

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102721\
 Data File : PP040472.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Oct 2021 00:51
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 01:47:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 27 13:26:47 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...	4.752	3.773	2325383	1302735	57.092	47.820
2)	SA Decachlor...	10.686	9.062	1594632	1290143	52.635	45.985
Target Compounds							
3)	L1 AR-1016-1	6.073	5.025	20721	11825	16.175	11.982 #
4)	L1 AR-1016-2	6.102	5.044	26082	8947	13.039	6.144 #
5)	L1 AR-1016-3	0.000	5.236	0	7717	N.D.	9.634 #
6)	L1 AR-1016-4	6.268	5.289	13898	282358	14.058	425.347 #
7)	L1 AR-1016-5	6.585	5.517	294513	155314	303.758	210.785 #
8)	L2 AR-1221-1	4.992	0.000	6504	0	13.420	N.D. #
9)	L2 AR-1221-2	5.103	4.123	30126	17127	88.754	65.671 #
10)	L2 AR-1221-3	0.000	4.217	0	27466	N.D.	32.296 #
11)	L3 AR-1232-1	0.000	4.217	0	27466	N.D.	38.892 #
12)	L3 AR-1232-2	5.776	5.044	4840	8947	10.924	14.960 #
13)	L3 AR-1232-3	6.102	5.236	26082	7717	31.658	24.839
14)	L3 AR-1232-4	6.268	5.332	13898	84850	35.299	331.132 #
15)	L3 AR-1232-5	6.368	5.517	476095	155314	1790.199	577.465 #
16)	L4 AR-1242-1	6.073	5.025	20721	11825	21.413	16.289
17)	L4 AR-1242-2	6.102	5.044	26082	8947	17.360	8.433 #
18)	L4 AR-1242-3	0.000	5.236	0	7717	N.D.	13.270 #
19)	L4 AR-1242-4	6.268	5.332	13898	84850	18.427	165.405 #
20)	L4 AR-1242-5	7.056	5.898	278503	684927	351.743	1009.233 #
21)	L5 AR-1248-1	6.073	5.025	20721	11825	27.739	22.600
22)	L5 AR-1248-2	6.368	5.289	476095	282358	459.898	354.287
23)	L5 AR-1248-3	6.585	5.332	294513	84850	228.914	114.240 #
24)	L5 AR-1248-4	7.015	5.517	431657	155314	293.704	185.863 #
25)	L5 AR-1248-5	7.056	5.941	278503	92508	194.745	94.100 #
26)	L6 AR-1254-1	6.984	5.898	774873	684927	536.155	485.174
27)	L6 AR-1254-2	7.215	6.059	1236858	604222	549.456	486.208
28)	L6 AR-1254-3	7.596	6.480	1335971	932969	554.357	490.252
29)	L6 AR-1254-4	7.894	6.721	947650	586336	558.801	507.038
30)	L6 AR-1254-5	8.323	7.151	1019258	862442	560.299	498.646
31)	L7 AR-1260-1	7.764	6.618	556651	482209	356.699	337.309
32)	L7 AR-1260-2	8.031	6.816	572980	401090	310.906	239.612
33)	L7 AR-1260-3	8.383f	6.969	144929	399719	104.502	252.769 #
34)	L7 AR-1260-4	8.619	7.455	404744	43496	256.343	32.180 #
35)	L7 AR-1260-5	8.944	7.706	135557	101852	45.991	33.923 #
36)	L8 AR-1262-1	8.383	7.220f	144929	73400	68.572	42.347 #
37)	L8 AR-1262-2	8.944	7.706	135557	101852	37.844	33.841
38)	L8 AR-1262-3	9.263f	8.000	110229	8651	62.829	6.753 #
39)	L8 AR-1262-4	9.310f	8.053	23520	105797	20.432	45.250 #
40)	L8 AR-1262-5	0.000	8.559	0	3623	N.D.	3.179 #
41)	L9 AR-1268-1	9.263f	8.000	110229	8651	26.693	2.447 #

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 Acq On : 28 Oct 2021 00:51
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

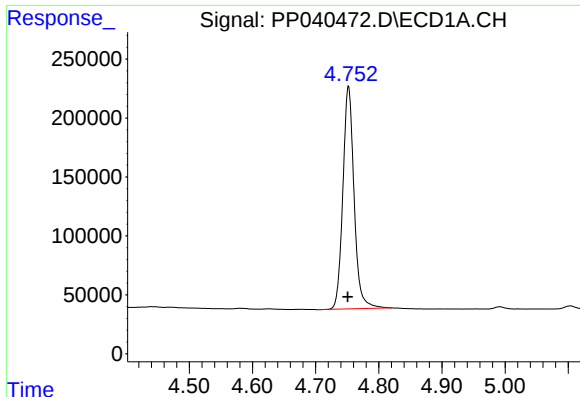
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 01:47:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102621.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	9.310f	8.053	23520	105797	5.997	31.393 #
43) L9	AR-1268-3	0.000	8.267	0	11836	N.D.	4.028 #
44) L9	AR-1268-4	0.000	8.559	0	3623	N.D.	2.984 #
45) L9	AR-1268-5	0.000	8.832	0	9671	N.D.	1.077 #

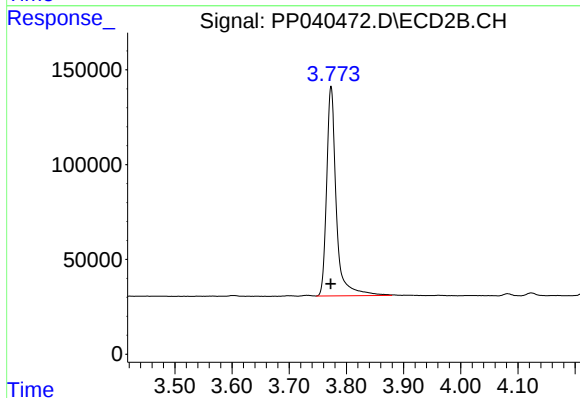
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

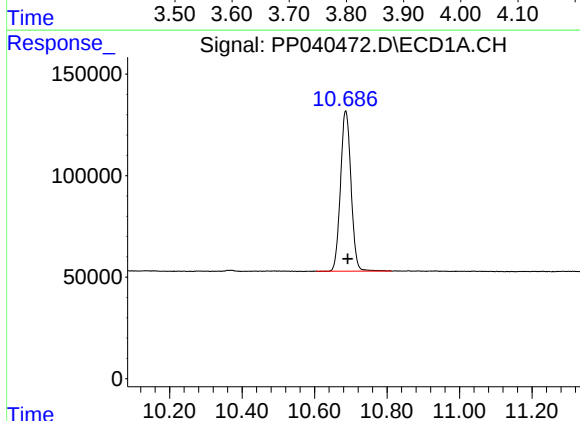
R.T.: 4.752 min
Delta R.T.: 0.001 min
Response: 2325383
Conc: 57.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



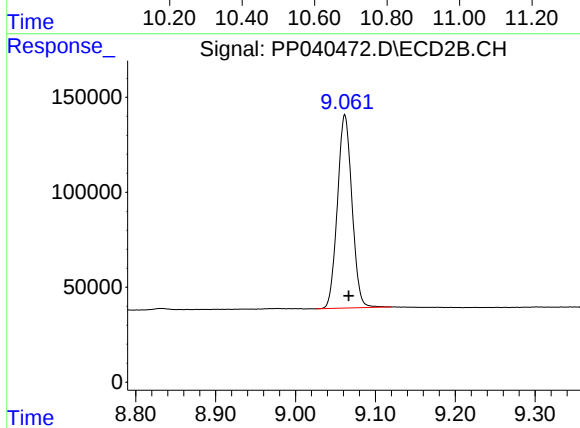
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 1302735
Conc: 47.82 ng/ml



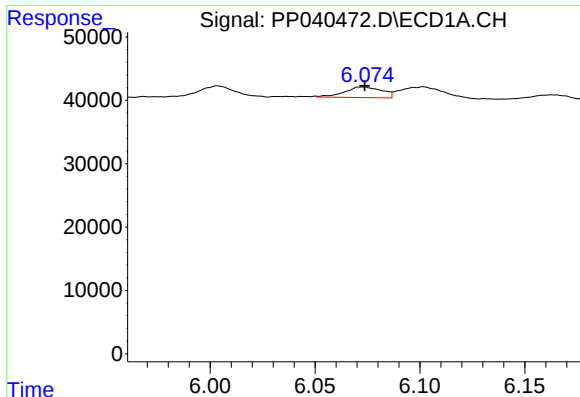
#2 Decachlorobiphenyl

R.T.: 10.686 min
Delta R.T.: -0.005 min
Response: 1594632
Conc: 52.63 ng/ml



#2 Decachlorobiphenyl

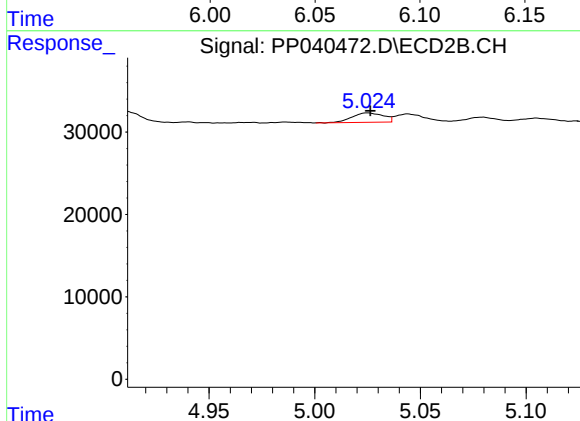
R.T.: 9.062 min
Delta R.T.: -0.005 min
Response: 1290143
Conc: 45.99 ng/ml



#3 AR-1016-1

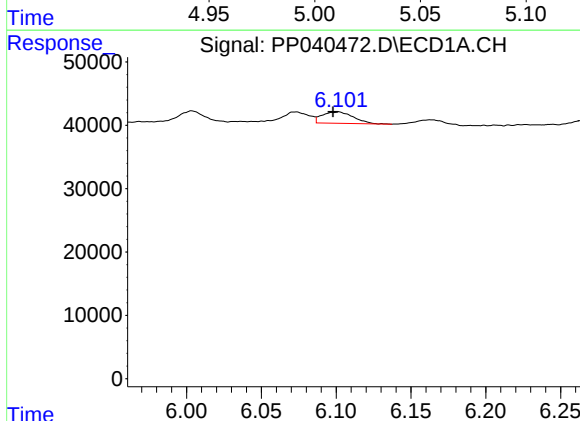
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 20721
Conc: 16.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



