

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122821\
 Data File : PP042304.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Dec 2021 00:17
 Operator : AJ\MA
 Sample : M5244-28
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:40:34 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...	4.921	4.059	423126	727973	32.226	31.873
2)	SA Decachlor...	10.919	9.405	490104	1222922	40.238	75.621 #
Target Compounds							
3)	L1 AR-1016-1	6.233	5.327	22937	20382	51.603	22.234 #
4)	L1 AR-1016-2	6.253	5.348	34196	39493	51.697	31.344 #
5)	L1 AR-1016-3	6.323	5.542	24376	18319	59.761	26.085 #
6)	L1 AR-1016-4	6.425	5.591	35947	31662	110.343	58.306 #
7)	L1 AR-1016-5	6.744	5.824	8836	15091	25.746	23.146
9)	L2 AR-1221-2	5.269	4.417	3351	9548	29.716	44.978 #
10)	L2 AR-1221-3	0.000	4.510	0	14503	N.D.	20.852 #
11)	L3 AR-1232-1	0.000	4.510	0	14503	N.D.	24.807 #
12)	L3 AR-1232-2	5.912f	5.348	78894	39493	532.193	74.218 #
13)	L3 AR-1232-3	6.253	5.542	34196	18319	130.700	64.001 #
14)	L3 AR-1232-4	6.425	5.636	35947	32284	274.264	133.847 #
15)	L3 AR-1232-5	6.528	5.824	40965	15091	396.985	62.154 #
16)	L4 AR-1242-1	6.233	5.327	22937	20382	70.345	29.933 #
17)	L4 AR-1242-2	6.253	5.348	34196	39493	71.649	42.404 #
18)	L4 AR-1242-3	6.323	5.542	24376	18319	81.387	34.665 #
19)	L4 AR-1242-4	6.425	5.636	35947	32284	146.721	63.807 #
20)	L4 AR-1242-5	7.213	6.207	15006	54824	57.696	92.484 #
21)	L5 AR-1248-1	6.233	5.327	22937	20382	91.620	39.232 #
22)	L5 AR-1248-2	6.528	5.591	40965	31662	115.989	44.961 #
23)	L5 AR-1248-3	6.744	5.636	8836	32284	21.011	43.507 #
24)	L5 AR-1248-4	7.170	5.824	17435	15091	38.452	17.926 #
25)	L5 AR-1248-5	7.213	6.249	15006	13211	33.656	15.949 #
26)	L6 AR-1254-1	7.145	6.207	24934	54824	50.015	43.832
27)	L6 AR-1254-2	7.351f	6.365	161934	20533	211.226	18.868 #
28)	L6 AR-1254-3	7.752	6.789	23776	34253	30.815	20.617 #
29)	L6 AR-1254-4	8.050	7.029	11530	17314	20.722	17.748
30)	L6 AR-1254-5	8.477	7.461	23322	50759	37.244	39.611
31)	L7 AR-1260-1	7.923	6.925	9378	26812	15.824	25.229 #
32)	L7 AR-1260-2	8.187	7.125	25765	38513	33.369	31.197
33)	L7 AR-1260-3	8.558	7.282	7709	22459	14.902	16.761
34)	L7 AR-1260-4	8.783	7.765	8252	16792	14.251	18.805 #
35)	L7 AR-1260-5	9.110	8.014	22973	45528	19.634	23.657
36)	L8 AR-1262-1	8.558	7.461	7709	50759	10.045	76.288 #
37)	L8 AR-1262-2	9.110	7.765	22973	16792	18.744	15.482
38)	L8 AR-1262-3	9.423	8.297	2653	24038	5.396	31.551 #
39)	L8 AR-1262-4	9.512	0.000	29053	0	78.831	N.D. #
40)	L8 AR-1262-5	10.170	0.000	748	0	1.634	N.D. #
41)	L9 AR-1268-1	9.423	8.297	2653	24038	1.750	10.623 #
42)	L9 AR-1268-2	9.512	0.000	29053	0	20.474	N.D. #

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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
43) L9	AR-1268-3	9.727f	0.000	1199	0	0.932	N.D. #
44) L9	AR-1268-4	10.170	0.000	748	0	1.444	N.D. #
45) L9	AR-1268-5	0.000	9.137f	0	83871	N.D.	14.695 #

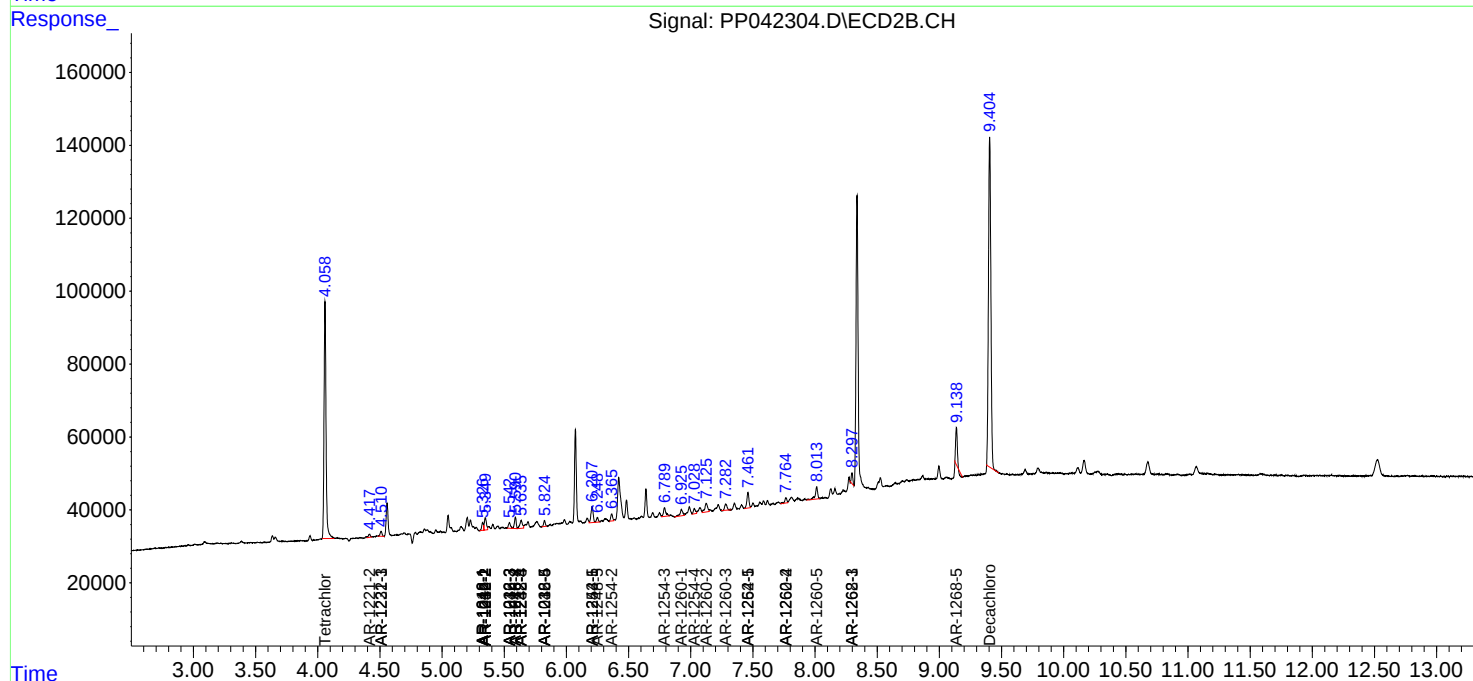
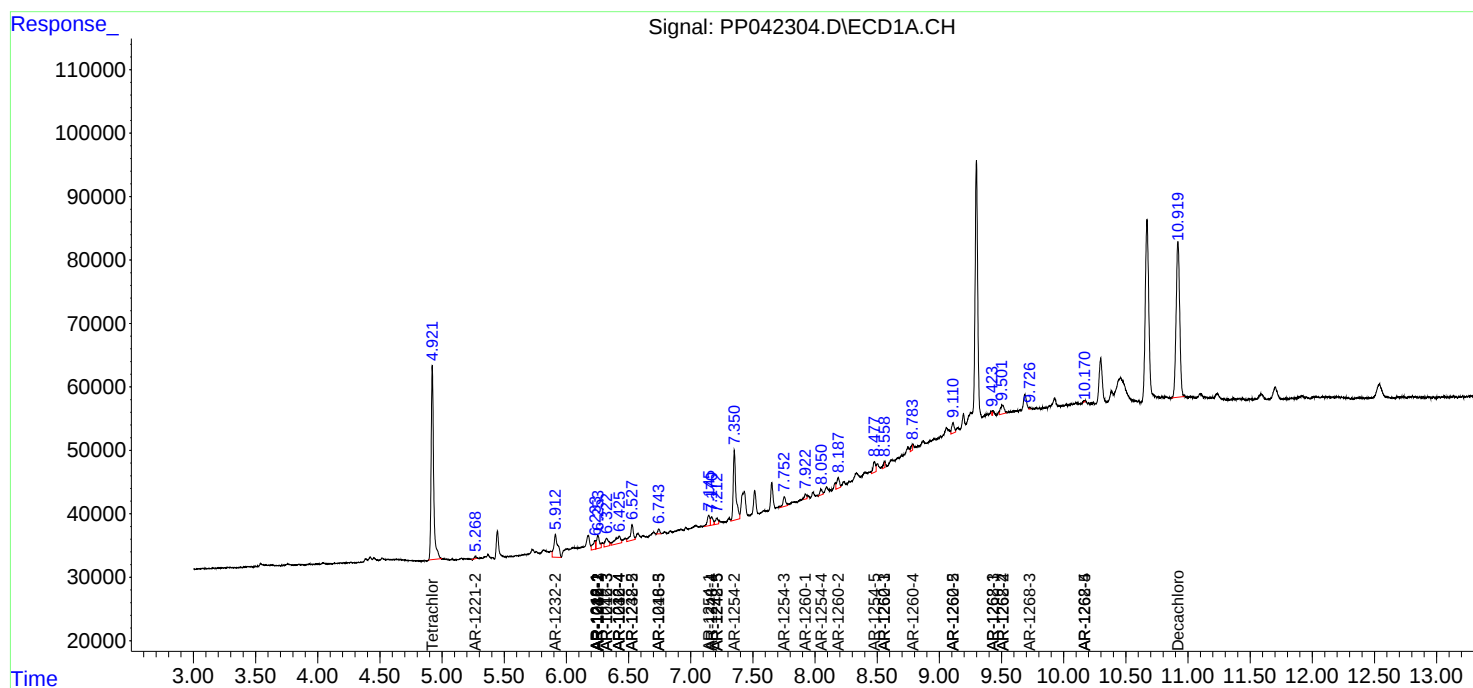
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

