

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072921\
 Data File : PP037825.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jul 2021 23:08
 Operator : DD\AJ
 Sample : M2940-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:18:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 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...	4.954	3.945	932435	520982	20.516	19.039
2)	SA Decachlor...	10.981	9.233	951804	525572	20.675	18.882
Target Compounds							
3)	L1 AR-1016-1	6.274	5.194	85004	39971	48.917	38.679
4)	L1 AR-1016-2	6.298	5.214	122883	55411	49.151	38.702
5)	L1 AR-1016-3	6.364	5.404	78707	31303	49.417	40.065
6)	L1 AR-1016-4	6.471	5.458	57547	23845	43.643	39.506
7)	L1 AR-1016-5	6.785	5.685	56804	28393	44.904	36.769
8)	L2 AR-1221-1	5.207	0.000	29846	0	56.274	N.D. #
9)	L2 AR-1221-2	5.303	4.297	17093	9636	42.191	40.933
10)	L2 AR-1221-3	5.390	4.386	48953	25584	40.177	34.397
11)	L3 AR-1232-1	5.390	4.386	48953	25584	44.058	37.681
12)	L3 AR-1232-2	5.979	5.214	60026	55411	100.669	88.529
13)	L3 AR-1232-3	6.298	5.404	122883	31303	112.298	94.282
14)	L3 AR-1232-4	6.471	5.502	57547	26429	99.121	95.858
15)	L3 AR-1232-5	6.567	5.685	47427	28393	123.320	95.512
16)	L4 AR-1242-1	6.274	5.194	85004	39971	66.686	53.033
17)	L4 AR-1242-2	6.298	5.214	122883	55411	67.774	53.851
18)	L4 AR-1242-3	6.364	5.404	78707	31303	68.431	54.974
19)	L4 AR-1242-4	6.471	5.502	57547	26429	60.114	51.281
20)	L4 AR-1242-5	7.253	6.064	1545	20879	1.486	30.674 #
21)	L5 AR-1248-1	6.274	5.194	85004	39971	80.989	63.338
22)	L5 AR-1248-2	6.567	5.458	47427	23845	31.947	29.070
23)	L5 AR-1248-3	6.785	5.502	56804	26429	34.389	30.883
24)	L5 AR-1248-4	7.216	5.685	11164	28393	5.907	27.900 #
25)	L5 AR-1248-5	7.253	0.000	1545	0	0.825	N.D. #
26)	L6 AR-1254-1	7.183	6.064	46396	20879	25.826	14.064 #
27)	L6 AR-1254-2	7.411	6.225	44638	22868	16.047	17.605
28)	L6 AR-1254-3	7.795	6.662	23129	39295	7.502	18.413 #
29)	L6 AR-1254-4	8.090	6.919f	21706	10990	9.556	8.100
30)	L6 AR-1254-5	8.518	7.313	142501	72034	56.946	38.426 #
31)	L7 AR-1260-1	7.961	6.782	97577	57068	44.324	41.300
32)	L7 AR-1260-2	8.227	6.980	124348	66762	44.701	39.741
33)	L7 AR-1260-3	8.592	7.133	92166	63490	45.600	37.055
34)	L7 AR-1260-4	8.822	7.617	141695	46810	57.604	34.431 #
35)	L7 AR-1260-5	9.151	7.866	216059	120116	46.823	37.240
36)	L8 AR-1262-1	8.592	7.313	92166	72034	31.645	69.371 #
37)	L8 AR-1262-2	9.151	7.866	216059	120116	41.141	34.530
38)	L8 AR-1262-3	9.464	8.153	46943	54470	12.252	38.687 #
39)	L8 AR-1262-4	9.539f	8.215	90849	94089	30.918	35.332
40)	L8 AR-1262-5	10.228	8.714	65625	34768	30.863	27.507
41)	L9 AR-1268-1	9.464	8.153	46943	54470	7.730	13.668 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072921\
 Data File : PP037825.D
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 Acq On : 29 Jul 2021 23:08
 Operator : DD\AJ
 Sample : M2940-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 44 Sample Multiplier: 1

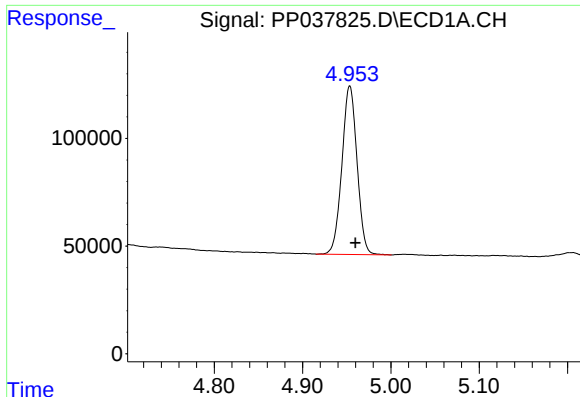
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:18:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.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	9.539f	8.215	90849	94089	15.806	25.422 #
44) L9	AR-1268-4	10.228	8.714	65625	34768	28.686	25.369
45) L9	AR-1268-5	10.644	8.992	27912	13865	1.763	1.347

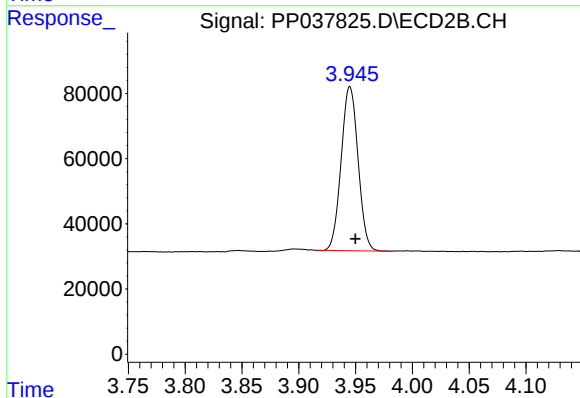
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

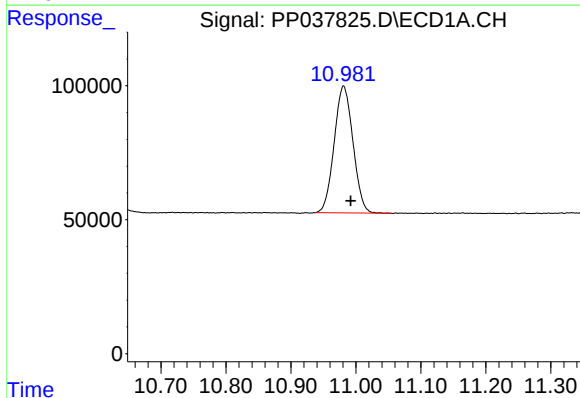
R.T.: 4.954 min
Delta R.T.: -0.006 min
Response: 932435
Conc: 20.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