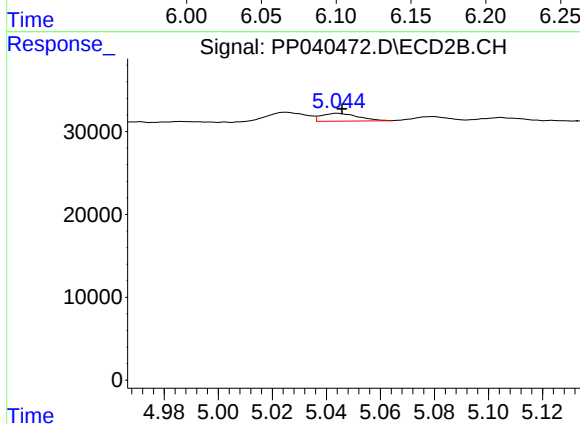
#3 AR-1016-1

R.T.: 5.025 min
Delta R.T.: -0.001 min
Response: 11825
Conc: 11.98 ng/ml



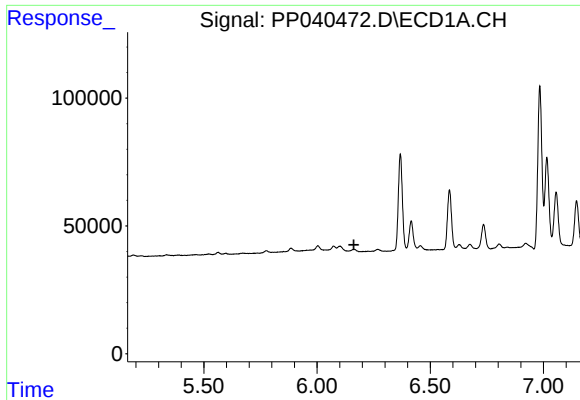
#4 AR-1016-2

R.T.: 6.102 min
Delta R.T.: 0.004 min
Response: 26082
Conc: 13.04 ng/ml



#4 AR-1016-2

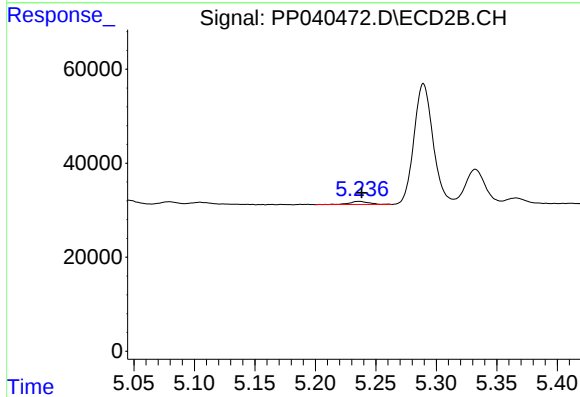
R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 8947
Conc: 6.14 ng/ml



#5 AR-1016-3

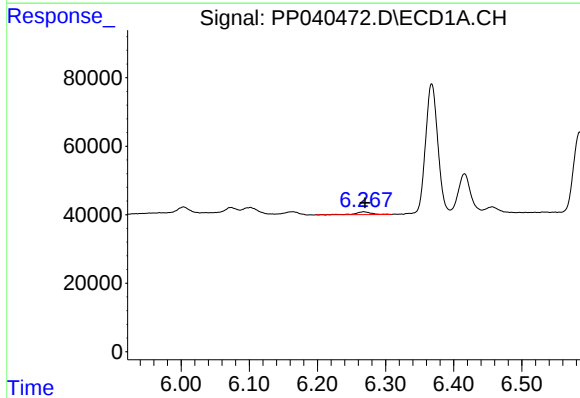
R.T.: 0.000 min
Exp R.T.: 6.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



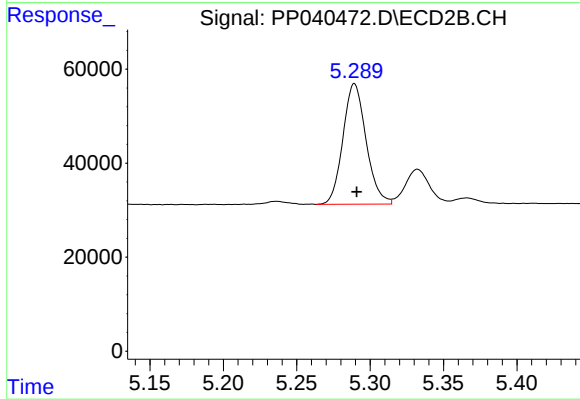
#5 AR-1016-3

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 7717
Conc: 9.63 ng/ml



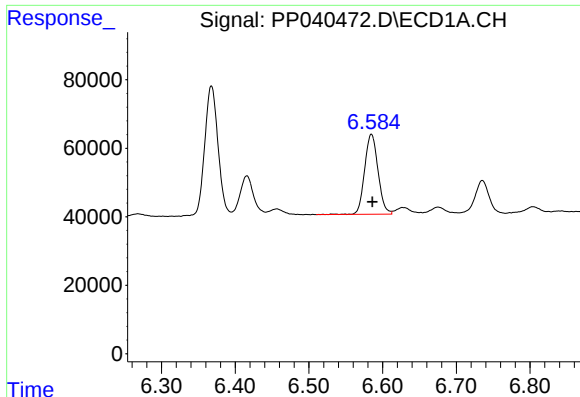
#6 AR-1016-4

R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 13898
Conc: 14.06 ng/ml



#6 AR-1016-4

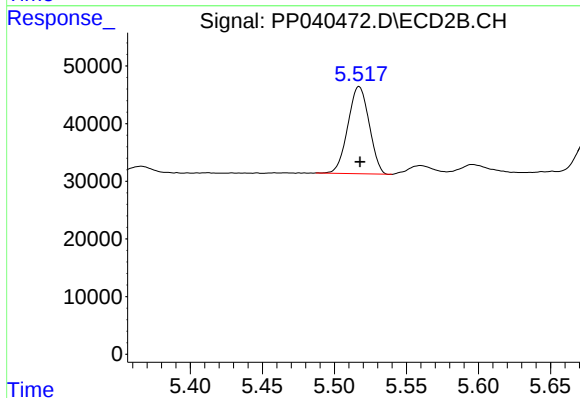
R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 282358
Conc: 425.35 ng/ml



#7 AR-1016-5

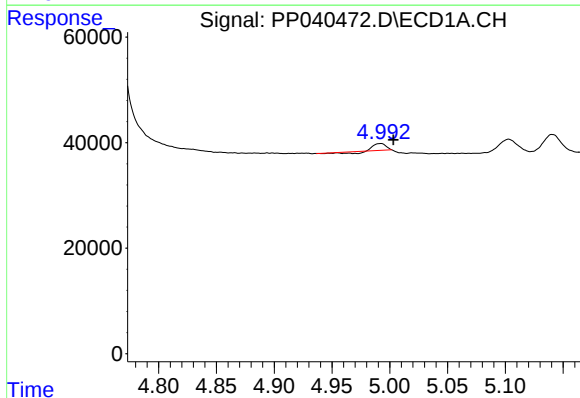
R.T.: 6.585 min
Delta R.T.: -0.001 min
Response: 294513
Conc: 303.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



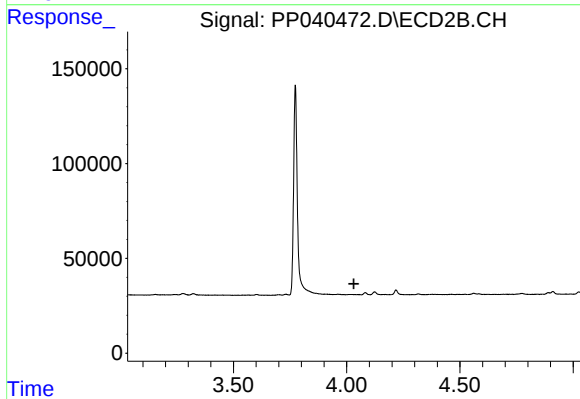
#7 AR-1016-5

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 155314
Conc: 210.79 ng/ml



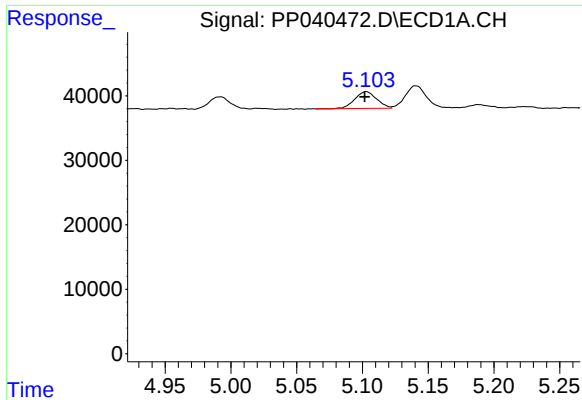
#8 AR-1221-1

R.T.: 4.992 min
Delta R.T.: -0.011 min
Response: 6504
Conc: 13.42 ng/ml



#8 AR-1221-1

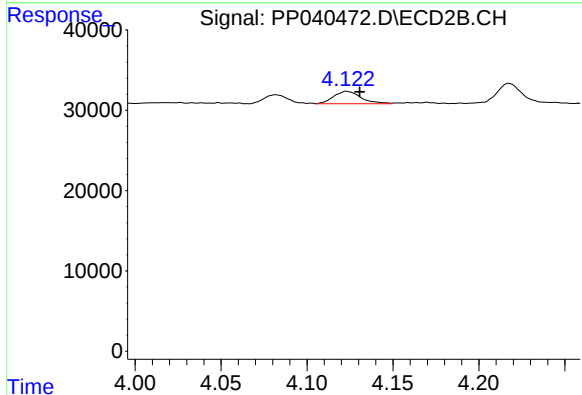
R.T.: 0.000 min
Exp R.T.: 4.032 min
Response: 0
Conc: N.D.