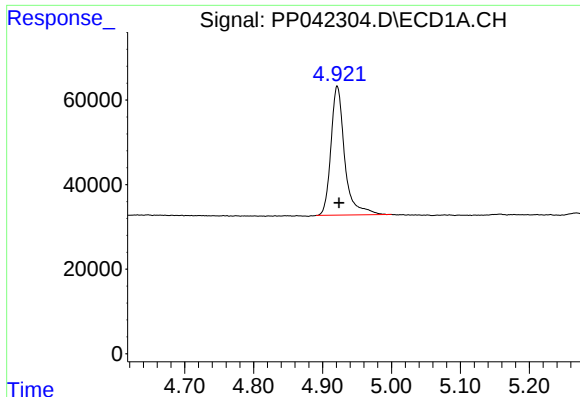
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

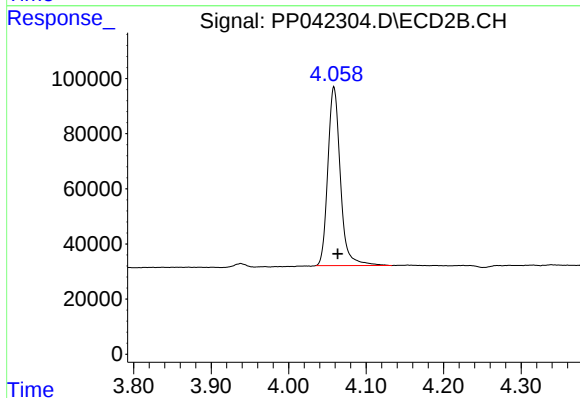




#1 Tetrachloro-m-xylene

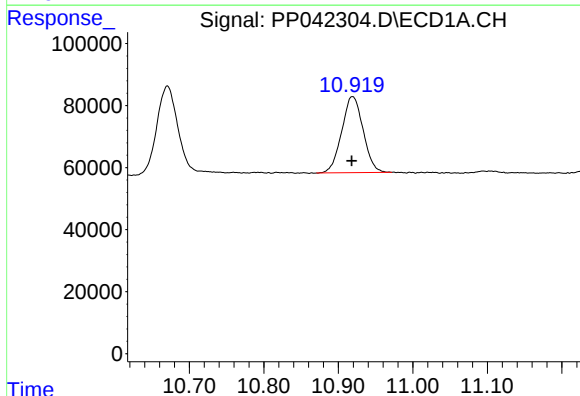
R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 423126
Conc: 32.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



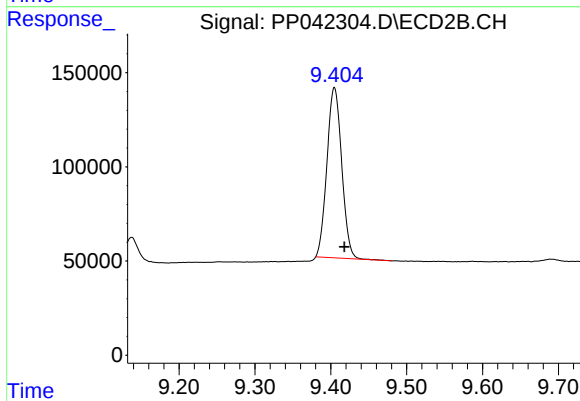
#1 Tetrachloro-m-xylene

R.T.: 4.059 min
Delta R.T.: -0.005 min
Response: 727973
Conc: 31.87 ng/ml



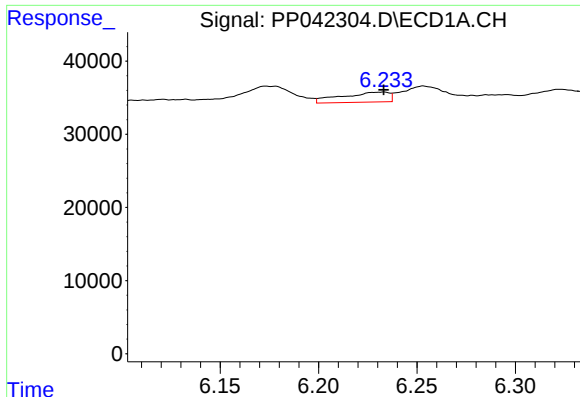
#2 Decachlorobiphenyl

R.T.: 10.919 min
Delta R.T.: 0.000 min
Response: 490104
Conc: 40.24 ng/ml



#2 Decachlorobiphenyl

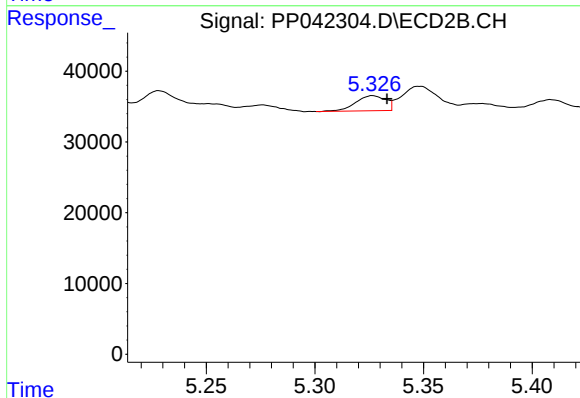
R.T.: 9.405 min
Delta R.T.: -0.013 min
Response: 1222922
Conc: 75.62 ng/ml



#3 AR-1016-1

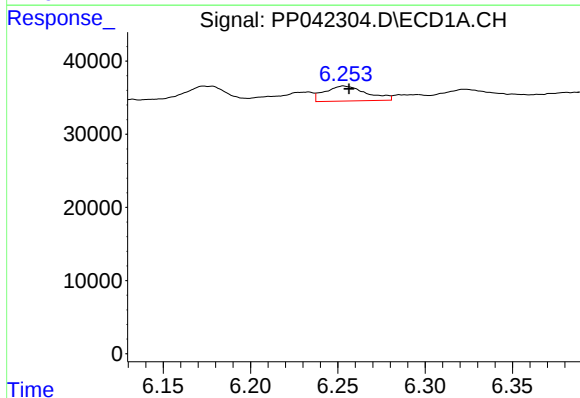
R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 22937
Conc: 51.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



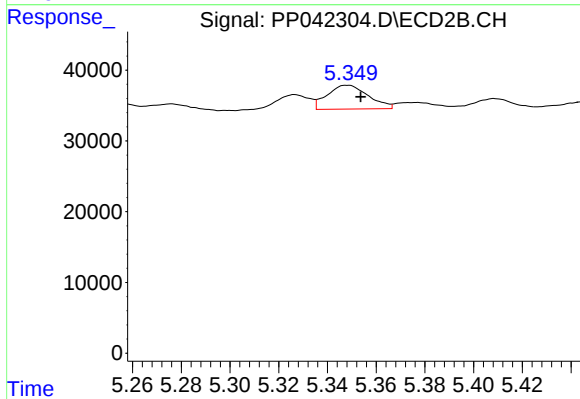
#3 AR-1016-1

R.T.: 5.327 min
Delta R.T.: -0.007 min
Response: 20382
Conc: 22.23 ng/ml



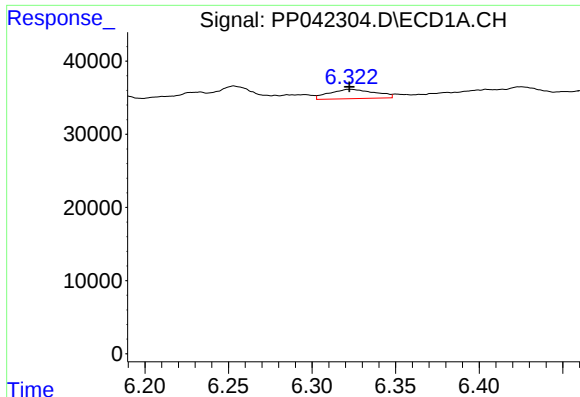
#4 AR-1016-2

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 34196
Conc: 51.70 ng/ml



#4 AR-1016-2

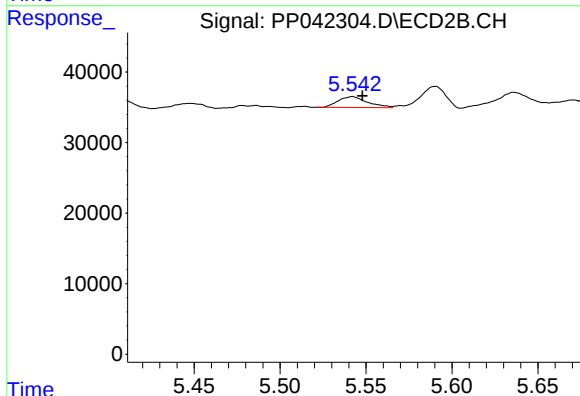
R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 39493
Conc: 31.34 ng/ml



#5 AR-1016-3

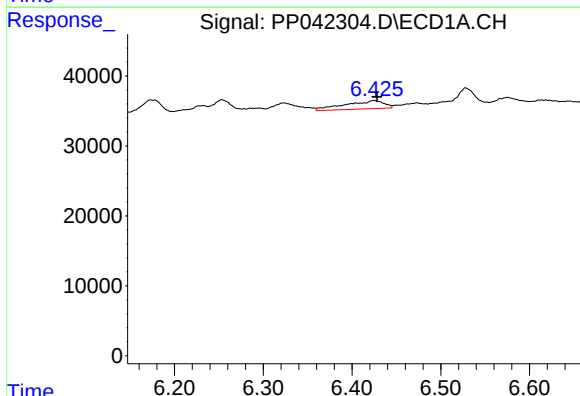
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 24376
Conc: 59.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



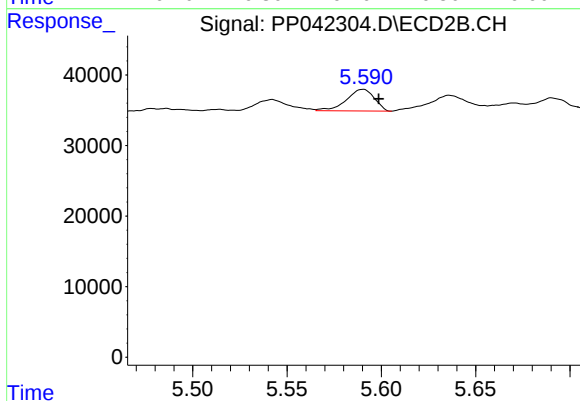
#5 AR-1016-3

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 18319
Conc: 26.08 ng/ml



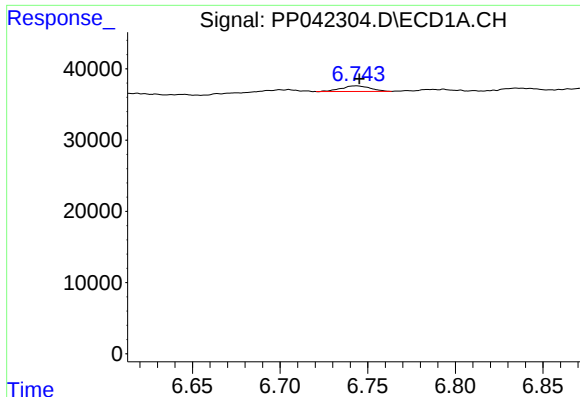
#6 AR-1016-4

R.T.: 6.425 min
Delta R.T.: -0.003 min
Response: 35947
Conc: 110.34 ng/ml



#6 AR-1016-4

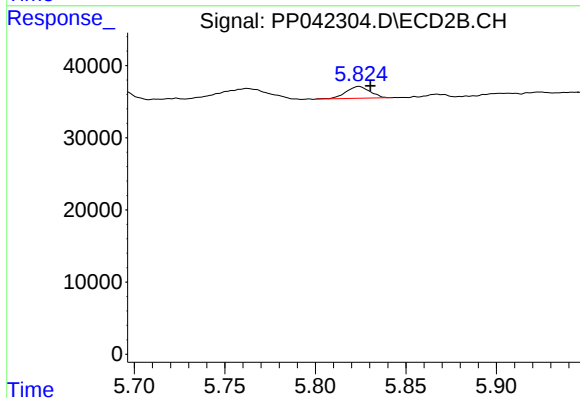
R.T.: 5.591 min
Delta R.T.: -0.008 min
Response: 31662
Conc: 58.31 ng/ml



