

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110821\
 Data File : PP040763.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Nov 2021 11:41
 Operator : AJ\MA
 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: Nov 09 00:32:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 04 11:28:51 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.765	3.767	1114329	1263878	55.005	52.666
2)	SA Decachlor...	10.673	9.037	1061188	876788	49.827	50.208
Target Compounds							
3)	L1 AR-1016-1	6.080	5.017	402543	376940	573.322	539.275
4)	L1 AR-1016-2	6.105	5.035	609890	552732	571.831	537.300
5)	L1 AR-1016-3	6.169	5.227	370917	303589	572.406	535.462
6)	L1 AR-1016-4	6.277	5.280	302330	240241	562.548	528.955
7)	L1 AR-1016-5	6.590	5.507	295079	292694	543.731	523.383
8)	L2 AR-1221-1	5.007f	4.024	41017	46695	179.611	169.142
9)	L2 AR-1221-2	5.151f	4.123	10733	71501	71.108	339.873 #
10)	L2 AR-1221-3	5.200f	4.211	219818	266451	399.238	405.909
11)	L3 AR-1232-1	5.200f	4.211	219818	266451	482.591	493.702
12)	L3 AR-1232-2	5.785f	5.035	313144	552732	1336.701	1299.498
13)	L3 AR-1232-3	6.105f	5.227	609890	303589	1419.415	1324.229
14)	L3 AR-1232-4	6.277f	5.324	302330	284299	1442.646	1432.762
15)	L3 AR-1232-5	6.374f	5.507	233097	292694	1629.421	1381.117
16)	L4 AR-1242-1	6.080	5.017	402543	376940	754.870	699.113
17)	L4 AR-1242-2	6.105	5.035	609890	552732	754.322	696.748
18)	L4 AR-1242-3	6.169	5.227	370917	303589	748.033	696.131
19)	L4 AR-1242-4	6.277	5.324	302330	284299	739.118	687.506
20)	L4 AR-1242-5	7.058	5.886	38174	199585	83.463	433.330 #
21)	L5 AR-1248-1	6.080	5.017	402543	376940	1024.825	947.554
22)	L5 AR-1248-2	6.374	5.280	233097	240241	412.234	414.138
23)	L5 AR-1248-3	6.590	5.324	295079	284299	420.814	471.345
24)	L5 AR-1248-4	7.019	5.507	52728	292694	66.749	425.717 #
25)	L5 AR-1248-5	7.058	5.929	38174	32134	48.886	50.875
26)	L6 AR-1254-1	6.987	5.886	191970	199585	248.660	205.181
27)	L6 AR-1254-2	7.216	6.046	210123	175201	169.273	208.758
28)	L6 AR-1254-3	7.597	6.484f	131315	327926	97.538	259.656 #
29)	L6 AR-1254-4	7.892	6.705	90305	44914	92.554	60.364 #
30)	L6 AR-1254-5	8.319	7.135	668914	550118	616.547	512.276
31)	L7 AR-1260-1	7.763	6.603	480072	436291	494.378	502.810
32)	L7 AR-1260-2	8.030	6.802	597350	514129	515.971	510.945
33)	L7 AR-1260-3	8.394	6.955	457356	476262	517.966	504.573
34)	L7 AR-1260-4	8.624	7.438	513138	394694	485.654	502.704
35)	L7 AR-1260-5	8.939	7.688	998136	900434	478.042	506.846
36)	L8 AR-1262-1	8.394f	7.135	457356	550118	365.001	954.619 #
37)	L8 AR-1262-2	8.939f	7.688	998136	900434	439.239	505.696
38)	L8 AR-1262-3	0.000	7.974	0	237437	N.D.	306.232 #
39)	L8 AR-1262-4	9.307	8.037	516754	690390	881.255	492.598 #
40)	L8 AR-1262-5	9.961f	8.538	315385	279814	346.351	402.946
41)	L9 AR-1268-1	9.256f	7.974	686629	237437	251.881	110.738 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

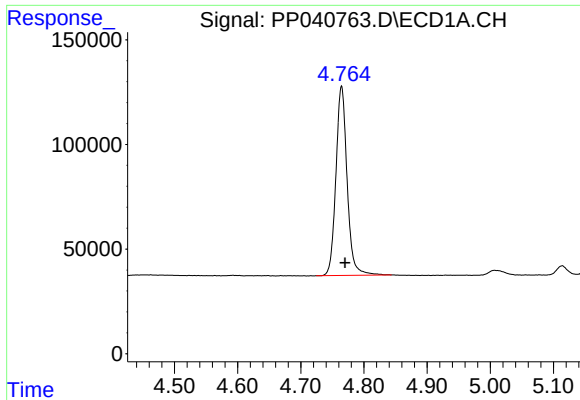
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:32:51 2021
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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	9.307f	8.037	516754	690390	197.387	346.363 #
43) L9	AR-1268-3	9.541	8.246	17078	11932	7.735	6.831
44) L9	AR-1268-4	9.961	8.538	315385	279814	310.390	364.566
45) L9	AR-1268-5	10.355	8.810	79722	81563	10.946	15.112 #

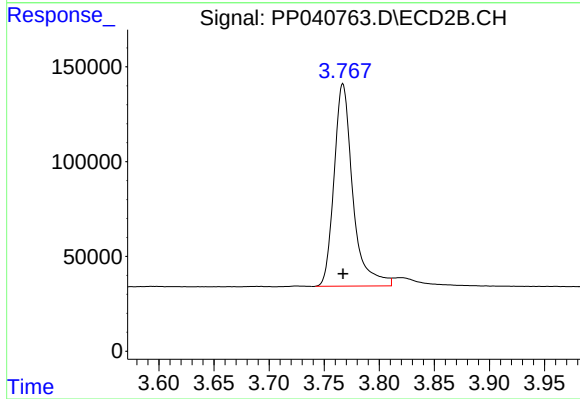
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

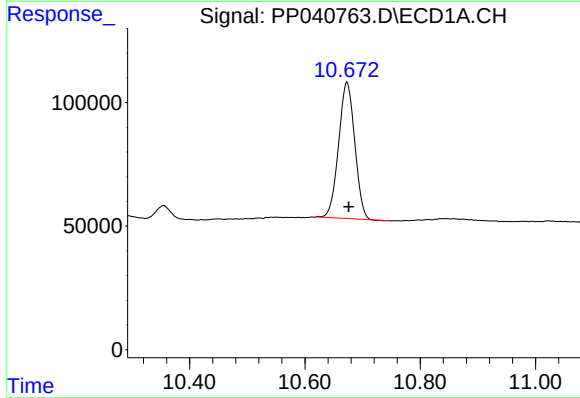
R.T.: 4.765 min
Delta R.T.: -0.005 min
Response: 1114329
Conc: 55.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



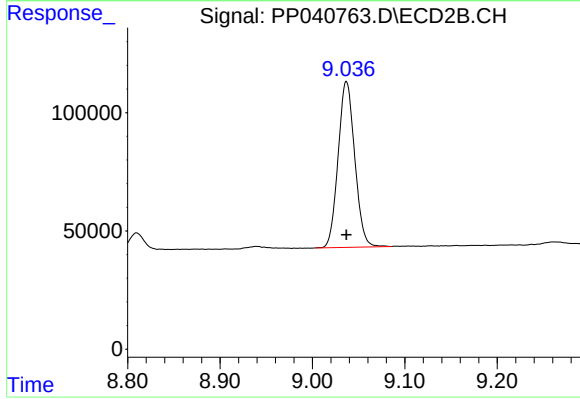
#1 Tetrachloro-m-xylene

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 1263878
Conc: 52.67 ng/ml



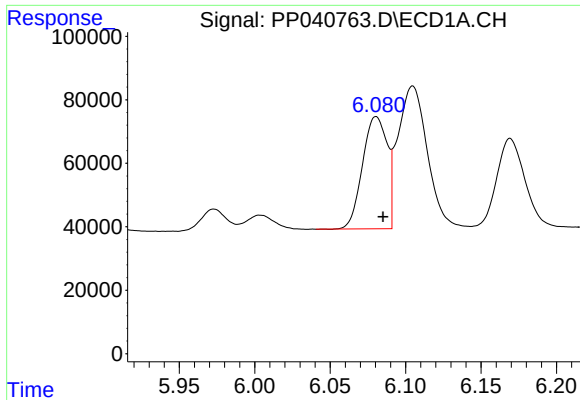
#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 1061188
Conc: 49.83 ng/ml



#2 Decachlorobiphenyl

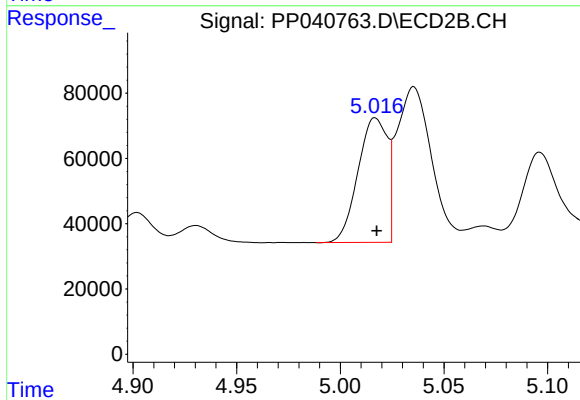
R.T.: 9.037 min
Delta R.T.: 0.000 min
Response: 876788
Conc: 50.21 ng/ml



#3 AR-1016-1

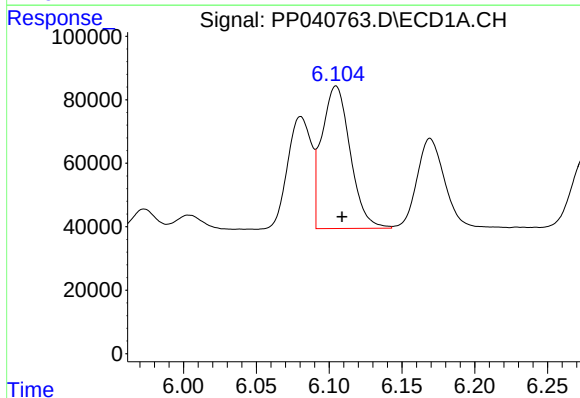
R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 402543
Conc: 573.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



