

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP123021\
 Data File : PP042423.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Dec 2021 17:30
 Operator : AJ\MA
 Sample : M5254-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 01:24:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 24 23:47:53 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...	4.917	4.053	270000	453732	20.564	19.866
2)	SA Decachlor...	10.912	9.395f	274536	311898	22.539	19.287
Target Compounds							
3)	L1 AR-1016-1	6.247	5.344	16262	59771	36.586	65.203 #
4)	L1 AR-1016-2	6.247	5.344	16262	59771	24.585	47.437 #
5)	L1 AR-1016-3	6.326	5.528f	11172	36121	27.390	51.433 #
6)	L1 AR-1016-4	6.398f	5.589	134058	33001	411.500	60.772 #
7)	L1 AR-1016-5	0.000	5.823	0	55130	N.D.	84.555 #
8)	L2 AR-1221-1	5.151	0.000	4391	0	27.708	N.D. #
12)	L3 AR-1232-2	0.000	5.344	0	59771	N.D.	112.326 #
13)	L3 AR-1232-3	6.247	5.528f	16262	36121	62.156	126.195 #
14)	L3 AR-1232-4	0.000	5.644	0	40599	N.D.	168.319 #
15)	L3 AR-1232-5	6.525	5.823	6712	55130	65.043	227.053 #
16)	L4 AR-1242-1	6.247	5.344	16262	59771	49.874	87.780 #
17)	L4 AR-1242-2	6.247	5.344	16262	59771	34.074	64.177 #
18)	L4 AR-1242-3	6.326	5.528f	11172	36121	37.302	68.351 #
19)	L4 AR-1242-4	6.398f	5.644	134058	40599	547.162	80.241 #
20)	L4 AR-1242-5	7.233f	6.203	96477	460277	370.937	776.447 #
21)	L5 AR-1248-1	6.247	5.344	16262	59771	64.957	115.051 #
22)	L5 AR-1248-2	6.525	5.589	6712	33001	19.004	46.863 #
23)	L5 AR-1248-3	0.000	5.644	0	40599	N.D.	54.712 #
24)	L5 AR-1248-4	7.173	5.823	238657	55130	526.360	65.485 #
25)	L5 AR-1248-5	7.233f	6.245	96477	76310	216.379	92.126 #
26)	L6 AR-1254-1	7.148	6.203	153613	460277	308.134	367.992
27)	L6 AR-1254-2	7.376	6.377	208871	54480	272.450	50.063 #
28)	L6 AR-1254-3	7.759	6.780f	135789	50647	175.990	30.486 #
29)	L6 AR-1254-4	8.041	7.031	20198	52653	36.302	53.974 #
30)	L6 AR-1254-5	8.474	7.452f	57479	153404	91.790	119.714 #
31)	L7 AR-1260-1	7.925	6.939	23858	116330	40.258	109.462 #
32)	L7 AR-1260-2	8.177	7.148f	231621	319618	299.982	258.908
33)	L7 AR-1260-3	8.565	7.272f	13579	23254	26.249	17.354 #
34)	L7 AR-1260-4	8.785	7.761	47668	30487	82.325	34.141 #
35)	L7 AR-1260-5	9.103	8.003f	24705	27251	21.114	14.160 #
36)	L8 AR-1262-1	8.565	7.452	13579	153404	17.695	230.560 #
37)	L8 AR-1262-2	9.103	7.761	24705	30487	20.157	28.108 #
38)	L8 AR-1262-3	9.425	0.000	14098	0	28.682	N.D. #
39)	L8 AR-1262-4	9.506	8.357f	1310	26430	3.555	17.351 #
40)	L8 AR-1262-5	10.170	0.000	8904	0	19.441	N.D. #
41)	L9 AR-1268-1	9.425	0.000	14098	0	9.299	N.D. #
42)	L9 AR-1268-2	9.524	8.357f	903	26430	0.637	12.106 #
43)	L9 AR-1268-3	9.724f	0.000	1278	0	0.993	N.D. #
44)	L9 AR-1268-4	10.170	0.000	8904	0	17.183	N.D. #

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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

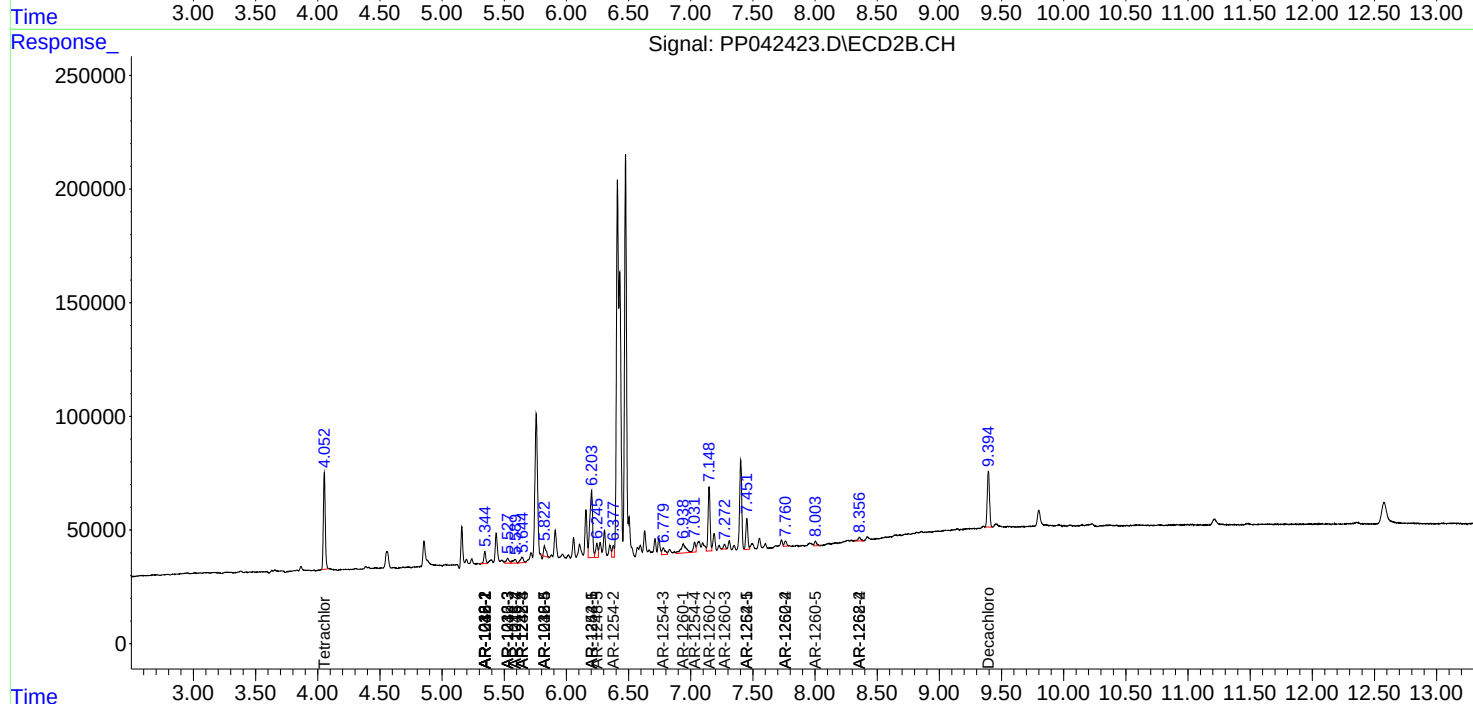
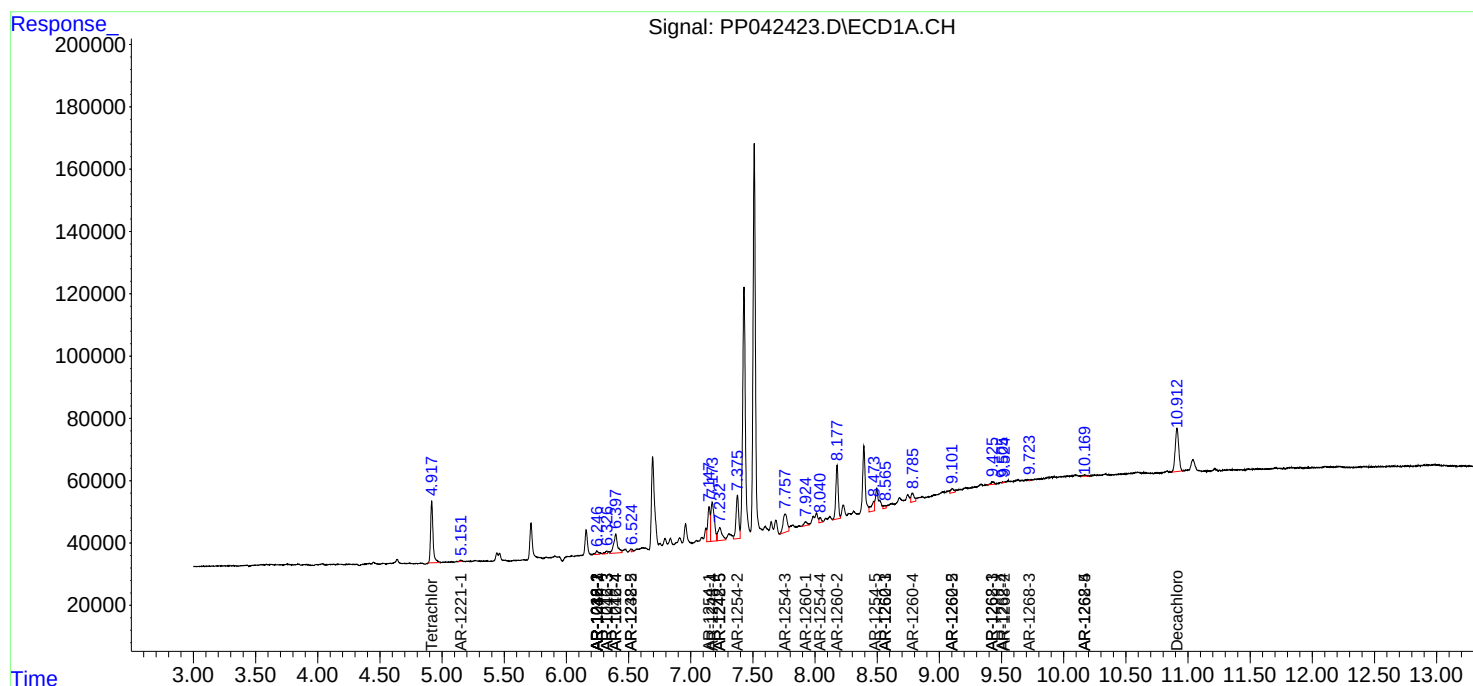
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

