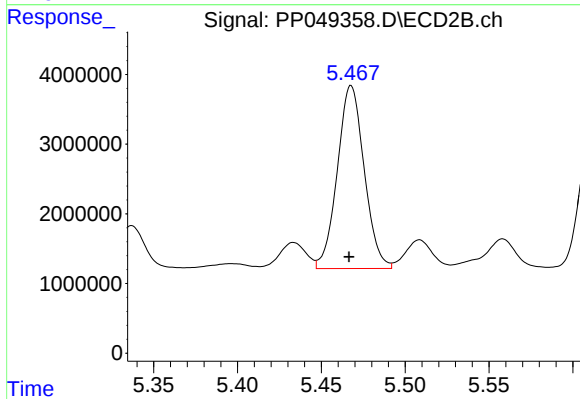
#19 AR-1242-4

R.T.: 4.947 min
Delta R.T.: 0.001 min
Response: 35403362
Conc: 639.52 ng/ml



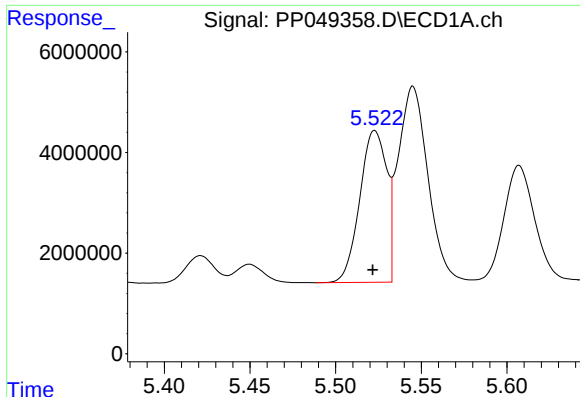
#20 AR-1242-5

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 3450709
Conc: 103.41 ng/ml



#20 AR-1242-5

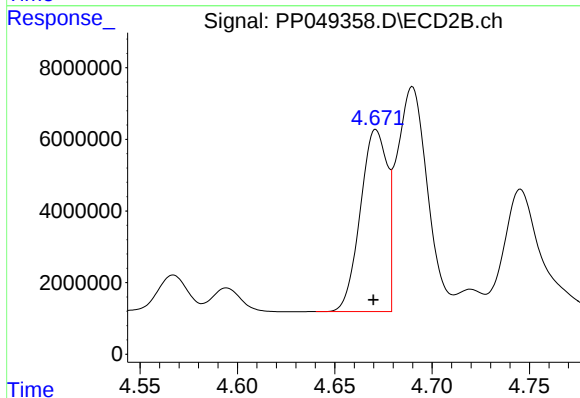
R.T.: 5.468 min
Delta R.T.: 0.001 min
Response: 29279457
Conc: 420.56 ng/ml



#21 AR-1248-1

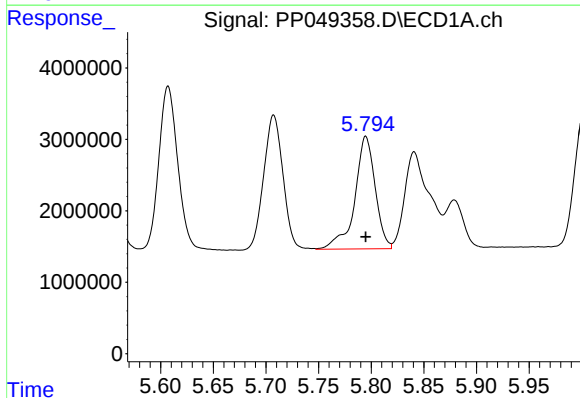
R.T.: 5.523 min
Delta R.T.: 0.001 min
Response: 33015077
Conc: 1026.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



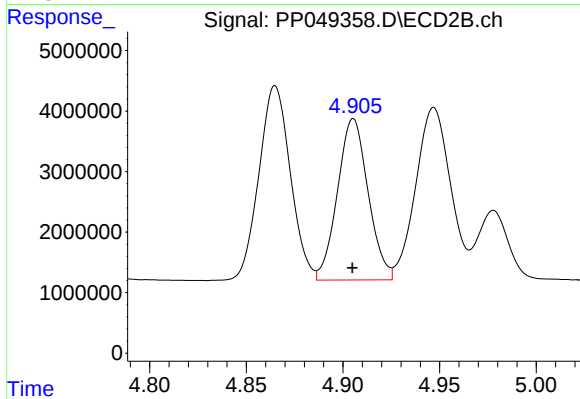
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 48690838
Conc: 837.73 ng/ml



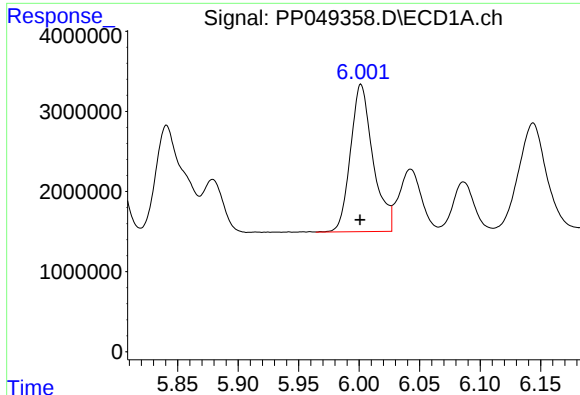
#22 AR-1248-2

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 21272055
Conc: 457.59 ng/ml