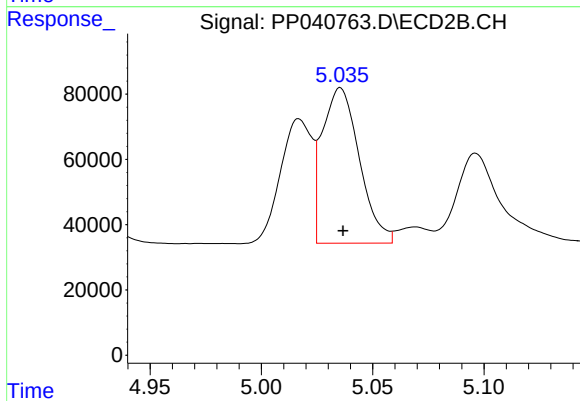
#3 AR-1016-1

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 376940
Conc: 539.28 ng/ml



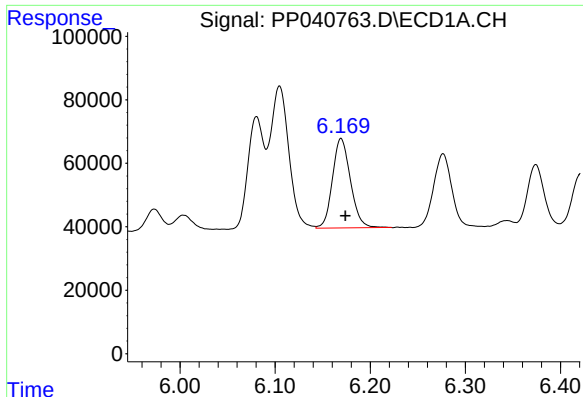
#4 AR-1016-2

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 609890
Conc: 571.83 ng/ml



#4 AR-1016-2

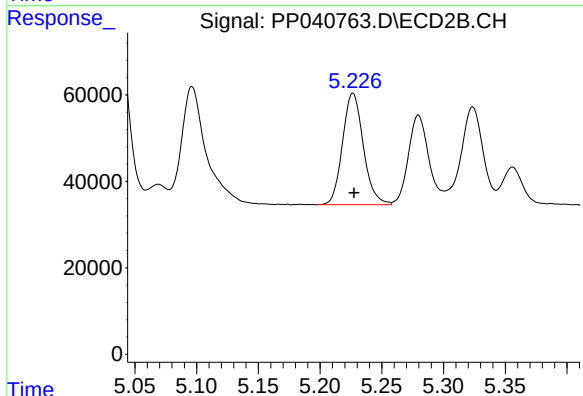
R.T.: 5.035 min
Delta R.T.: -0.001 min
Response: 552732
Conc: 537.30 ng/ml



#5 AR-1016-3

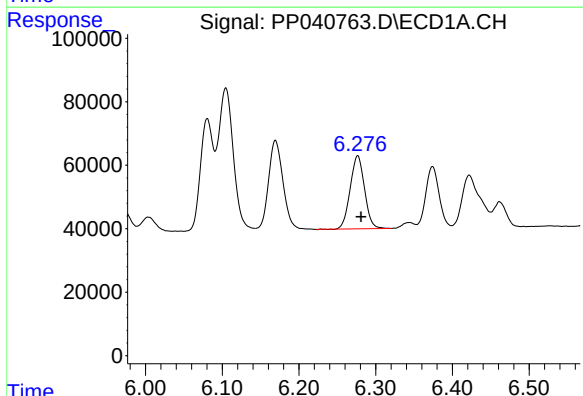
R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 370917
Conc: 572.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



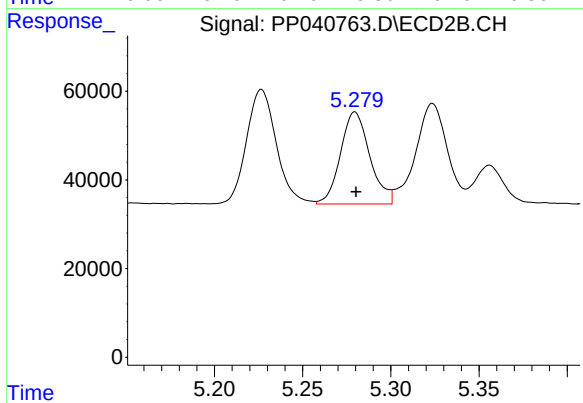
#5 AR-1016-3

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 303589
Conc: 535.46 ng/ml



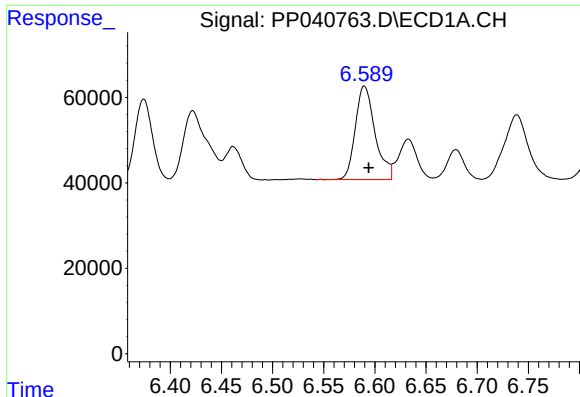
#6 AR-1016-4

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 302330
Conc: 562.55 ng/ml



#6 AR-1016-4

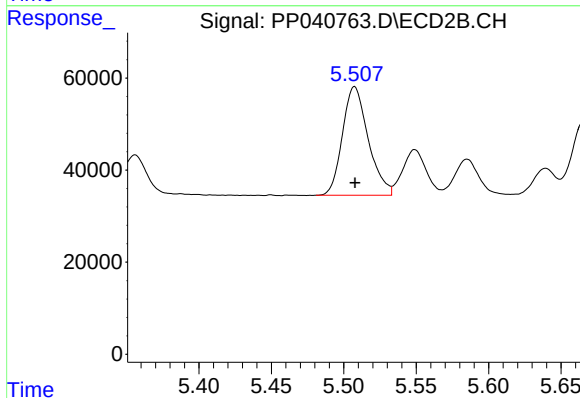
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 240241
Conc: 528.95 ng/ml



#7 AR-1016-5

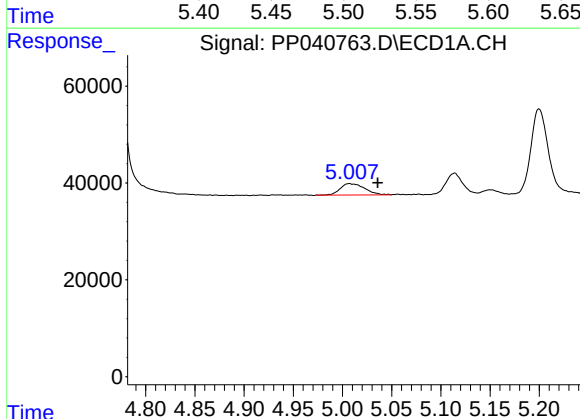
R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 295079
Conc: 543.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



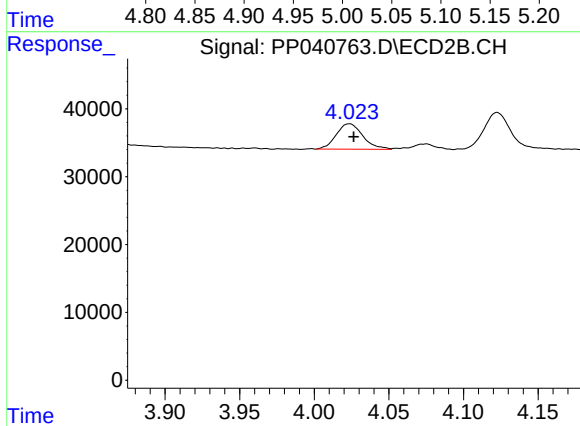
#7 AR-1016-5

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 292694
Conc: 523.38 ng/ml



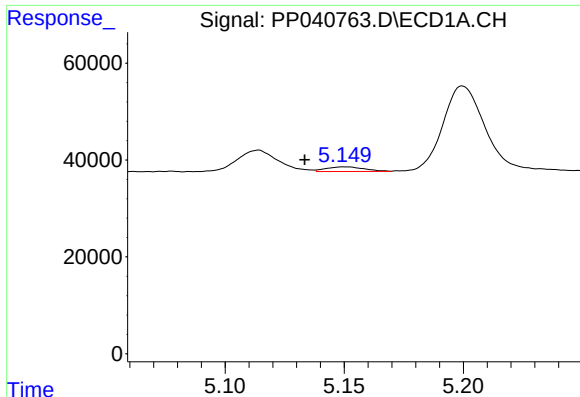
#8 AR-1221-1

R.T.: 5.007 min
Delta R.T.: -0.029 min
Response: 41017
Conc: 179.61 ng/ml



#8 AR-1221-1

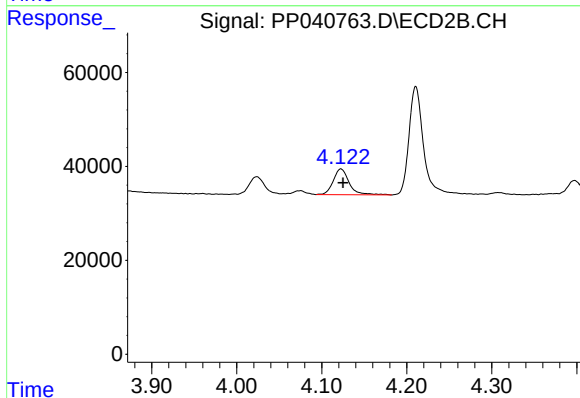
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 46695
Conc: 169.14 ng/ml



#9 AR-1221-2

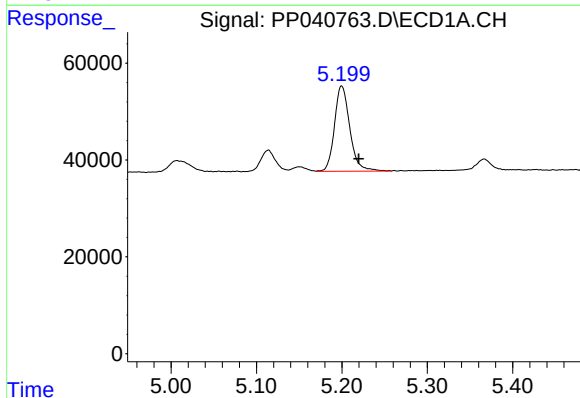
R.T.: 5.151 min
Delta R.T.: 0.017 min
Response: 10733
Conc: 71.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