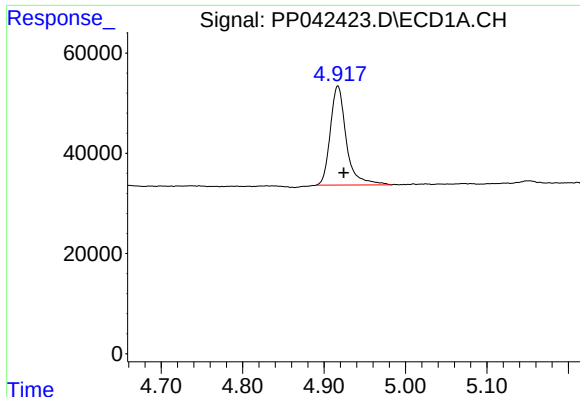
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP123021\
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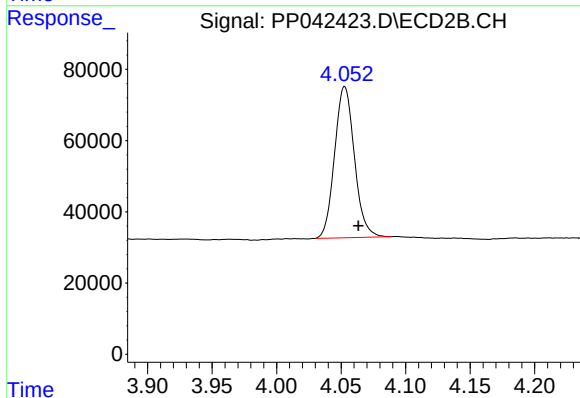




#1 Tetrachloro-m-xylene

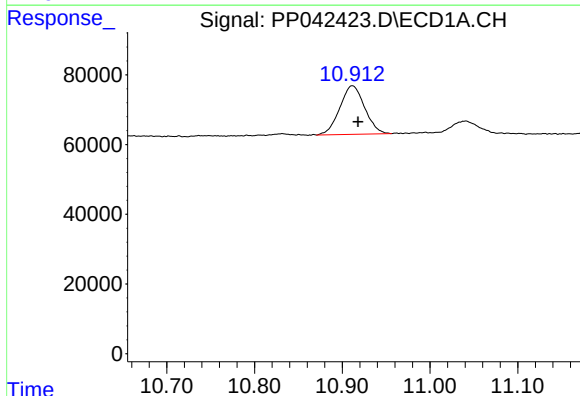
R.T.: 4.917 min
Delta R.T.: -0.007 min
Response: 270000
Conc: 20.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



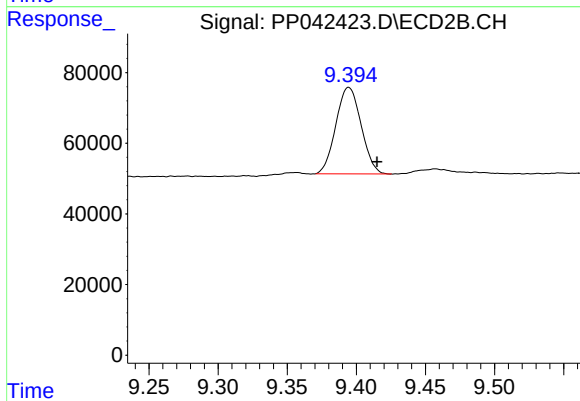
#1 Tetrachloro-m-xylene

R.T.: 4.053 min
Delta R.T.: -0.011 min
Response: 453732
Conc: 19.87 ng/ml



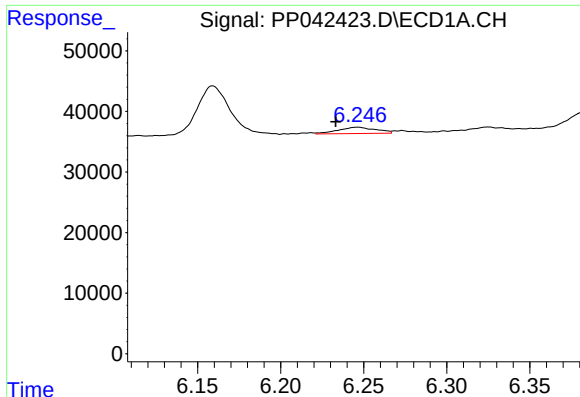
#2 Decachlorobiphenyl

R.T.: 10.912 min
Delta R.T.: -0.007 min
Response: 274536
Conc: 22.54 ng/ml



#2 Decachlorobiphenyl

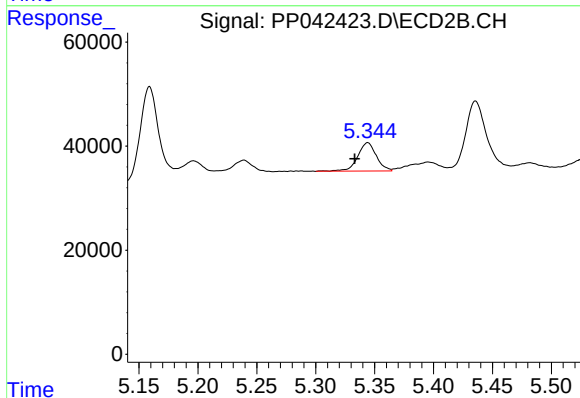
R.T.: 9.395 min
Delta R.T.: -0.020 min
Response: 311898
Conc: 19.29 ng/ml



#3 AR-1016-1

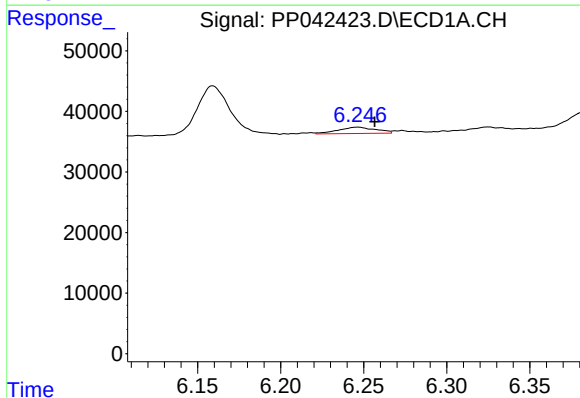
R.T.: 6.247 min
Delta R.T.: 0.013 min
Response: 16262
Conc: 36.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



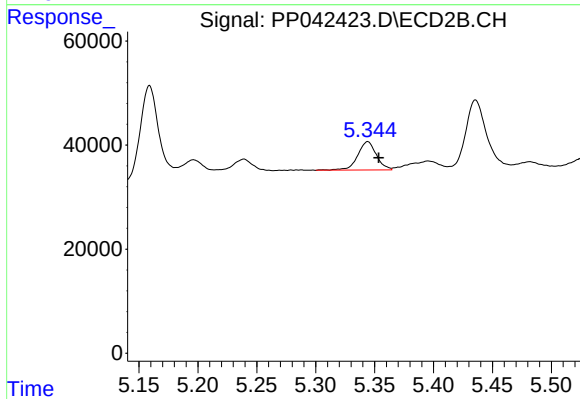
#3 AR-1016-1

R.T.: 5.344 min
Delta R.T.: 0.011 min
Response: 59771
Conc: 65.20 ng/ml



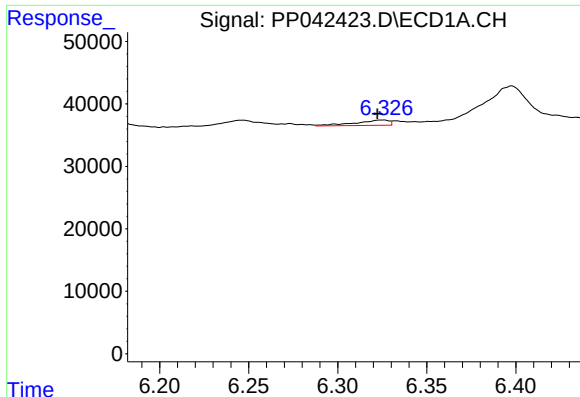
#4 AR-1016-2

R.T.: 6.247 min
Delta R.T.: -0.010 min
Response: 16262
Conc: 24.59 ng/ml



#4 AR-1016-2

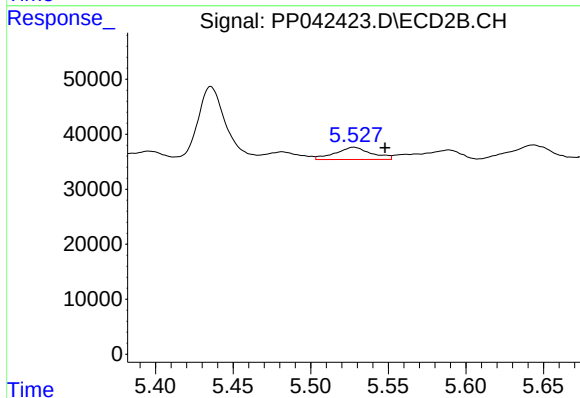
R.T.: 5.344 min
Delta R.T.: -0.009 min
Response: 59771
Conc: 47.44 ng/ml



#5 AR-1016-3

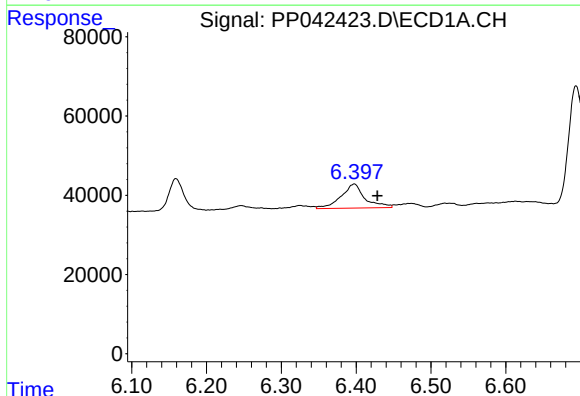
R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 11172
Conc: 27.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