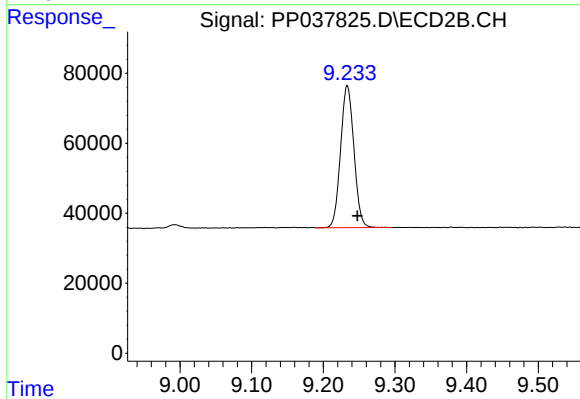
#1 Tetrachloro-m-xylene

R.T.: 3.945 min
Delta R.T.: -0.005 min
Response: 520982
Conc: 19.04 ng/ml



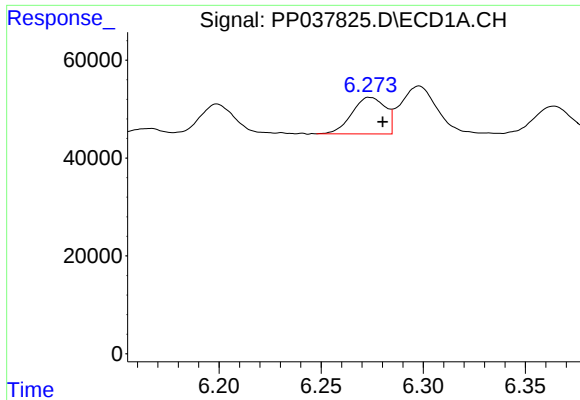
#2 Decachlorobiphenyl

R.T.: 10.981 min
Delta R.T.: -0.011 min
Response: 951804
Conc: 20.68 ng/ml



#2 Decachlorobiphenyl

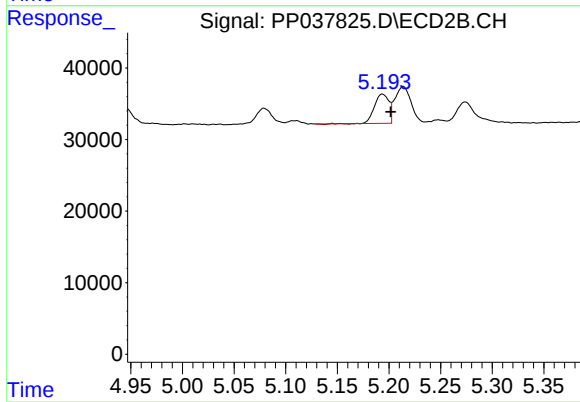
R.T.: 9.233 min
Delta R.T.: -0.014 min
Response: 525572
Conc: 18.88 ng/ml



#3 AR-1016-1

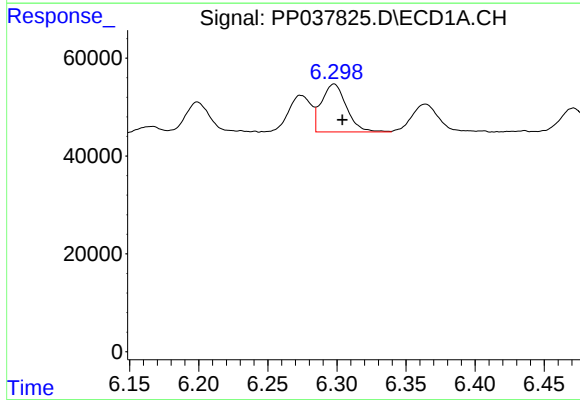
R.T.: 6.274 min
Delta R.T.: -0.007 min
Response: 85004
Conc: 48.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



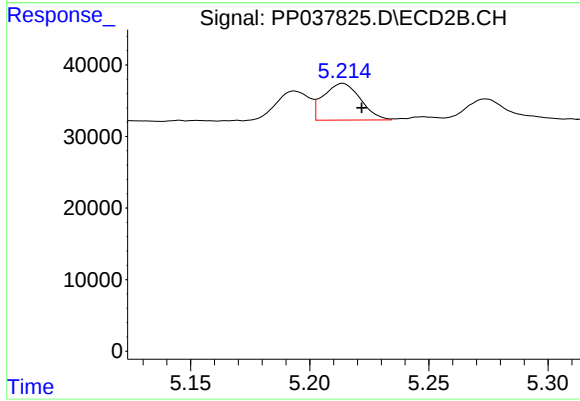
#3 AR-1016-1

R.T.: 5.194 min
Delta R.T.: -0.008 min
Response: 39971
Conc: 38.68 ng/ml



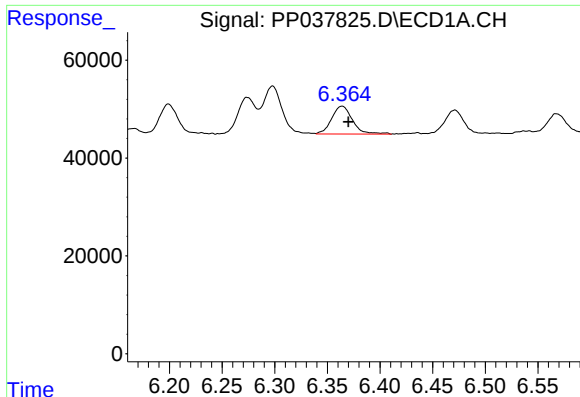
#4 AR-1016-2

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 122883
Conc: 49.15 ng/ml



#4 AR-1016-2

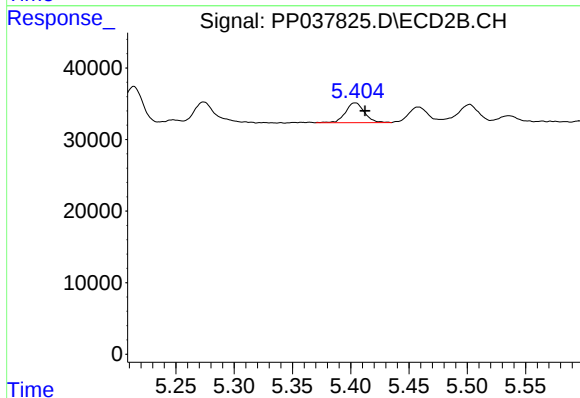
R.T.: 5.214 min
Delta R.T.: -0.008 min
Response: 55411
Conc: 38.70 ng/ml



#5 AR-1016-3

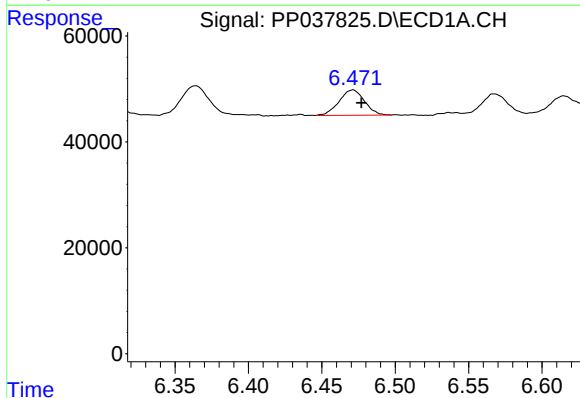
R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 78707
Conc: 49.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



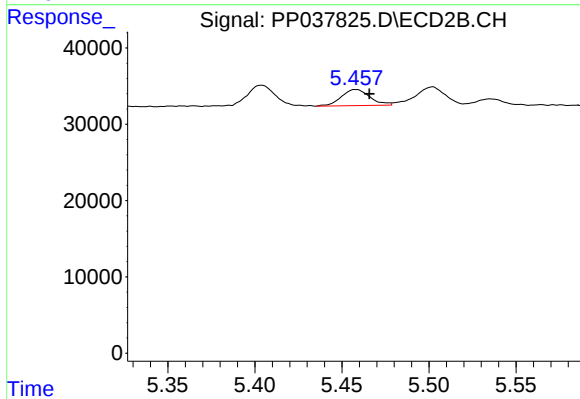
#5 AR-1016-3

R.T.: 5.404 min
Delta R.T.: -0.008 min
Response: 31303
Conc: 40.07 ng/ml



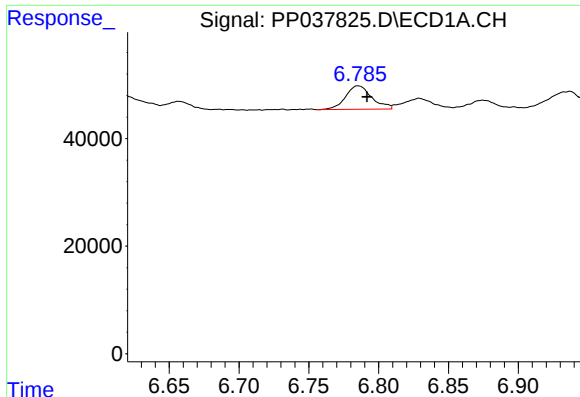
#6 AR-1016-4

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 57547
Conc: 43.64 ng/ml



#6 AR-1016-4

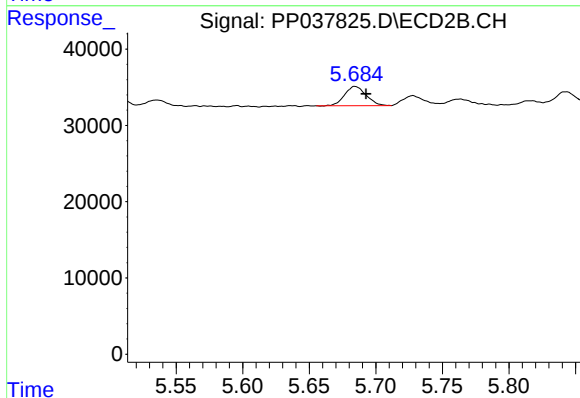
R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 23845
Conc: 39.51 ng/ml