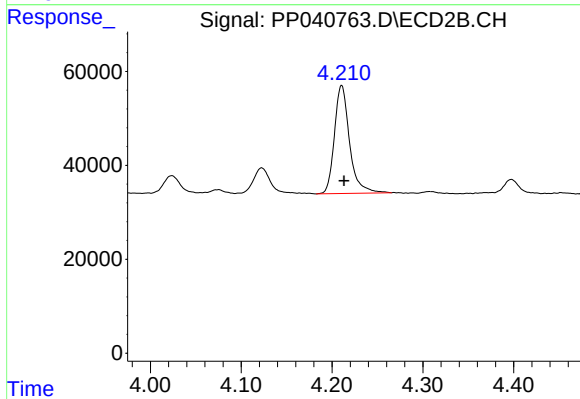
#9 AR-1221-2

R.T.: 4.123 min
Delta R.T.: -0.003 min
Response: 71501
Conc: 339.87 ng/ml



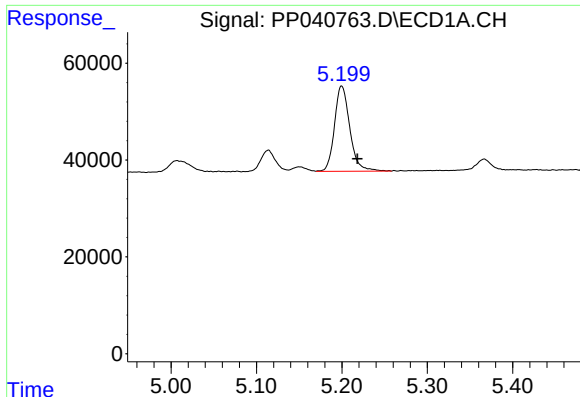
#10 AR-1221-3

R.T.: 5.200 min
Delta R.T.: -0.020 min
Response: 219818
Conc: 399.24 ng/ml



#10 AR-1221-3

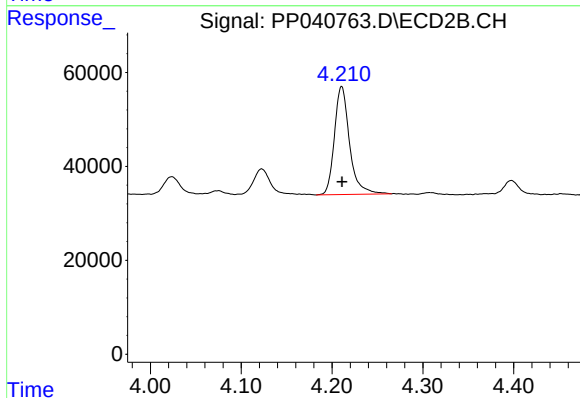
R.T.: 4.211 min
Delta R.T.: -0.002 min
Response: 266451
Conc: 405.91 ng/ml



#11 AR-1232-1

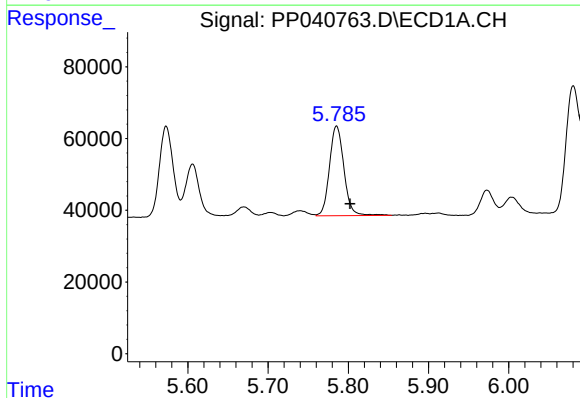
R.T.: 5.200 min
Delta R.T.: -0.019 min
Response: 219818
Conc: 482.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



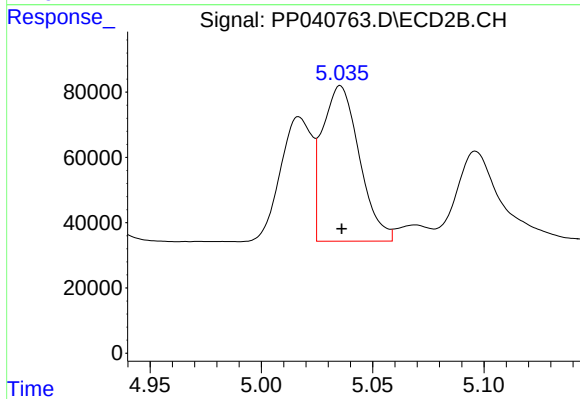
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 266451
Conc: 493.70 ng/ml



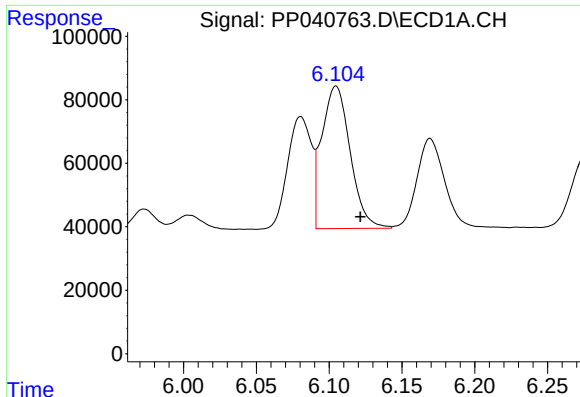
#12 AR-1232-2

R.T.: 5.785 min
Delta R.T.: -0.017 min
Response: 313144
Conc: 1336.70 ng/ml



#12 AR-1232-2

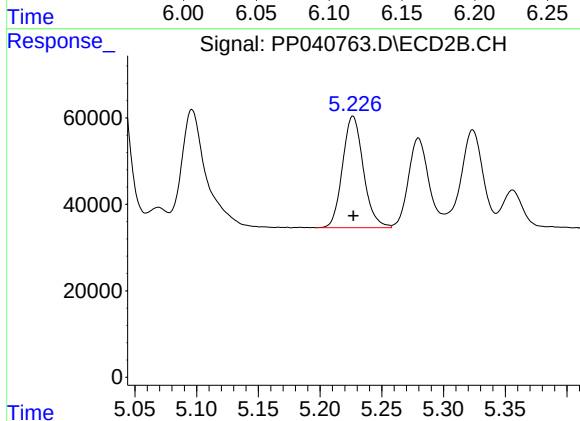
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 552732
Conc: 1299.50 ng/ml



#13 AR-1232-3

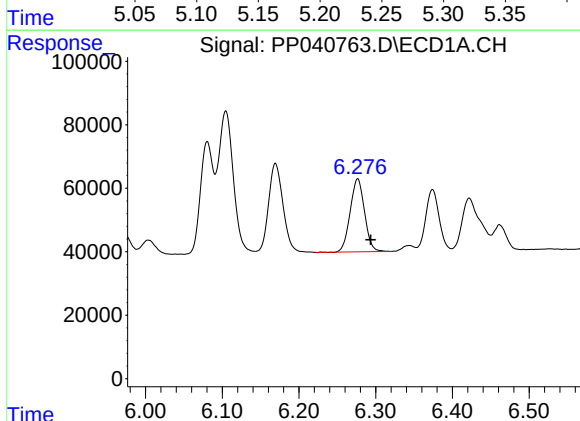
R.T.: 6.105 min
Delta R.T.: -0.017 min
Response: 609890
Conc: 1419.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



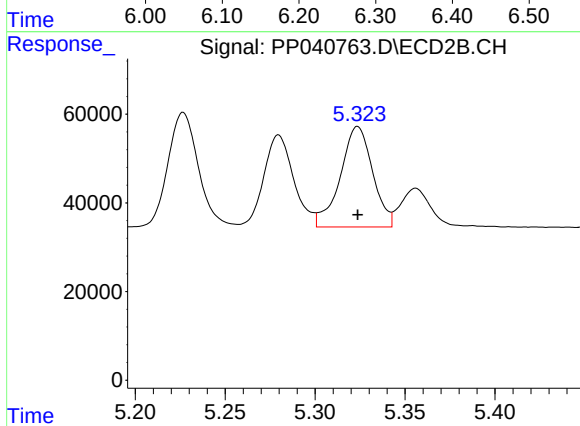
#13 AR-1232-3

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 303589
Conc: 1324.23 ng/ml



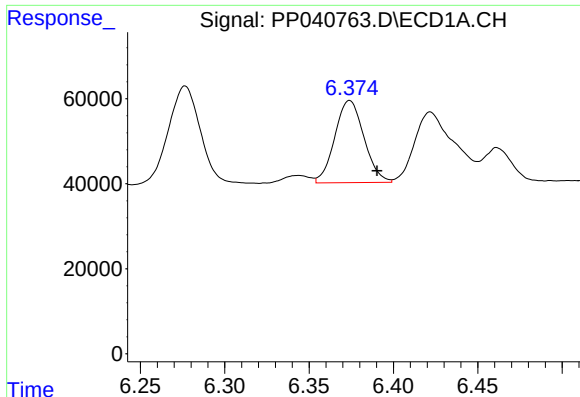
#14 AR-1232-4

R.T.: 6.277 min
Delta R.T.: -0.017 min
Response: 302330
Conc: 1442.65 ng/ml



#14 AR-1232-4

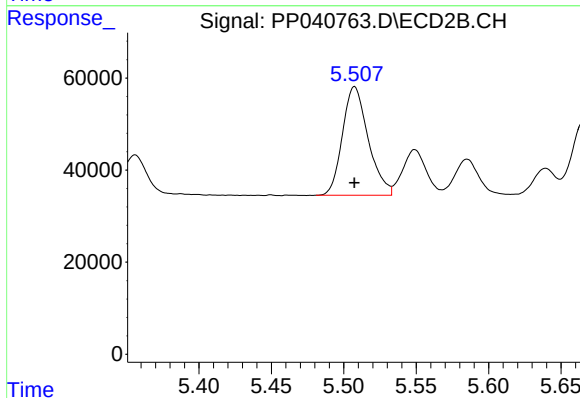
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 284299
Conc: 1432.76 ng/ml



#15 AR-1232-5

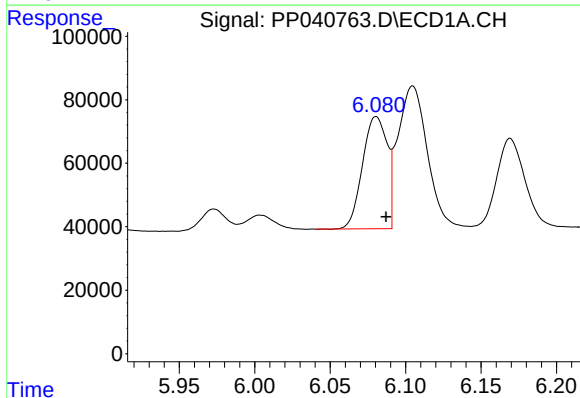
R.T.: 6.374 min
Delta R.T.: -0.016 min
Response: 233097
Conc: 1629.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