#22 AR-1248-2

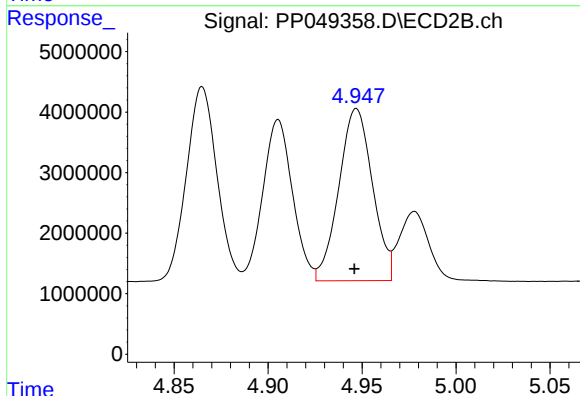
R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 29409150
Conc: 438.22 ng/ml



#23 AR-1248-3

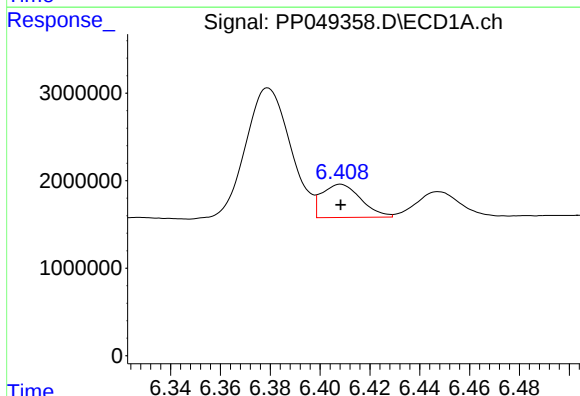
R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 23791261
Conc: 444.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



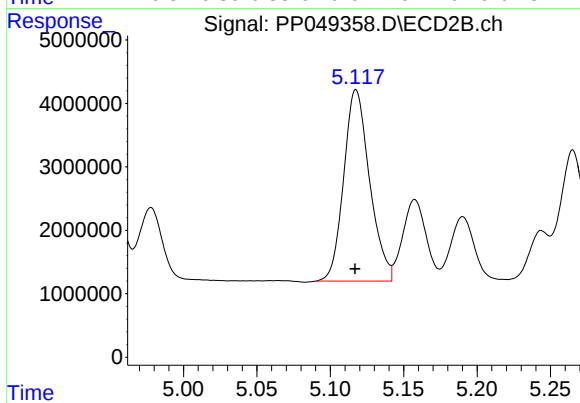
#23 AR-1248-3

R.T.: 4.947 min
Delta R.T.: 0.001 min
Response: 35403362
Conc: 431.97 ng/ml



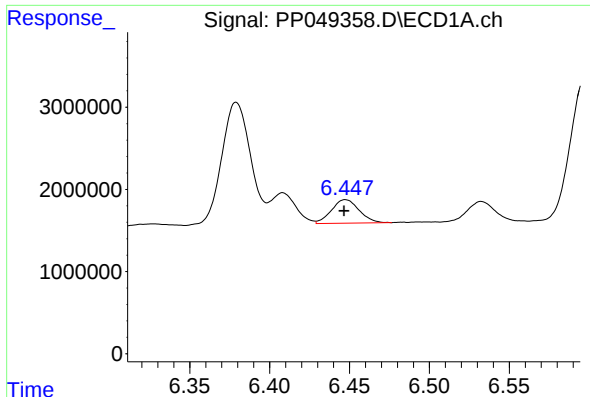
#24 AR-1248-4

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 4125404
Conc: 66.75 ng/ml



#24 AR-1248-4

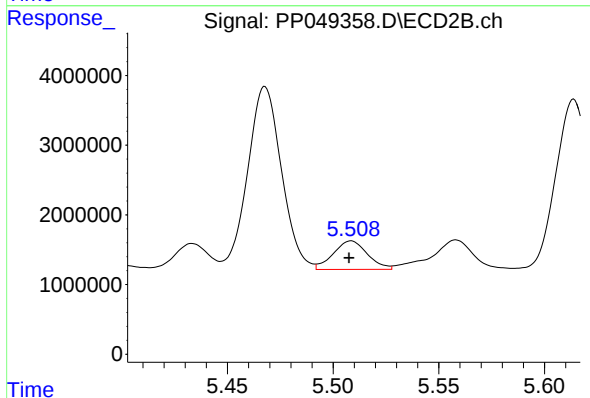
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 37001796
Conc: 375.08 ng/ml



#25 AR-1248-5

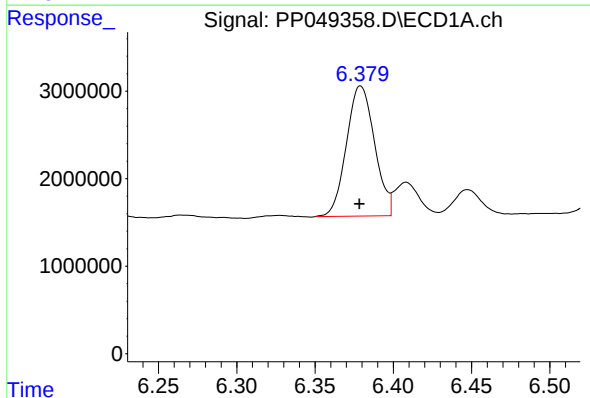
R.T.: 6.448 min
Delta R.T.: 0.001 min
Response: 3450709
Conc: 59.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