#7 AR-1016-5

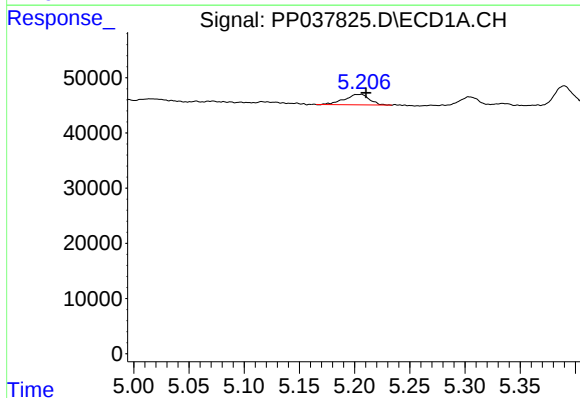
R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 56804
Conc: 44.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



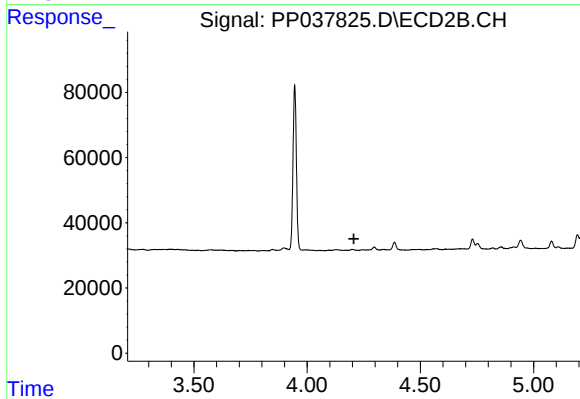
#7 AR-1016-5

R.T.: 5.685 min
Delta R.T.: -0.008 min
Response: 28393
Conc: 36.77 ng/ml



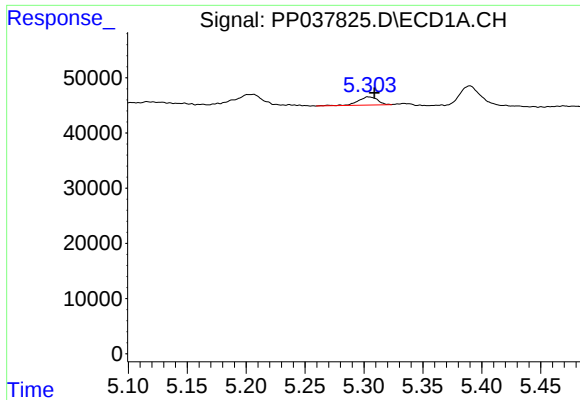
#8 AR-1221-1

R.T.: 5.207 min
Delta R.T.: -0.004 min
Response: 29846
Conc: 56.27 ng/ml



#8 AR-1221-1

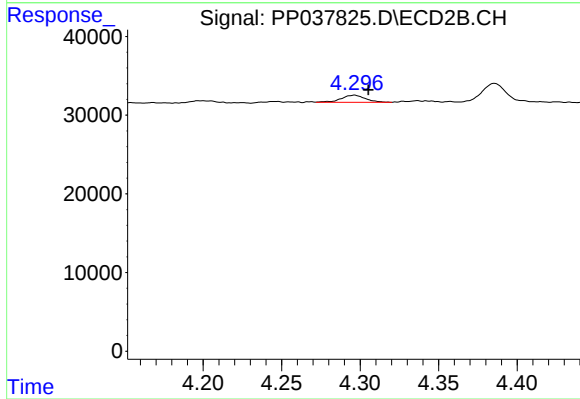
R.T.: 0.000 min
Exp R.T.: 4.207 min
Response: 0
Conc: N.D.



#9 AR-1221-2

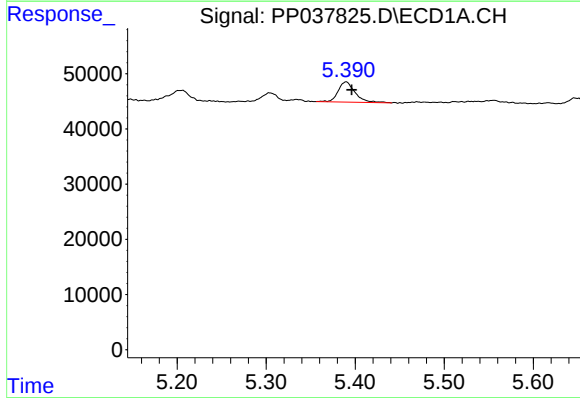
R.T.: 5.303 min
Delta R.T.: -0.005 min
Response: 17093
Conc: 42.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



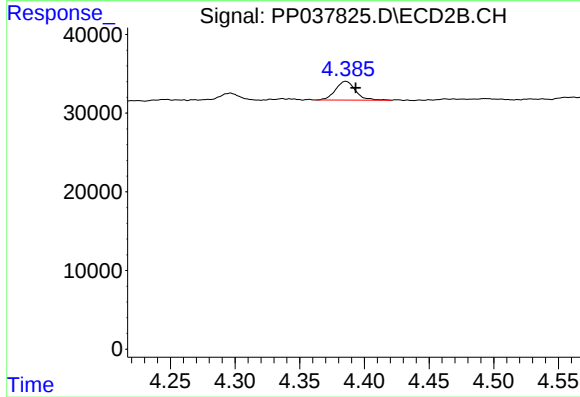
#9 AR-1221-2

R.T.: 4.297 min
Delta R.T.: -0.009 min
Response: 9636
Conc: 40.93 ng/ml



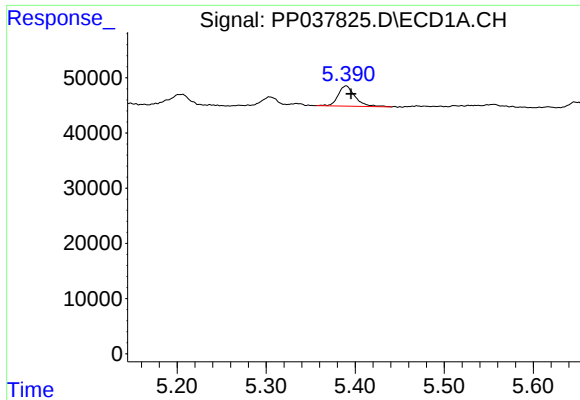
#10 AR-1221-3

R.T.: 5.390 min
Delta R.T.: -0.006 min
Response: 48953
Conc: 40.18 ng/ml



#10 AR-1221-3

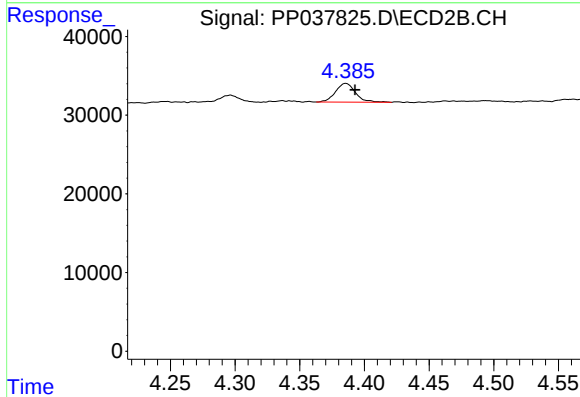
R.T.: 4.386 min
Delta R.T.: -0.007 min
Response: 25584
Conc: 34.40 ng/ml



#11 AR-1232-1

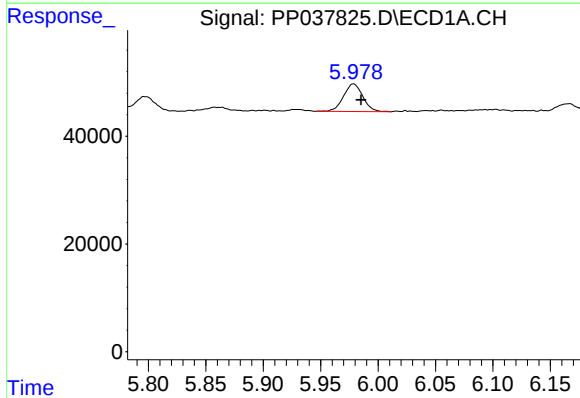
R.T.: 5.390 min
Delta R.T.: -0.006 min
Response: 48953
Conc: 44.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