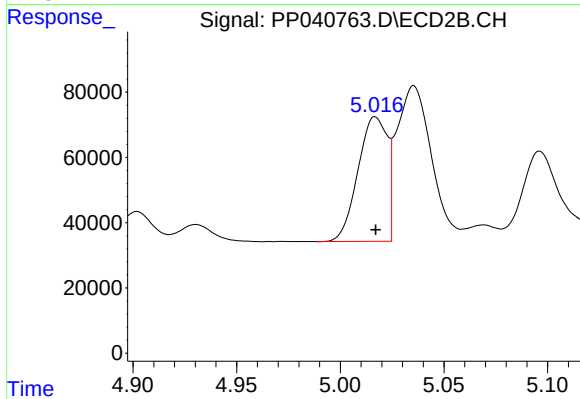
#15 AR-1232-5

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 292694
Conc: 1381.12 ng/ml



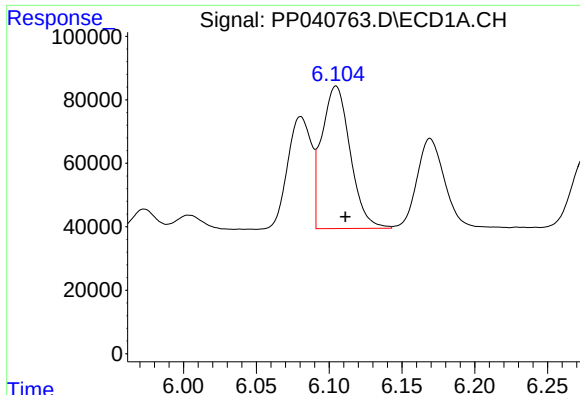
#16 AR-1242-1

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 402543
Conc: 754.87 ng/ml



#16 AR-1242-1

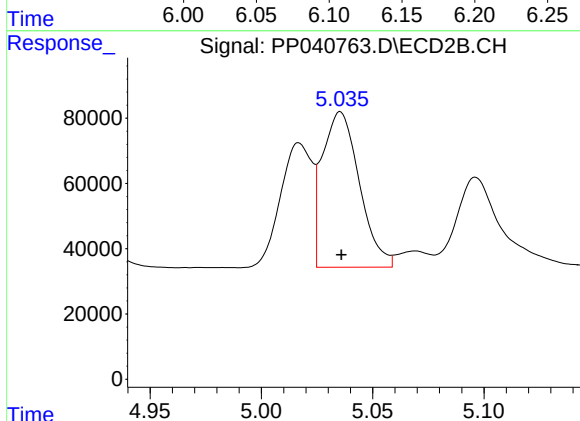
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 376940
Conc: 699.11 ng/ml



#17 AR-1242-2

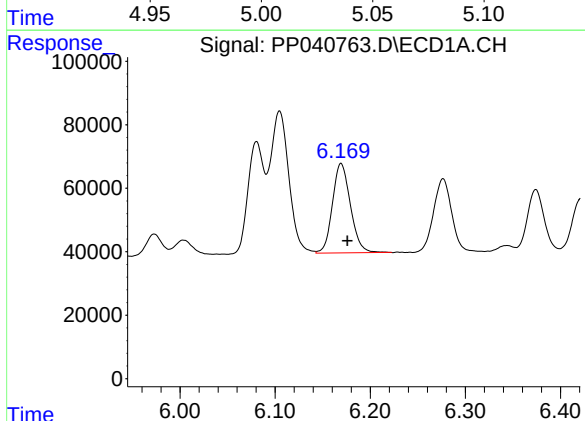
R.T.: 6.105 min
Delta R.T.: -0.006 min
Response: 609890
Conc: 754.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



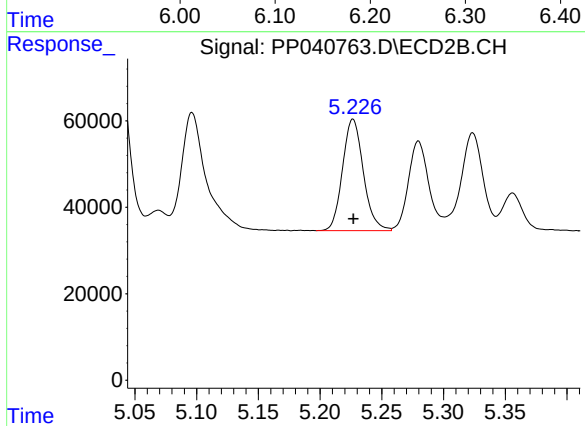
#17 AR-1242-2

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 552732
Conc: 696.75 ng/ml



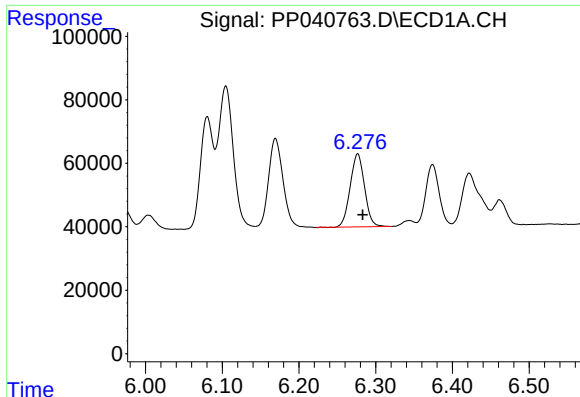
#18 AR-1242-3

R.T.: 6.169 min
Delta R.T.: -0.007 min
Response: 370917
Conc: 748.03 ng/ml



#18 AR-1242-3

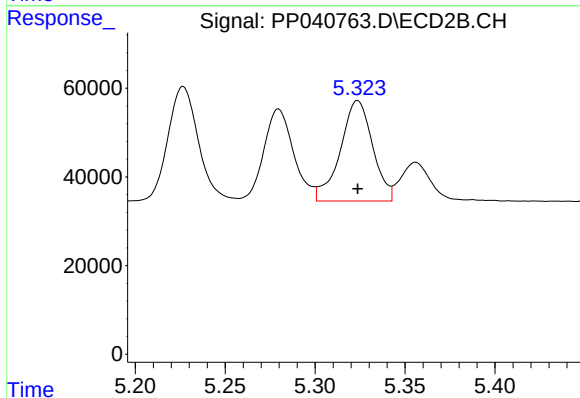
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 303589
Conc: 696.13 ng/ml



#19 AR-1242-4

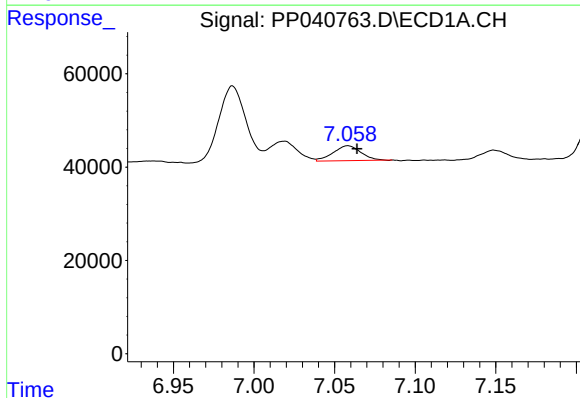
R.T.: 6.277 min
Delta R.T.: -0.006 min
Response: 302330
Conc: 739.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



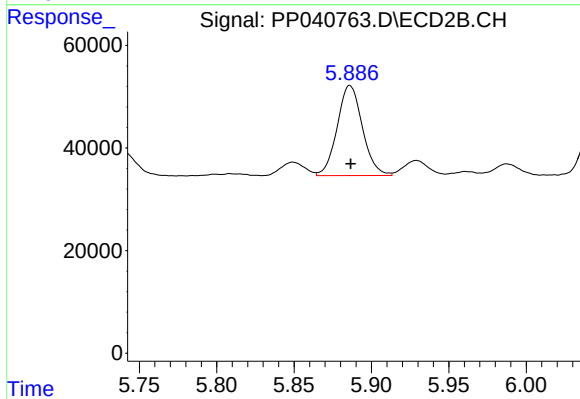
#19 AR-1242-4

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 284299
Conc: 687.51 ng/ml



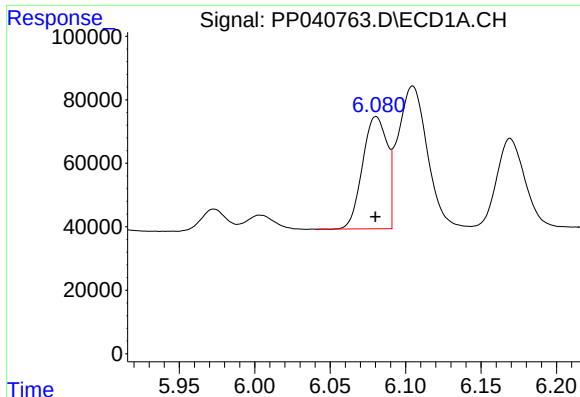
#20 AR-1242-5

R.T.: 7.058 min
Delta R.T.: -0.006 min
Response: 38174
Conc: 83.46 ng/ml



#20 AR-1242-5

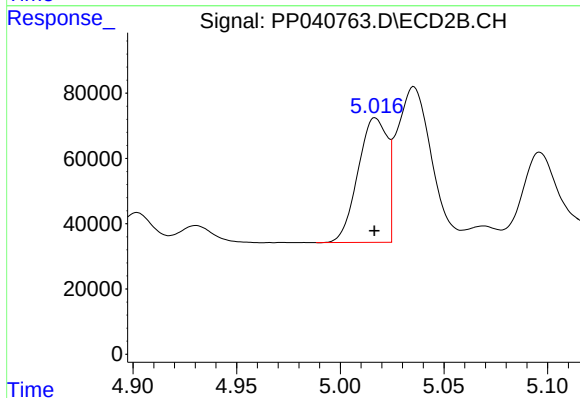
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 199585
Conc: 433.33 ng/ml



#21 AR-1248-1

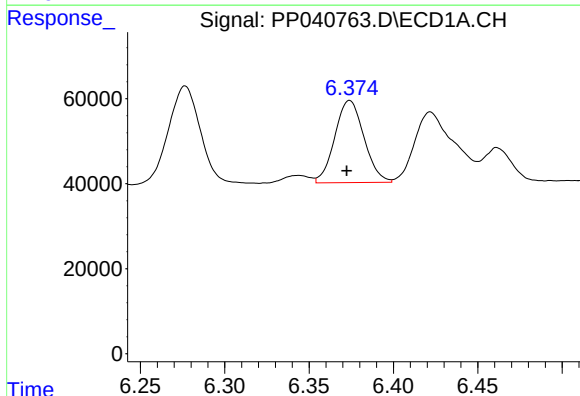
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 402543
Conc: 1024.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