#9 AR-1221-2

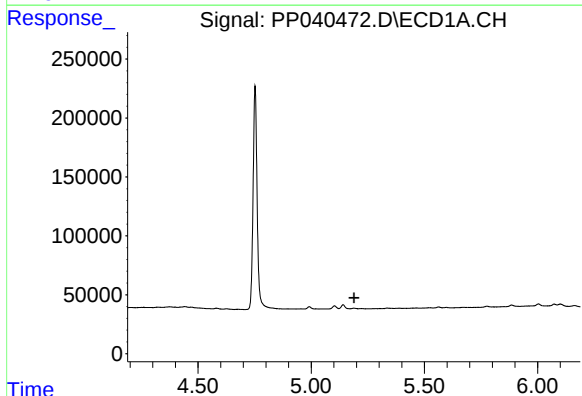
R.T.: 5.103 min
Delta R.T.: 0.001 min
Response: 30126
Conc: 88.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



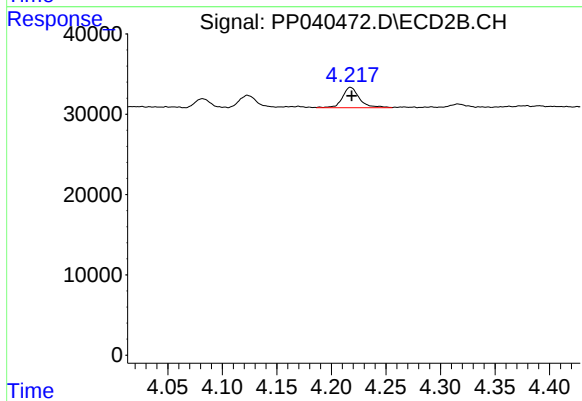
#9 AR-1221-2

R.T.: 4.123 min
Delta R.T.: -0.008 min
Response: 17127
Conc: 65.67 ng/ml



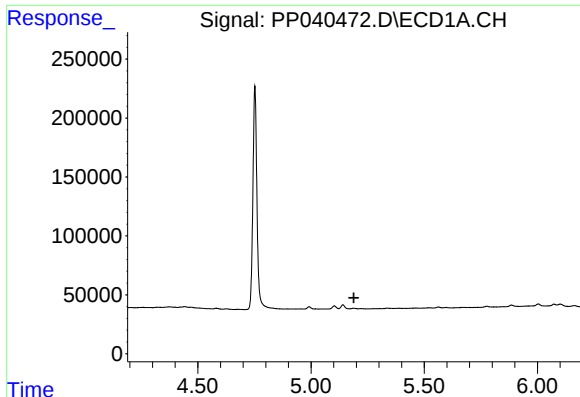
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.189 min
Response: 0
Conc: N.D.



#10 AR-1221-3

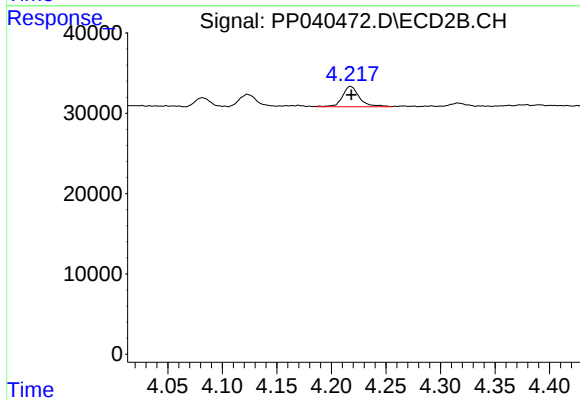
R.T.: 4.217 min
Delta R.T.: -0.001 min
Response: 27466
Conc: 32.30 ng/ml



#11 AR-1232-1

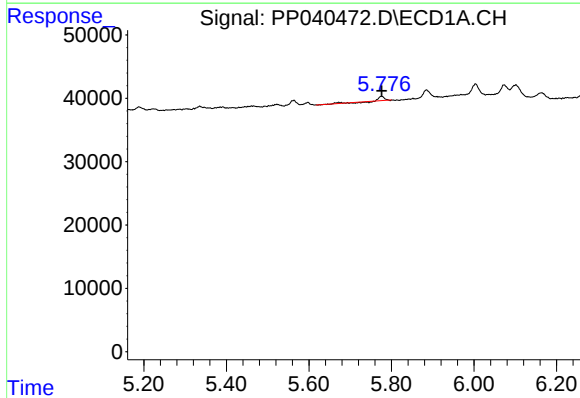
R.T.: 0.000 min
Exp R.T.: 5.189 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



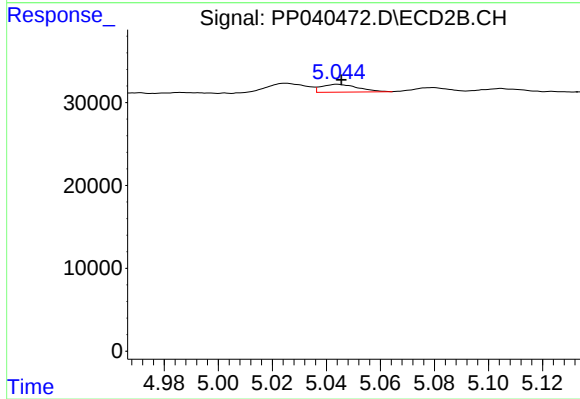
#11 AR-1232-1

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 27466
Conc: 38.89 ng/ml



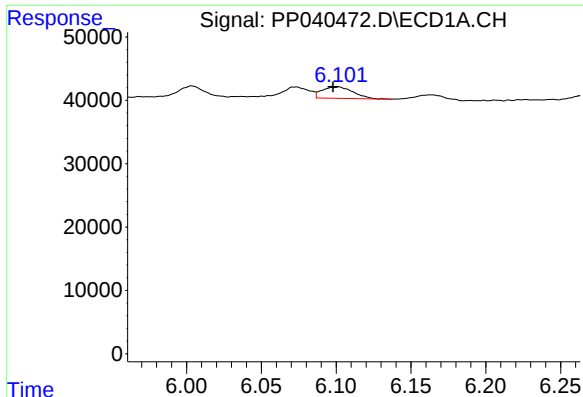
#12 AR-1232-2

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 4840
Conc: 10.92 ng/ml



#12 AR-1232-2

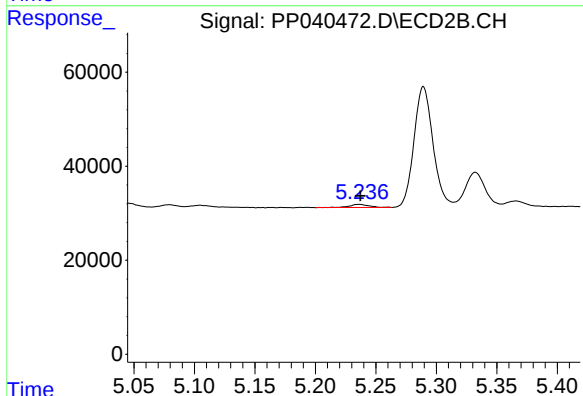
R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 8947
Conc: 14.96 ng/ml



#13 AR-1232-3

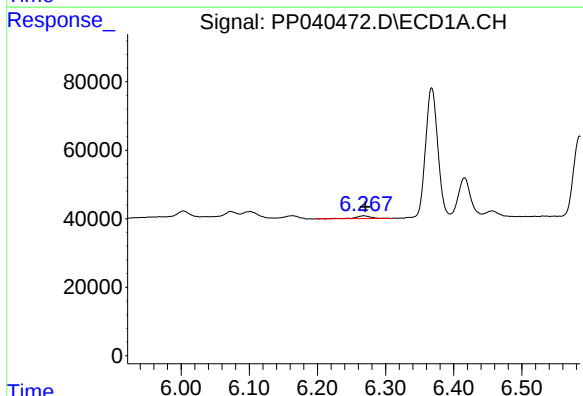
R.T.: 6.102 min
Delta R.T.: 0.004 min
Response: 26082
Conc: 31.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



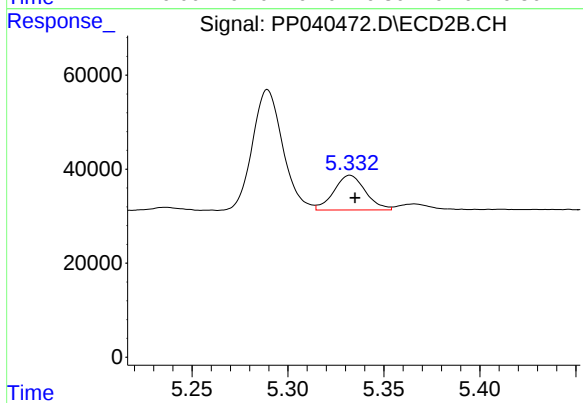
#13 AR-1232-3

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 7717
Conc: 24.84 ng/ml



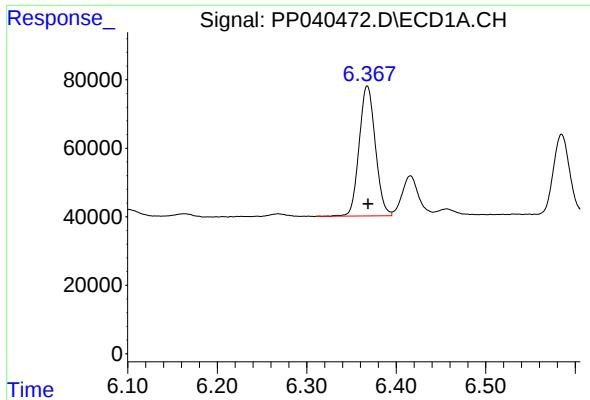
#14 AR-1232-4

R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 13898
Conc: 35.30 ng/ml



#14 AR-1232-4

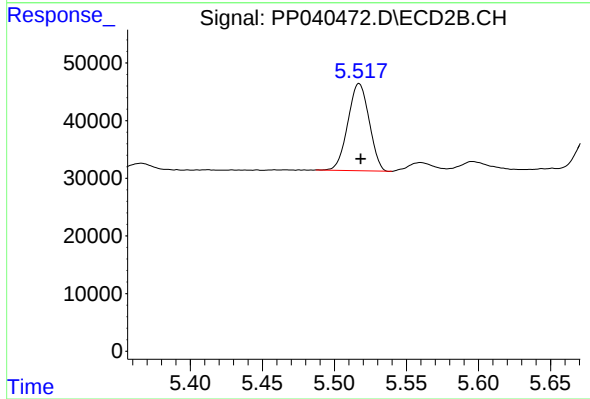
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 84850
Conc: 331.13 ng/ml



#15 AR-1232-5

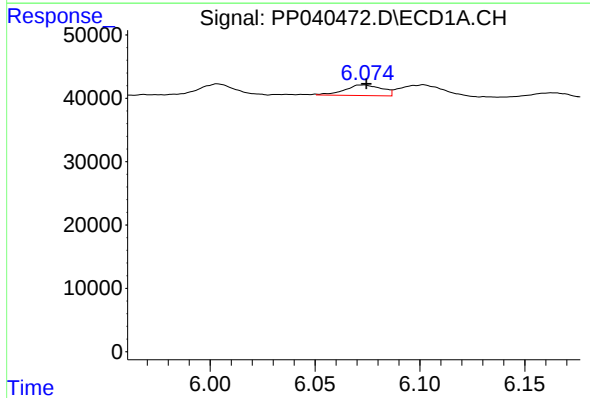
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 476095
Conc: 1790.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