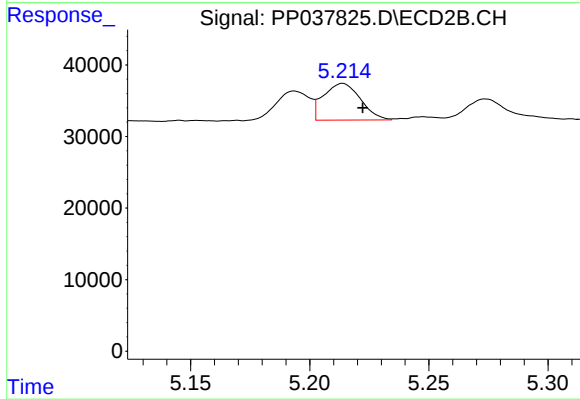
#11 AR-1232-1

R.T.: 4.386 min
Delta R.T.: -0.007 min
Response: 25584
Conc: 37.68 ng/ml



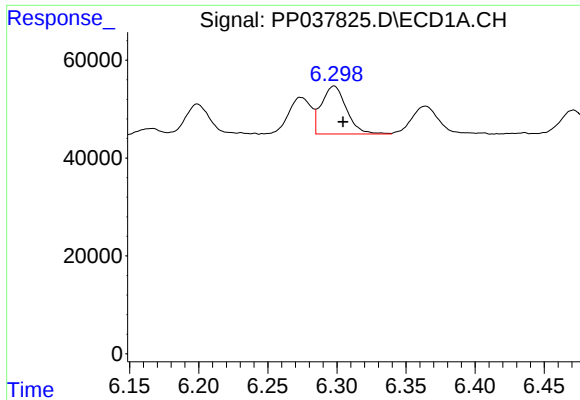
#12 AR-1232-2

R.T.: 5.979 min
Delta R.T.: -0.006 min
Response: 60026
Conc: 100.67 ng/ml



#12 AR-1232-2

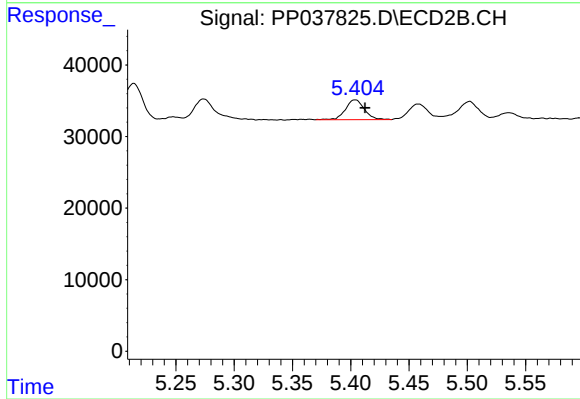
R.T.: 5.214 min
Delta R.T.: -0.008 min
Response: 55411
Conc: 88.53 ng/ml



#13 AR-1232-3

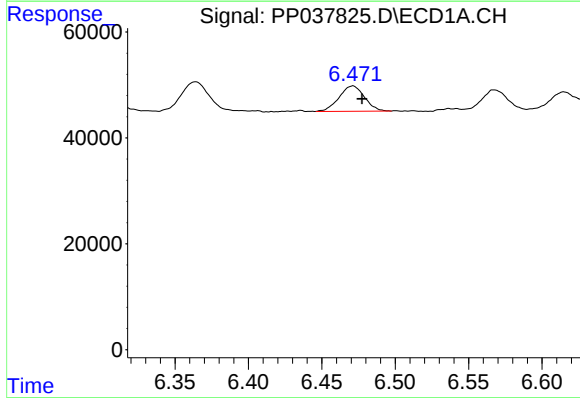
R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 122883
Conc: 112.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



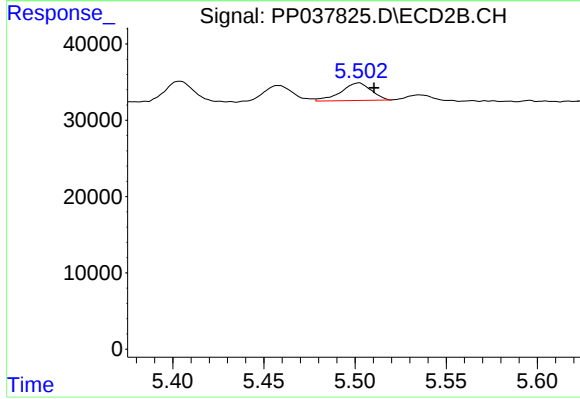
#13 AR-1232-3

R.T.: 5.404 min
Delta R.T.: -0.008 min
Response: 31303
Conc: 94.28 ng/ml



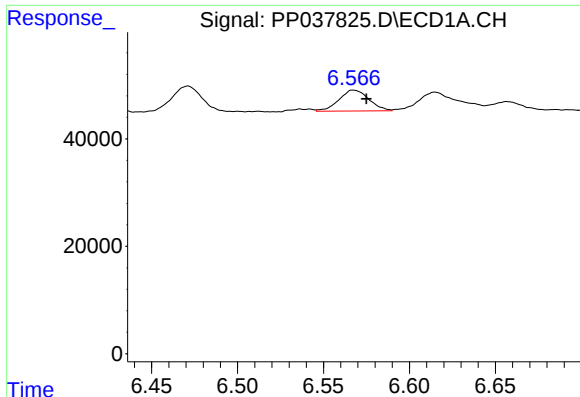
#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 57547
Conc: 99.12 ng/ml



#14 AR-1232-4

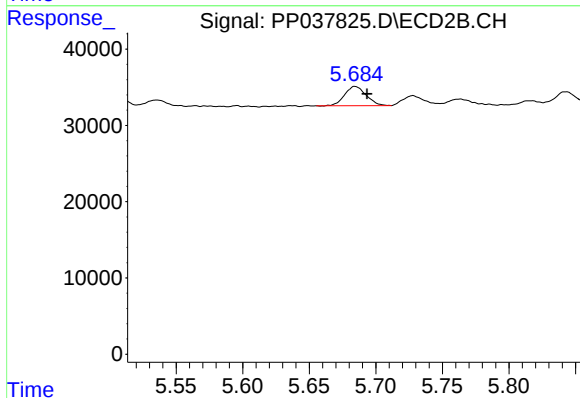
R.T.: 5.502 min
Delta R.T.: -0.008 min
Response: 26429
Conc: 95.86 ng/ml



#15 AR-1232-5

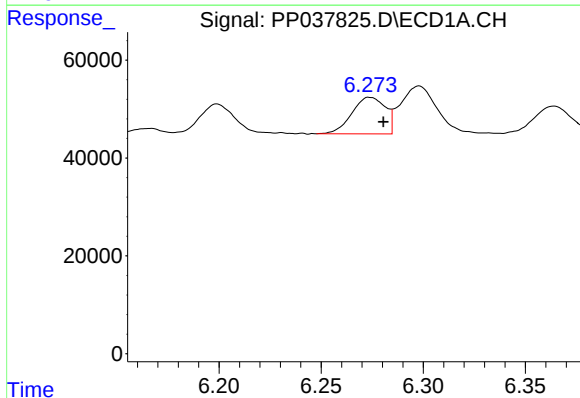
R.T.: 6.567 min
Delta R.T.: -0.008 min
Response: 47427
Conc: 123.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