#7 AR-1016-5

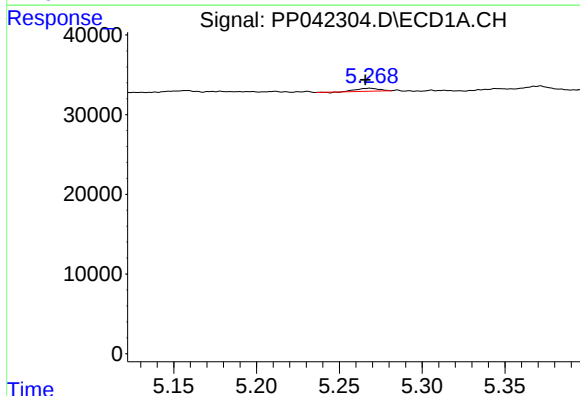
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 8836
Conc: 25.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



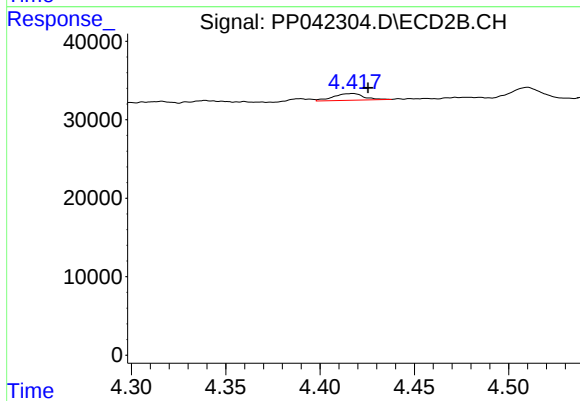
#7 AR-1016-5

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 15091
Conc: 23.15 ng/ml



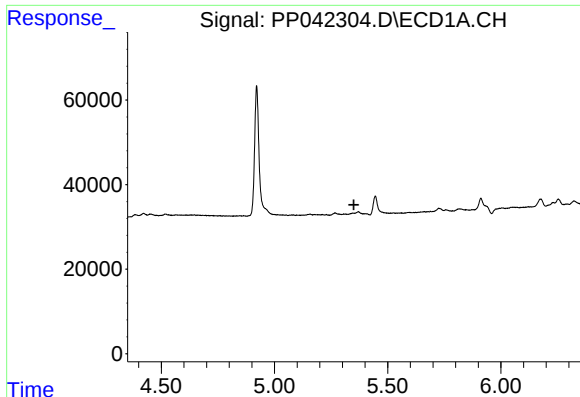
#9 AR-1221-2

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 3351
Conc: 29.72 ng/ml



#9 AR-1221-2

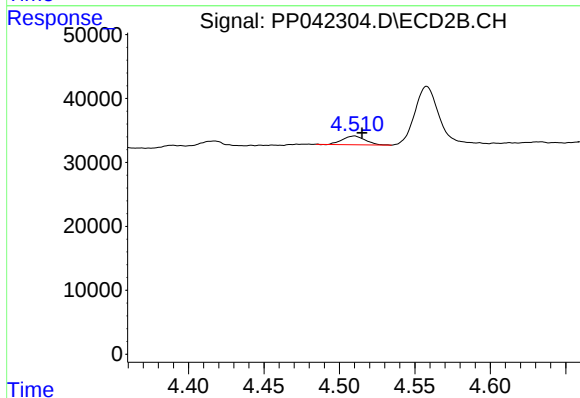
R.T.: 4.417 min
Delta R.T.: -0.008 min
Response: 9548
Conc: 44.98 ng/ml



#10 AR-1221-3

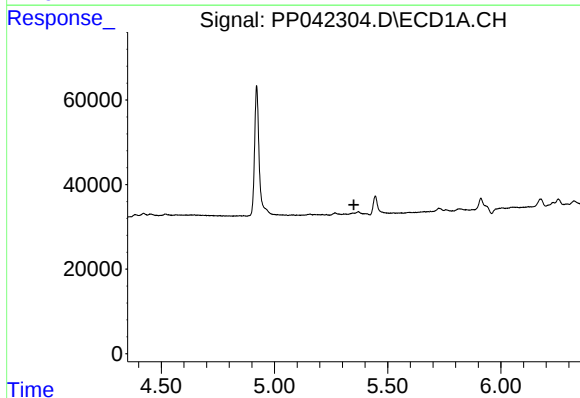
R.T.: 0.000 min
Exp R.T. : 5.351 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



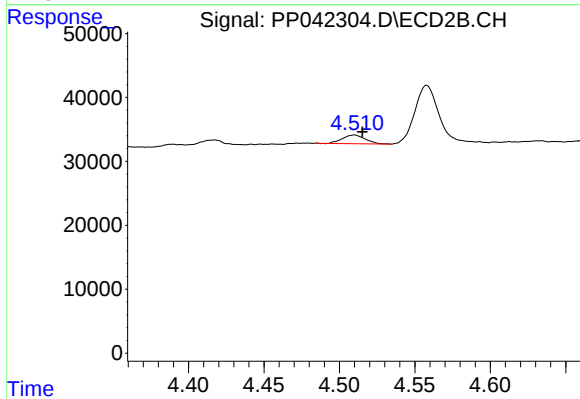
#10 AR-1221-3

R.T.: 4.510 min
Delta R.T.: -0.005 min
Response: 14503
Conc: 20.85 ng/ml



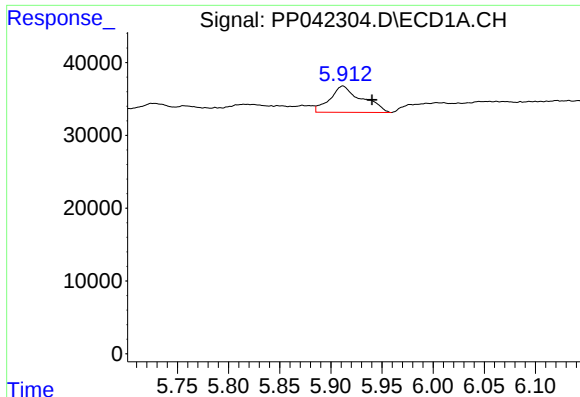
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.351 min
Response: 0
Conc: N.D.



#11 AR-1232-1

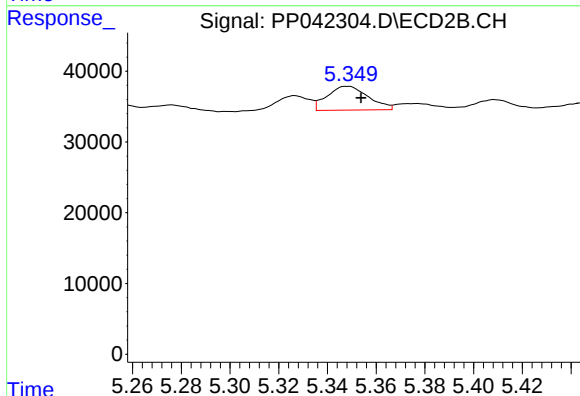
R.T.: 4.510 min
Delta R.T.: -0.005 min
Response: 14503
Conc: 24.81 ng/ml



#12 AR-1232-2

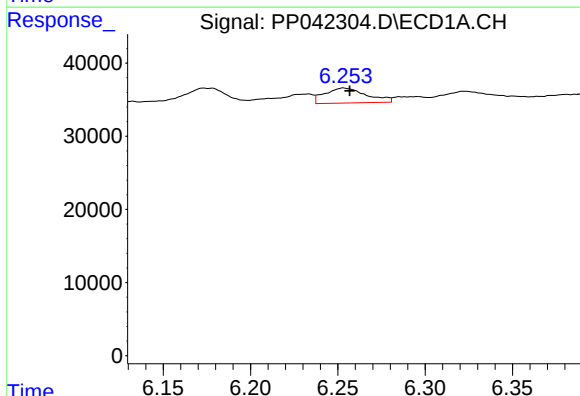
R.T.: 5.912 min
Delta R.T.: -0.028 min
Response: 78894
Conc: 532.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



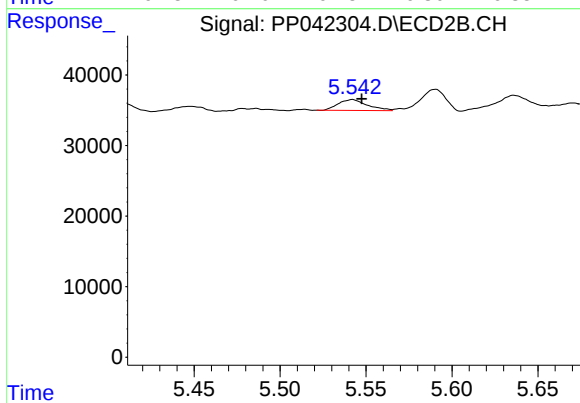
#12 AR-1232-2

R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 39493
Conc: 74.22 ng/ml



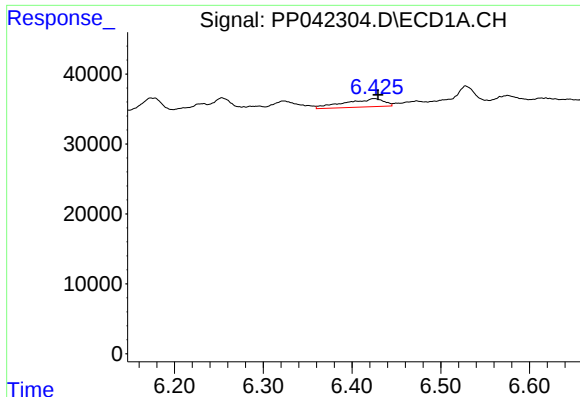
#13 AR-1232-3

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 34196
Conc: 130.70 ng/ml



#13 AR-1232-3

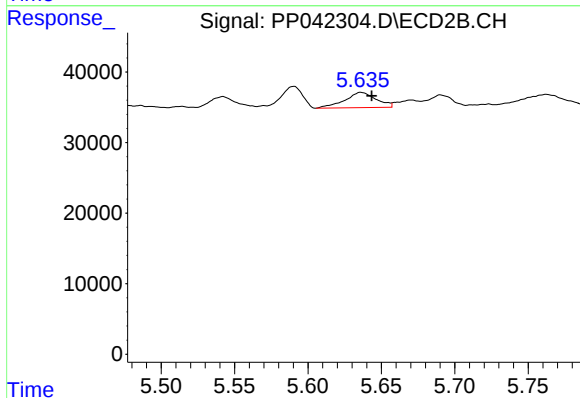
R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 18319
Conc: 64.00 ng/ml