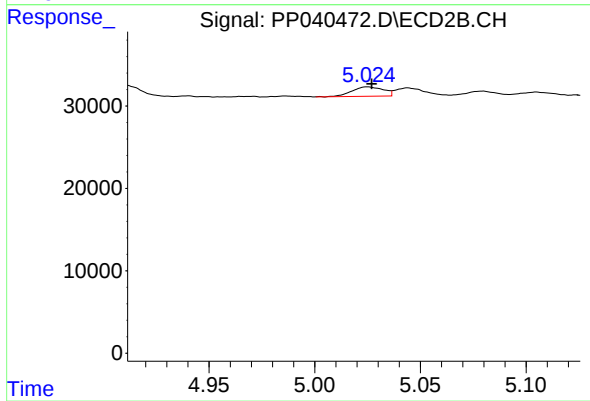
#15 AR-1232-5

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 155314
Conc: 577.47 ng/ml



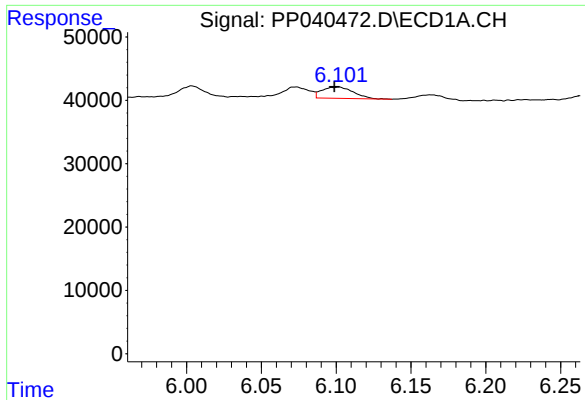
#16 AR-1242-1

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 20721
Conc: 21.41 ng/ml



#16 AR-1242-1

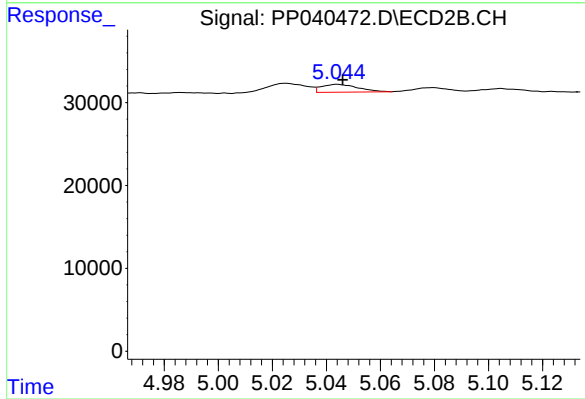
R.T.: 5.025 min
Delta R.T.: -0.002 min
Response: 11825
Conc: 16.29 ng/ml



#17 AR-1242-2

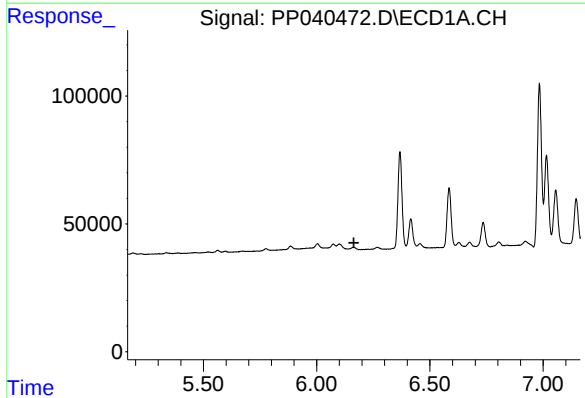
R.T.: 6.102 min
Delta R.T.: 0.003 min
Response: 26082
Conc: 17.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



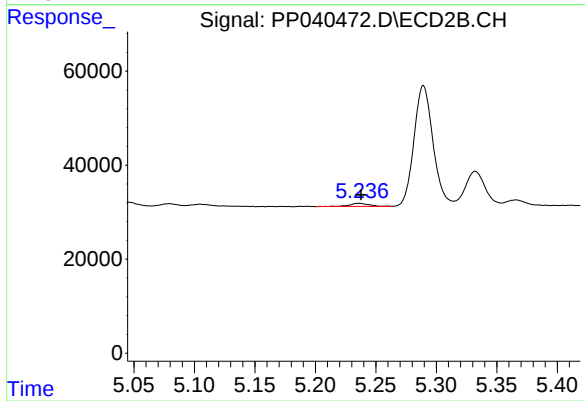
#17 AR-1242-2

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 8947
Conc: 8.43 ng/ml



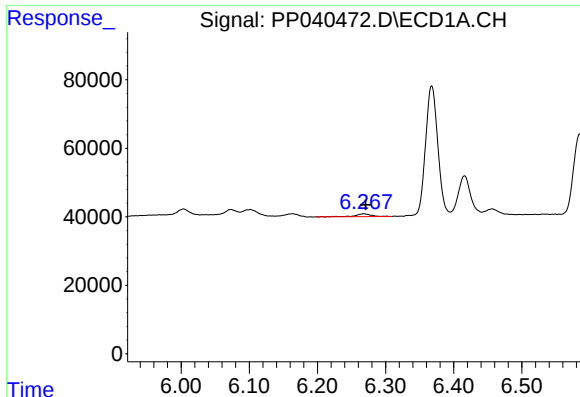
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



#18 AR-1242-3

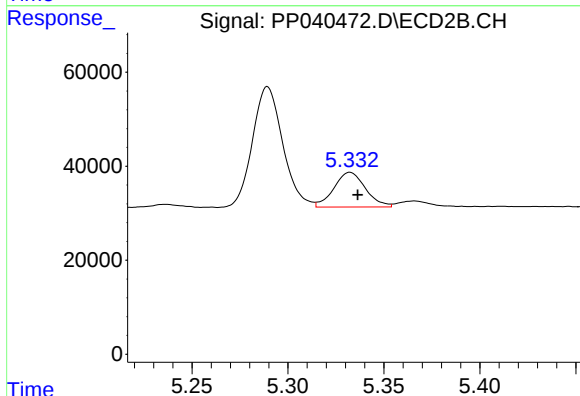
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 7717
Conc: 13.27 ng/ml



#19 AR-1242-4

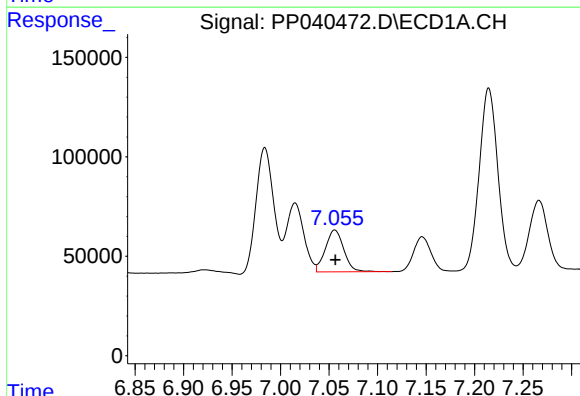
R.T.: 6.268 min
Delta R.T.: -0.003 min
Response: 13898
Conc: 18.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



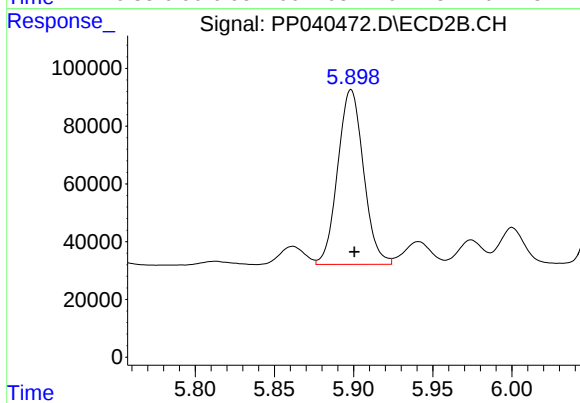
#19 AR-1242-4

R.T.: 5.332 min
Delta R.T.: -0.004 min
Response: 84850
Conc: 165.40 ng/ml



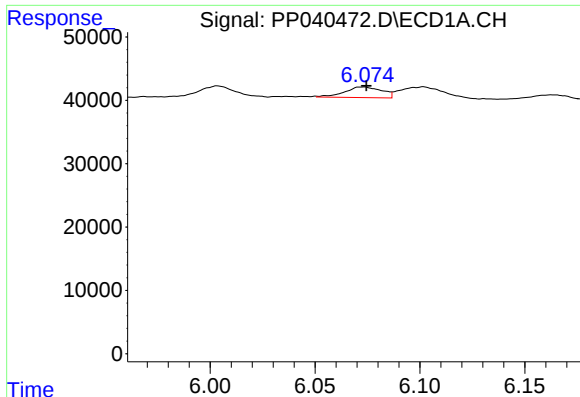
#20 AR-1242-5

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 278503
Conc: 351.74 ng/ml



#20 AR-1242-5

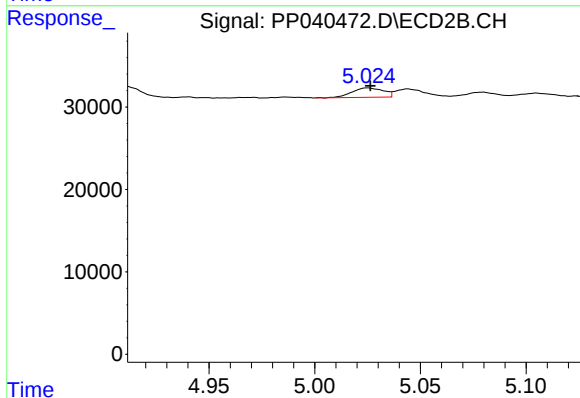
R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 684927
Conc: 1009.23 ng/ml



#21 AR-1248-1

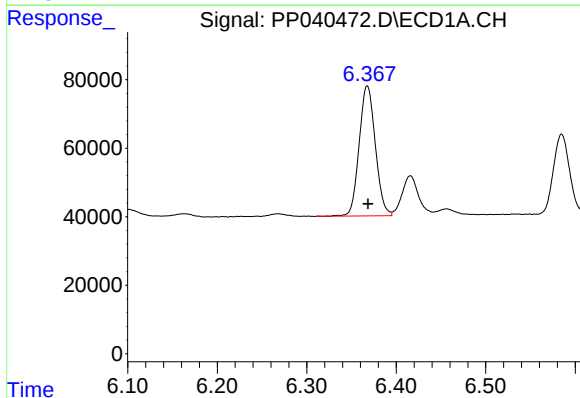
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 20721
Conc: 27.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