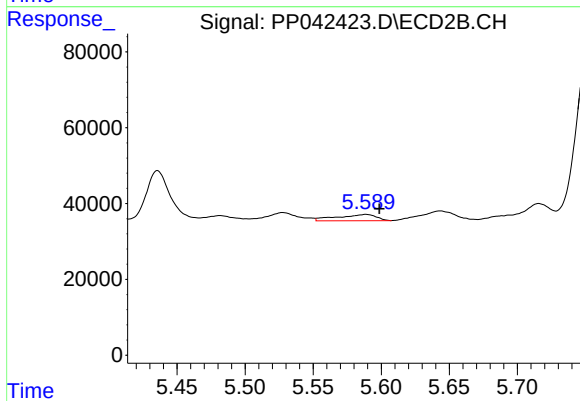
#5 AR-1016-3

R.T.: 5.528 min
Delta R.T.: -0.020 min
Response: 36121
Conc: 51.43 ng/ml



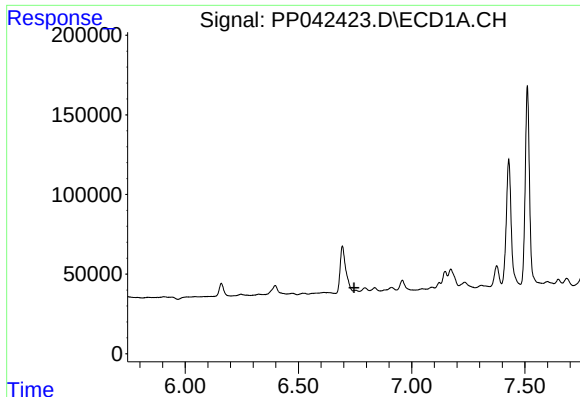
#6 AR-1016-4

R.T.: 6.398 min
Delta R.T.: -0.031 min
Response: 134058
Conc: 411.50 ng/ml



#6 AR-1016-4

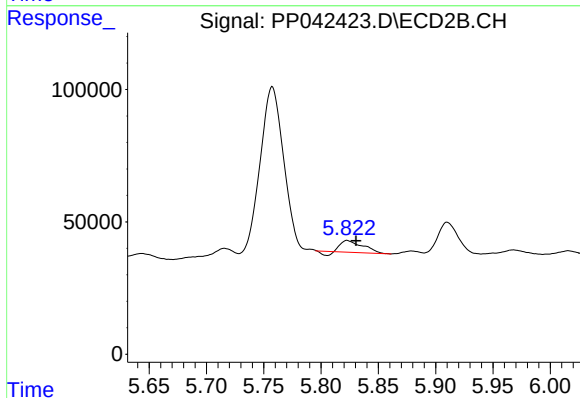
R.T.: 5.589 min
Delta R.T.: -0.010 min
Response: 33001
Conc: 60.77 ng/ml



#7 AR-1016-5

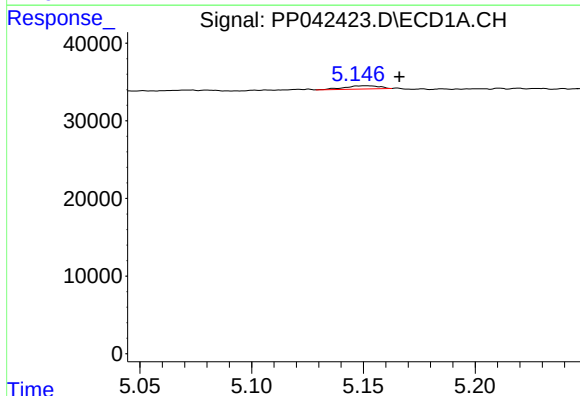
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



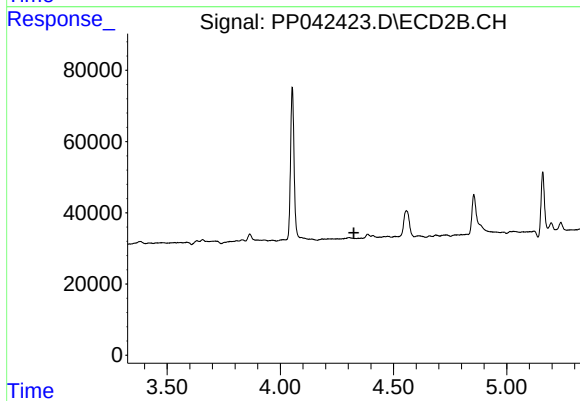
#7 AR-1016-5

R.T.: 5.823 min
Delta R.T.: -0.008 min
Response: 55130
Conc: 84.55 ng/ml



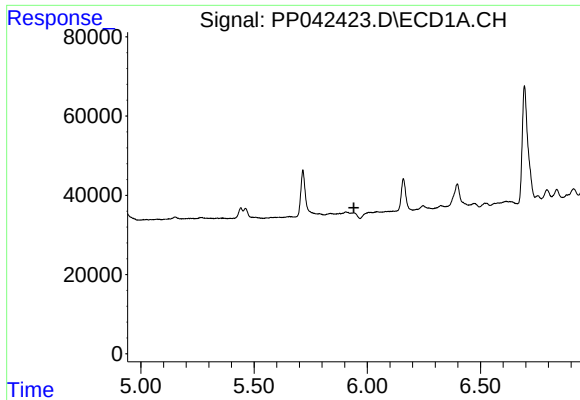
#8 AR-1221-1

R.T.: 5.151 min
Delta R.T.: -0.015 min
Response: 4391
Conc: 27.71 ng/ml



#8 AR-1221-1

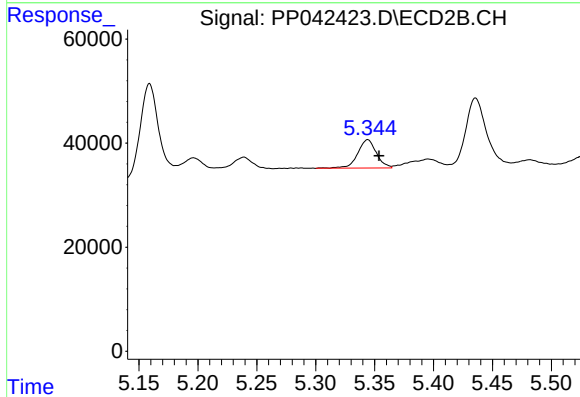
R.T.: 0.000 min
Exp R.T.: 4.325 min
Response: 0
Conc: N.D.



#12 AR-1232-2

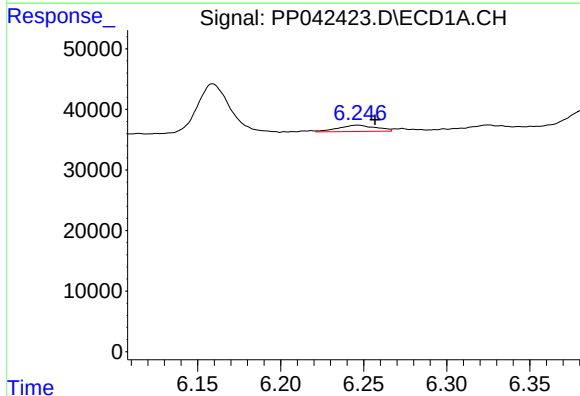
R.T.: 0.000 min
Exp R.T.: 5.940 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



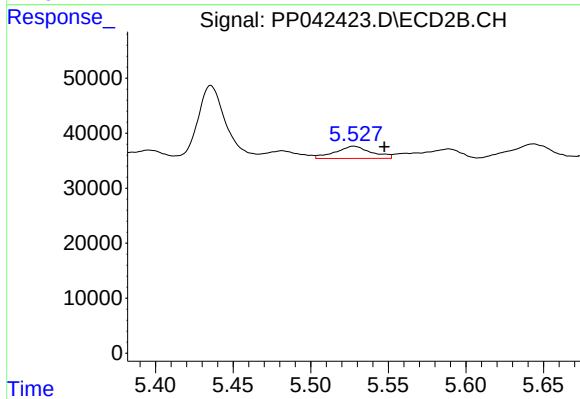
#12 AR-1232-2

R.T.: 5.344 min
Delta R.T.: -0.010 min
Response: 59771
Conc: 112.33 ng/ml



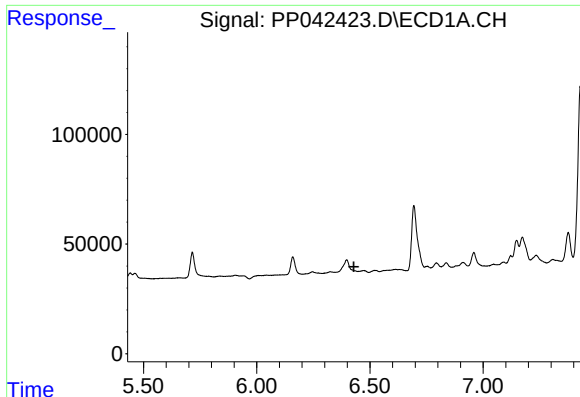
#13 AR-1232-3

R.T.: 6.247 min
Delta R.T.: -0.010 min
Response: 16262
Conc: 62.16 ng/ml



#13 AR-1232-3

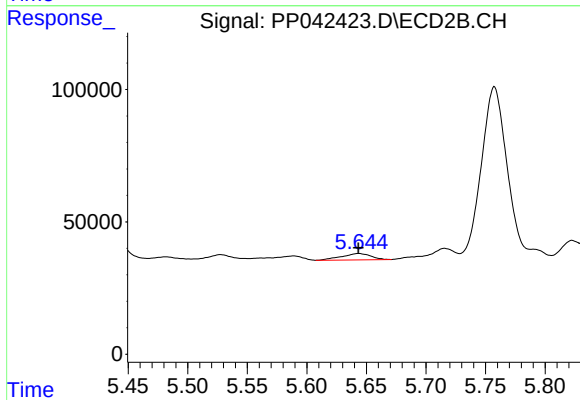
R.T.: 5.528 min
Delta R.T.: -0.020 min
Response: 36121
Conc: 126.20 ng/ml



#14 AR-1232-4

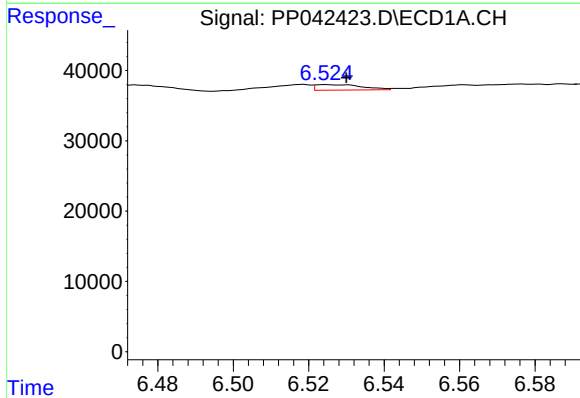
R.T.: 0.000 min
Exp R.T.: 6.429 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