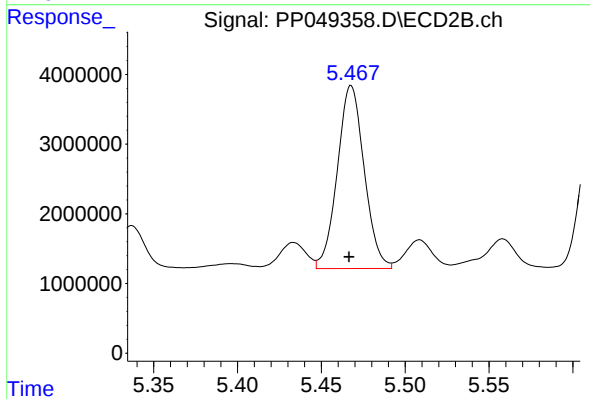
#25 AR-1248-5

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 4621412
Conc: 46.07 ng/ml



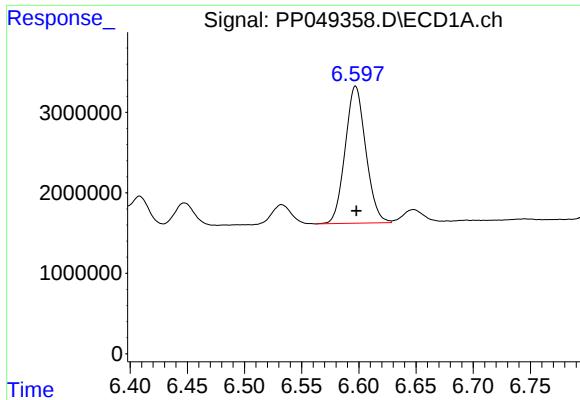
#26 AR-1254-1

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 18594656
Conc: 275.85 ng/ml



#26 AR-1254-1

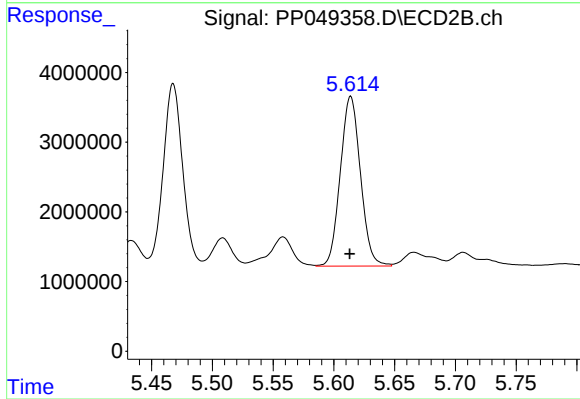
R.T.: 5.468 min
Delta R.T.: 0.001 min
Response: 29279457
Conc: 199.44 ng/ml



#27 AR-1254-2

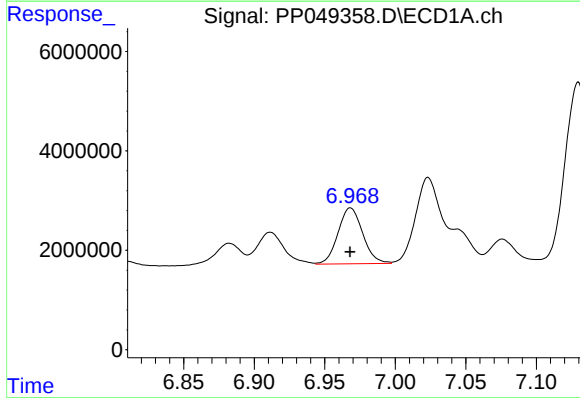
R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 21386172
Conc: 228.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



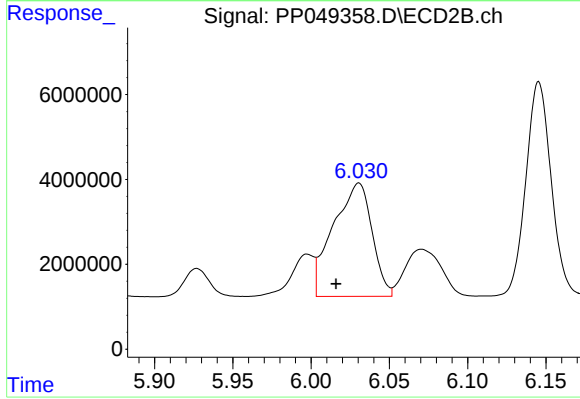
#27 AR-1254-2

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 28154189
Conc: 225.67 ng/ml



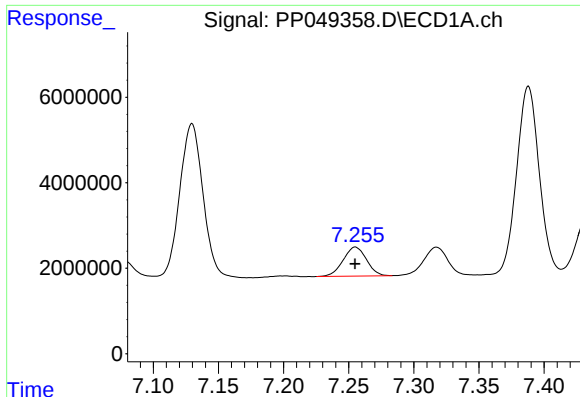
#28 AR-1254-3

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 13735592
Conc: 135.37 ng/ml



#28 AR-1254-3

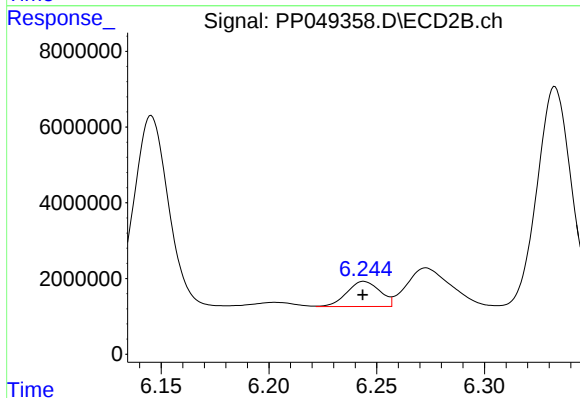
R.T.: 6.031 min
Delta R.T.: 0.014 min
Response: 46039535
Conc: 255.70 ng/ml