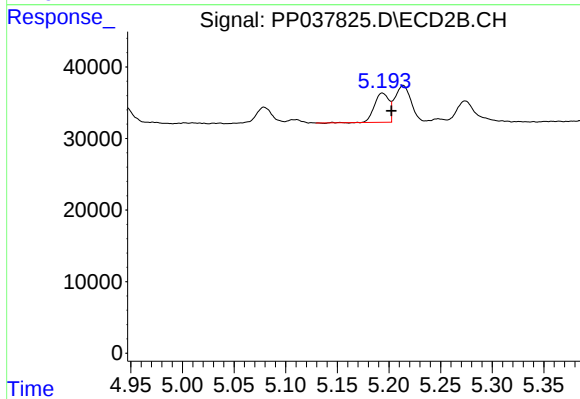
#15 AR-1232-5

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 28393
Conc: 95.51 ng/ml



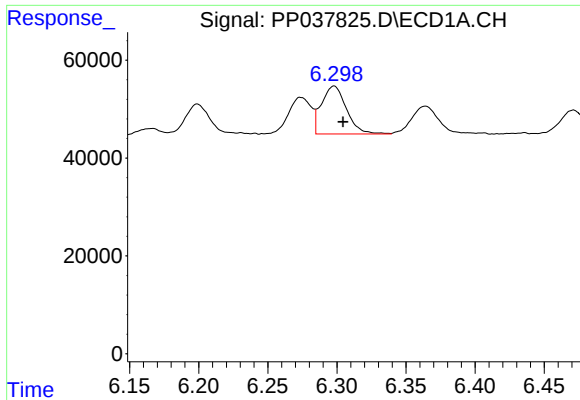
#16 AR-1242-1

R.T.: 6.274 min
Delta R.T.: -0.007 min
Response: 85004
Conc: 66.69 ng/ml



#16 AR-1242-1

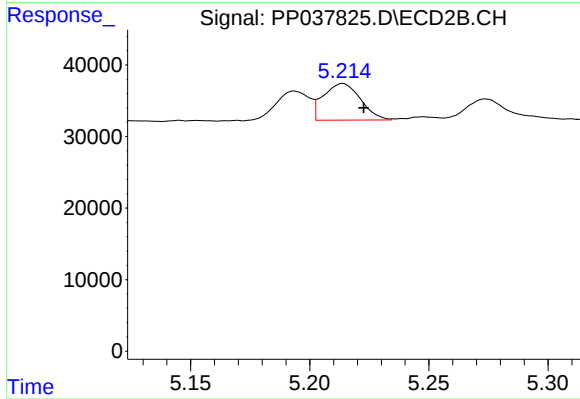
R.T.: 5.194 min
Delta R.T.: -0.009 min
Response: 39971
Conc: 53.03 ng/ml



#17 AR-1242-2

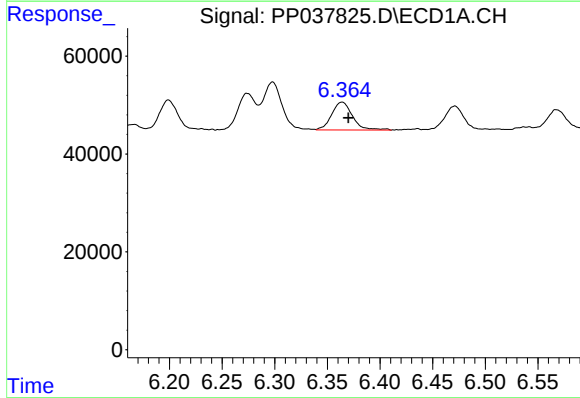
R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 122883
Conc: 67.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



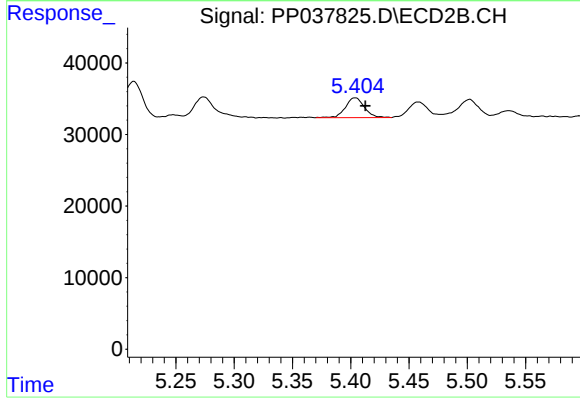
#17 AR-1242-2

R.T.: 5.214 min
Delta R.T.: -0.009 min
Response: 55411
Conc: 53.85 ng/ml



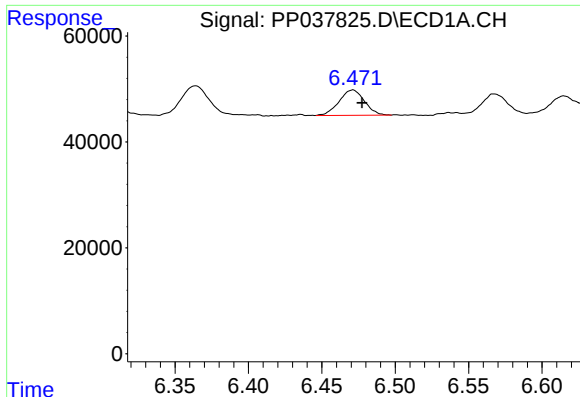
#18 AR-1242-3

R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 78707
Conc: 68.43 ng/ml



#18 AR-1242-3

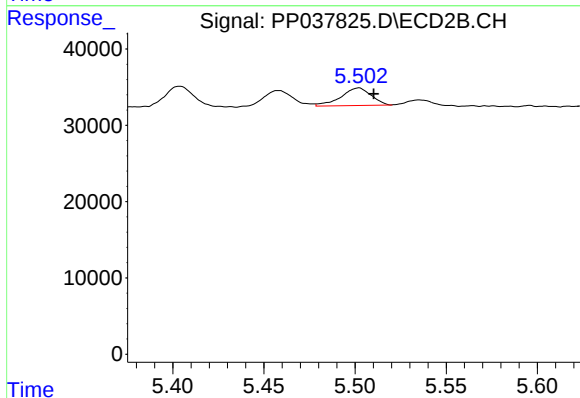
R.T.: 5.404 min
Delta R.T.: -0.008 min
Response: 31303
Conc: 54.97 ng/ml



#19 AR-1242-4

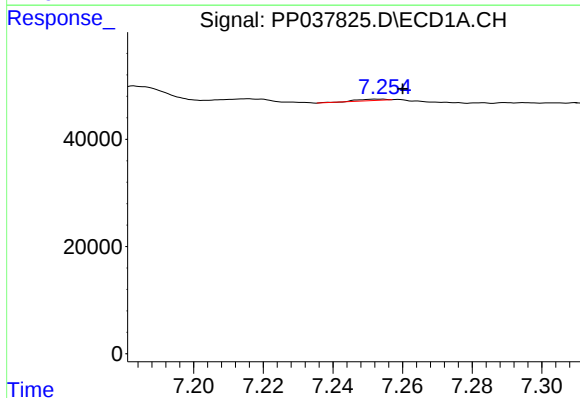
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 57547
Conc: 60.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



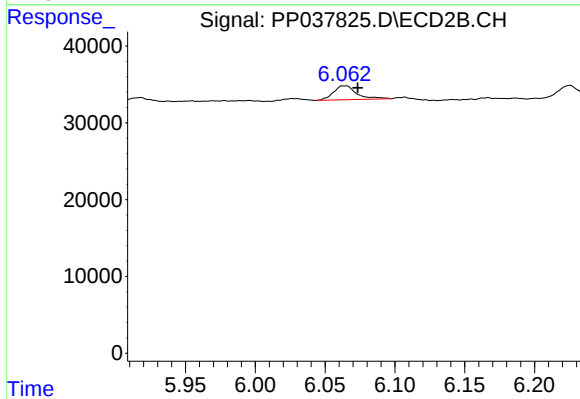
#19 AR-1242-4

R.T.: 5.502 min
Delta R.T.: -0.008 min
Response: 26429
Conc: 51.28 ng/ml



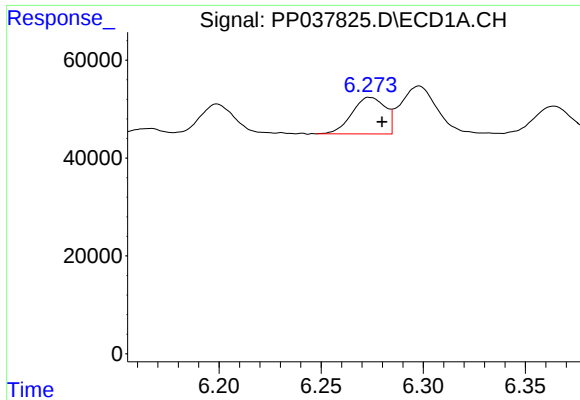
#20 AR-1242-5

R.T.: 7.253 min
Delta R.T.: -0.007 min
Response: 1545
Conc: 1.49 ng/ml



#20 AR-1242-5

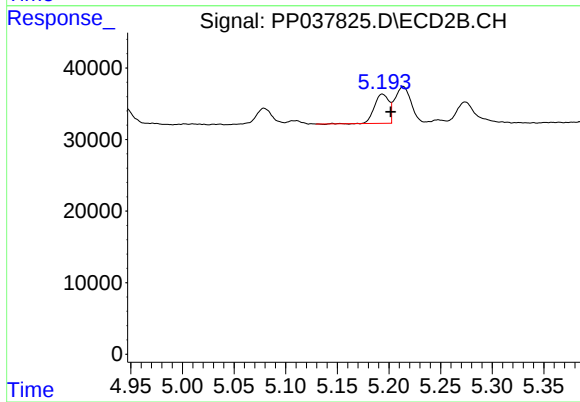
R.T.: 6.064 min
Delta R.T.: -0.009 min
Response: 20879
Conc: 30.67 ng/ml