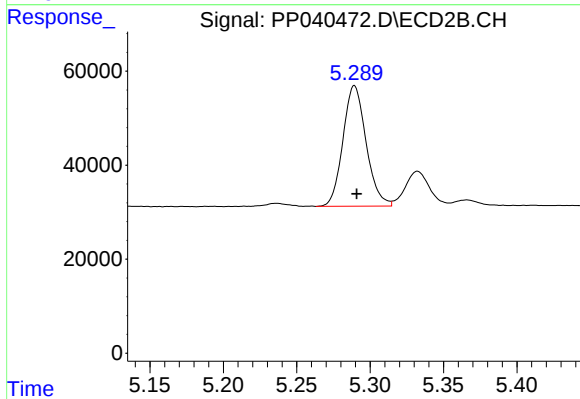
#21 AR-1248-1

R.T.: 5.025 min
Delta R.T.: -0.001 min
Response: 11825
Conc: 22.60 ng/ml



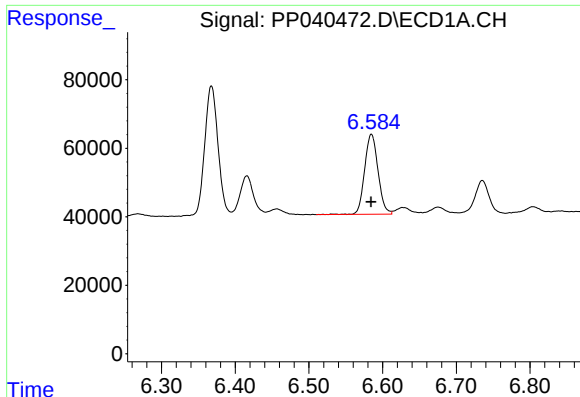
#22 AR-1248-2

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 476095
Conc: 459.90 ng/ml



#22 AR-1248-2

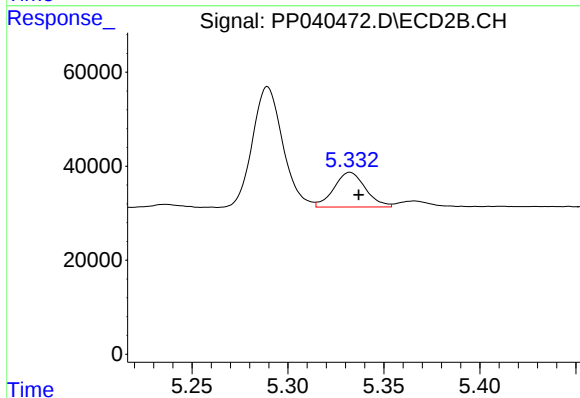
R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 282358
Conc: 354.29 ng/ml



#23 AR-1248-3

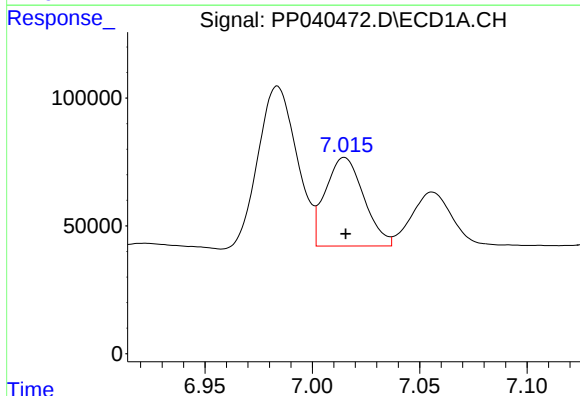
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 294513
Conc: 228.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



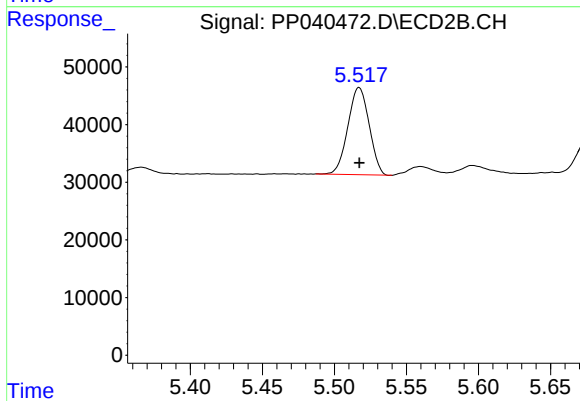
#23 AR-1248-3

R.T.: 5.332 min
Delta R.T.: -0.005 min
Response: 84850
Conc: 114.24 ng/ml



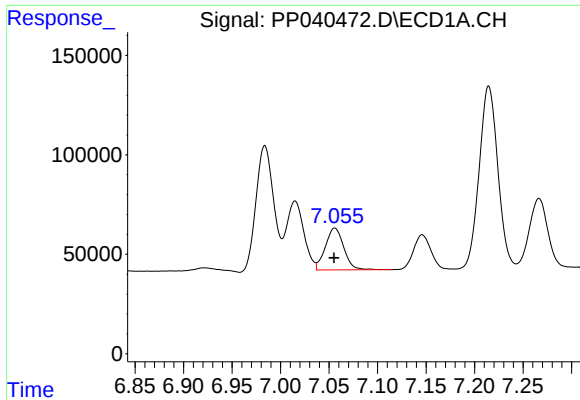
#24 AR-1248-4

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 431657
Conc: 293.70 ng/ml



#24 AR-1248-4

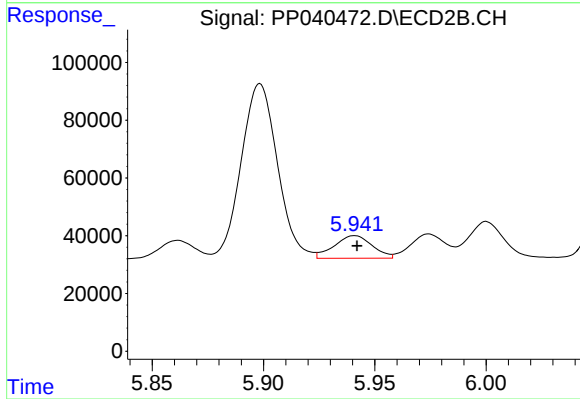
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 155314
Conc: 185.86 ng/ml



#25 AR-1248-5

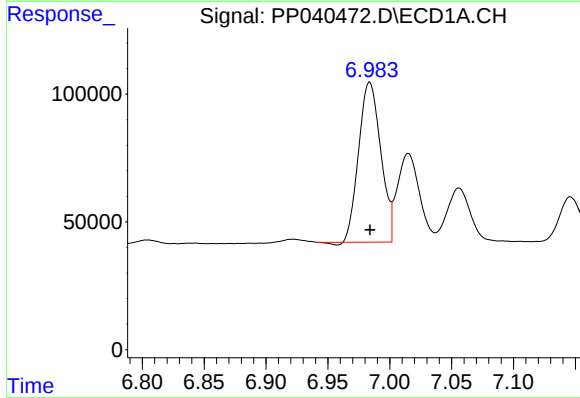
R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 278503
Conc: 194.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



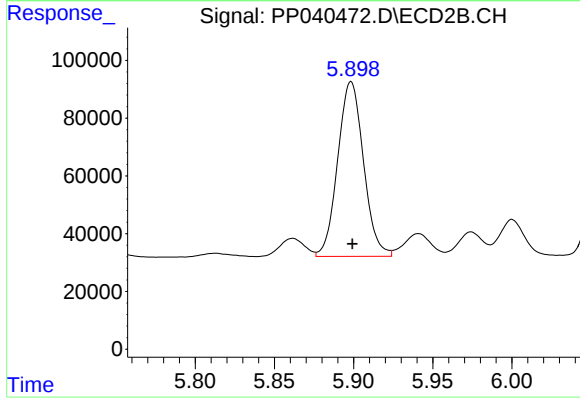
#25 AR-1248-5

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 92508
Conc: 94.10 ng/ml



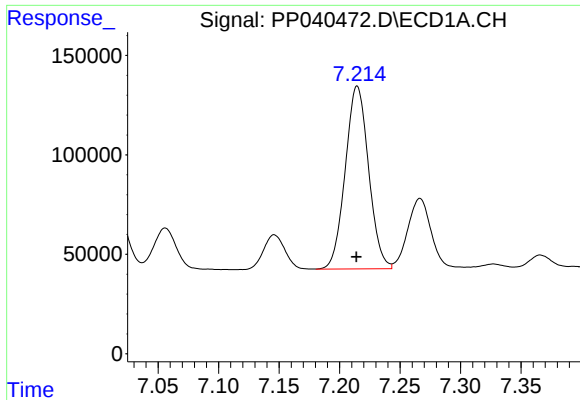
#26 AR-1254-1

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 774873
Conc: 536.15 ng/ml



#26 AR-1254-1

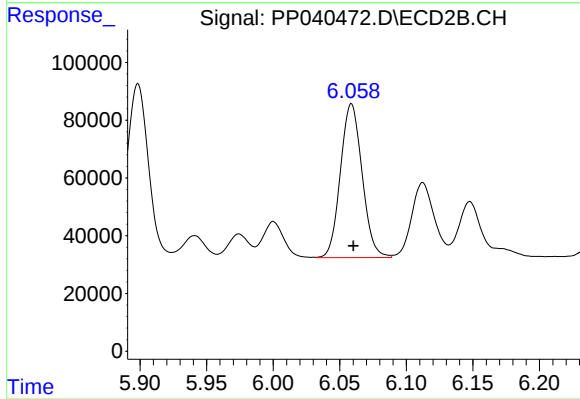
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 684927
Conc: 485.17 ng/ml



#27 AR-1254-2

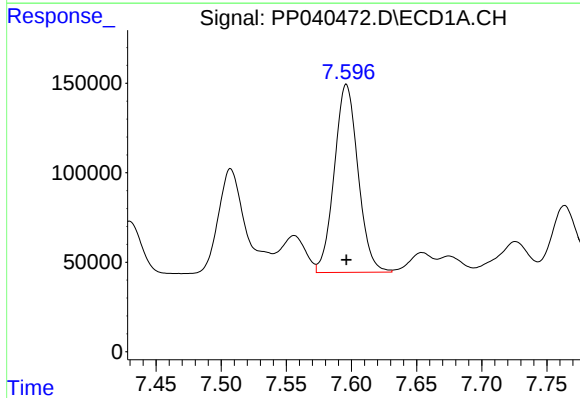
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 1236858
Conc: 549.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