#29 AR-1254-4

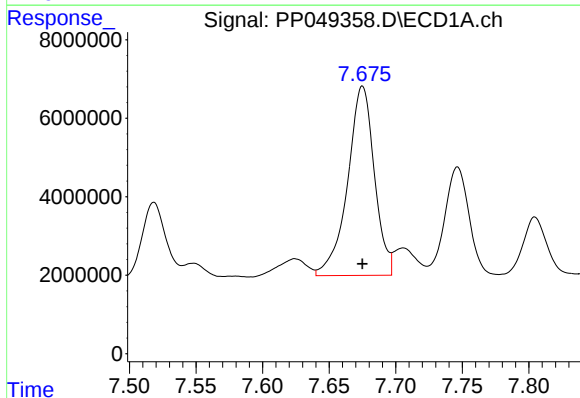
R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 8526798
Conc: 113.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



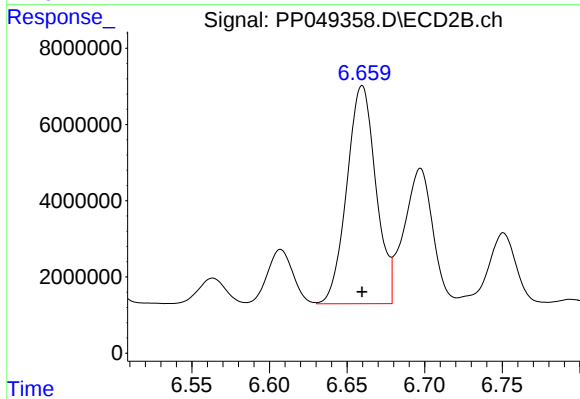
#29 AR-1254-4

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 7056446
Conc: 65.22 ng/ml



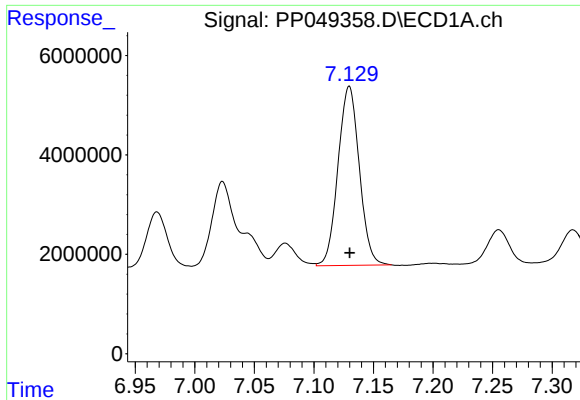
#30 AR-1254-5

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 67490007
Conc: 799.95 ng/ml



#30 AR-1254-5

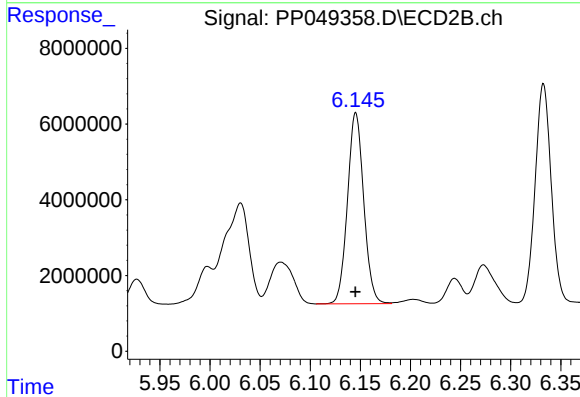
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 74506725
Conc: 513.34 ng/ml



#31 AR-1260-1

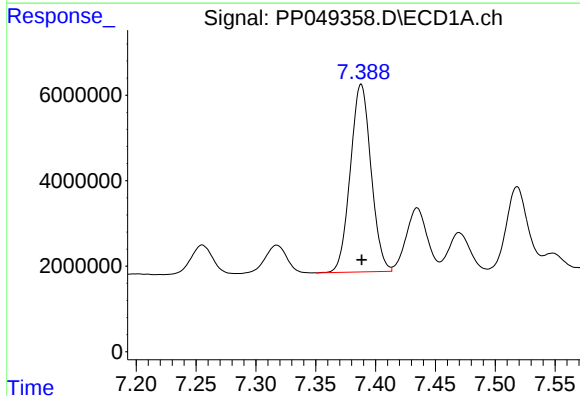
R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 44809099
Conc: 615.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



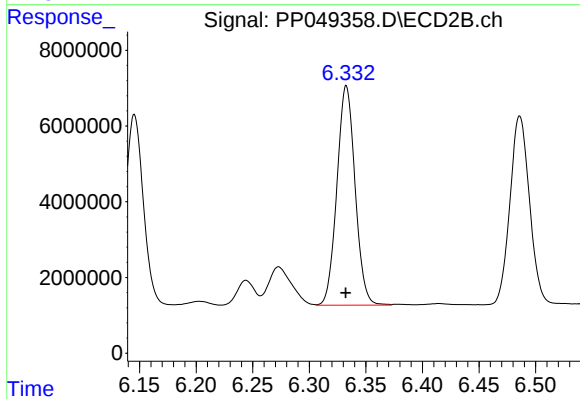
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 57010748
Conc: 494.87 ng/ml



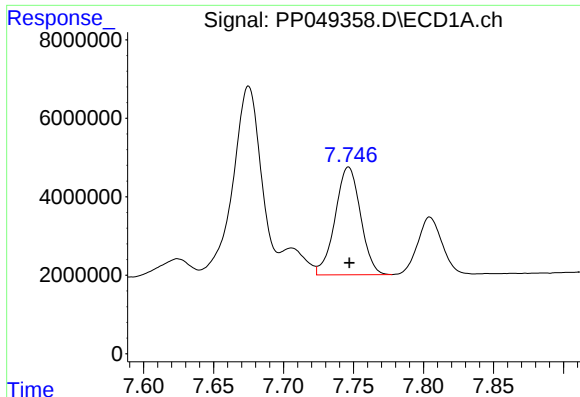
#32 AR-1260-2

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 52870428
Conc: 628.18 ng/ml