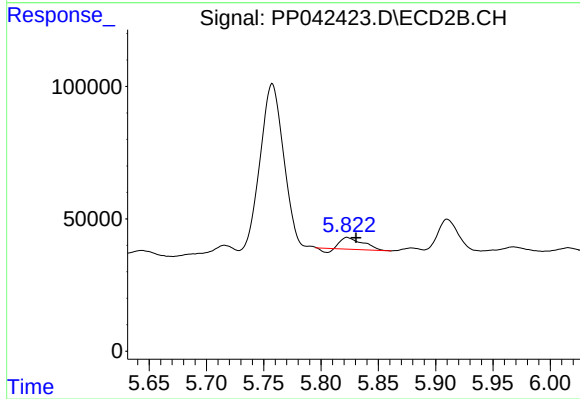
#14 AR-1232-4

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 40599
Conc: 168.32 ng/ml



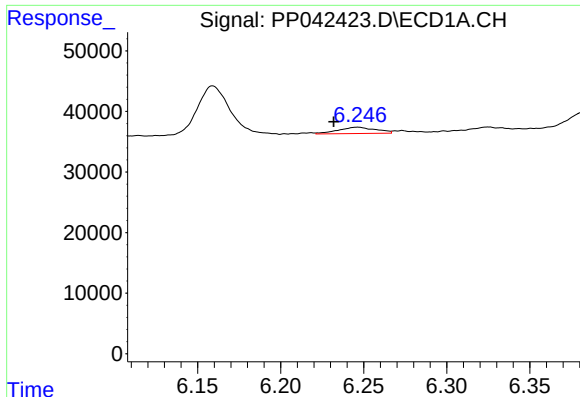
#15 AR-1232-5

R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 6712
Conc: 65.04 ng/ml



#15 AR-1232-5

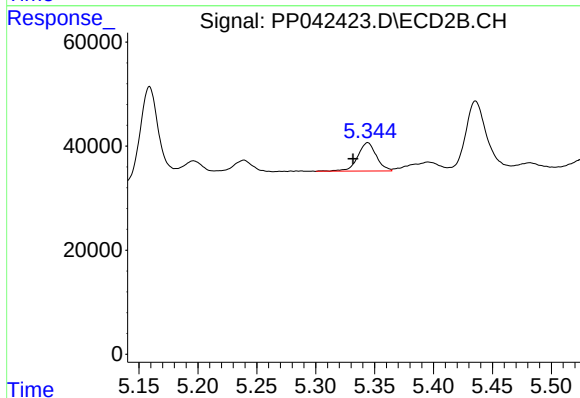
R.T.: 5.823 min
Delta R.T.: -0.008 min
Response: 55130
Conc: 227.05 ng/ml



#16 AR-1242-1

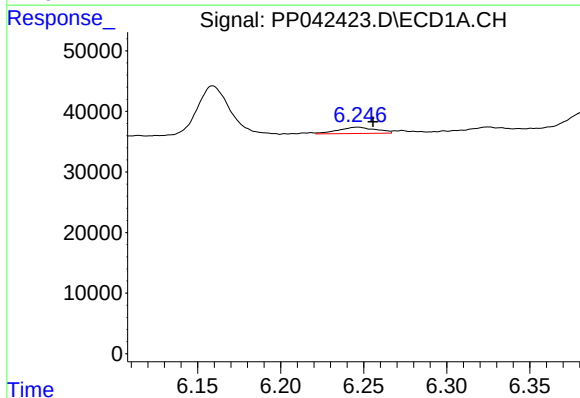
R.T.: 6.247 min
Delta R.T.: 0.014 min
Response: 16262
Conc: 49.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



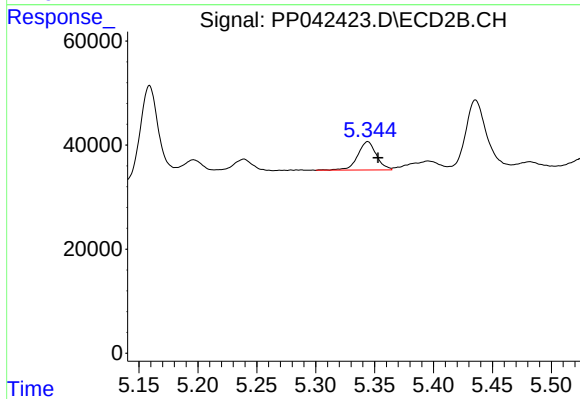
#16 AR-1242-1

R.T.: 5.344 min
Delta R.T.: 0.013 min
Response: 59771
Conc: 87.78 ng/ml



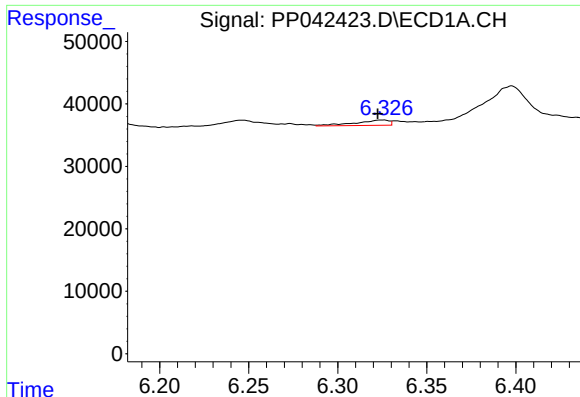
#17 AR-1242-2

R.T.: 6.247 min
Delta R.T.: -0.009 min
Response: 16262
Conc: 34.07 ng/ml



#17 AR-1242-2

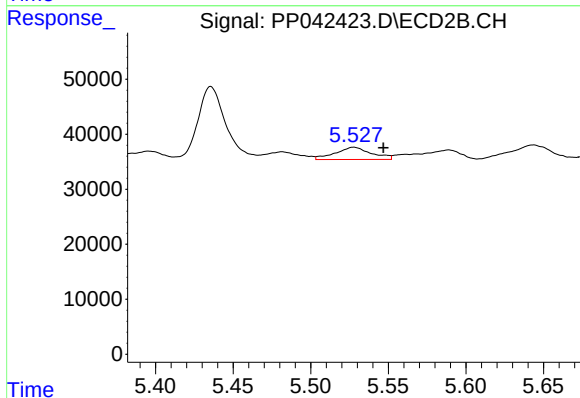
R.T.: 5.344 min
Delta R.T.: -0.009 min
Response: 59771
Conc: 64.18 ng/ml



#18 AR-1242-3

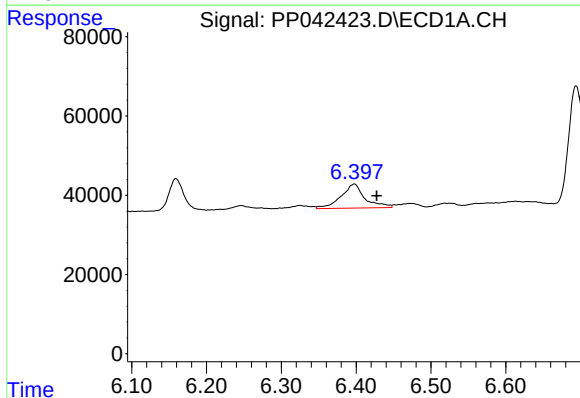
R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 11172
Conc: 37.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



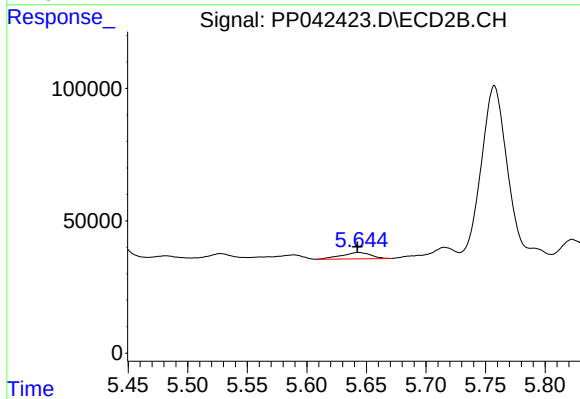
#18 AR-1242-3

R.T.: 5.528 min
Delta R.T.: -0.019 min
Response: 36121
Conc: 68.35 ng/ml



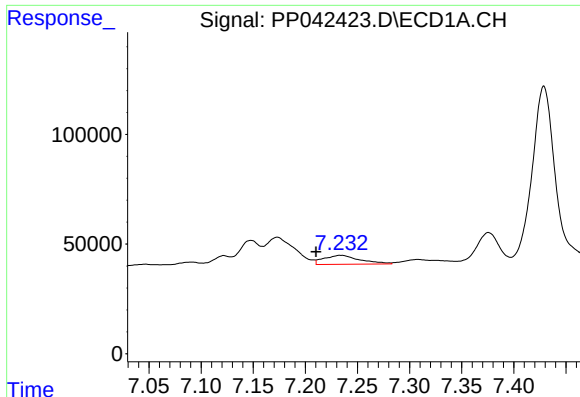
#19 AR-1242-4

R.T.: 6.398 min
Delta R.T.: -0.030 min
Response: 134058
Conc: 547.16 ng/ml



#19 AR-1242-4

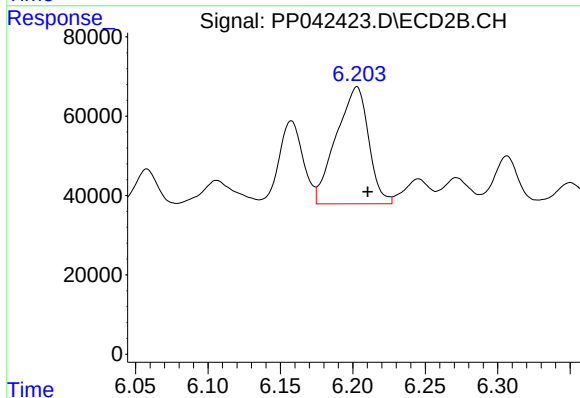
R.T.: 5.644 min
Delta R.T.: 0.001 min
Response: 40599
Conc: 80.24 ng/ml



#20 AR-1242-5

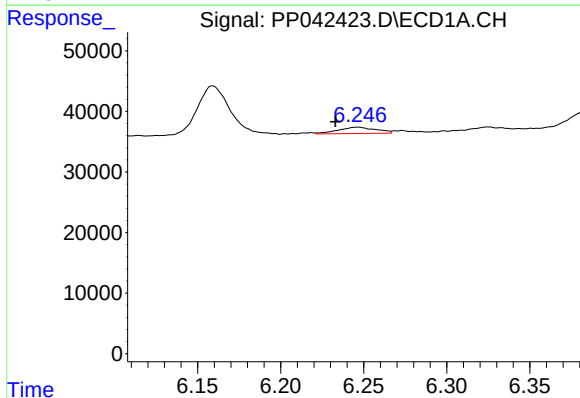
R.T.: 7.233 min
Delta R.T.: 0.023 min
Response: 96477
Conc: 370.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