#14 AR-1232-4

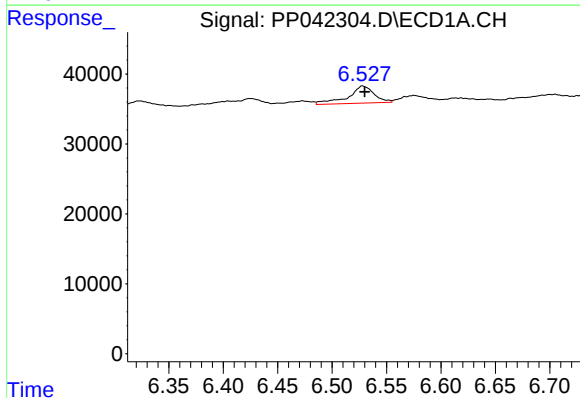
R.T.: 6.425 min
Delta R.T.: -0.004 min
Response: 35947
Conc: 274.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



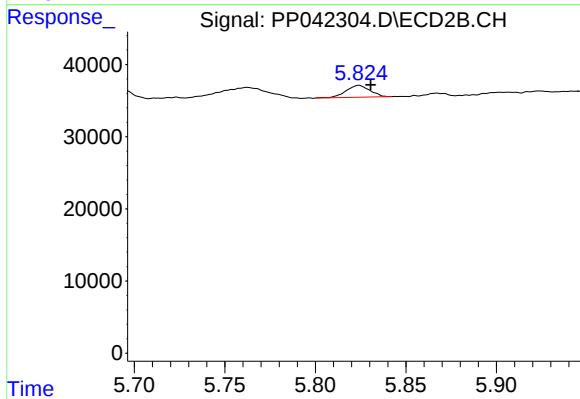
#14 AR-1232-4

R.T.: 5.636 min
Delta R.T.: -0.007 min
Response: 32284
Conc: 133.85 ng/ml



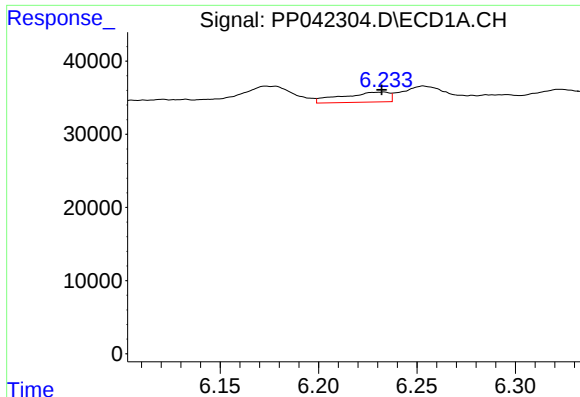
#15 AR-1232-5

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 40965
Conc: 396.99 ng/ml



#15 AR-1232-5

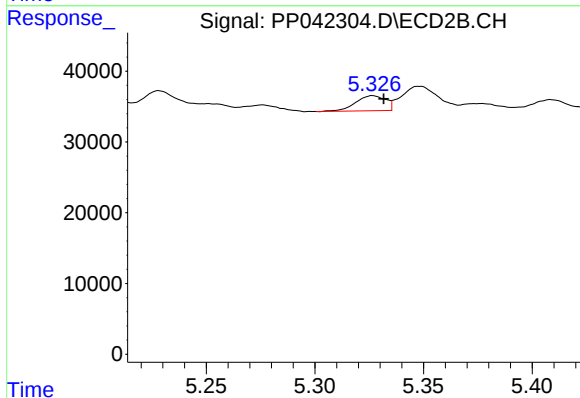
R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 15091
Conc: 62.15 ng/ml



#16 AR-1242-1

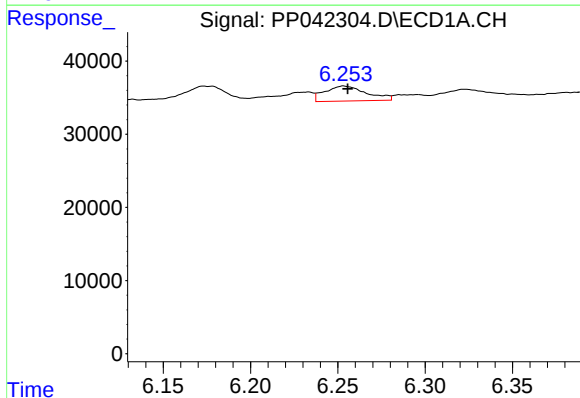
R.T.: 6.233 min
Delta R.T.: 0.001 min
Response: 22937
Conc: 70.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



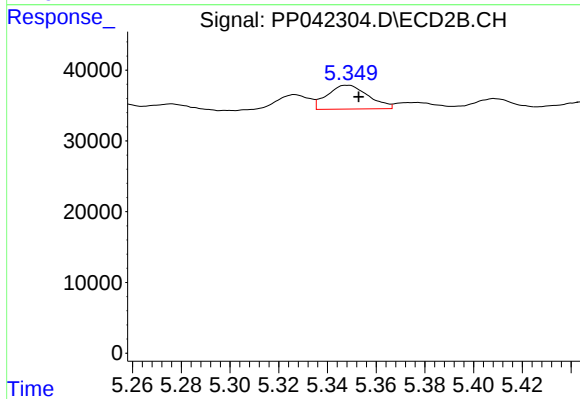
#16 AR-1242-1

R.T.: 5.327 min
Delta R.T.: -0.005 min
Response: 20382
Conc: 29.93 ng/ml



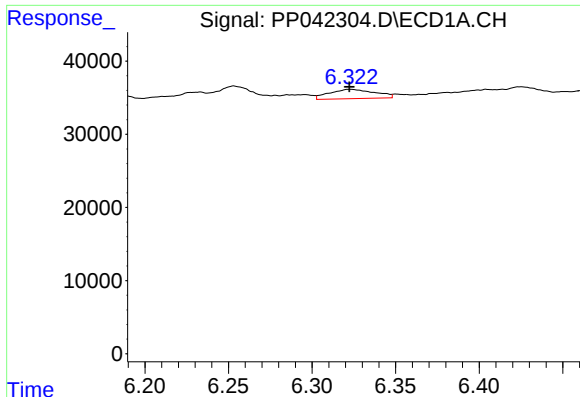
#17 AR-1242-2

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 34196
Conc: 71.65 ng/ml



#17 AR-1242-2

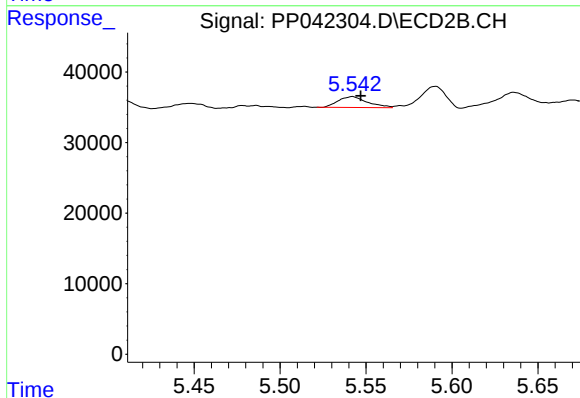
R.T.: 5.348 min
Delta R.T.: -0.004 min
Response: 39493
Conc: 42.40 ng/ml



#18 AR-1242-3

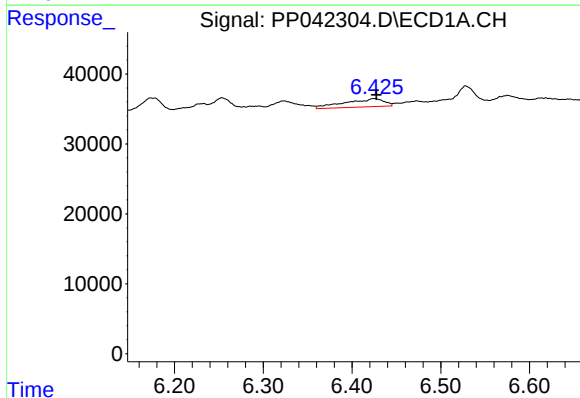
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 24376
Conc: 81.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



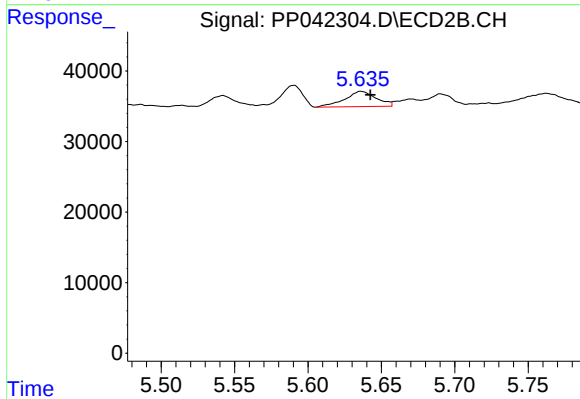
#18 AR-1242-3

R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 18319
Conc: 34.67 ng/ml



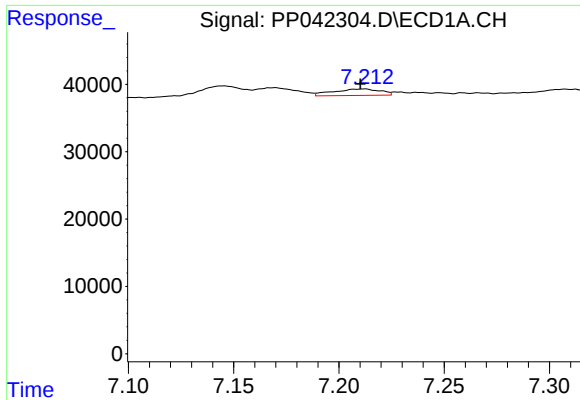
#19 AR-1242-4

R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 35947
Conc: 146.72 ng/ml



#19 AR-1242-4

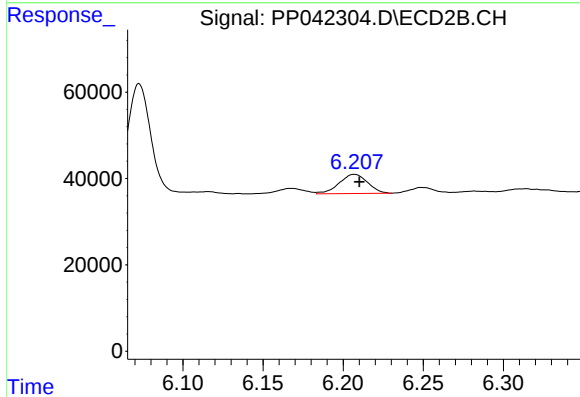
R.T.: 5.636 min
Delta R.T.: -0.006 min
Response: 32284
Conc: 63.81 ng/ml