#32 AR-1260-2

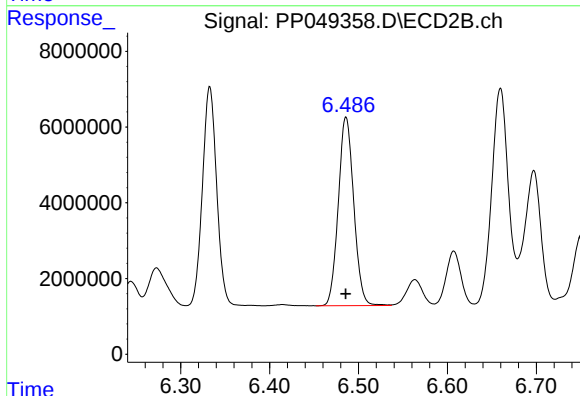
R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 64804098
Conc: 483.14 ng/ml



#33 AR-1260-3

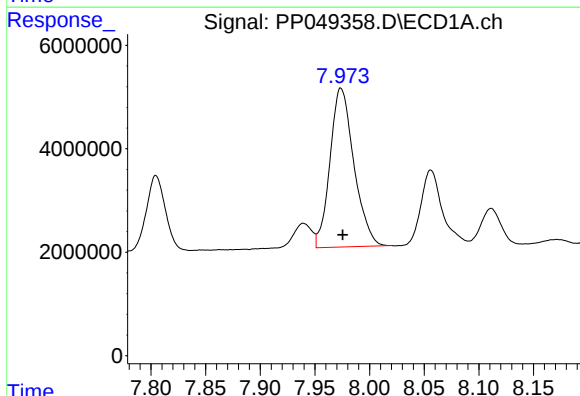
R.T.: 7.746 min
Delta R.T.: 0.000 min
Response: 34633279
Conc: 619.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



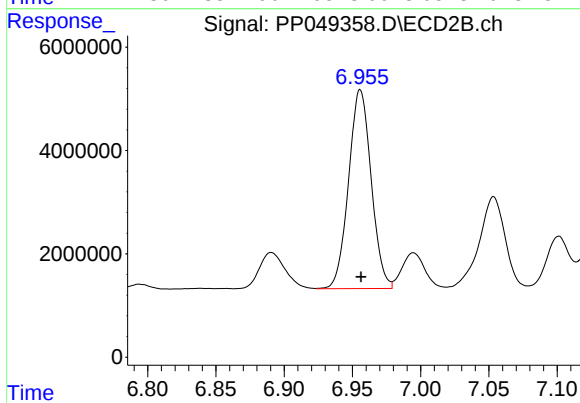
#33 AR-1260-3

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 60200769
Conc: 494.53 ng/ml



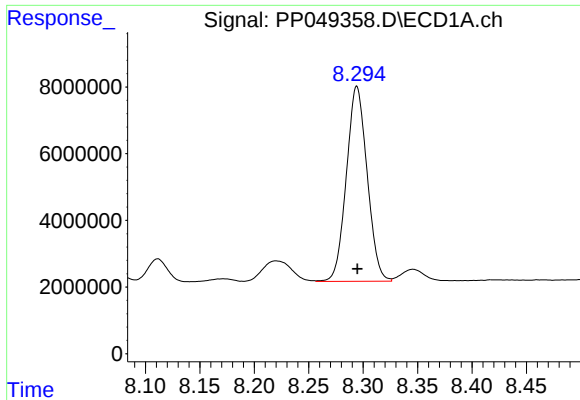
#34 AR-1260-4

R.T.: 7.974 min
Delta R.T.: -0.002 min
Response: 46774512
Conc: 668.84 ng/ml



#34 AR-1260-4

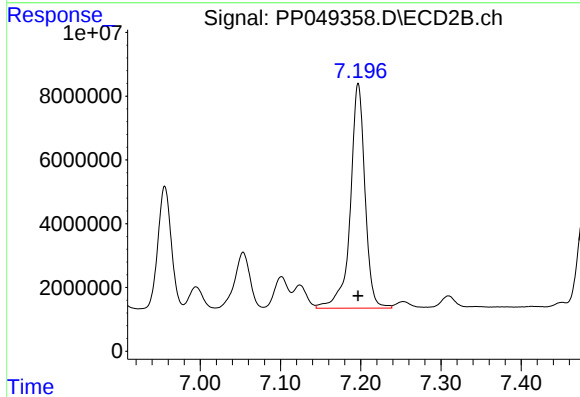
R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 44391421
Conc: 526.14 ng/ml



#35 AR-1260-5

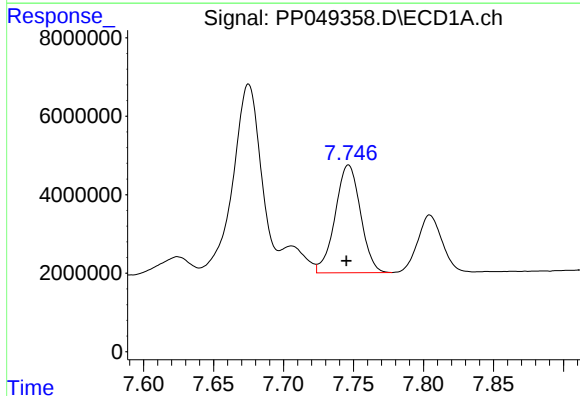
R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 77628016
Conc: 566.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