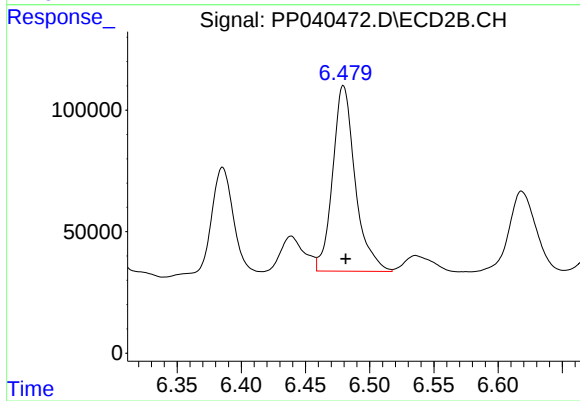
#27 AR-1254-2

R.T.: 6.059 min
Delta R.T.: -0.001 min
Response: 604222
Conc: 486.21 ng/ml



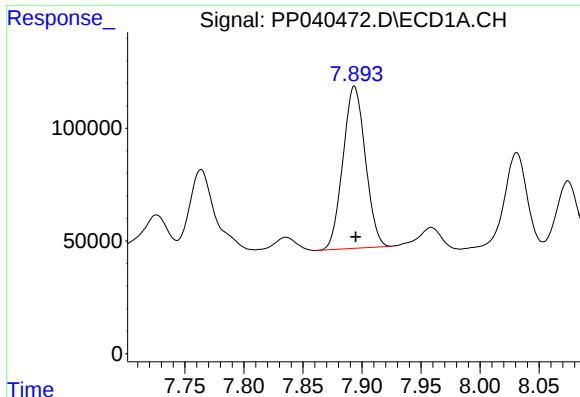
#28 AR-1254-3

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 1335971
Conc: 554.36 ng/ml



#28 AR-1254-3

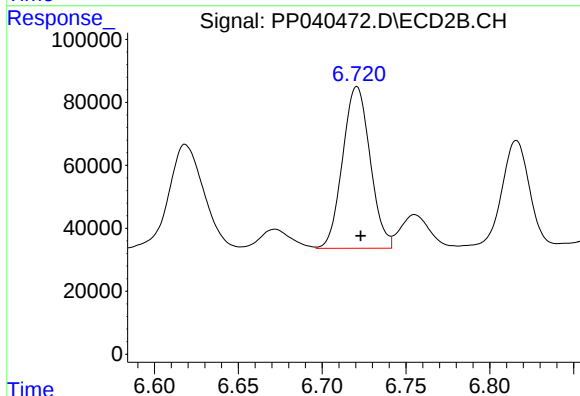
R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 932969
Conc: 490.25 ng/ml



#29 AR-1254-4

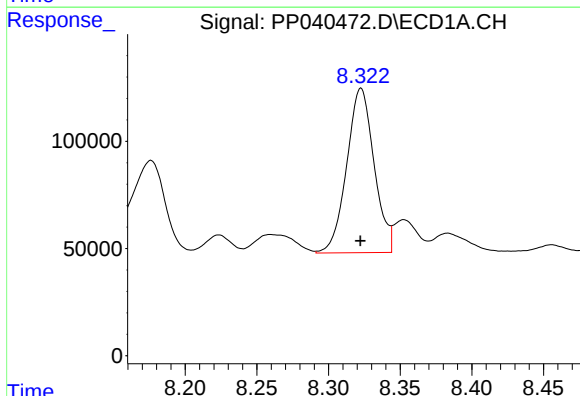
R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 947650
Conc: 558.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



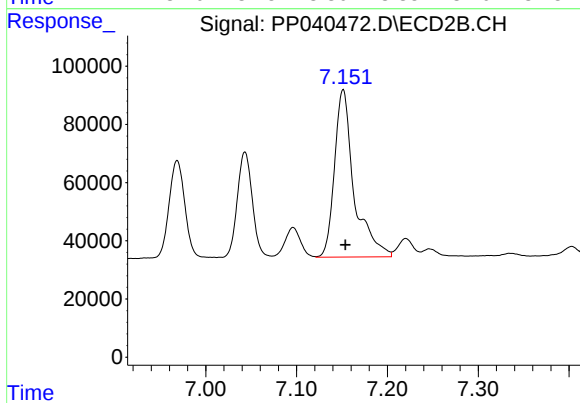
#29 AR-1254-4

R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 586336
Conc: 507.04 ng/ml



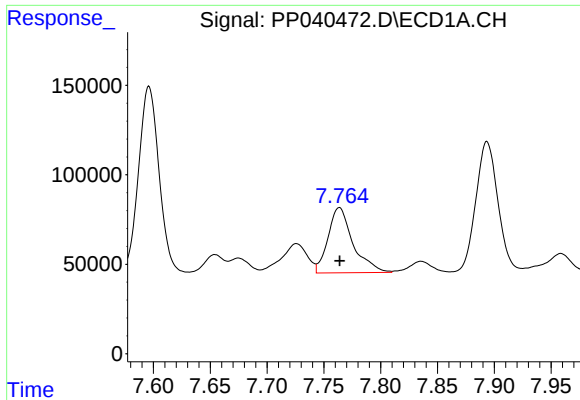
#30 AR-1254-5

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 1019258
Conc: 560.30 ng/ml



#30 AR-1254-5

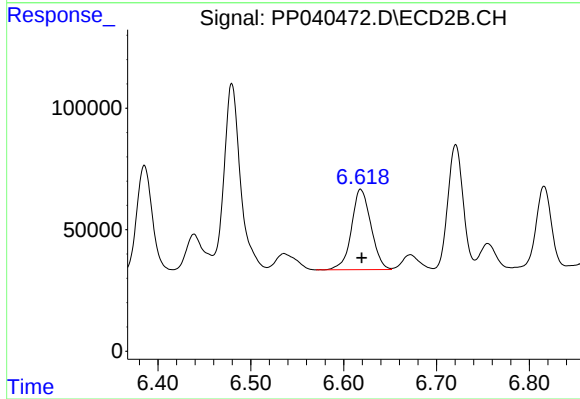
R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 862442
Conc: 498.65 ng/ml



#31 AR-1260-1

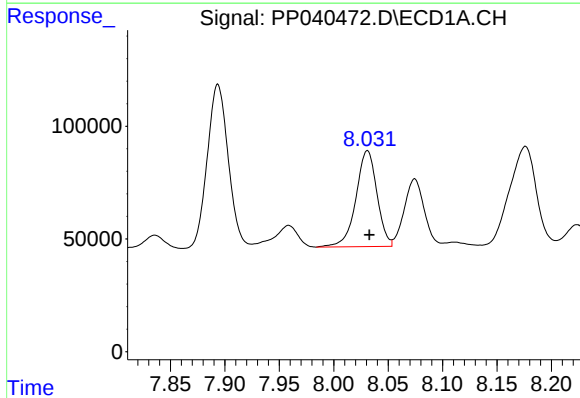
R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 556651
Conc: 356.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



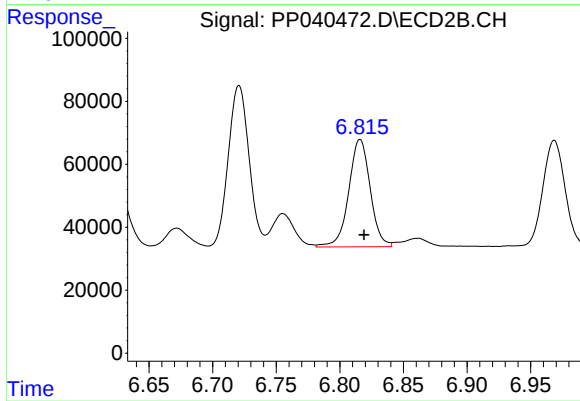
#31 AR-1260-1

R.T.: 6.618 min
Delta R.T.: -0.001 min
Response: 482209
Conc: 337.31 ng/ml



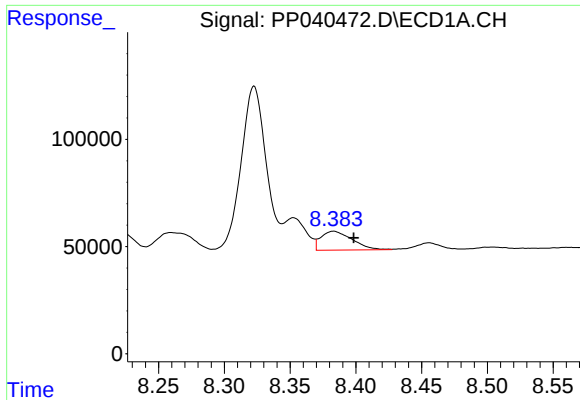
#32 AR-1260-2

R.T.: 8.031 min
Delta R.T.: -0.002 min
Response: 572980
Conc: 310.91 ng/ml



#32 AR-1260-2

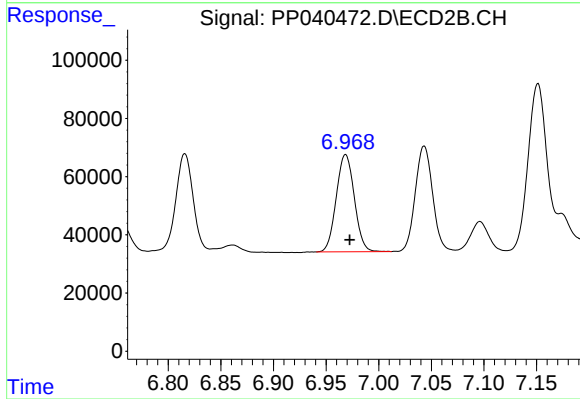
R.T.: 6.816 min
Delta R.T.: -0.003 min
Response: 401090
Conc: 239.61 ng/ml



#33 AR-1260-3

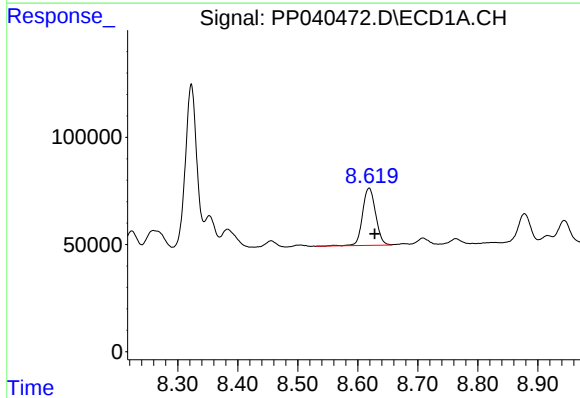
R.T.: 8.383 min
Delta R.T.: -0.015 min
Response: 144929
Conc: 104.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