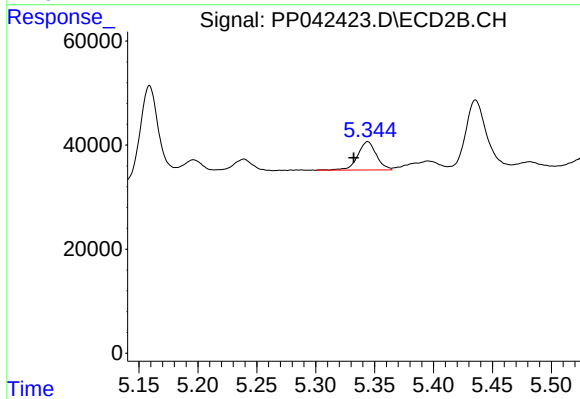
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 460277
Conc: 776.45 ng/ml



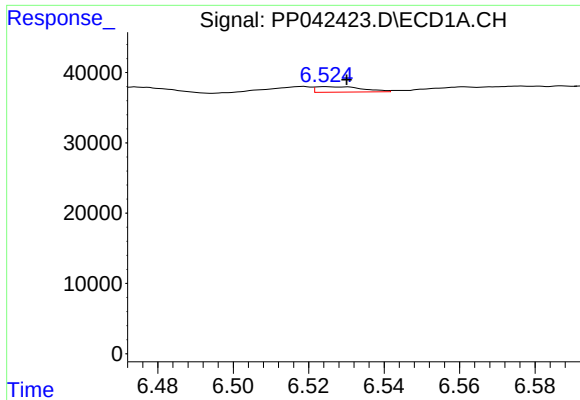
#21 AR-1248-1

R.T.: 6.247 min
Delta R.T.: 0.013 min
Response: 16262
Conc: 64.96 ng/ml



#21 AR-1248-1

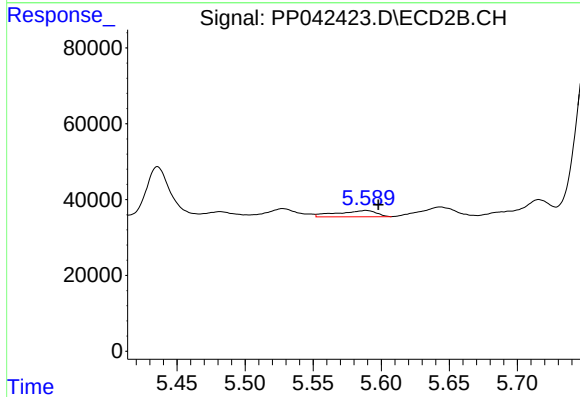
R.T.: 5.344 min
Delta R.T.: 0.012 min
Response: 59771
Conc: 115.05 ng/ml



#22 AR-1248-2

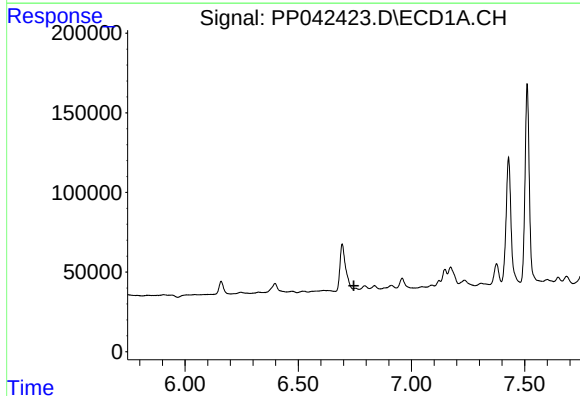
R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 6712
Conc: 19.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



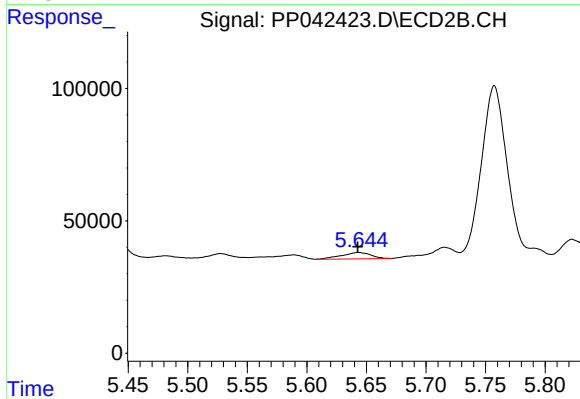
#22 AR-1248-2

R.T.: 5.589 min
Delta R.T.: -0.009 min
Response: 33001
Conc: 46.86 ng/ml



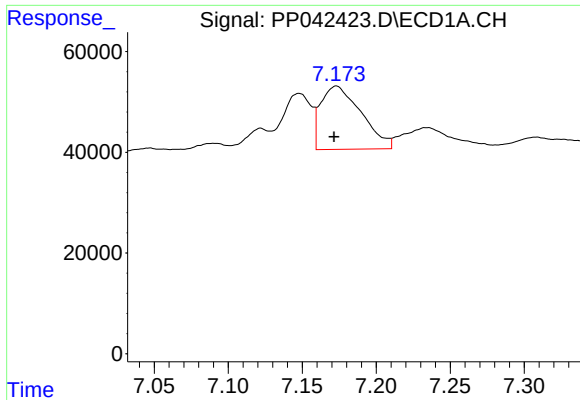
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.746 min
Response: 0
Conc: N.D.



#23 AR-1248-3

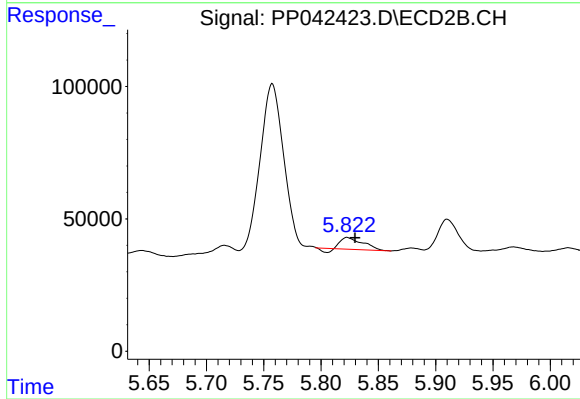
R.T.: 5.644 min
Delta R.T.: 0.001 min
Response: 40599
Conc: 54.71 ng/ml



#24 AR-1248-4

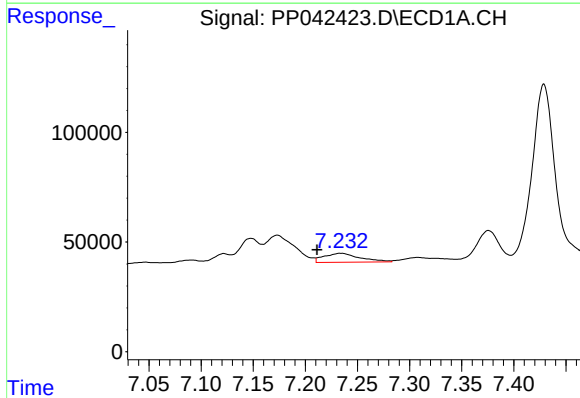
R.T.: 7.173 min
Delta R.T.: 0.002 min
Response: 238657
Conc: 526.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



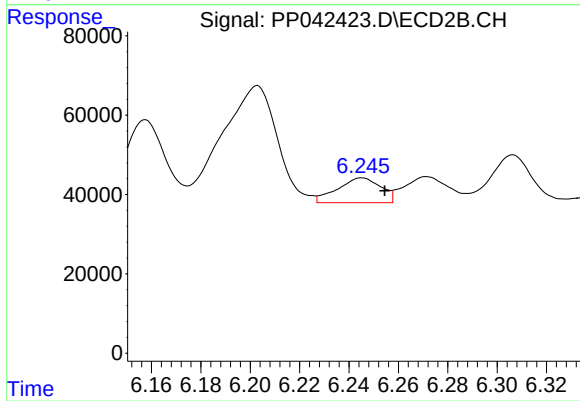
#24 AR-1248-4

R.T.: 5.823 min
Delta R.T.: -0.007 min
Response: 55130
Conc: 65.48 ng/ml



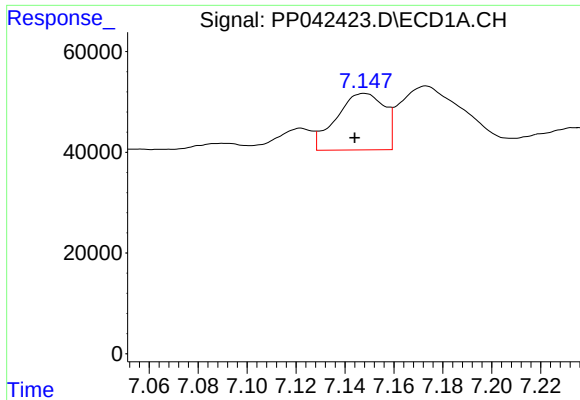
#25 AR-1248-5

R.T.: 7.233 min
Delta R.T.: 0.022 min
Response: 96477
Conc: 216.38 ng/ml



#25 AR-1248-5

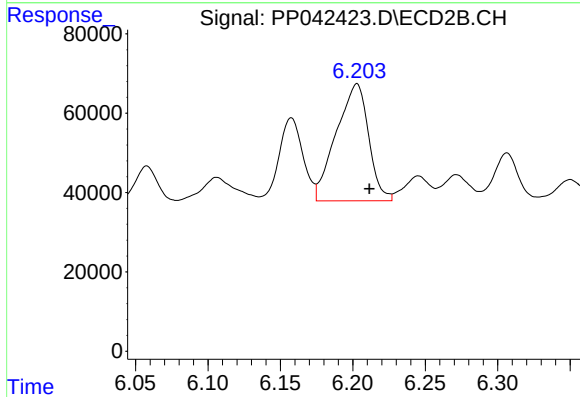
R.T.: 6.245 min
Delta R.T.: -0.009 min
Response: 76310
Conc: 92.13 ng/ml



#26 AR-1254-1

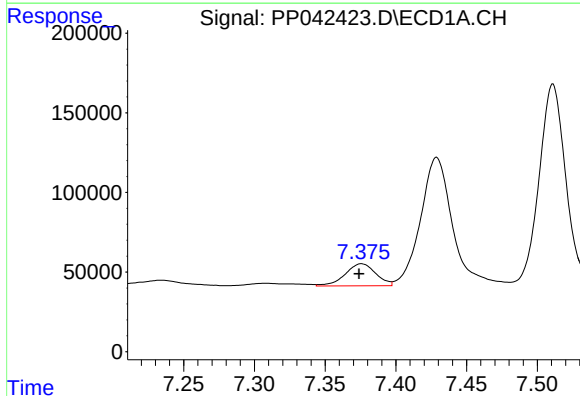
R.T.: 7.148 min
Delta R.T.: 0.004 min
Response: 153613
Conc: 308.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