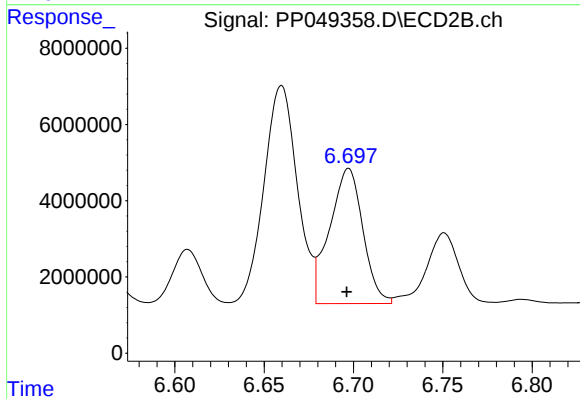
#35 AR-1260-5

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 89444811
Conc: 474.45 ng/ml



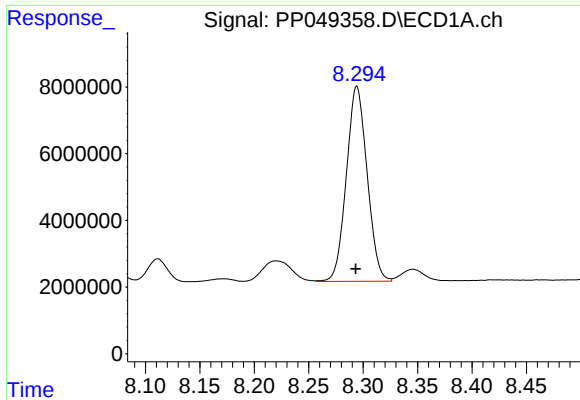
#36 AR-1262-1

R.T.: 7.746 min
Delta R.T.: 0.001 min
Response: 34633279
Conc: 369.49 ng/ml



#36 AR-1262-1

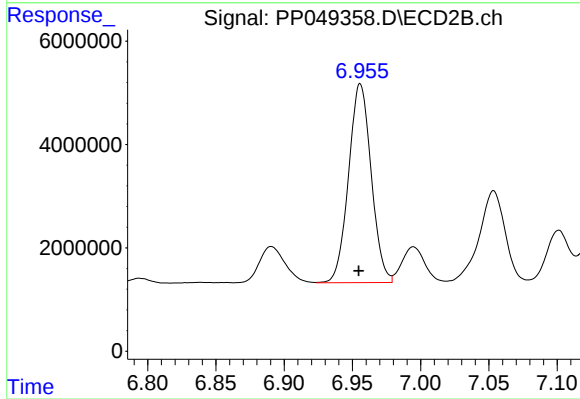
R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 45847351
Conc: 344.65 ng/ml



#37 AR-1262-2

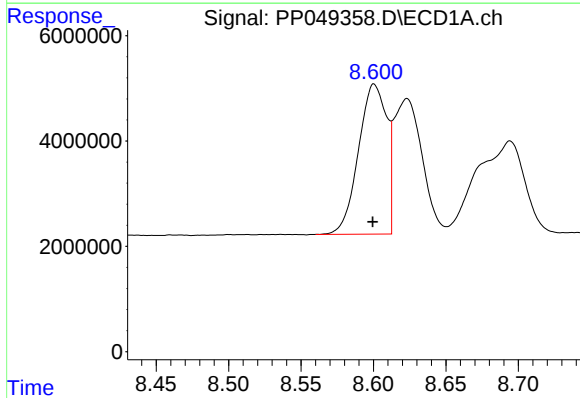
R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 77628016
Conc: 453.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



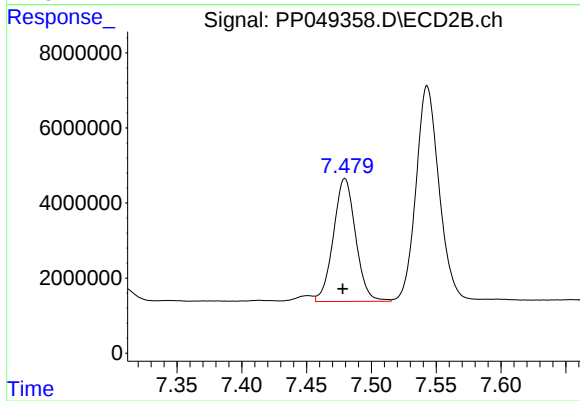
#37 AR-1262-2

R.T.: 6.956 min
Delta R.T.: 0.001 min
Response: 44391421
Conc: 391.74 ng/ml



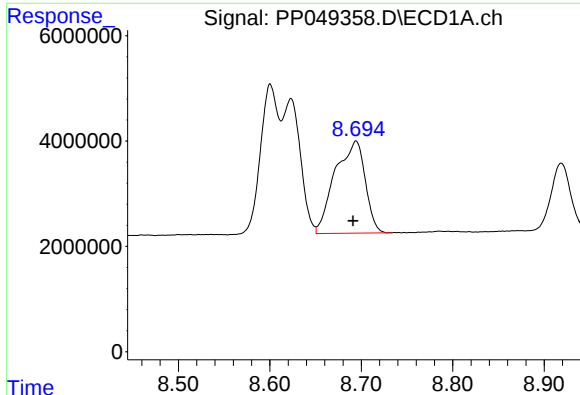
#38 AR-1262-3

R.T.: 8.600 min
Delta R.T.: 0.001 min
Response: 38566997
Conc: 515.38 ng/ml



#38 AR-1262-3

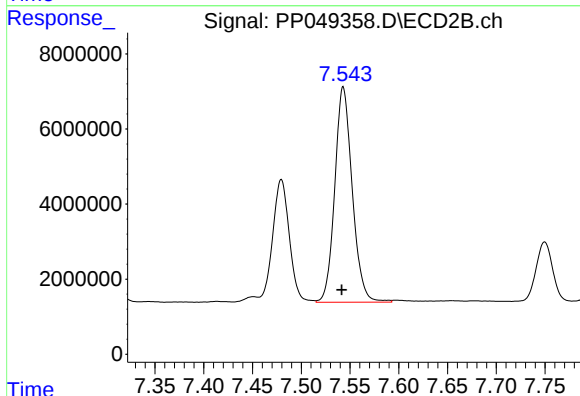
R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 39093265
Conc: 479.80 ng/ml