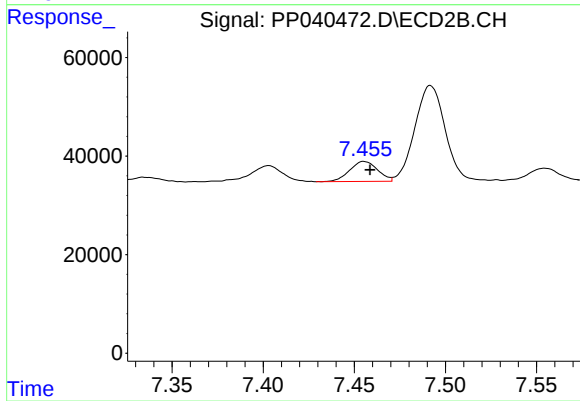
#33 AR-1260-3

R.T.: 6.969 min
Delta R.T.: -0.004 min
Response: 399719
Conc: 252.77 ng/ml



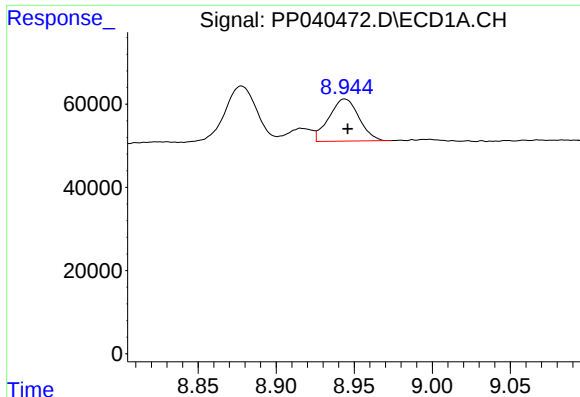
#34 AR-1260-4

R.T.: 8.619 min
Delta R.T.: -0.009 min
Response: 404744
Conc: 256.34 ng/ml



#34 AR-1260-4

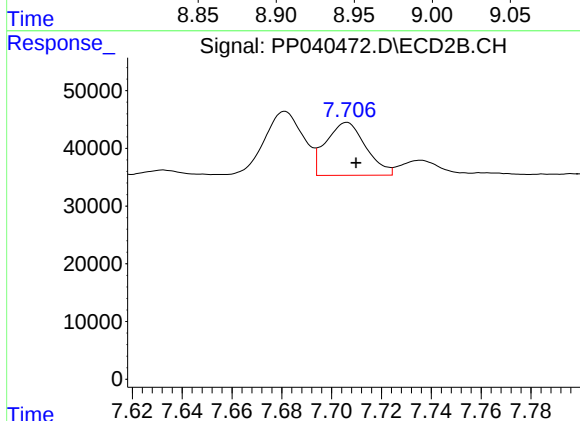
R.T.: 7.455 min
Delta R.T.: -0.003 min
Response: 43496
Conc: 32.18 ng/ml



#35 AR-1260-5

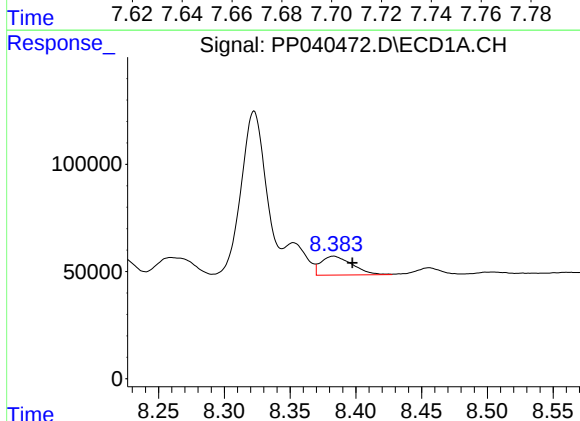
R.T.: 8.944 min
Delta R.T.: -0.002 min
Response: 135557
Conc: 45.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



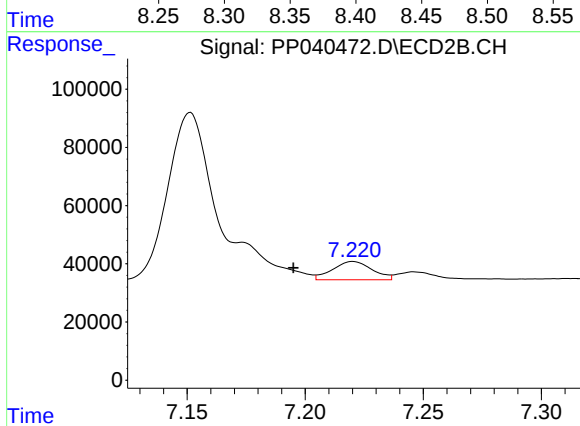
#35 AR-1260-5

R.T.: 7.706 min
Delta R.T.: -0.004 min
Response: 101852
Conc: 33.92 ng/ml



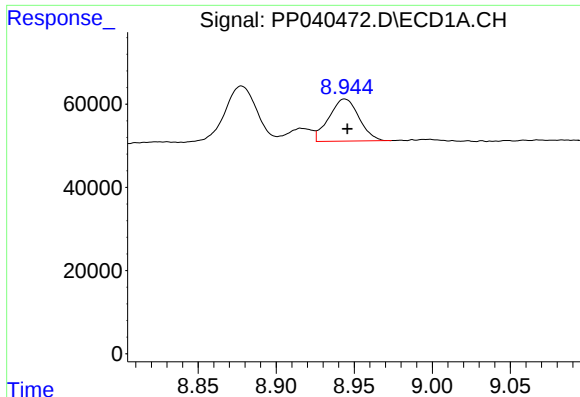
#36 AR-1262-1

R.T.: 8.383 min
Delta R.T.: -0.014 min
Response: 144929
Conc: 68.57 ng/ml



#36 AR-1262-1

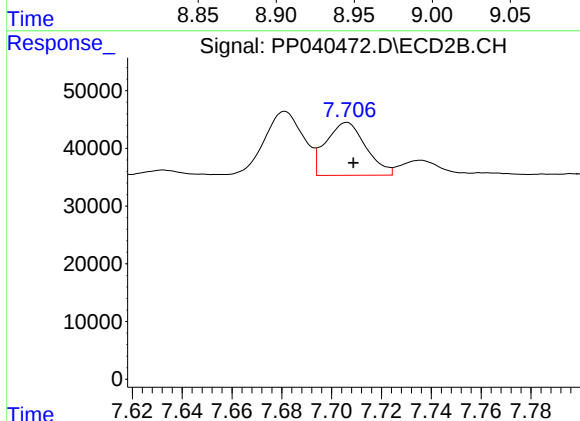
R.T.: 7.220 min
Delta R.T.: 0.025 min
Response: 73400
Conc: 42.35 ng/ml



#37 AR-1262-2

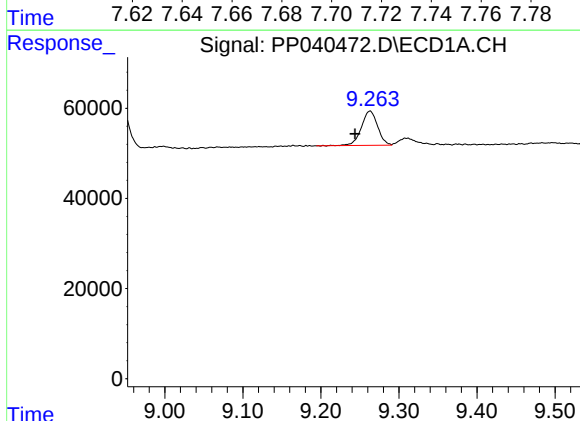
R.T.: 8.944 min
Delta R.T.: -0.002 min
Response: 135557
Conc: 37.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



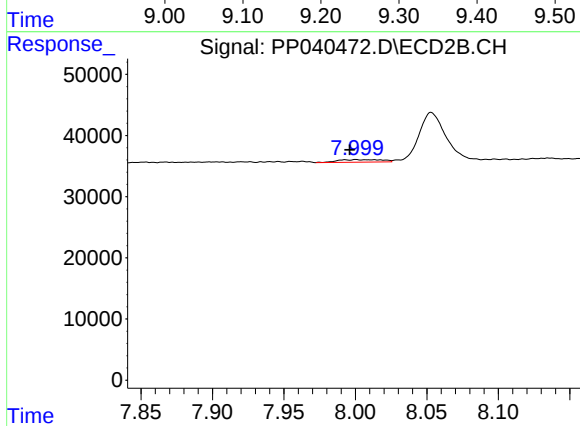
#37 AR-1262-2

R.T.: 7.706 min
Delta R.T.: -0.003 min
Response: 101852
Conc: 33.84 ng/ml



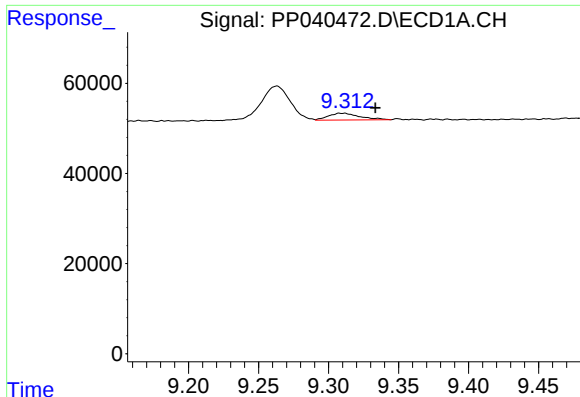
#38 AR-1262-3

R.T.: 9.263 min
Delta R.T.: 0.019 min
Response: 110229
Conc: 62.83 ng/ml



#38 AR-1262-3

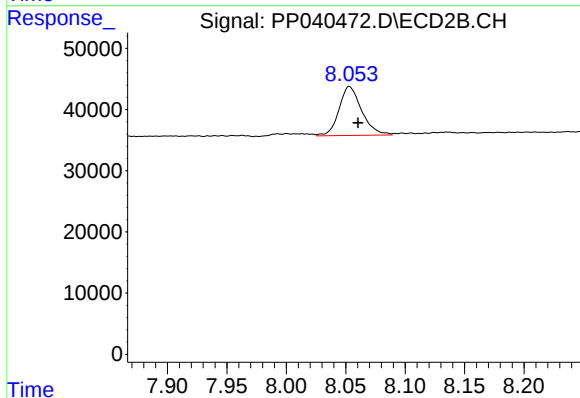
R.T.: 8.000 min
Delta R.T.: 0.004 min
Response: 8651
Conc: 6.75 ng/ml