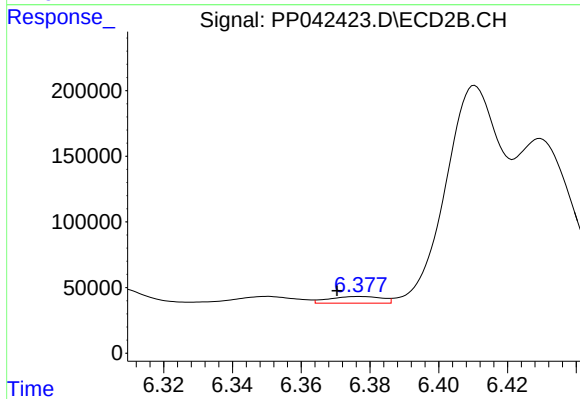
#26 AR-1254-1

R.T.: 6.203 min
Delta R.T.: -0.009 min
Response: 460277
Conc: 367.99 ng/ml



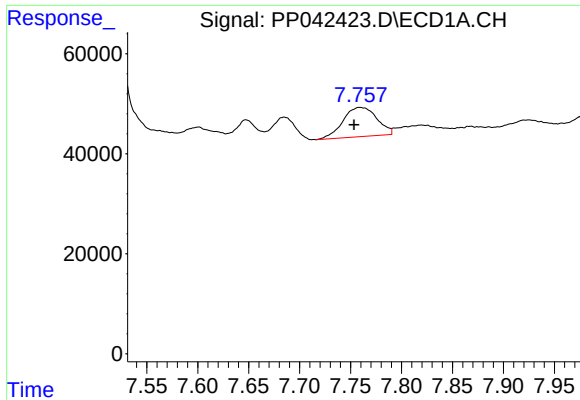
#27 AR-1254-2

R.T.: 7.376 min
Delta R.T.: 0.002 min
Response: 208871
Conc: 272.45 ng/ml



#27 AR-1254-2

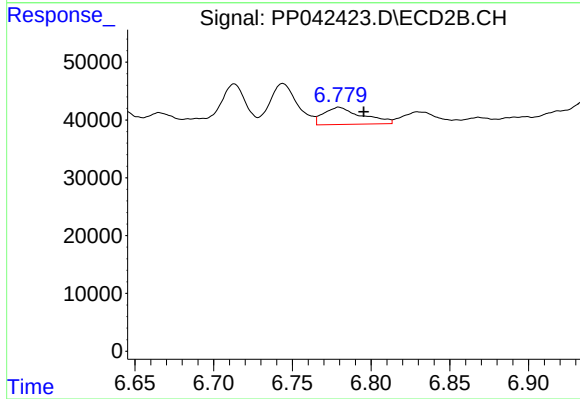
R.T.: 6.377 min
Delta R.T.: 0.007 min
Response: 54480
Conc: 50.06 ng/ml



#28 AR-1254-3

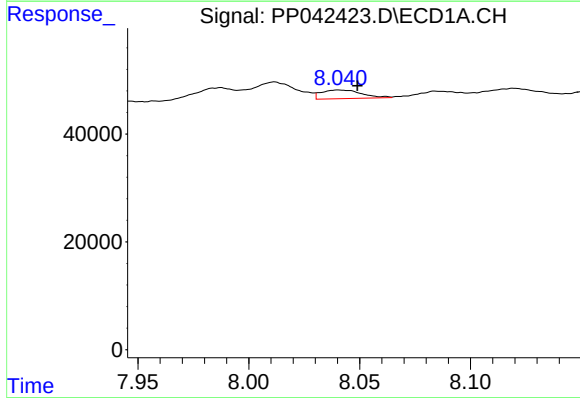
R.T.: 7.759 min
Delta R.T.: 0.005 min
Response: 135789
Conc: 175.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



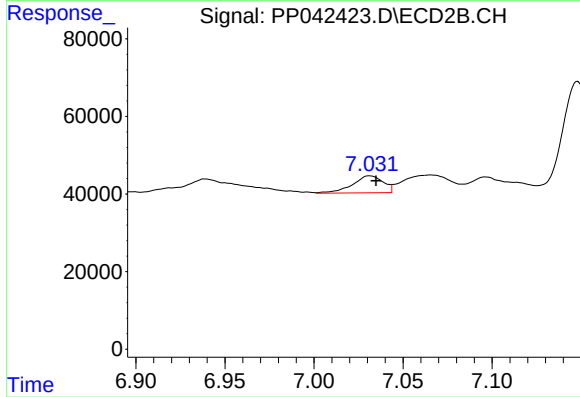
#28 AR-1254-3

R.T.: 6.780 min
Delta R.T.: -0.016 min
Response: 50647
Conc: 30.49 ng/ml



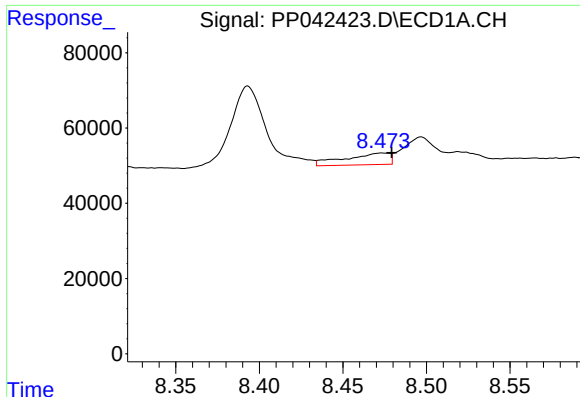
#29 AR-1254-4

R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 20198
Conc: 36.30 ng/ml



#29 AR-1254-4

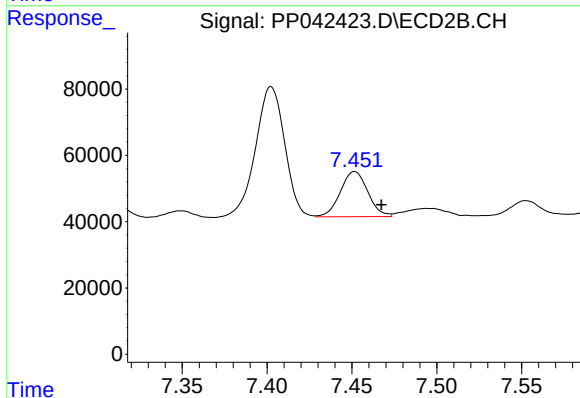
R.T.: 7.031 min
Delta R.T.: -0.004 min
Response: 52653
Conc: 53.97 ng/ml



#30 AR-1254-5

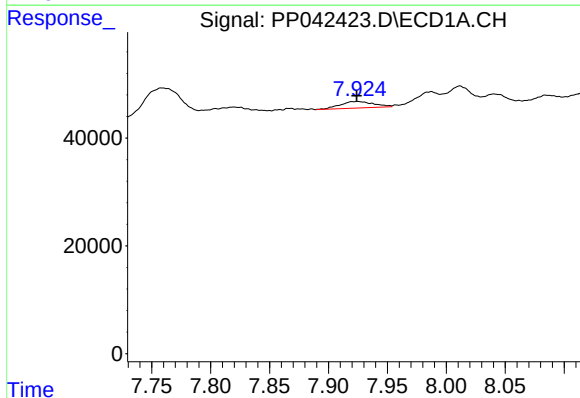
R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 57479
Conc: 91.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



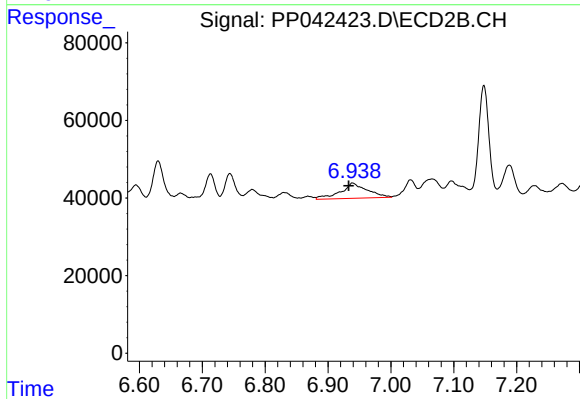
#30 AR-1254-5

R.T.: 7.452 min
Delta R.T.: -0.016 min
Response: 153404
Conc: 119.71 ng/ml



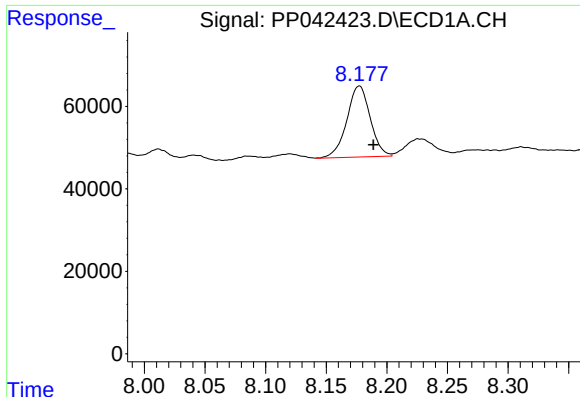
#31 AR-1260-1

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 23858
Conc: 40.26 ng/ml



#31 AR-1260-1

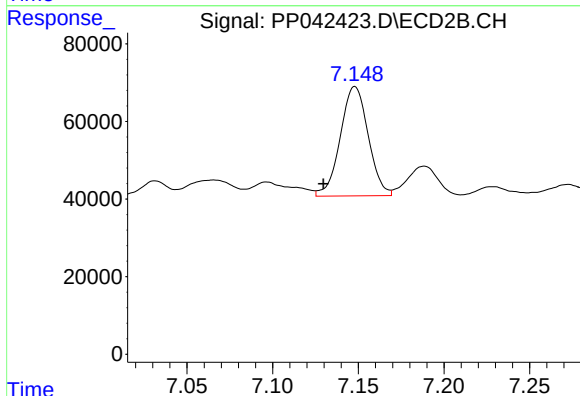
R.T.: 6.939 min
Delta R.T.: 0.006 min
Response: 116330
Conc: 109.46 ng/ml



#32 AR-1260-2

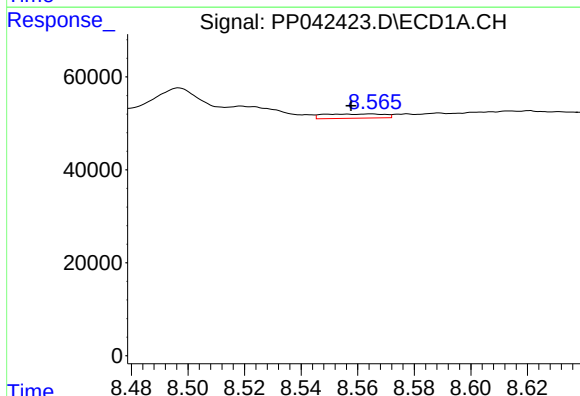
R.T.: 8.177 min
Delta R.T.: -0.011 min
Response: 231621
Conc: 299.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