#21 AR-1248-1

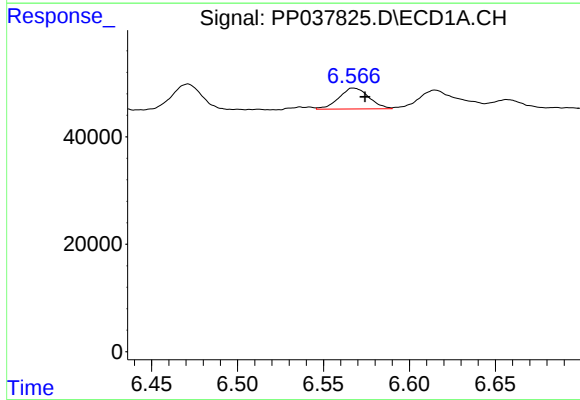
R.T.: 6.274 min
Delta R.T.: -0.006 min
Response: 85004
Conc: 80.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



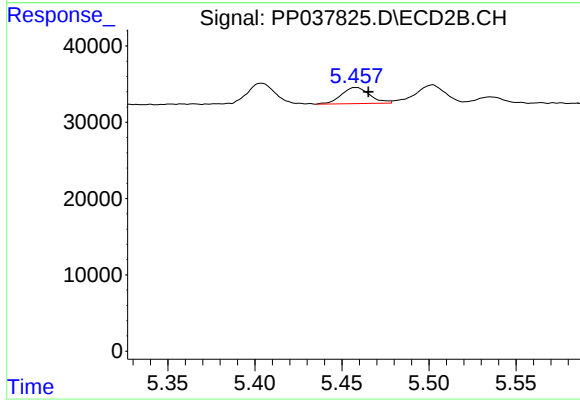
#21 AR-1248-1

R.T.: 5.194 min
Delta R.T.: -0.008 min
Response: 39971
Conc: 63.34 ng/ml



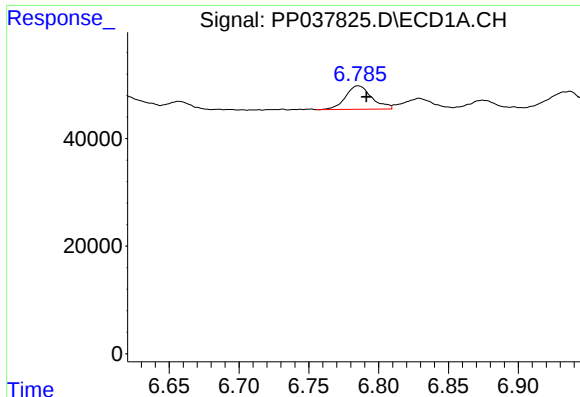
#22 AR-1248-2

R.T.: 6.567 min
Delta R.T.: -0.007 min
Response: 47427
Conc: 31.95 ng/ml



#22 AR-1248-2

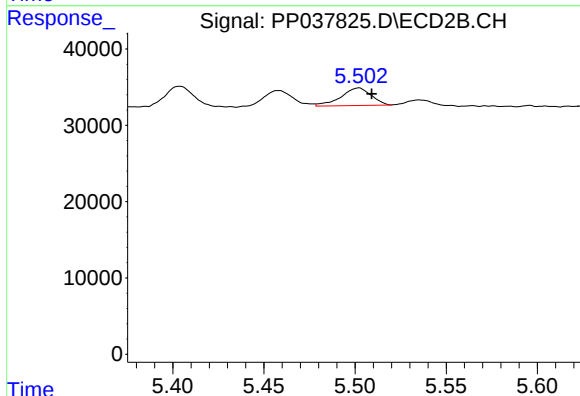
R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 23845
Conc: 29.07 ng/ml



#23 AR-1248-3

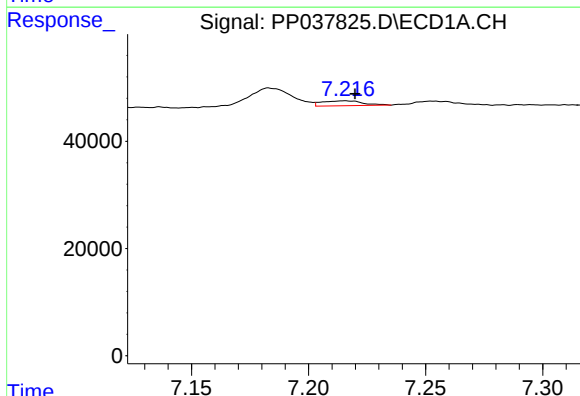
R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 56804
Conc: 34.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



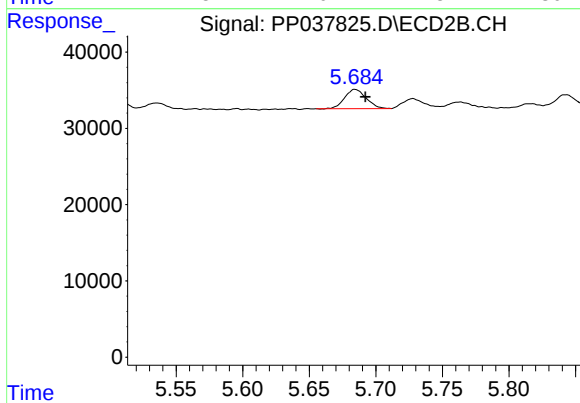
#23 AR-1248-3

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 26429
Conc: 30.88 ng/ml



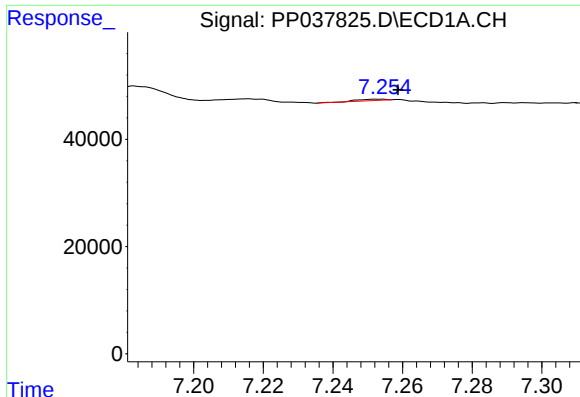
#24 AR-1248-4

R.T.: 7.216 min
Delta R.T.: -0.004 min
Response: 11164
Conc: 5.91 ng/ml



#24 AR-1248-4

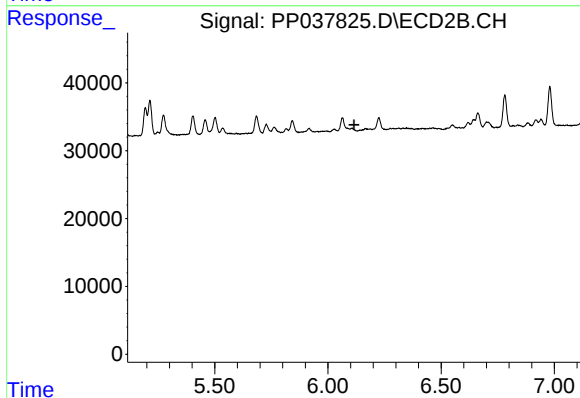
R.T.: 5.685 min
Delta R.T.: -0.008 min
Response: 28393
Conc: 27.90 ng/ml