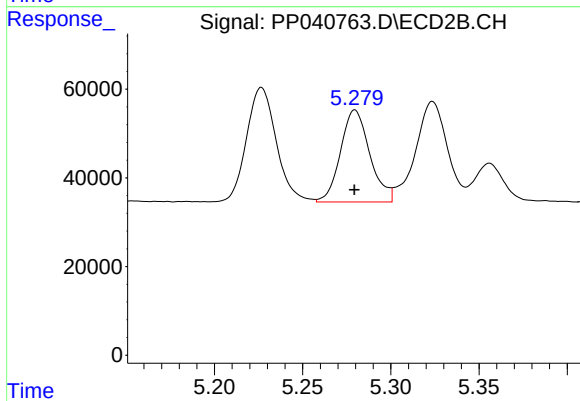
#21 AR-1248-1

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 376940
Conc: 947.55 ng/ml



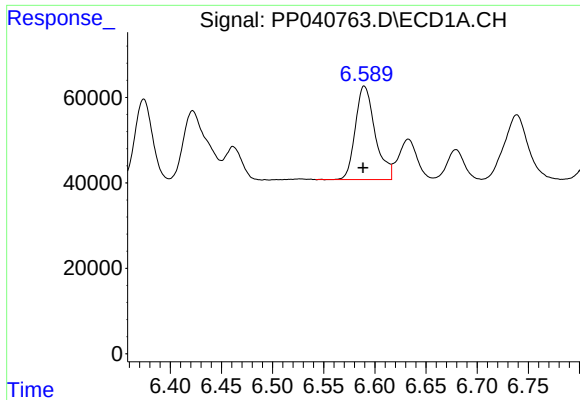
#22 AR-1248-2

R.T.: 6.374 min
Delta R.T.: 0.002 min
Response: 233097
Conc: 412.23 ng/ml



#22 AR-1248-2

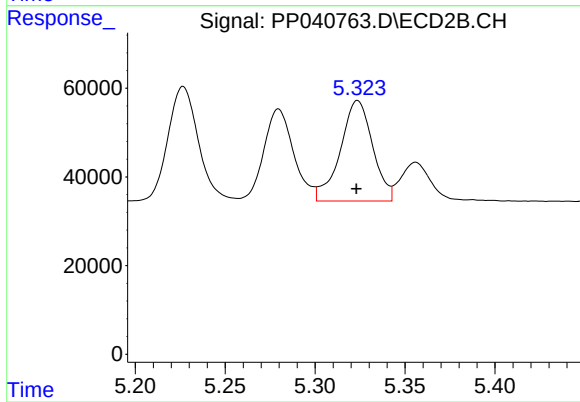
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 240241
Conc: 414.14 ng/ml



#23 AR-1248-3

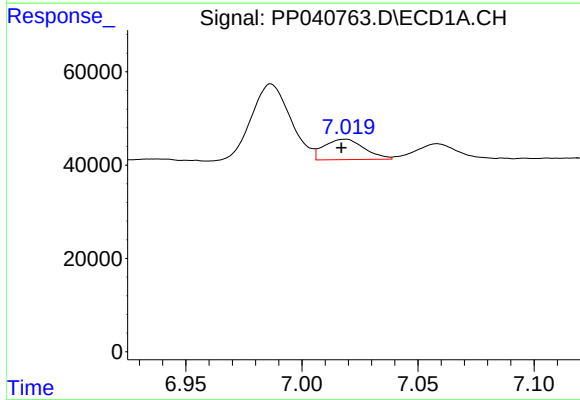
R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 295079
Conc: 420.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



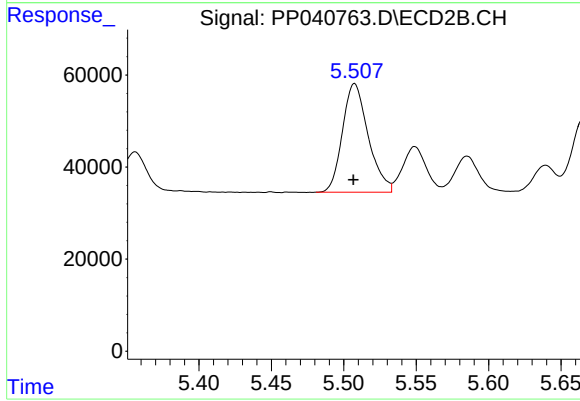
#23 AR-1248-3

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 284299
Conc: 471.35 ng/ml



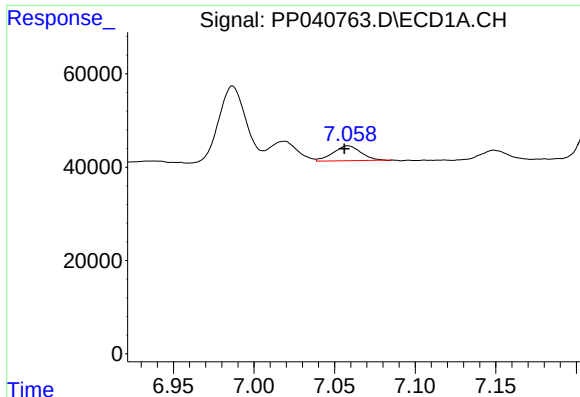
#24 AR-1248-4

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 52728
Conc: 66.75 ng/ml



#24 AR-1248-4

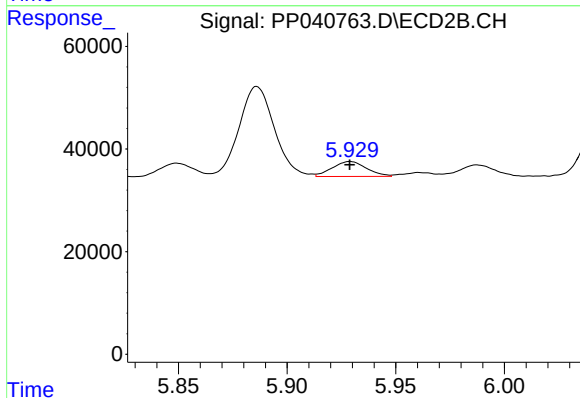
R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 292694
Conc: 425.72 ng/ml



#25 AR-1248-5

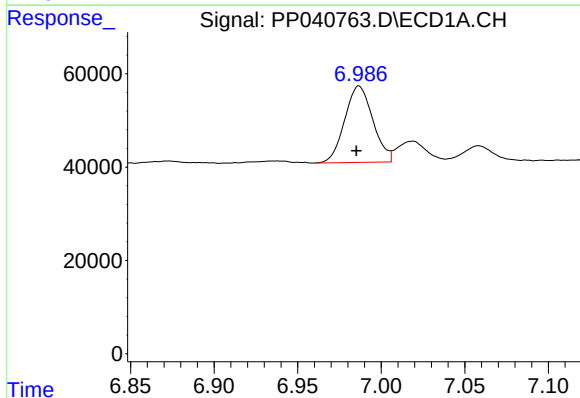
R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 38174
Conc: 48.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



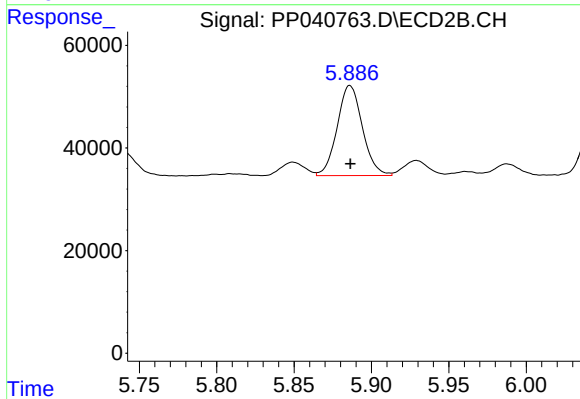
#25 AR-1248-5

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 32134
Conc: 50.88 ng/ml



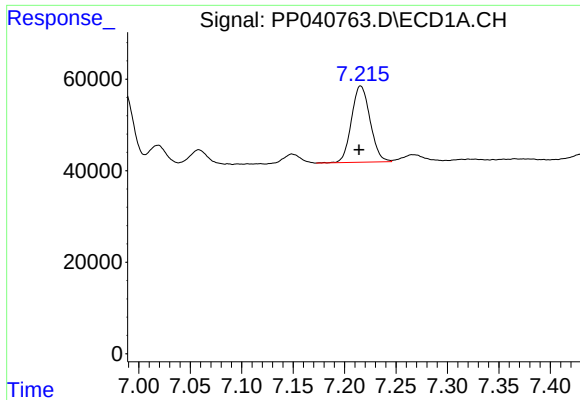
#26 AR-1254-1

R.T.: 6.987 min
Delta R.T.: 0.002 min
Response: 191970
Conc: 248.66 ng/ml



#26 AR-1254-1

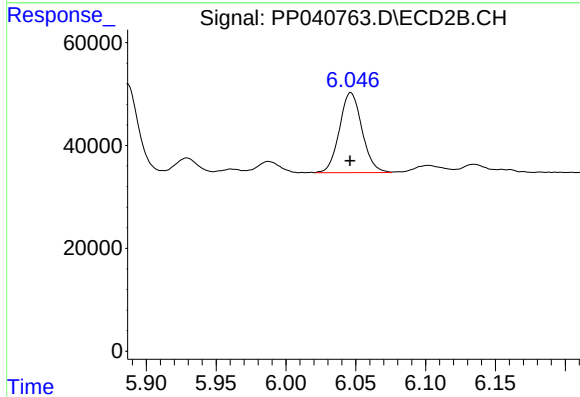
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 199585
Conc: 205.18 ng/ml



#27 AR-1254-2

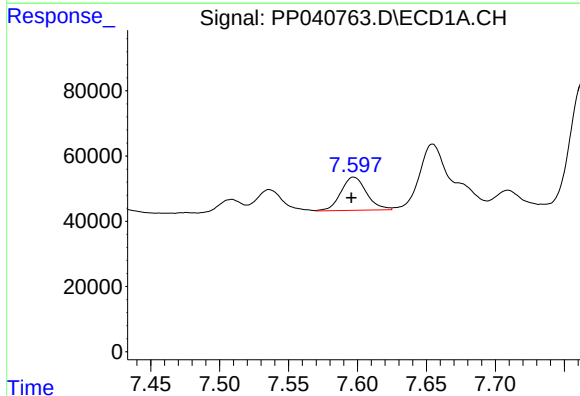
R.T.: 7.216 min
Delta R.T.: 0.002 min
Response: 210123
Conc: 169.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