#20 AR-1242-5

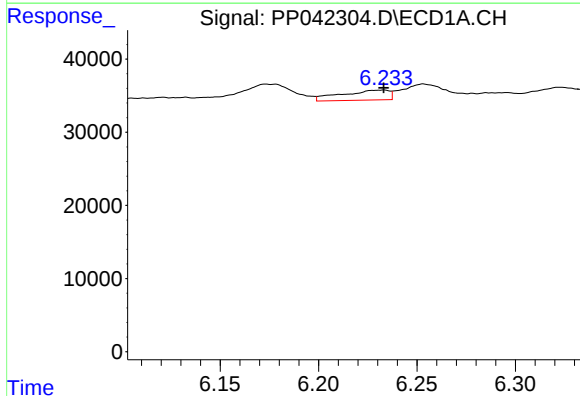
R.T.: 7.213 min
Delta R.T.: 0.002 min
Response: 15006
Conc: 57.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



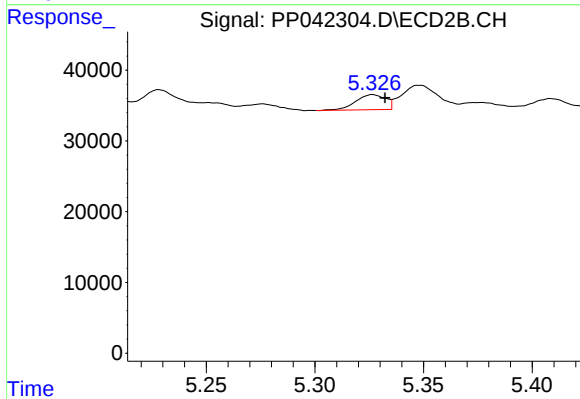
#20 AR-1242-5

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 54824
Conc: 92.48 ng/ml



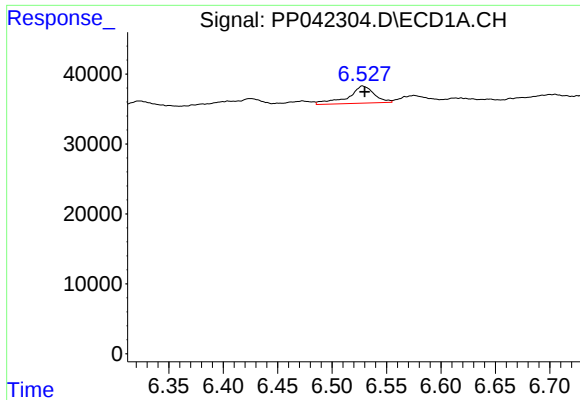
#21 AR-1248-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 22937
Conc: 91.62 ng/ml



#21 AR-1248-1

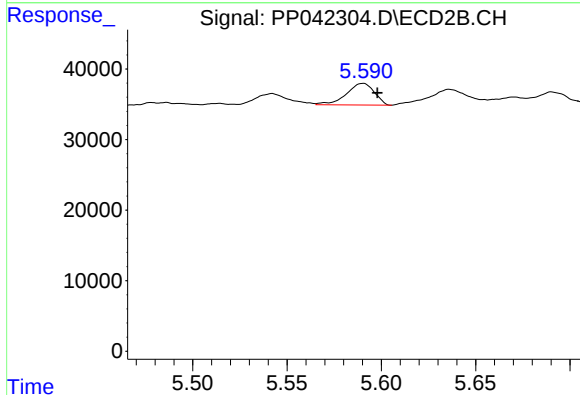
R.T.: 5.327 min
Delta R.T.: -0.006 min
Response: 20382
Conc: 39.23 ng/ml



#22 AR-1248-2

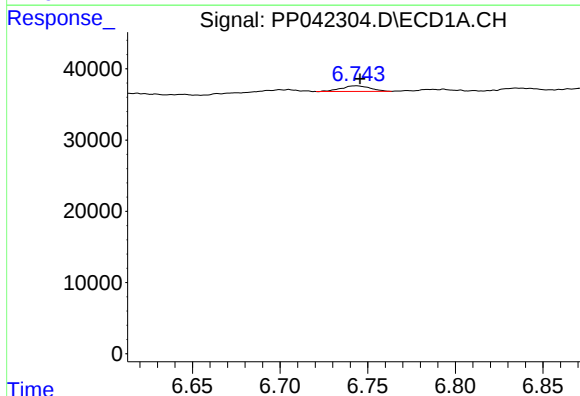
R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 40965
Conc: 115.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



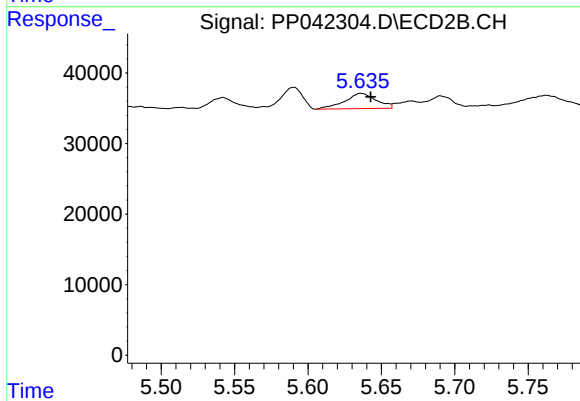
#22 AR-1248-2

R.T.: 5.591 min
Delta R.T.: -0.007 min
Response: 31662
Conc: 44.96 ng/ml



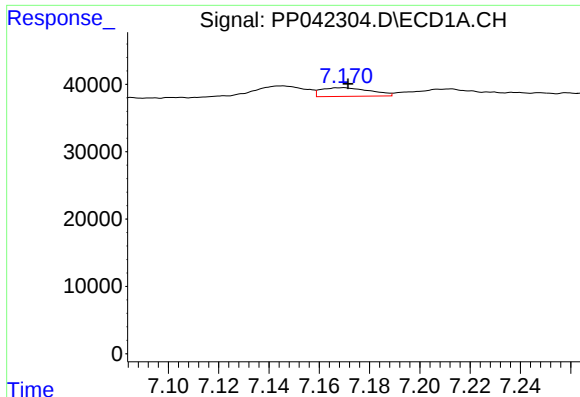
#23 AR-1248-3

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 8836
Conc: 21.01 ng/ml



#23 AR-1248-3

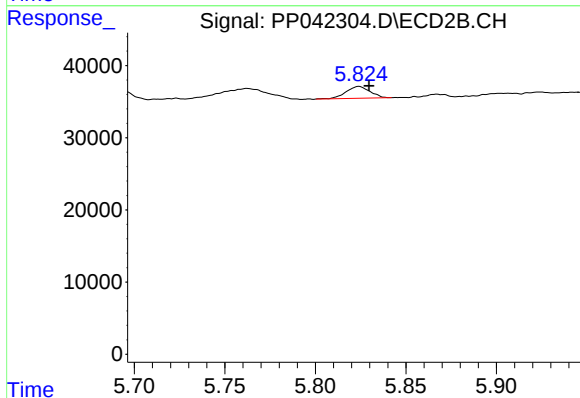
R.T.: 5.636 min
Delta R.T.: -0.006 min
Response: 32284
Conc: 43.51 ng/ml



#24 AR-1248-4

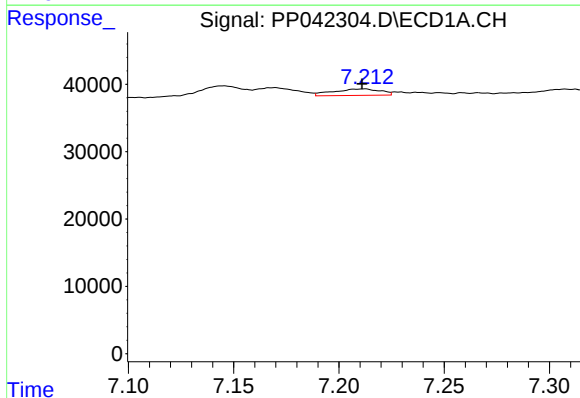
R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 17435
Conc: 38.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



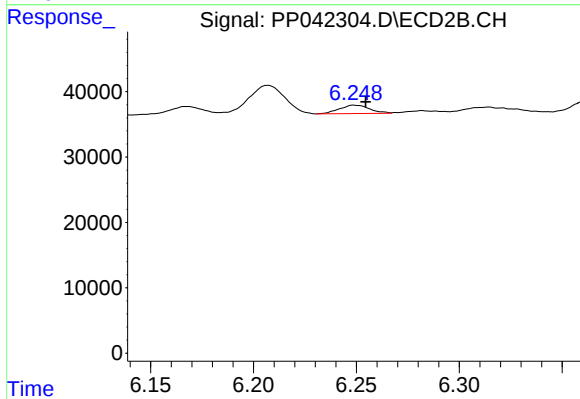
#24 AR-1248-4

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 15091
Conc: 17.93 ng/ml



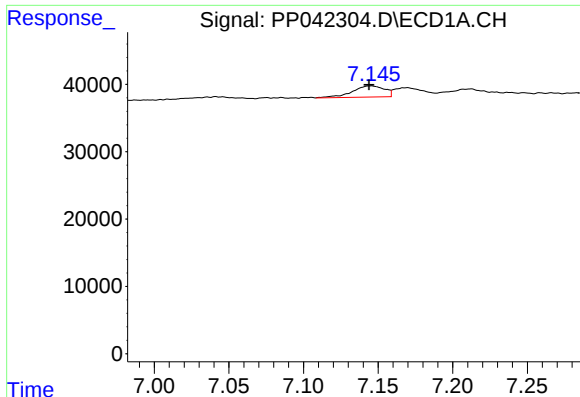
#25 AR-1248-5

R.T.: 7.213 min
Delta R.T.: 0.002 min
Response: 15006
Conc: 33.66 ng/ml



#25 AR-1248-5

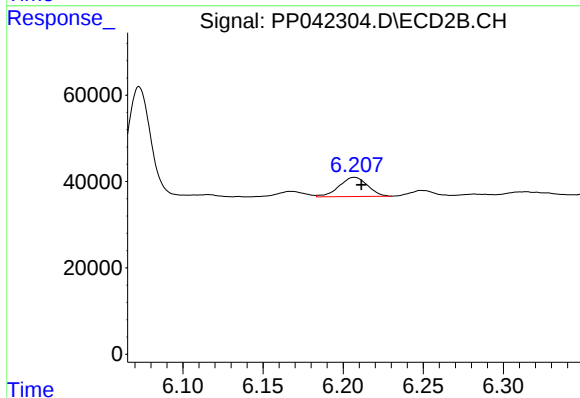
R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 13211
Conc: 15.95 ng/ml



#26 AR-1254-1

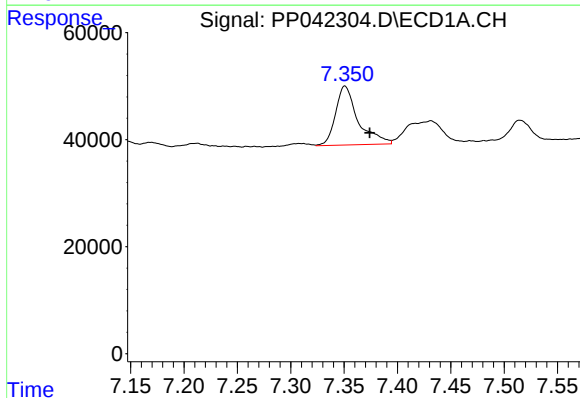
R.T.: 7.145 min
Delta R.T.: 0.001 min
Response: 24934
Conc: 50.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