#39 AR-1262-4

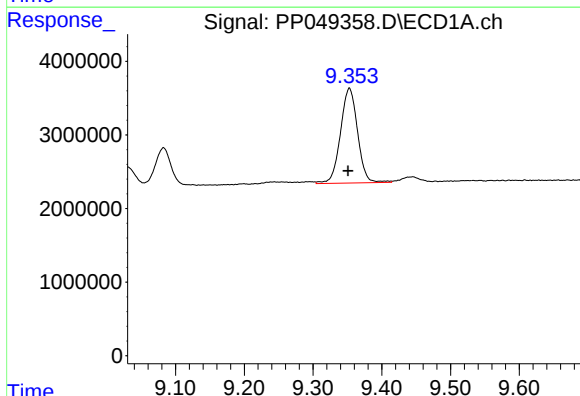
R.T.: 8.694 min
Delta R.T.: 0.003 min
Response: 40144216
Conc: 855.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



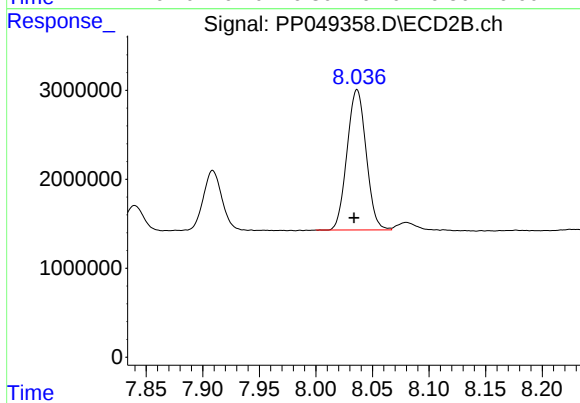
#39 AR-1262-4

R.T.: 7.543 min
Delta R.T.: 0.002 min
Response: 71517354
Conc: 490.63 ng/ml



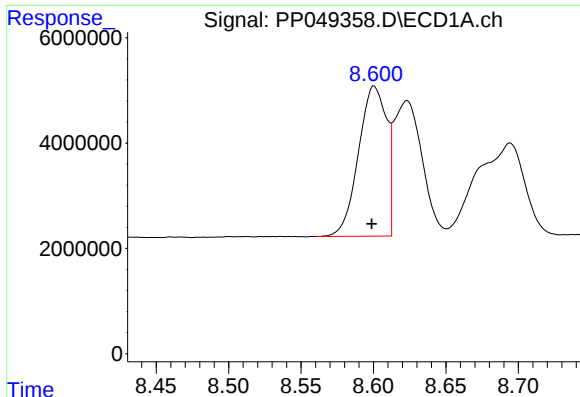
#40 AR-1262-5

R.T.: 9.353 min
Delta R.T.: 0.002 min
Response: 22261747
Conc: 368.20 ng/ml



#40 AR-1262-5

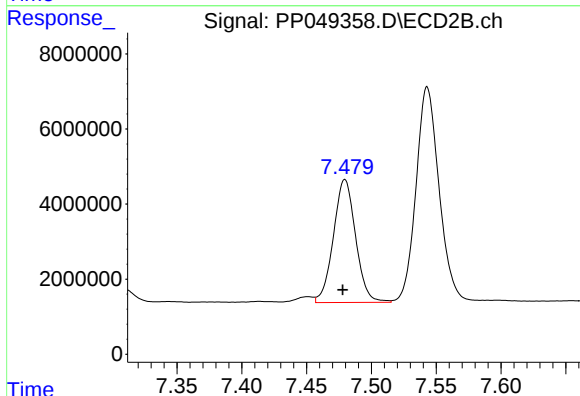
R.T.: 8.036 min
Delta R.T.: 0.003 min
Response: 18555560
Conc: 307.64 ng/ml



#41 AR-1268-1

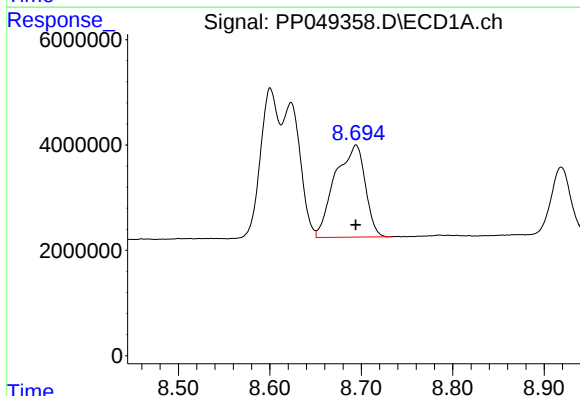
R.T.: 8.600 min
Delta R.T.: 0.002 min
Response: 38566997
Conc: 205.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



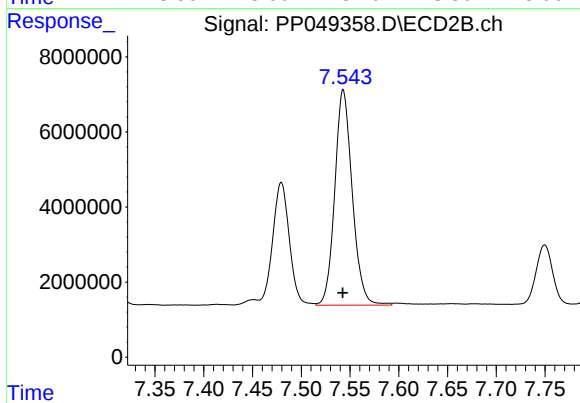
#41 AR-1268-1

R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 39093265
Conc: 181.72 ng/ml