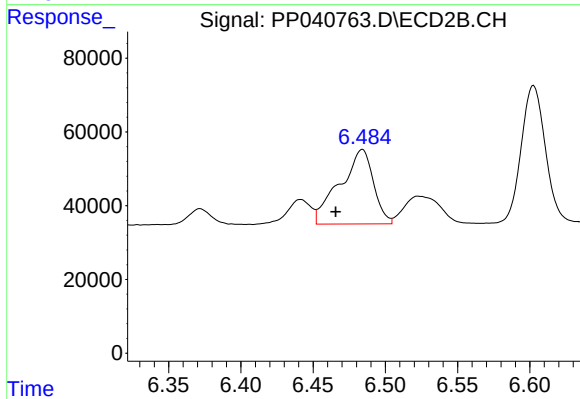
#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 175201
Conc: 208.76 ng/ml



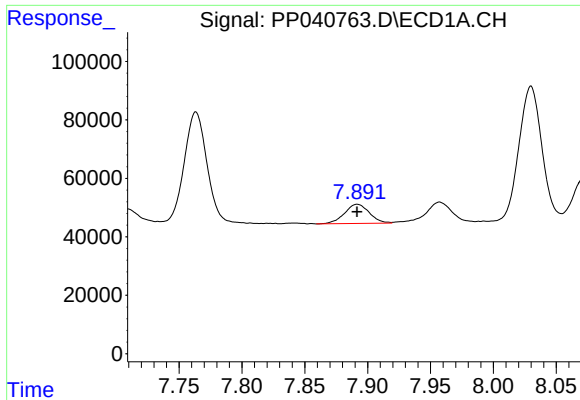
#28 AR-1254-3

R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 131315
Conc: 97.54 ng/ml



#28 AR-1254-3

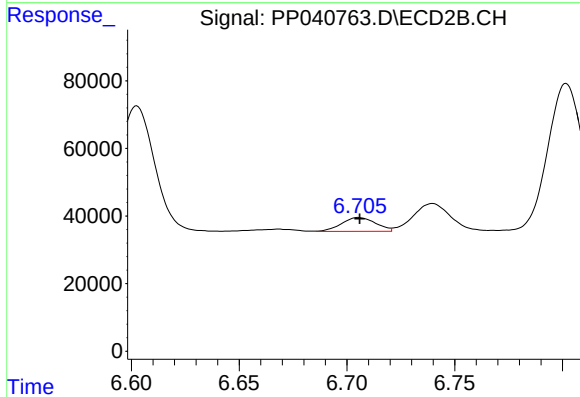
R.T.: 6.484 min
Delta R.T.: 0.018 min
Response: 327926
Conc: 259.66 ng/ml



#29 AR-1254-4

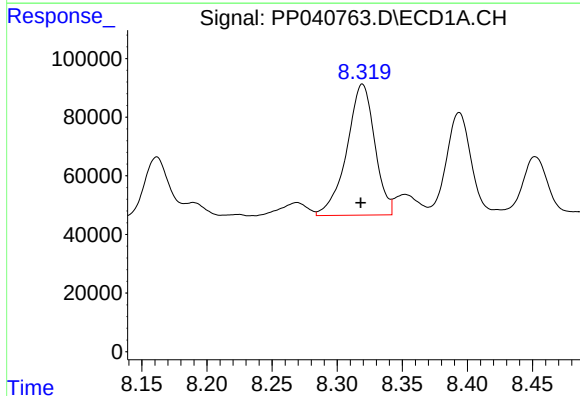
R.T.: 7.892 min
Delta R.T.: 0.000 min
Response: 90305
Conc: 92.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



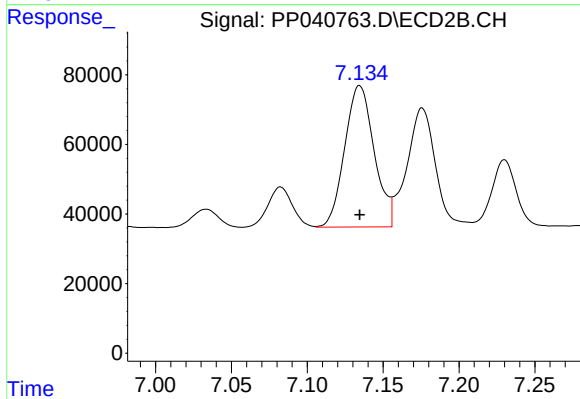
#29 AR-1254-4

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 44914
Conc: 60.36 ng/ml



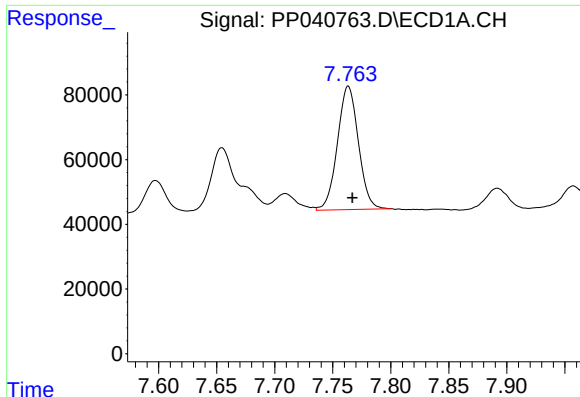
#30 AR-1254-5

R.T.: 8.319 min
Delta R.T.: 0.001 min
Response: 668914
Conc: 616.55 ng/ml



#30 AR-1254-5

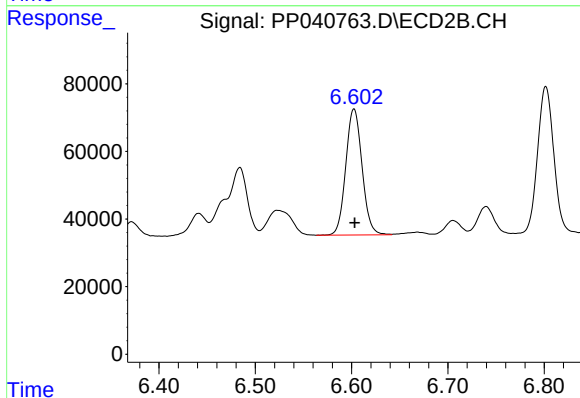
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 550118
Conc: 512.28 ng/ml



#31 AR-1260-1

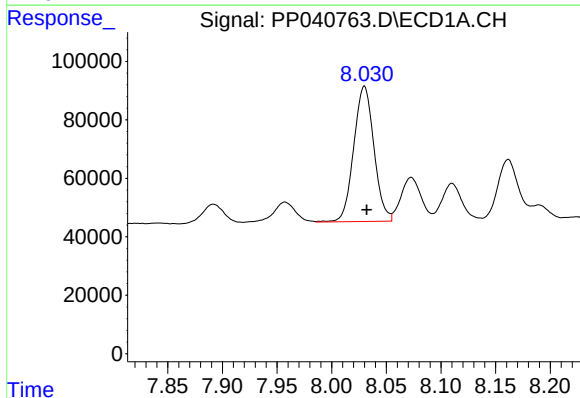
R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 480072
Conc: 494.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



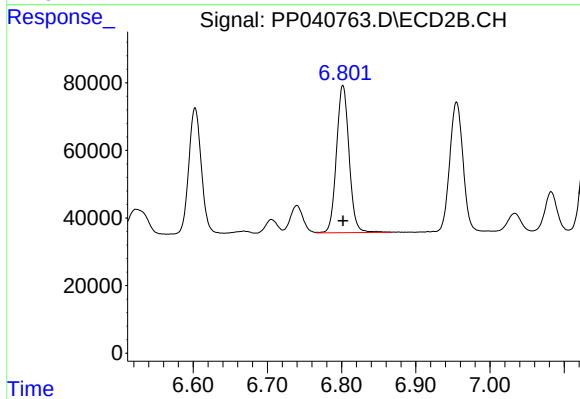
#31 AR-1260-1

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 436291
Conc: 502.81 ng/ml



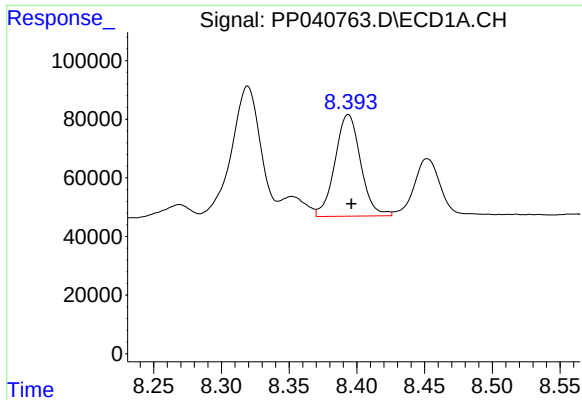
#32 AR-1260-2

R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 597350
Conc: 515.97 ng/ml



#32 AR-1260-2

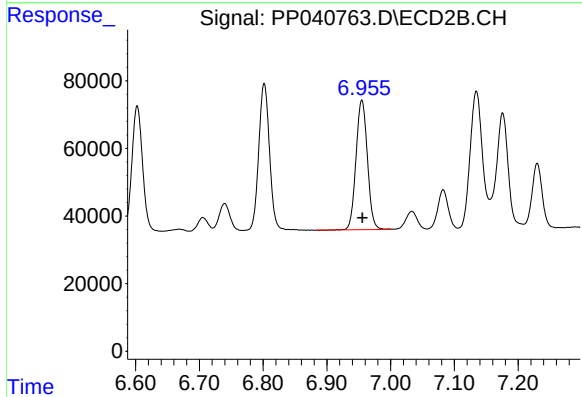
R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 514129
Conc: 510.94 ng/ml



#33 AR-1260-3

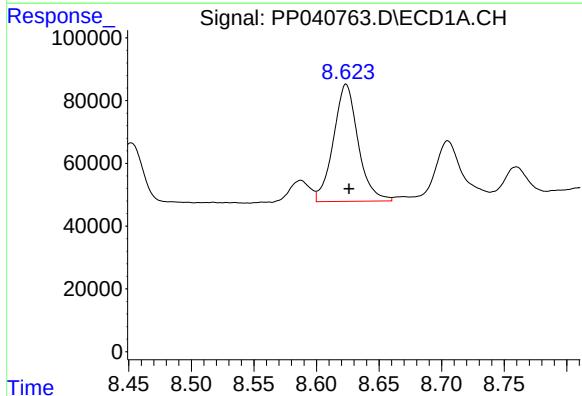
R.T.: 8.394 min
Delta R.T.: -0.002 min
Response: 457356
Conc: 517.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