#25 AR-1248-5

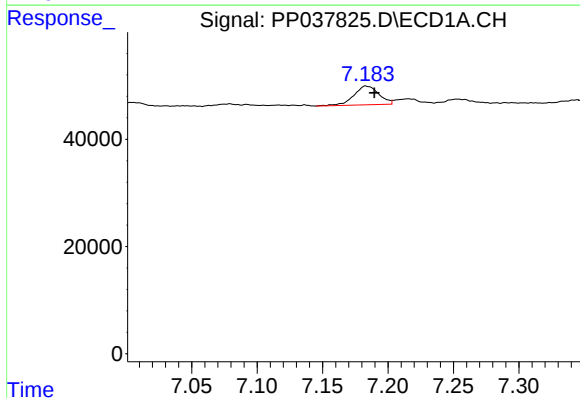
R.T.: 7.253 min
Delta R.T.: -0.006 min
Response: 1545
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



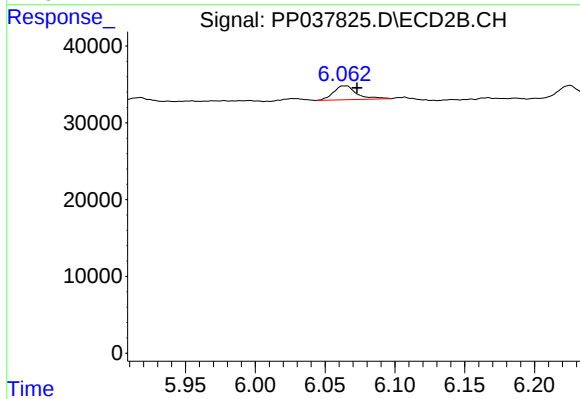
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



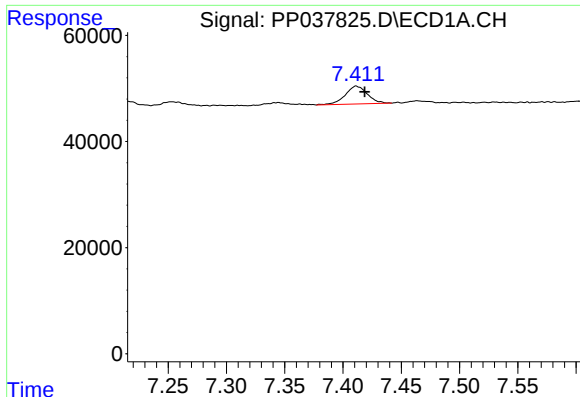
#26 AR-1254-1

R.T.: 7.183 min
Delta R.T.: -0.007 min
Response: 46396
Conc: 25.83 ng/ml



#26 AR-1254-1

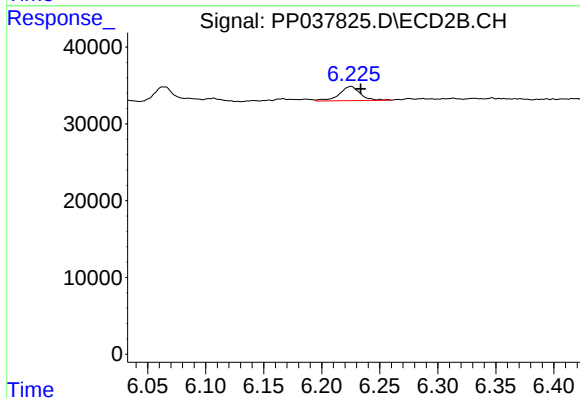
R.T.: 6.064 min
Delta R.T.: -0.009 min
Response: 20879
Conc: 14.06 ng/ml



#27 AR-1254-2

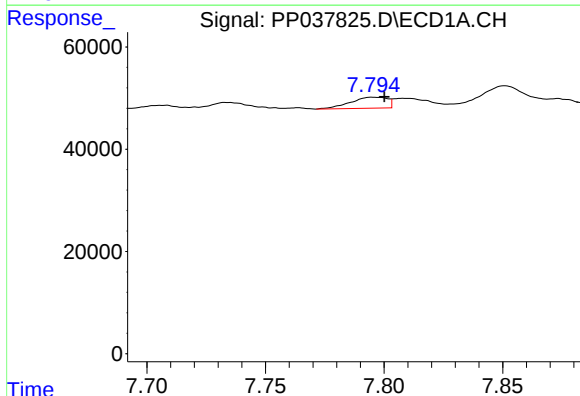
R.T.: 7.411 min
Delta R.T.: -0.007 min
Response: 44638
Conc: 16.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



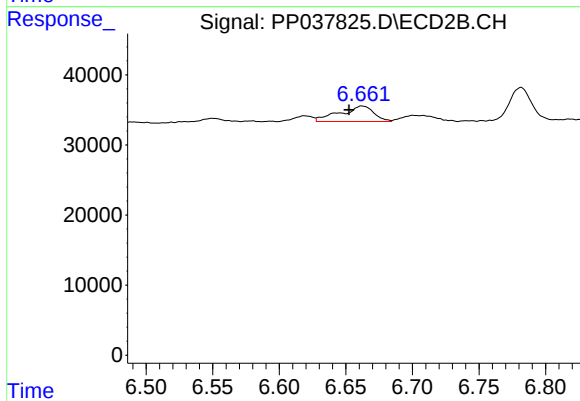
#27 AR-1254-2

R.T.: 6.225 min
Delta R.T.: -0.008 min
Response: 22868
Conc: 17.60 ng/ml



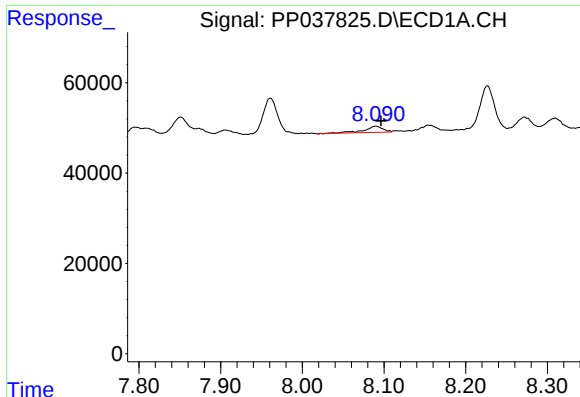
#28 AR-1254-3

R.T.: 7.795 min
Delta R.T.: -0.005 min
Response: 23129
Conc: 7.50 ng/ml



#28 AR-1254-3

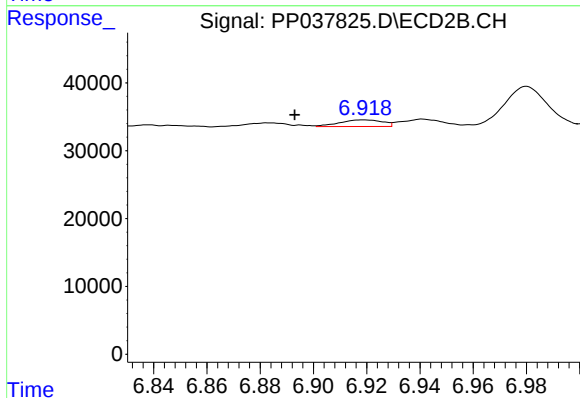
R.T.: 6.662 min
Delta R.T.: 0.010 min
Response: 39295
Conc: 18.41 ng/ml



#29 AR-1254-4

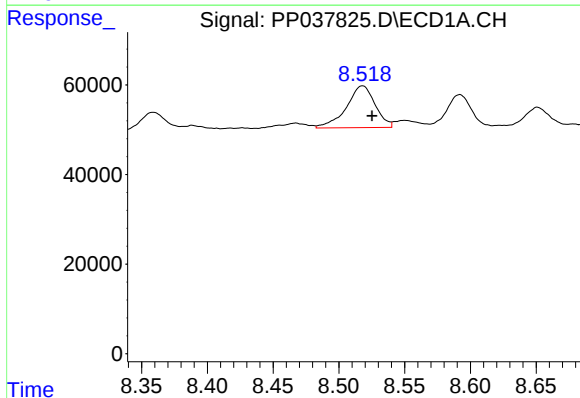
R.T.: 8.090 min
Delta R.T.: -0.006 min
Response: 21706
Conc: 9.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