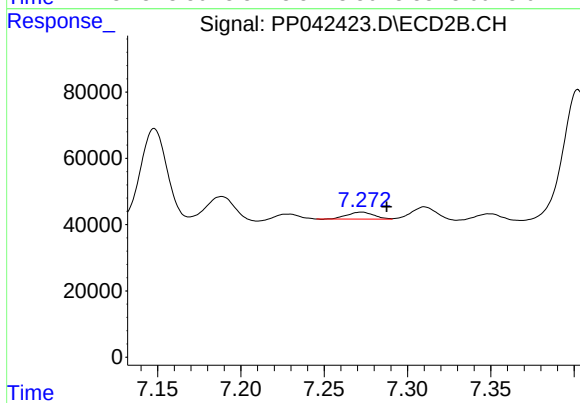
#32 AR-1260-2

R.T.: 7.148 min
Delta R.T.: 0.018 min
Response: 319618
Conc: 258.91 ng/ml



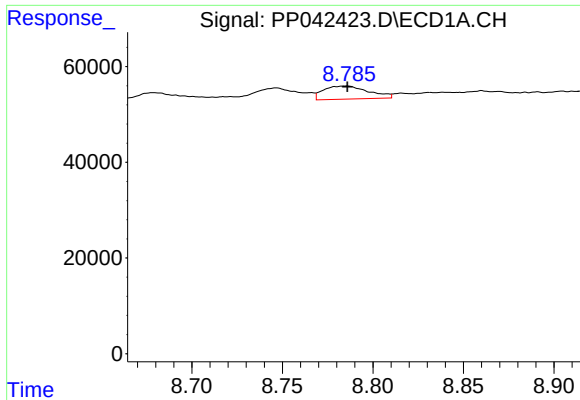
#33 AR-1260-3

R.T.: 8.565 min
Delta R.T.: 0.007 min
Response: 13579
Conc: 26.25 ng/ml



#33 AR-1260-3

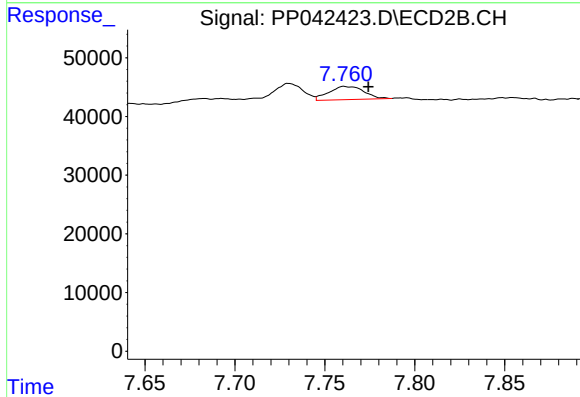
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 23254
Conc: 17.35 ng/ml



#34 AR-1260-4

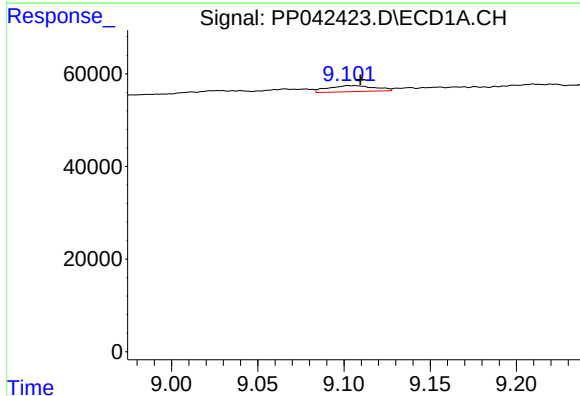
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 47668
Conc: 82.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



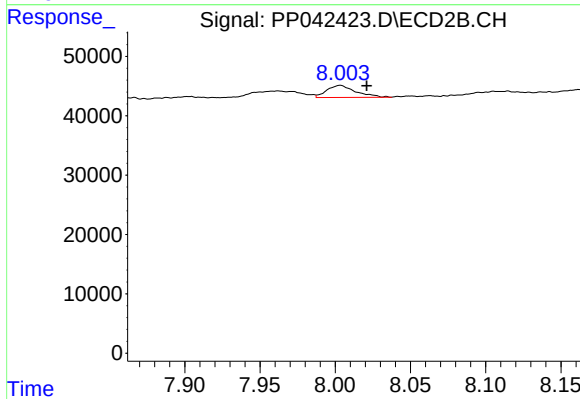
#34 AR-1260-4

R.T.: 7.761 min
Delta R.T.: -0.013 min
Response: 30487
Conc: 34.14 ng/ml



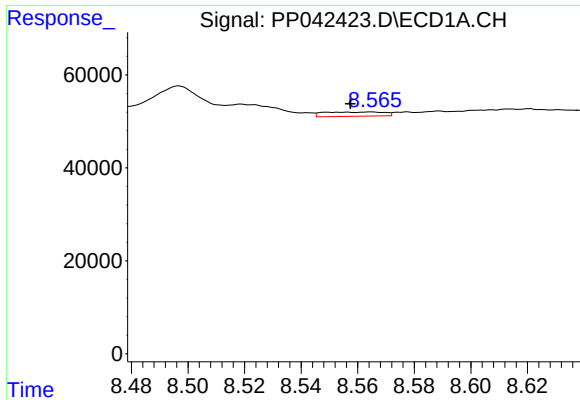
#35 AR-1260-5

R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 24705
Conc: 21.11 ng/ml



#35 AR-1260-5

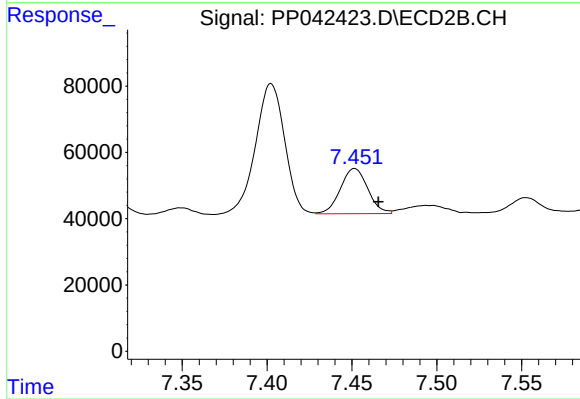
R.T.: 8.003 min
Delta R.T.: -0.018 min
Response: 27251
Conc: 14.16 ng/ml



#36 AR-1262-1

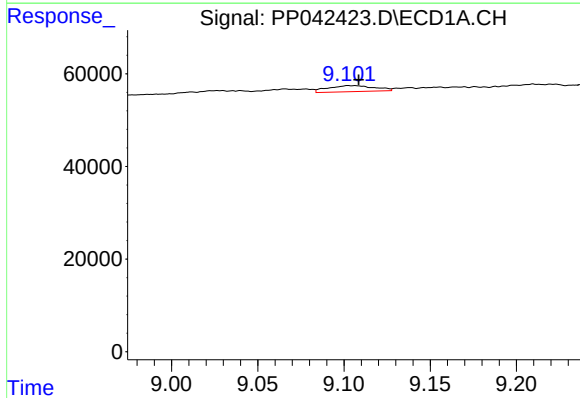
R.T.: 8.565 min
Delta R.T.: 0.007 min
Response: 13579
Conc: 17.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



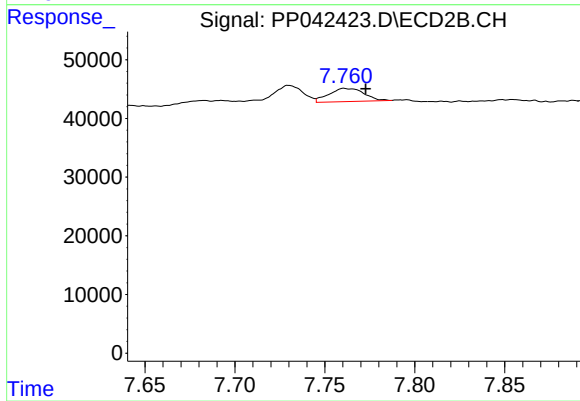
#36 AR-1262-1

R.T.: 7.452 min
Delta R.T.: -0.014 min
Response: 153404
Conc: 230.56 ng/ml



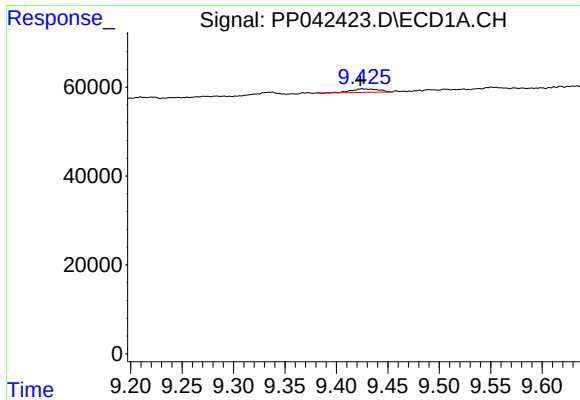
#37 AR-1262-2

R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 24705
Conc: 20.16 ng/ml



#37 AR-1262-2

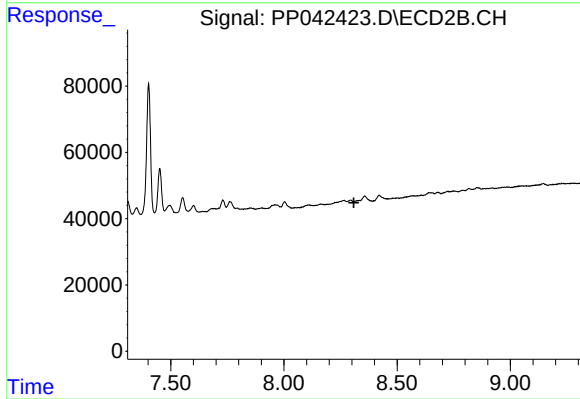
R.T.: 7.761 min
Delta R.T.: -0.012 min
Response: 30487
Conc: 28.11 ng/ml



#38 AR-1262-3

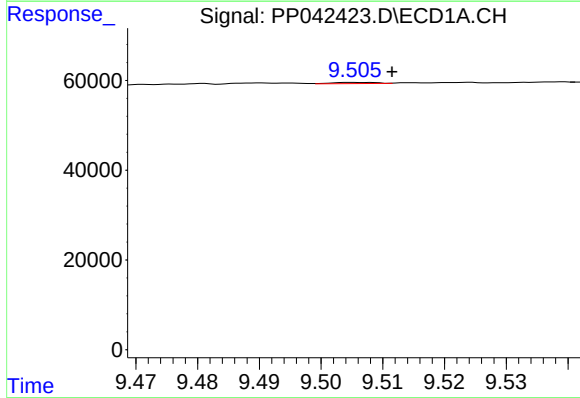
R.T.: 9.425 min
Delta R.T.: 0.001 min
Response: 14098
Conc: 28.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



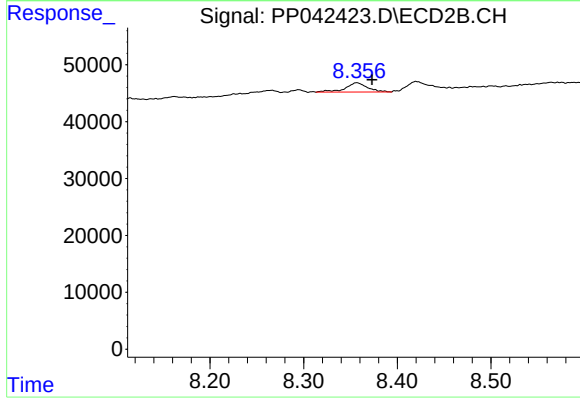
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.309 min
Response: 0
Conc: N.D.