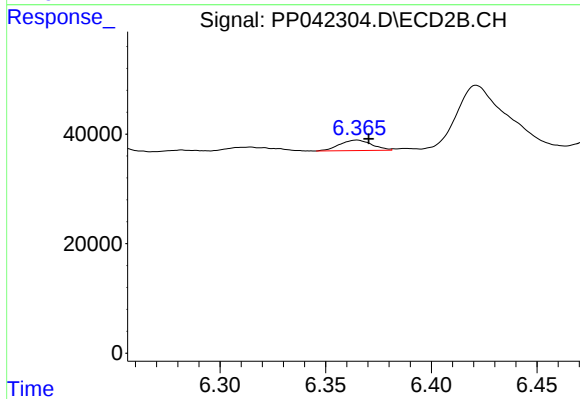
#26 AR-1254-1

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 54824
Conc: 43.83 ng/ml



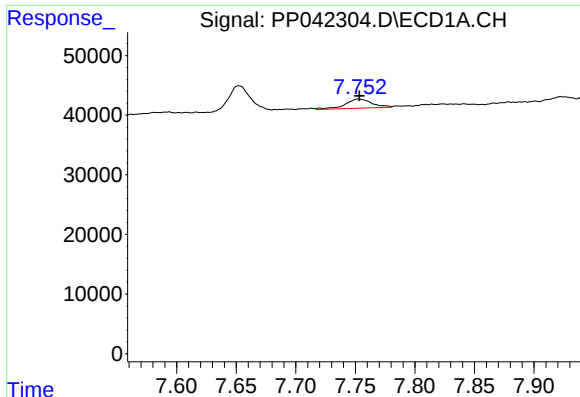
#27 AR-1254-2

R.T.: 7.351 min
Delta R.T.: -0.023 min
Response: 161934
Conc: 211.23 ng/ml



#27 AR-1254-2

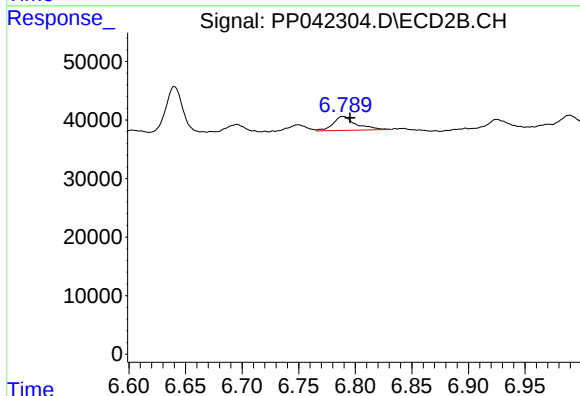
R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 20533
Conc: 18.87 ng/ml



#28 AR-1254-3

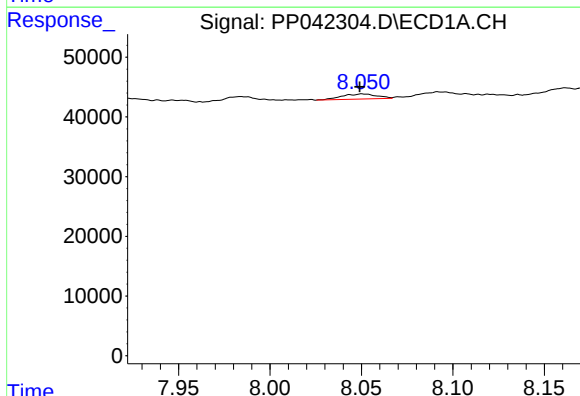
R.T.: 7.752 min
Delta R.T.: -0.001 min
Response: 23776
Conc: 30.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



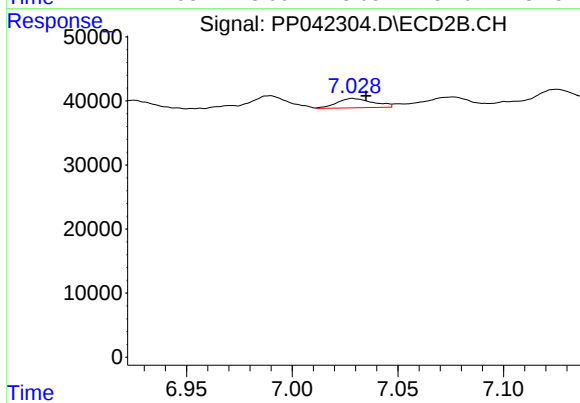
#28 AR-1254-3

R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 34253
Conc: 20.62 ng/ml



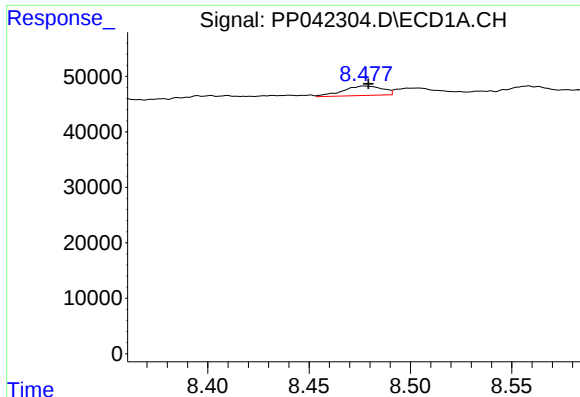
#29 AR-1254-4

R.T.: 8.050 min
Delta R.T.: 0.001 min
Response: 11530
Conc: 20.72 ng/ml



#29 AR-1254-4

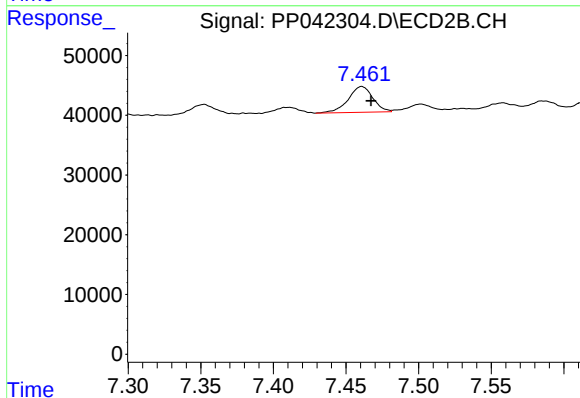
R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 17314
Conc: 17.75 ng/ml



#30 AR-1254-5

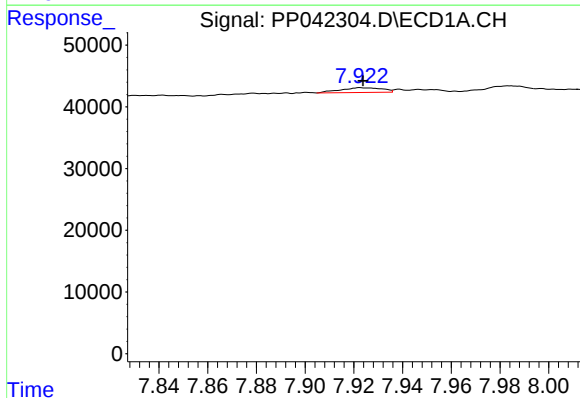
R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 23322
Conc: 37.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



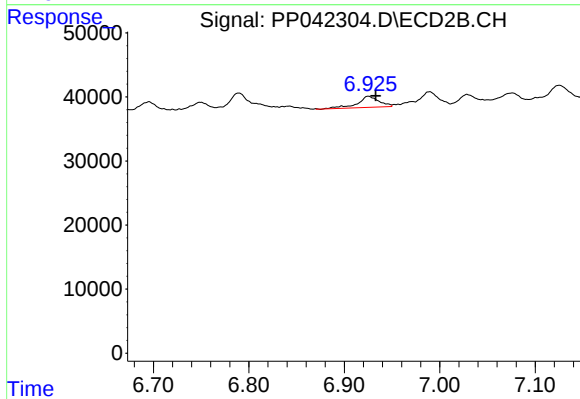
#30 AR-1254-5

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 50759
Conc: 39.61 ng/ml



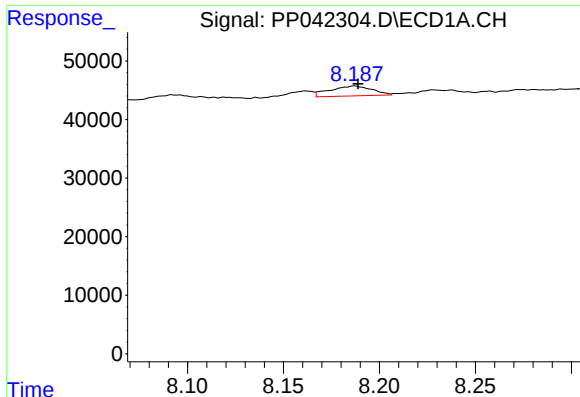
#31 AR-1260-1

R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 9378
Conc: 15.82 ng/ml



#31 AR-1260-1

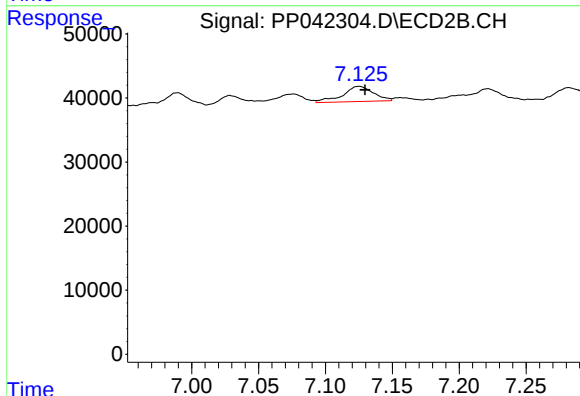
R.T.: 6.925 min
Delta R.T.: -0.008 min
Response: 26812
Conc: 25.23 ng/ml



#32 AR-1260-2

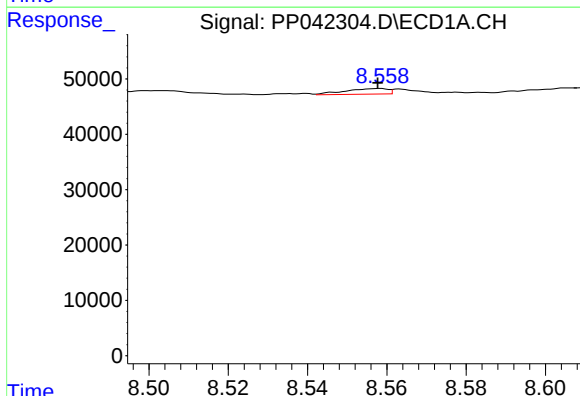
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 25765
Conc: 33.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