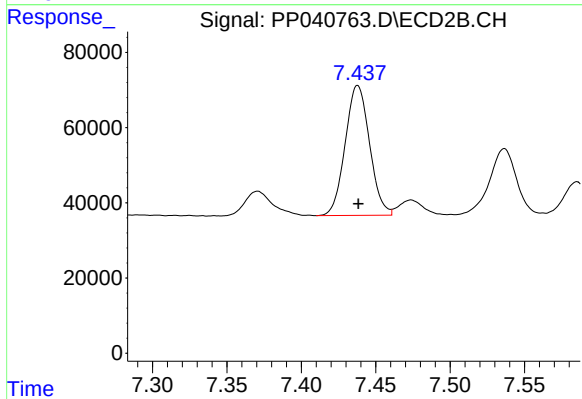
#33 AR-1260-3

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 476262
Conc: 504.57 ng/ml



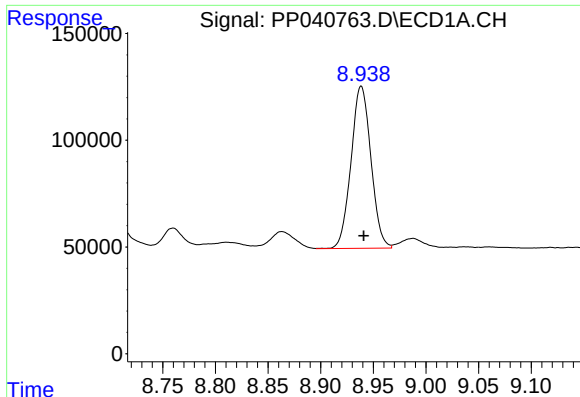
#34 AR-1260-4

R.T.: 8.624 min
Delta R.T.: -0.002 min
Response: 513138
Conc: 485.65 ng/ml



#34 AR-1260-4

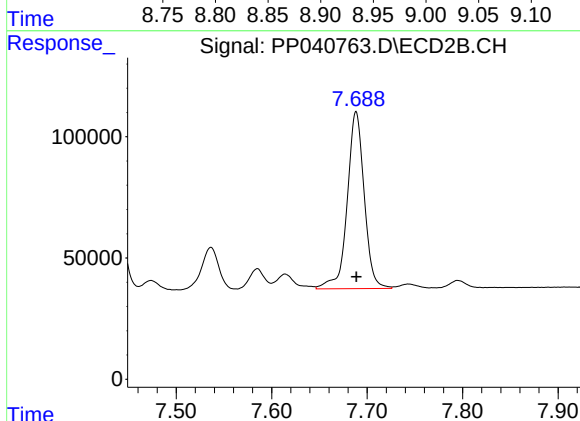
R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 394694
Conc: 502.70 ng/ml



#35 AR-1260-5

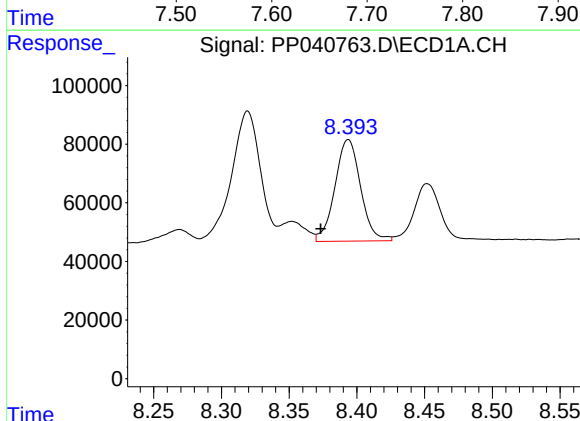
R.T.: 8.939 min
Delta R.T.: -0.002 min
Response: 998136
Conc: 478.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



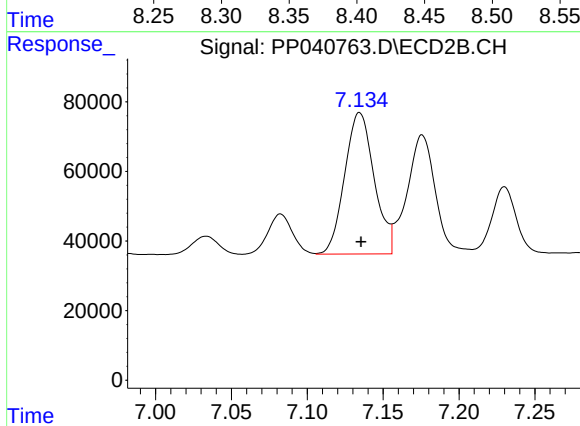
#35 AR-1260-5

R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 900434
Conc: 506.85 ng/ml



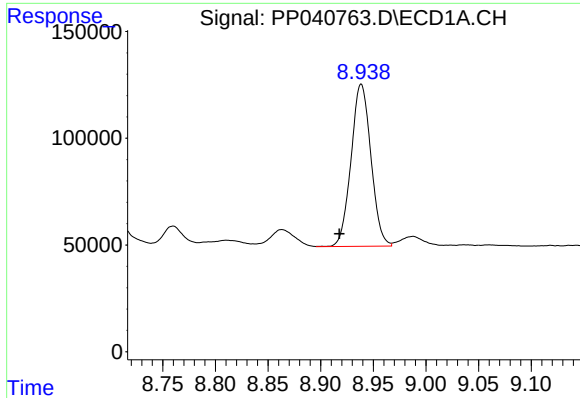
#36 AR-1262-1

R.T.: 8.394 min
Delta R.T.: 0.020 min
Response: 457356
Conc: 365.00 ng/ml



#36 AR-1262-1

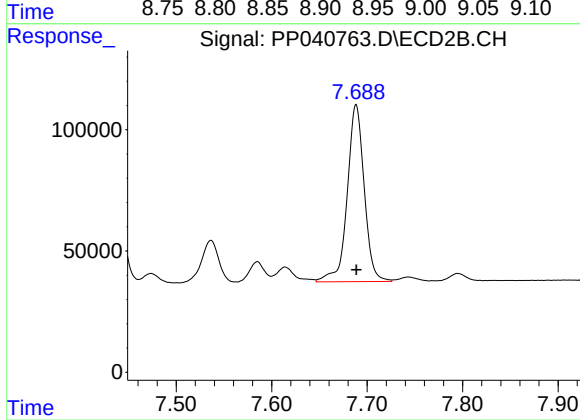
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 550118
Conc: 954.62 ng/ml



#37 AR-1262-2

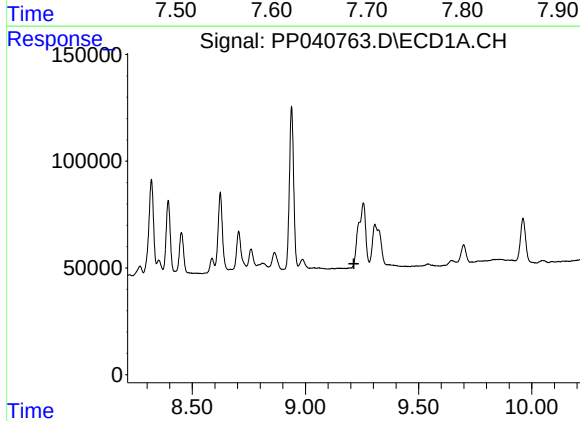
R.T.: 8.939 min
Delta R.T.: 0.021 min
Response: 998136
Conc: 439.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



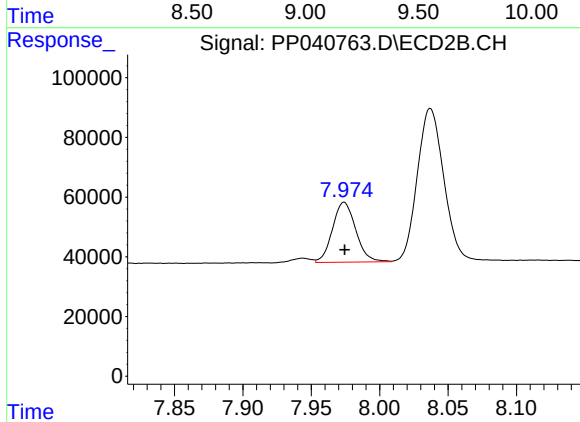
#37 AR-1262-2

R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 900434
Conc: 505.70 ng/ml



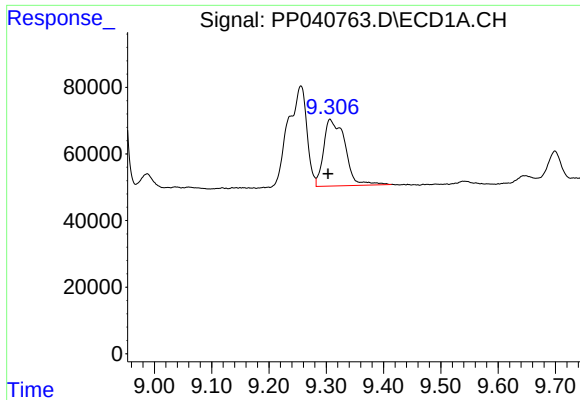
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.214 min
Response: 0
Conc: N.D.