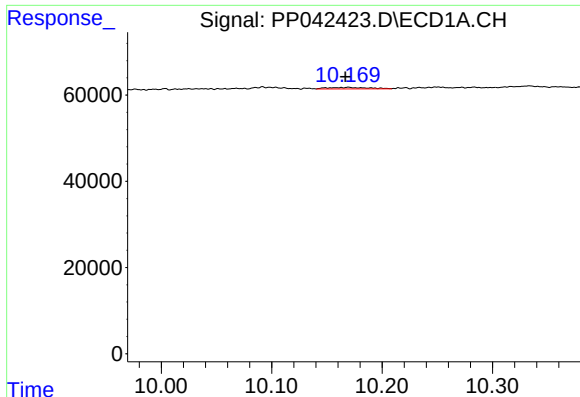
#39 AR-1262-4

R.T.: 9.506 min
Delta R.T.: -0.006 min
Response: 1310
Conc: 3.56 ng/ml



#39 AR-1262-4

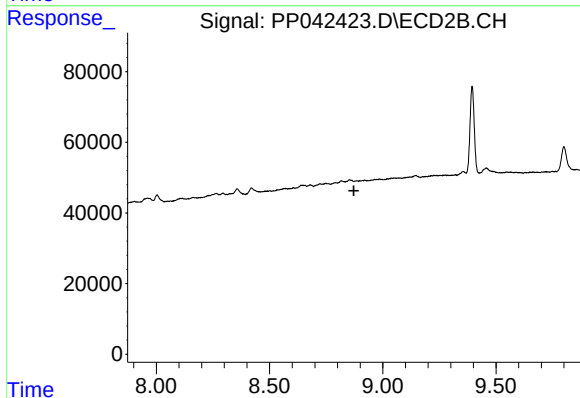
R.T.: 8.357 min
Delta R.T.: -0.016 min
Response: 26430
Conc: 17.35 ng/ml



#40 AR-1262-5

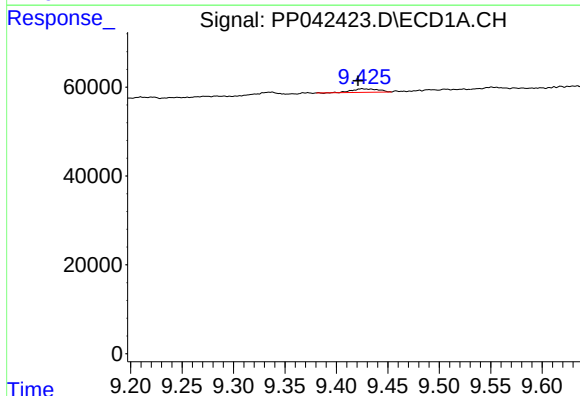
R.T.: 10.170 min
Delta R.T.: 0.003 min
Response: 8904
Conc: 19.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



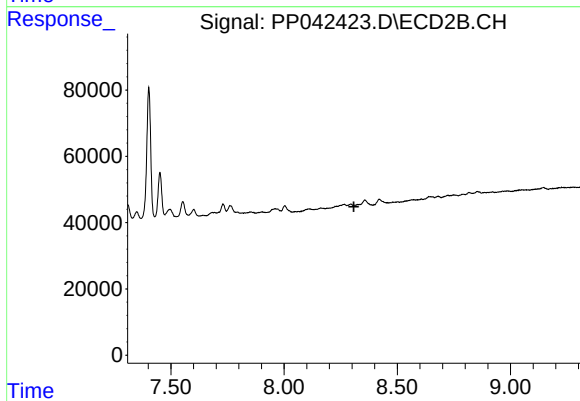
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.872 min
Response: 0
Conc: N.D.



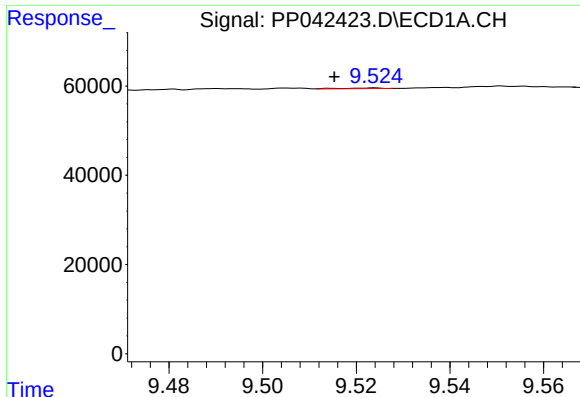
#41 AR-1268-1

R.T.: 9.425 min
Delta R.T.: 0.004 min
Response: 14098
Conc: 9.30 ng/ml



#41 AR-1268-1

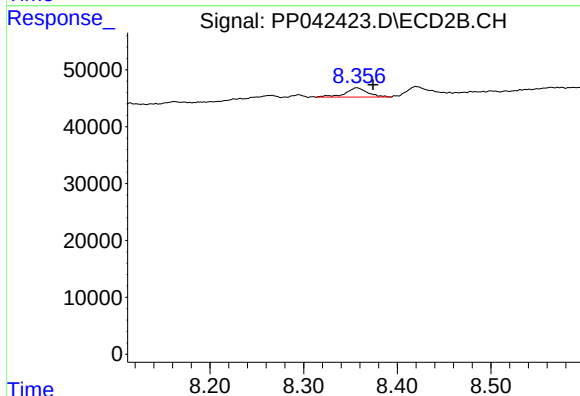
R.T.: 0.000 min
Exp R.T. : 8.308 min
Response: 0
Conc: N.D.



#42 AR-1268-2

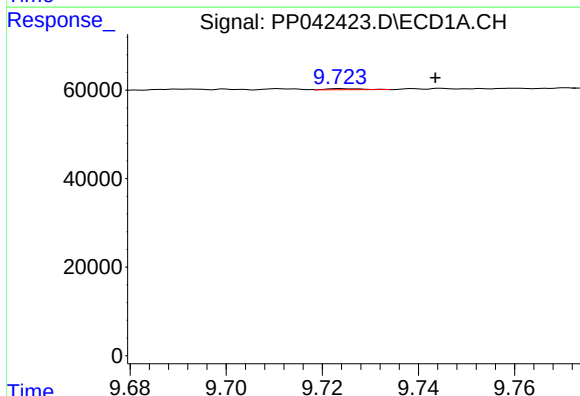
R.T.: 9.524 min
Delta R.T.: 0.008 min
Response: 903
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



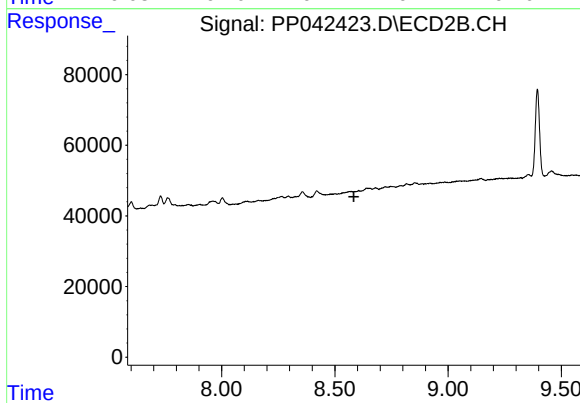
#42 AR-1268-2

R.T.: 8.357 min
Delta R.T.: -0.017 min
Response: 26430
Conc: 12.11 ng/ml



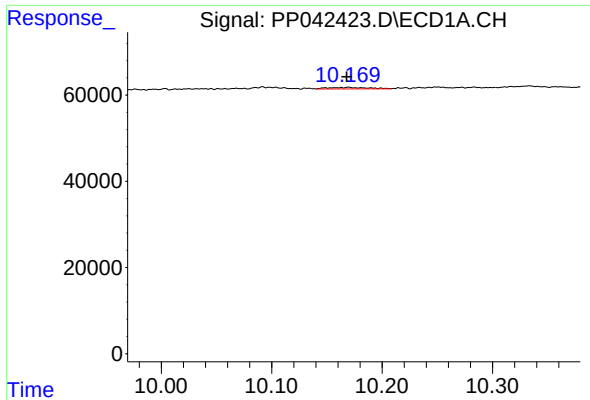
#43 AR-1268-3

R.T.: 9.724 min
Delta R.T.: -0.019 min
Response: 1278
Conc: 0.99 ng/ml



#43 AR-1268-3

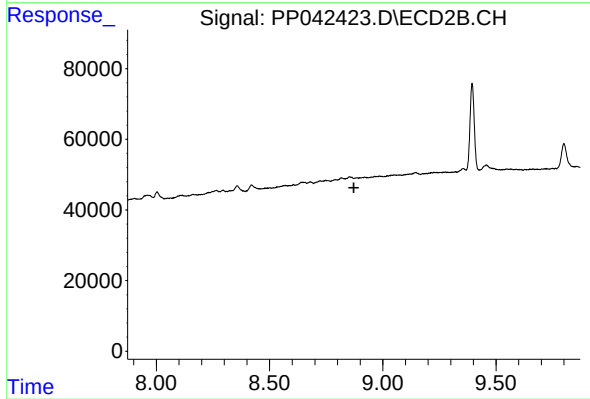
R.T.: 0.000 min
Exp R.T. : 8.584 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 10.170 min
Delta R.T.: 0.002 min
Response: 8904
Conc: 17.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.872 min
Response: 0
Conc: N.D.