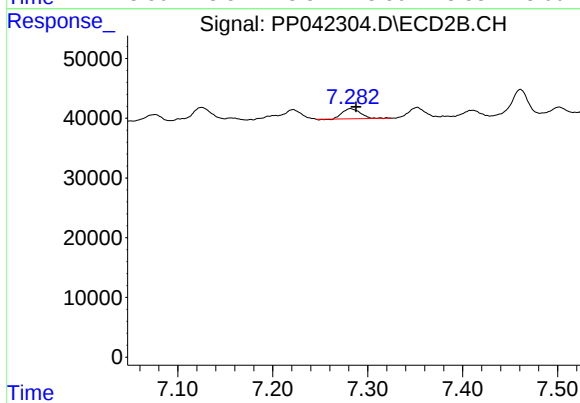
#32 AR-1260-2

R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 38513
Conc: 31.20 ng/ml



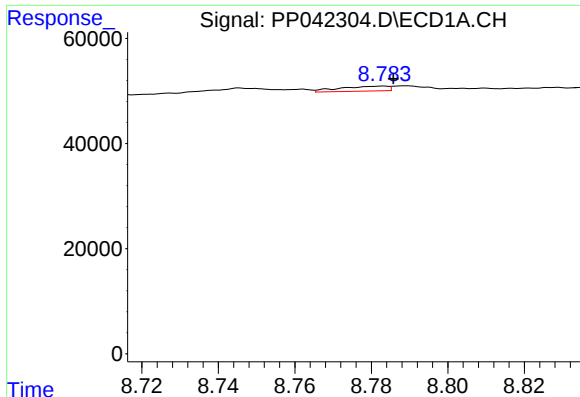
#33 AR-1260-3

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 7709
Conc: 14.90 ng/ml



#33 AR-1260-3

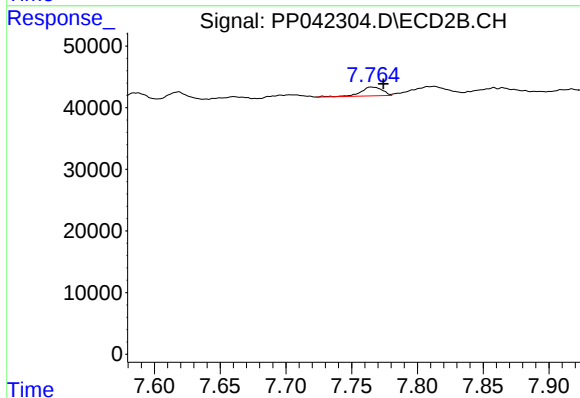
R.T.: 7.282 min
Delta R.T.: -0.006 min
Response: 22459
Conc: 16.76 ng/ml



#34 AR-1260-4

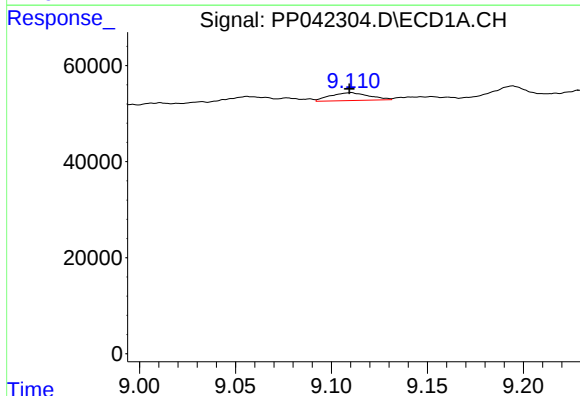
R.T.: 8.783 min
Delta R.T.: -0.003 min
Response: 8252
Conc: 14.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



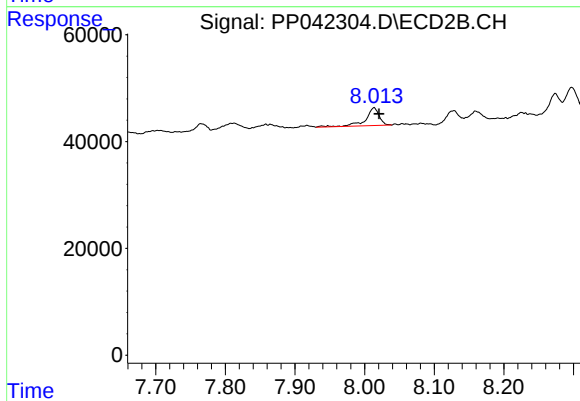
#34 AR-1260-4

R.T.: 7.765 min
Delta R.T.: -0.009 min
Response: 16792
Conc: 18.81 ng/ml



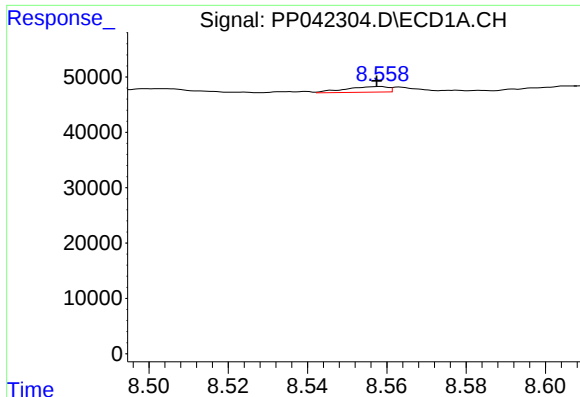
#35 AR-1260-5

R.T.: 9.110 min
Delta R.T.: 0.000 min
Response: 22973
Conc: 19.63 ng/ml



#35 AR-1260-5

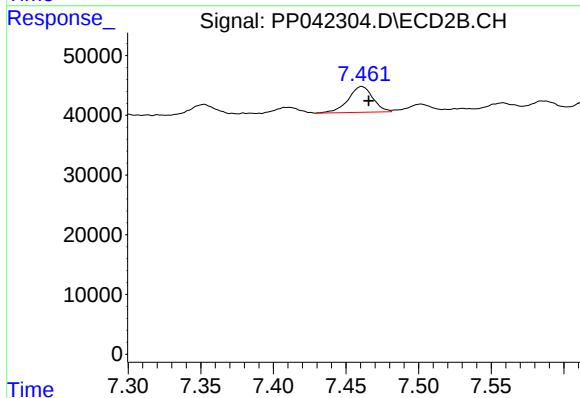
R.T.: 8.014 min
Delta R.T.: -0.007 min
Response: 45528
Conc: 23.66 ng/ml



#36 AR-1262-1

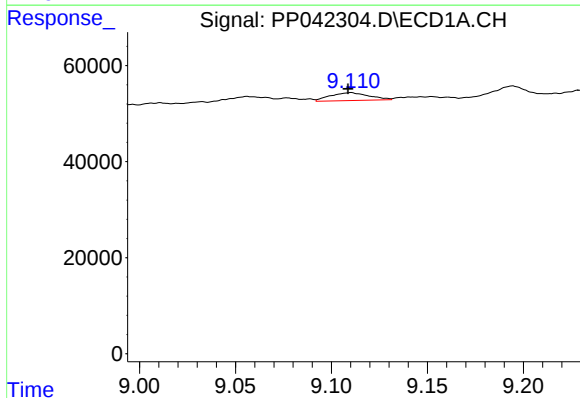
R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 7709
Conc: 10.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



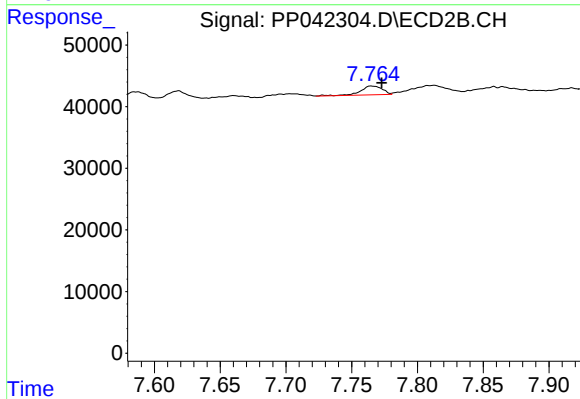
#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: -0.005 min
Response: 50759
Conc: 76.29 ng/ml



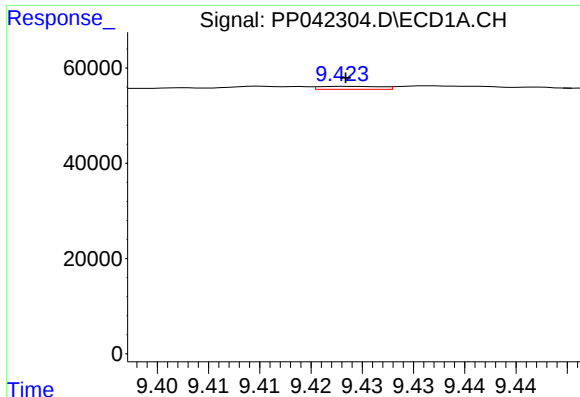
#37 AR-1262-2

R.T.: 9.110 min
Delta R.T.: 0.002 min
Response: 22973
Conc: 18.74 ng/ml



#37 AR-1262-2

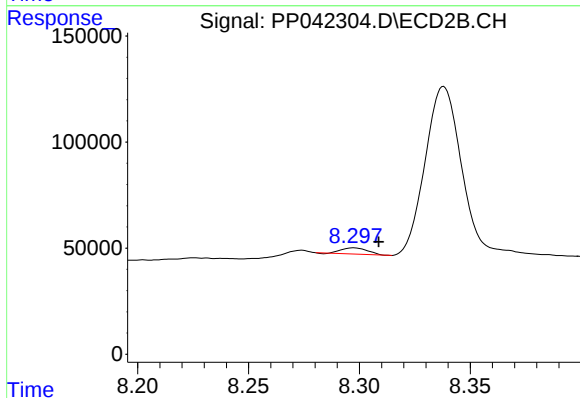
R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 16792
Conc: 15.48 ng/ml



#38 AR-1262-3

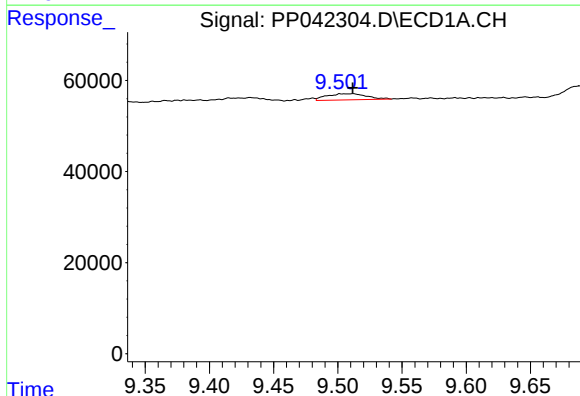
R.T.: 9.423 min
Delta R.T.: 0.000 min
Response: 2653
Conc: 5.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