#38 AR-1262-3

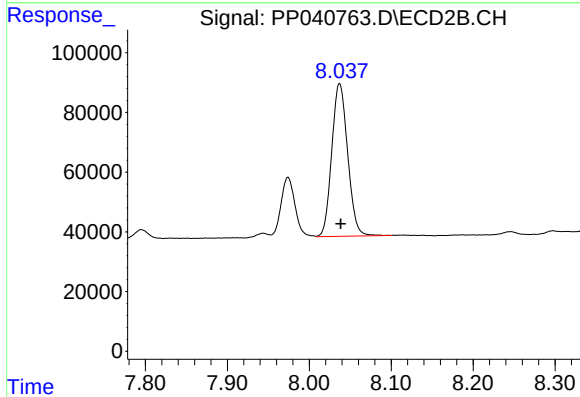
R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 237437
Conc: 306.23 ng/ml



#39 AR-1262-4

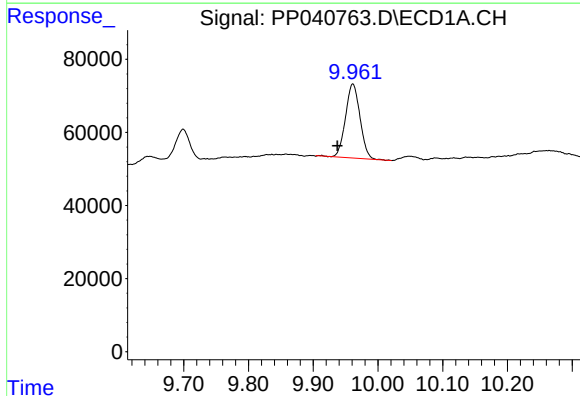
R.T.: 9.307 min
Delta R.T.: 0.003 min
Response: 516754
Conc: 881.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



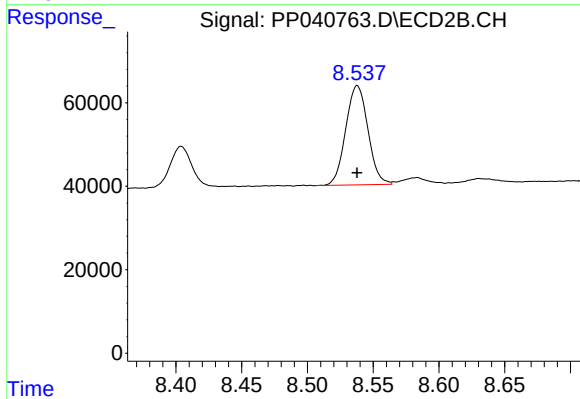
#39 AR-1262-4

R.T.: 8.037 min
Delta R.T.: -0.001 min
Response: 690390
Conc: 492.60 ng/ml



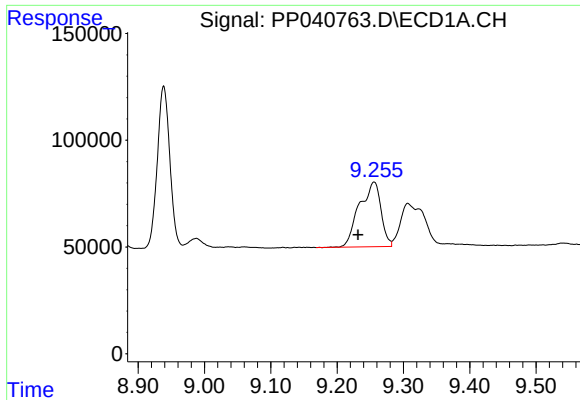
#40 AR-1262-5

R.T.: 9.961 min
Delta R.T.: 0.024 min
Response: 315385
Conc: 346.35 ng/ml



#40 AR-1262-5

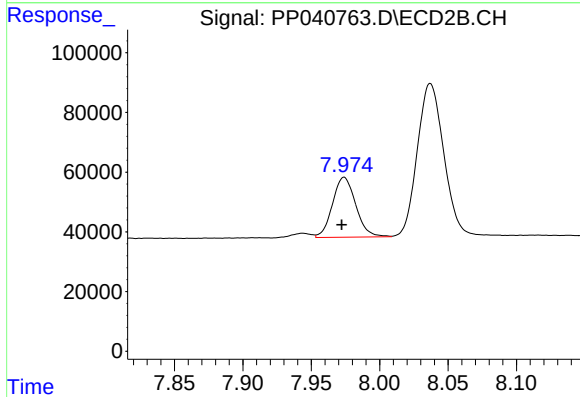
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 279814
Conc: 402.95 ng/ml



#41 AR-1268-1

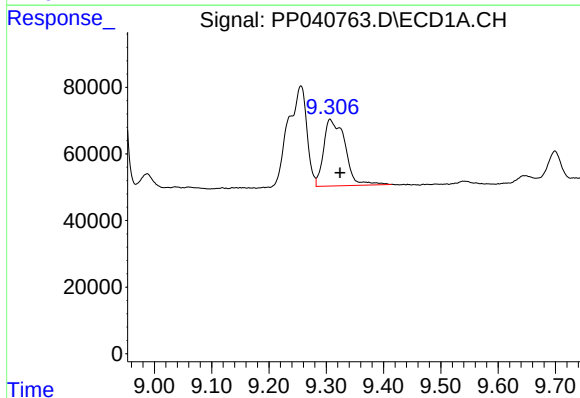
R.T.: 9.256 min
Delta R.T.: 0.024 min
Response: 686629
Conc: 251.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



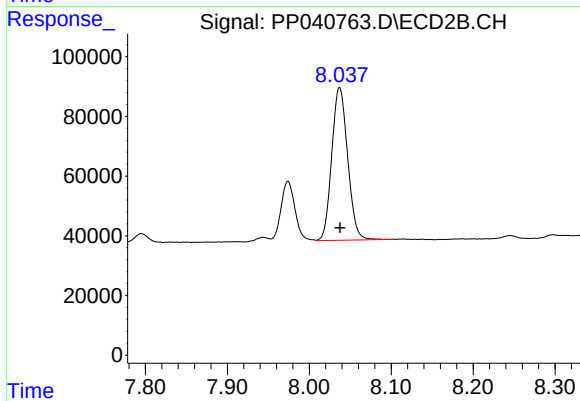
#41 AR-1268-1

R.T.: 7.974 min
Delta R.T.: 0.002 min
Response: 237437
Conc: 110.74 ng/ml



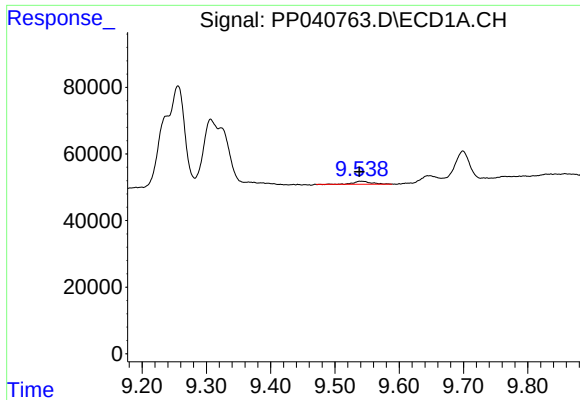
#42 AR-1268-2

R.T.: 9.307 min
Delta R.T.: -0.018 min
Response: 516754
Conc: 197.39 ng/ml



#42 AR-1268-2

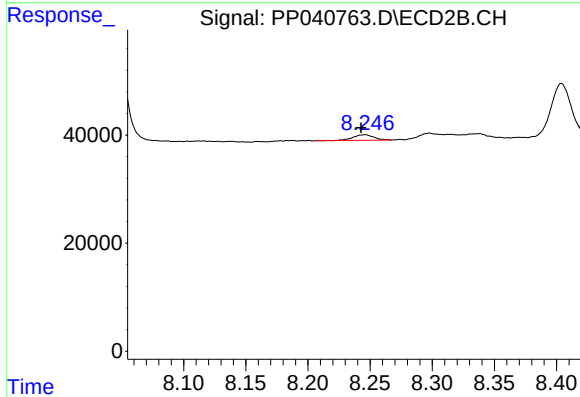
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 690390
Conc: 346.36 ng/ml



#43 AR-1268-3

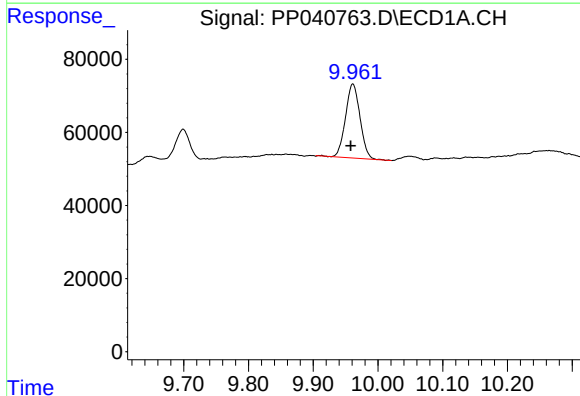
R.T.: 9.541 min
Delta R.T.: 0.003 min
Response: 17078
Conc: 7.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



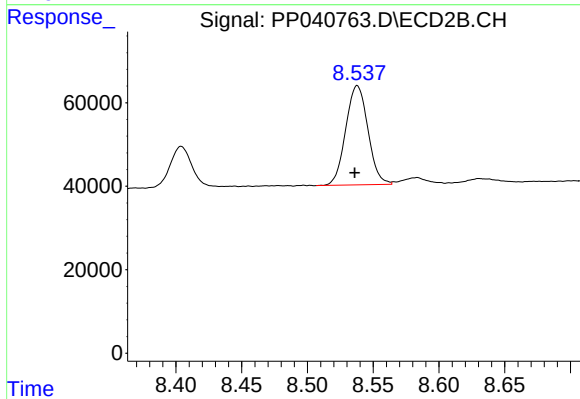
#43 AR-1268-3

R.T.: 8.246 min
Delta R.T.: 0.003 min
Response: 11932
Conc: 6.83 ng/ml



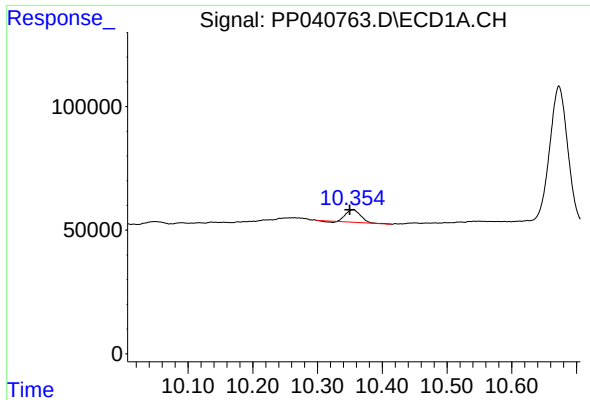
#44 AR-1268-4

R.T.: 9.961 min
Delta R.T.: 0.003 min
Response: 315385
Conc: 310.39 ng/ml



#44 AR-1268-4

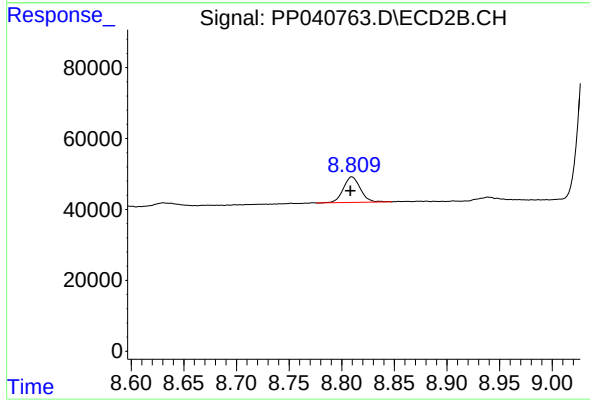
R.T.: 8.538 min
Delta R.T.: 0.002 min
Response: 279814
Conc: 364.57 ng/ml



#45 AR-1268-5

R.T.: 10.355 min
Delta R.T.: 0.005 min
Response: 79722
Conc: 10.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.810 min
Delta R.T.: 0.001 min
Response: 81563
Conc: 15.11 ng/ml