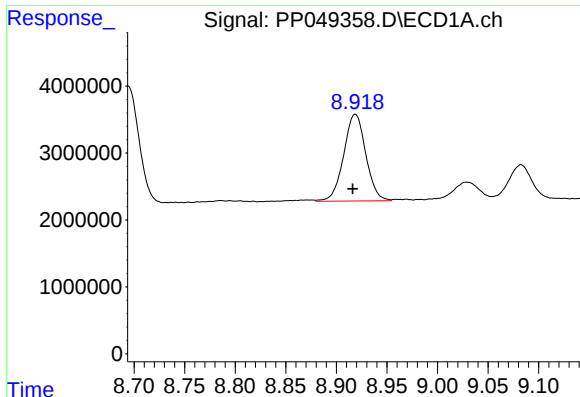
#42 AR-1268-2

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 40144216
Conc: 229.45 ng/ml



#42 AR-1268-2

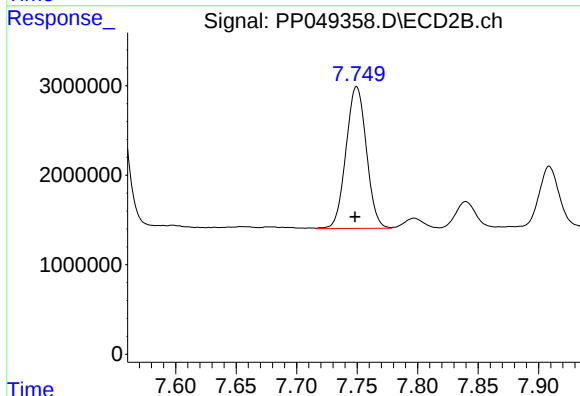
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 71517354
Conc: 373.87 ng/ml



#43 AR-1268-3

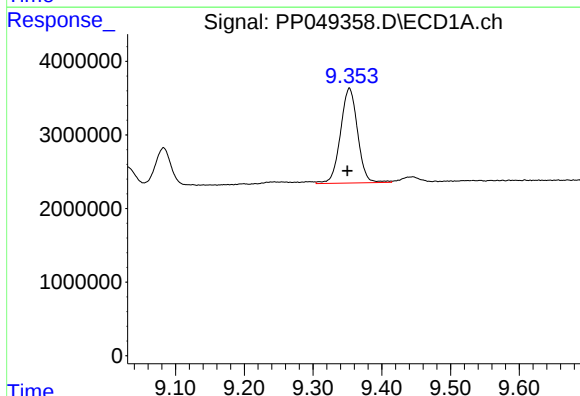
R.T.: 8.919 min
Delta R.T.: 0.003 min
Response: 19714602
Conc: 137.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



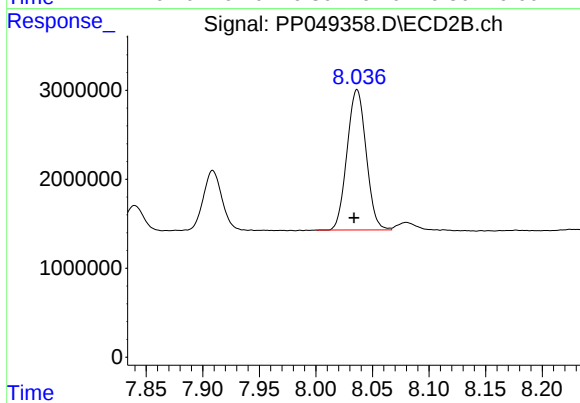
#43 AR-1268-3

R.T.: 7.750 min
Delta R.T.: 0.001 min
Response: 18601520
Conc: 122.13 ng/ml



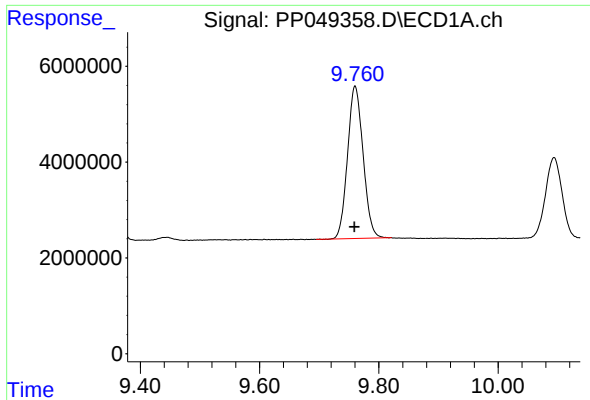
#44 AR-1268-4

R.T.: 9.353 min
Delta R.T.: 0.003 min
Response: 22261747
Conc: 347.51 ng/ml



#44 AR-1268-4

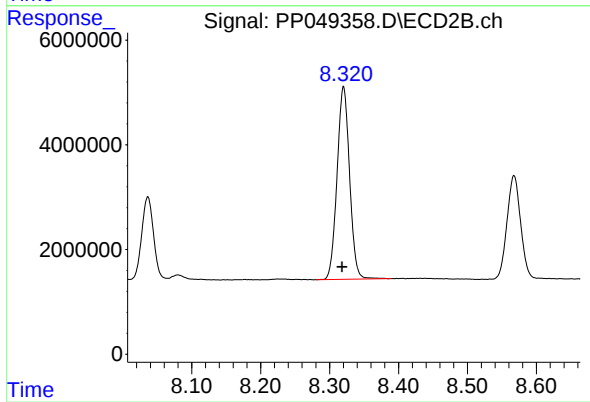
R.T.: 8.036 min
Delta R.T.: 0.003 min
Response: 18555560
Conc: 291.15 ng/ml



#45 AR-1268-5

R.T.: 9.760 min
Delta R.T.: 0.001 min
Response: 57498088
Conc: 124.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.320 min
Delta R.T.: 0.002 min
Response: 46487746
Conc: 116.51 ng/ml