#39 AR-1262-4

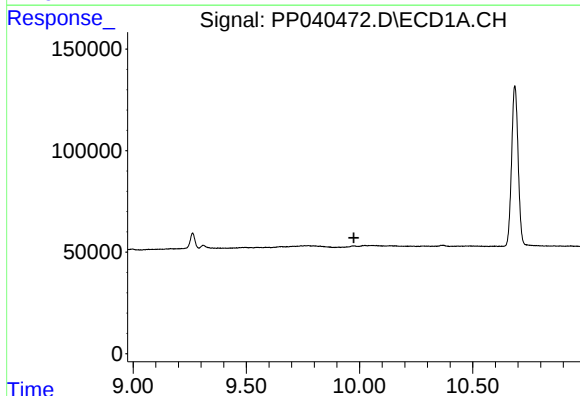
R.T.: 9.310 min
Delta R.T.: -0.023 min
Response: 23520
Conc: 20.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



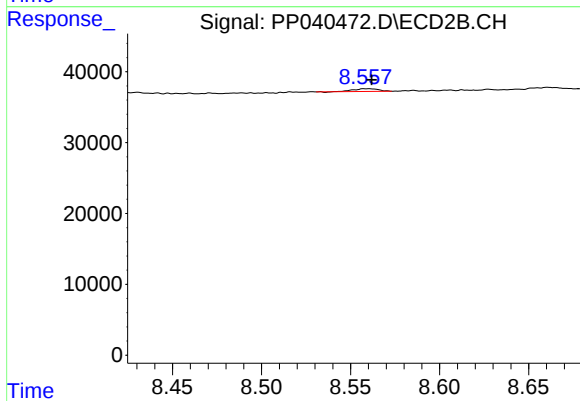
#39 AR-1262-4

R.T.: 8.053 min
Delta R.T.: -0.007 min
Response: 105797
Conc: 45.25 ng/ml



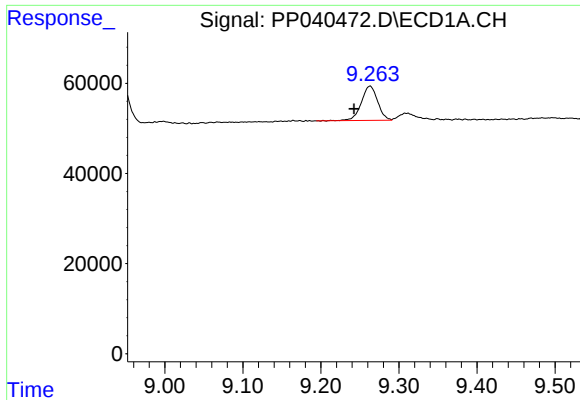
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.975 min
Response: 0
Conc: N.D.



#40 AR-1262-5

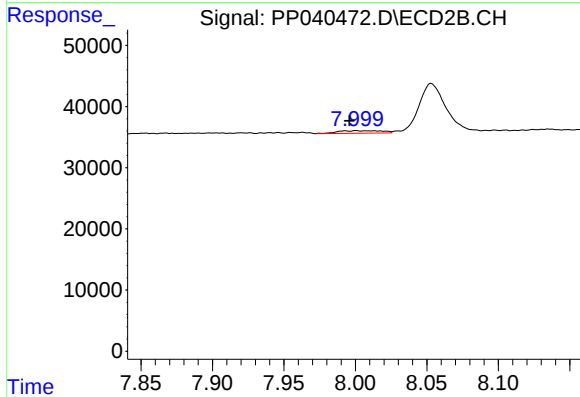
R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 3623
Conc: 3.18 ng/ml



#41 AR-1268-1

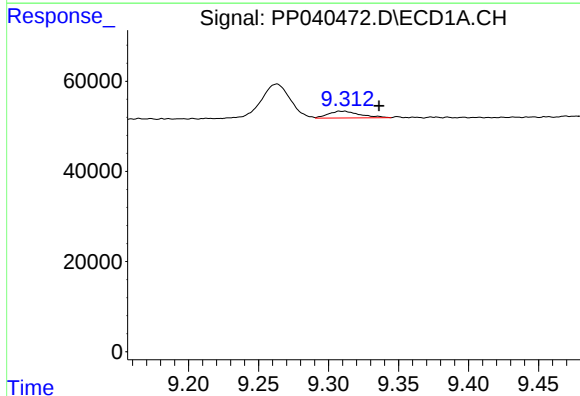
R.T.: 9.263 min
Delta R.T.: 0.020 min
Response: 110229
Conc: 26.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



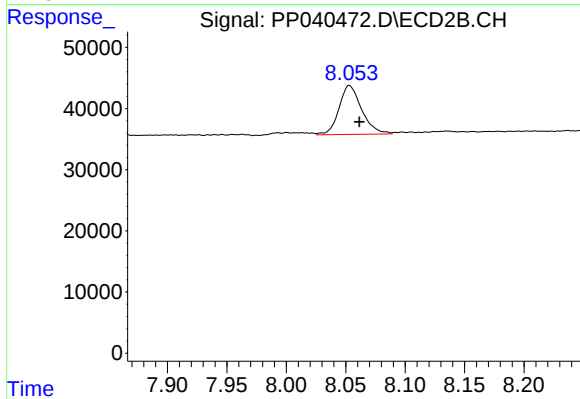
#41 AR-1268-1

R.T.: 8.000 min
Delta R.T.: 0.005 min
Response: 8651
Conc: 2.45 ng/ml



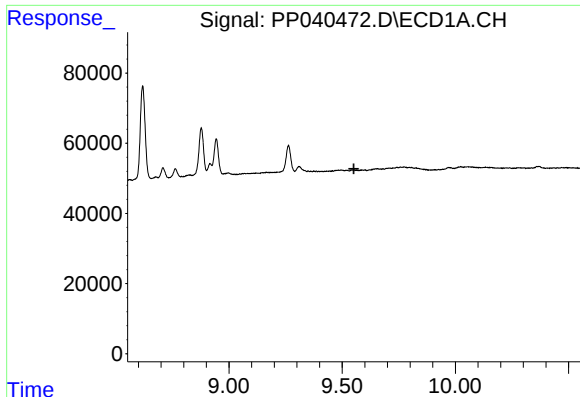
#42 AR-1268-2

R.T.: 9.310 min
Delta R.T.: -0.026 min
Response: 23520
Conc: 6.00 ng/ml



#42 AR-1268-2

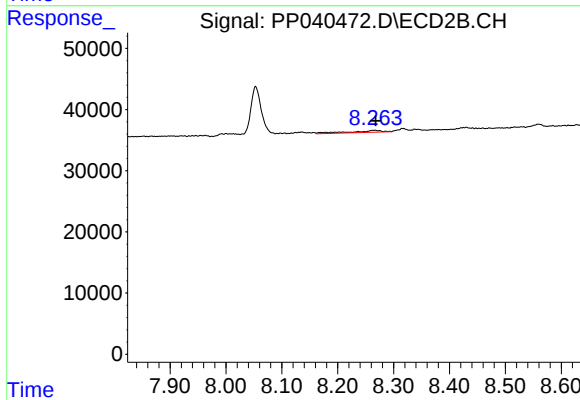
R.T.: 8.053 min
Delta R.T.: -0.008 min
Response: 105797
Conc: 31.39 ng/ml



#43 AR-1268-3

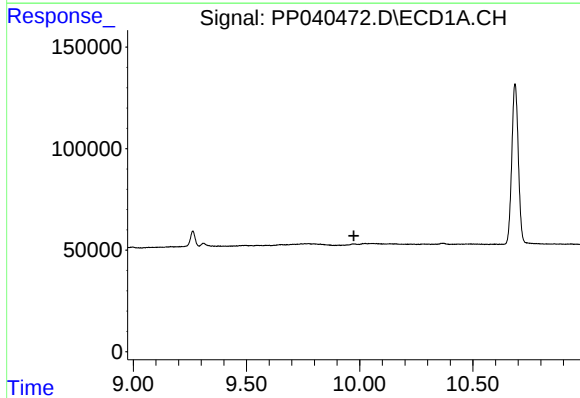
R.T.: 0.000 min
Exp R.T.: 9.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



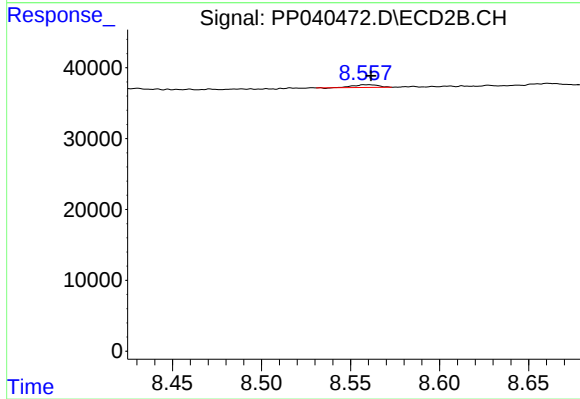
#43 AR-1268-3

R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 11836
Conc: 4.03 ng/ml



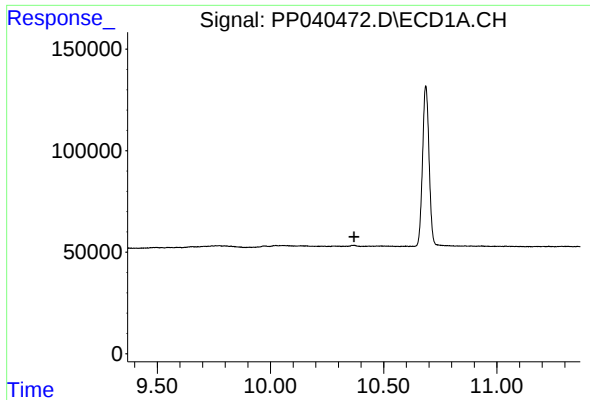
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.974 min
Response: 0
Conc: N.D.



#44 AR-1268-4

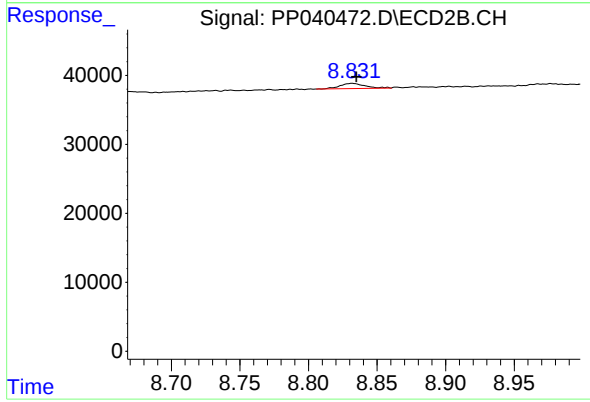
R.T.: 8.559 min
Delta R.T.: -0.002 min
Response: 3623
Conc: 2.98 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.832 min
Delta R.T.: -0.003 min
Response: 9671
Conc: 1.08 ng/ml