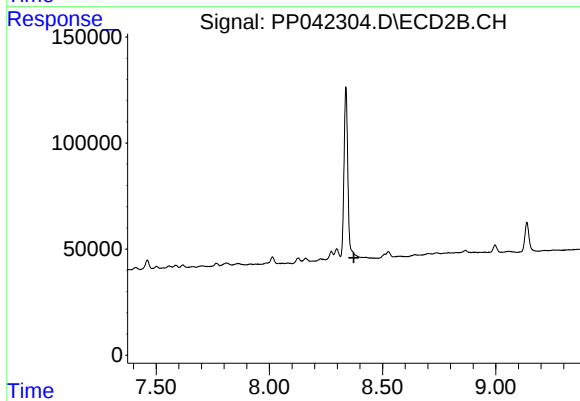
#38 AR-1262-3

R.T.: 8.297 min
Delta R.T.: -0.011 min
Response: 24038
Conc: 31.55 ng/ml



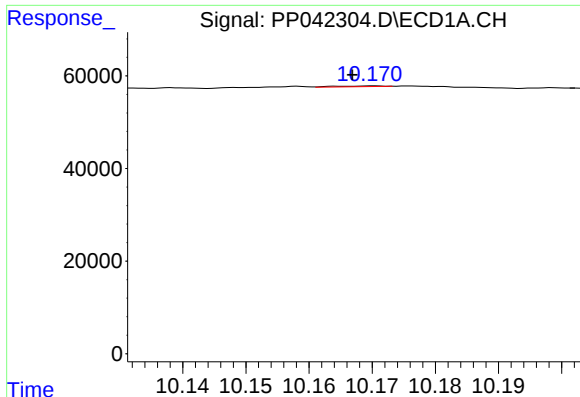
#39 AR-1262-4

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 29053
Conc: 78.83 ng/ml



#39 AR-1262-4

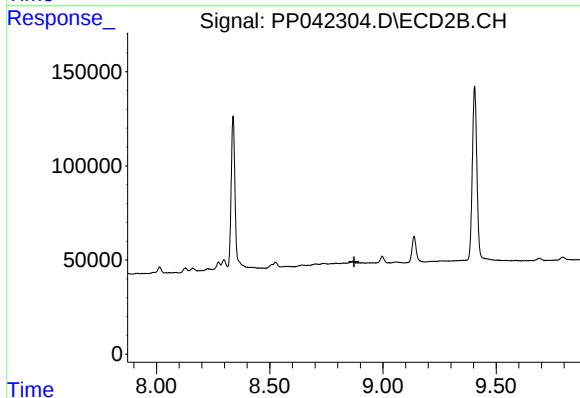
R.T.: 0.000 min
Exp R.T. : 8.373 min
Response: 0
Conc: N.D.



#40 AR-1262-5

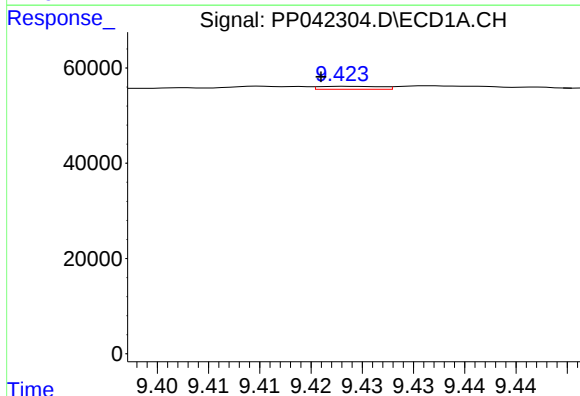
R.T.: 10.170 min
Delta R.T.: 0.003 min
Response: 748
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



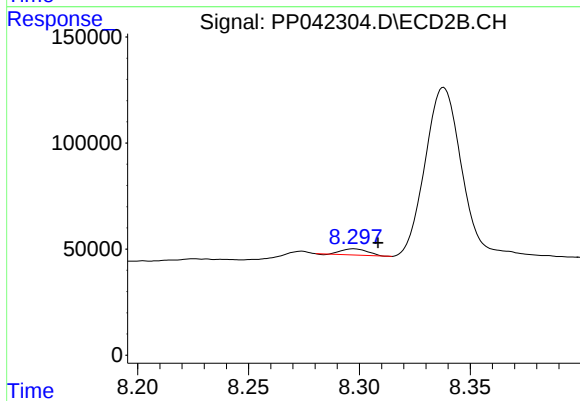
#40 AR-1262-5

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



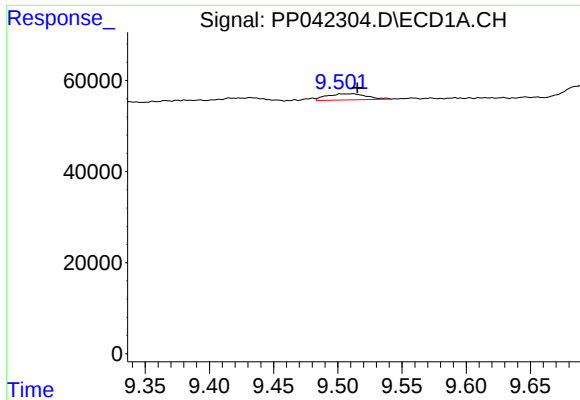
#41 AR-1268-1

R.T.: 9.423 min
Delta R.T.: 0.002 min
Response: 2653
Conc: 1.75 ng/ml



#41 AR-1268-1

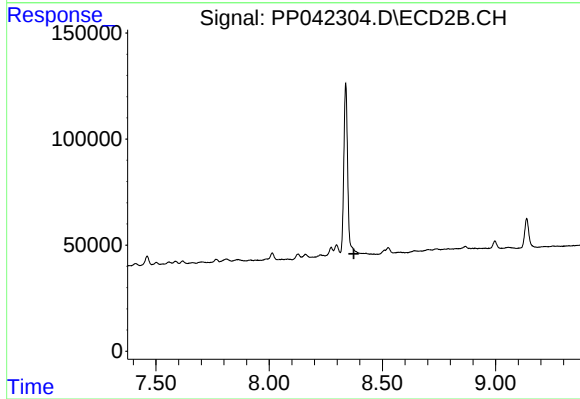
R.T.: 8.297 min
Delta R.T.: -0.011 min
Response: 24038
Conc: 10.62 ng/ml



#42 AR-1268-2

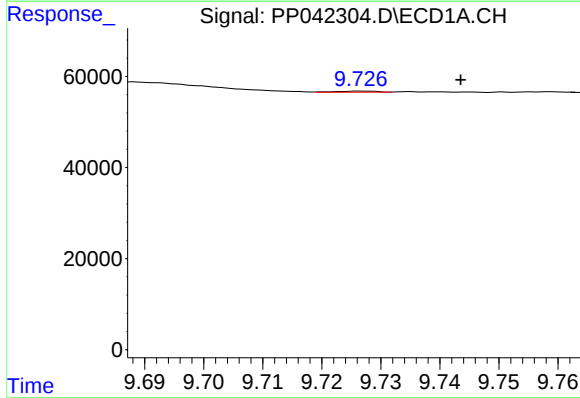
R.T.: 9.512 min
Delta R.T.: -0.003 min
Response: 29053
Conc: 20.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



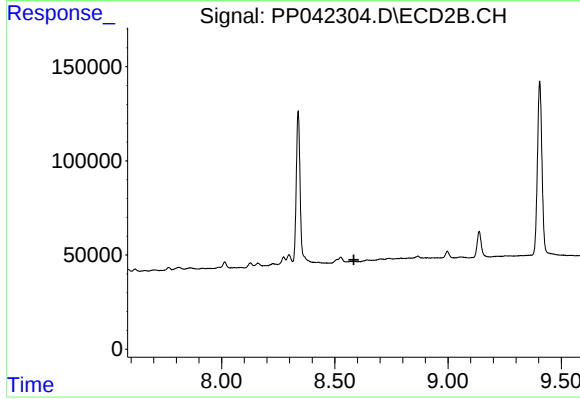
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.374 min
Response: 0
Conc: N.D.



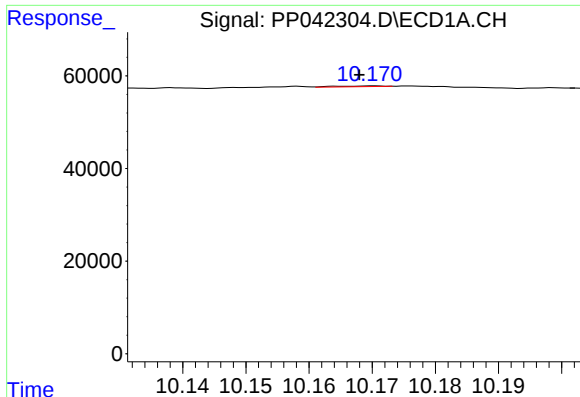
#43 AR-1268-3

R.T.: 9.727 min
Delta R.T.: -0.017 min
Response: 1199
Conc: 0.93 ng/ml



#43 AR-1268-3

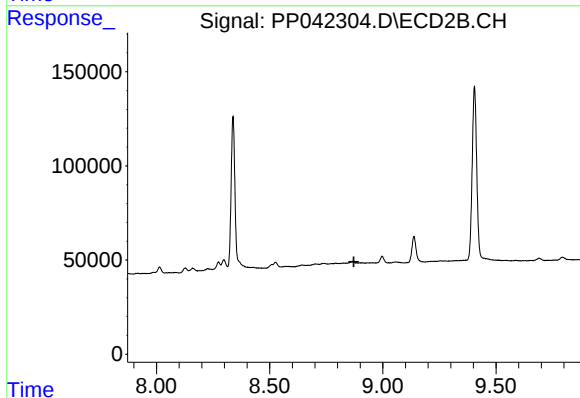
R.T.: 0.000 min
Exp R.T. : 8.584 min
Response: 0
Conc: N.D.



#44 AR-1268-4

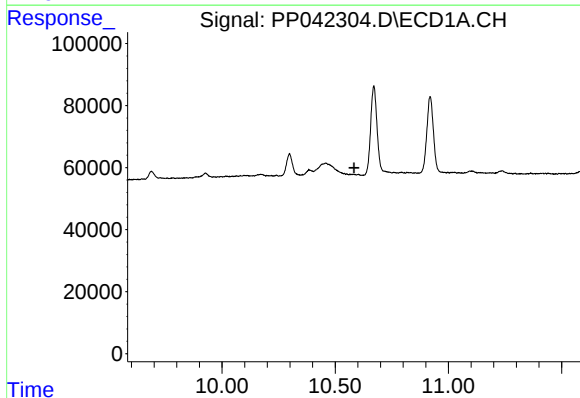
R.T.: 10.170 min
Delta R.T.: 0.002 min
Response: 748
Conc: 1.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



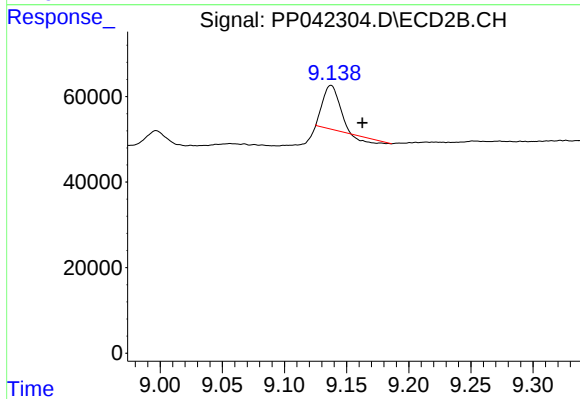
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.583 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.137 min
Delta R.T.: -0.025 min
Response: 83871
Conc: 14.70 ng/ml