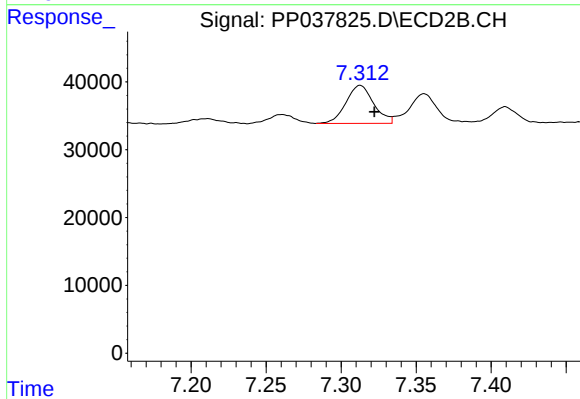
#29 AR-1254-4

R.T.: 6.919 min
Delta R.T.: 0.026 min
Response: 10990
Conc: 8.10 ng/ml



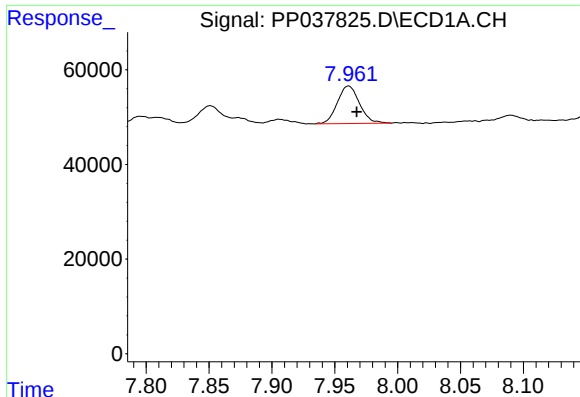
#30 AR-1254-5

R.T.: 8.518 min
Delta R.T.: -0.007 min
Response: 142501
Conc: 56.95 ng/ml



#30 AR-1254-5

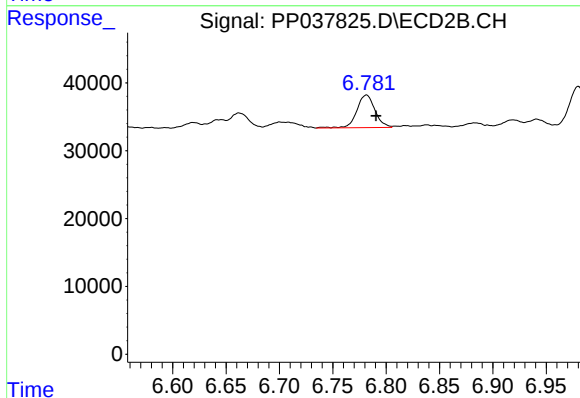
R.T.: 7.313 min
Delta R.T.: -0.009 min
Response: 72034
Conc: 38.43 ng/ml



#31 AR-1260-1

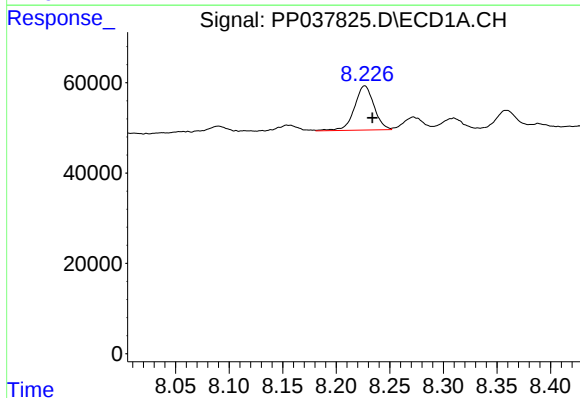
R.T.: 7.961 min
Delta R.T.: -0.006 min
Response: 97577
Conc: 44.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



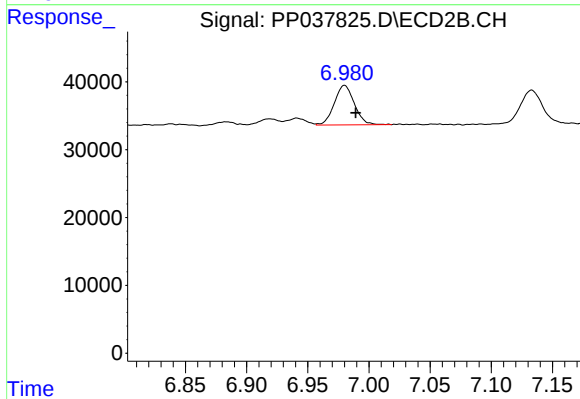
#31 AR-1260-1

R.T.: 6.782 min
Delta R.T.: -0.009 min
Response: 57068
Conc: 41.30 ng/ml



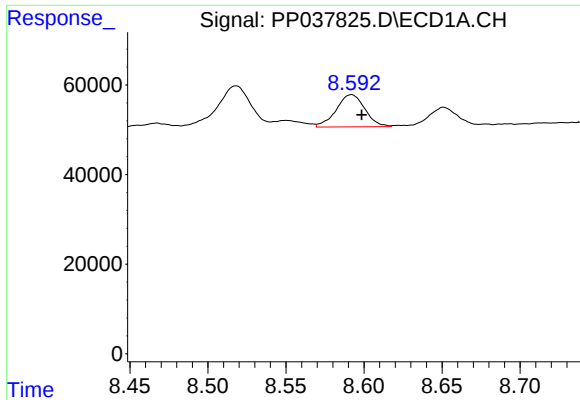
#32 AR-1260-2

R.T.: 8.227 min
Delta R.T.: -0.007 min
Response: 124348
Conc: 44.70 ng/ml



#32 AR-1260-2

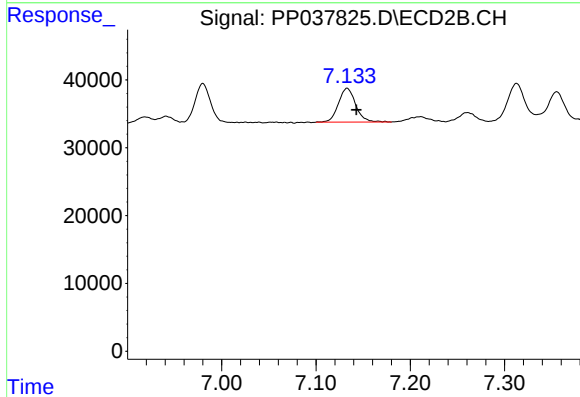
R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 66762
Conc: 39.74 ng/ml



#33 AR-1260-3

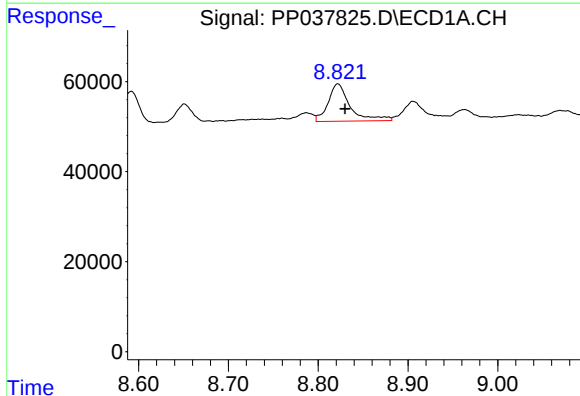
R.T.: 8.592 min
Delta R.T.: -0.007 min
Response: 92166
Conc: 45.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



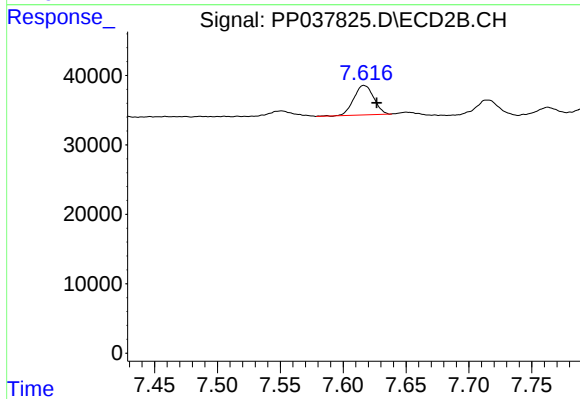
#33 AR-1260-3

R.T.: 7.133 min
Delta R.T.: -0.010 min
Response: 63490
Conc: 37.05 ng/ml



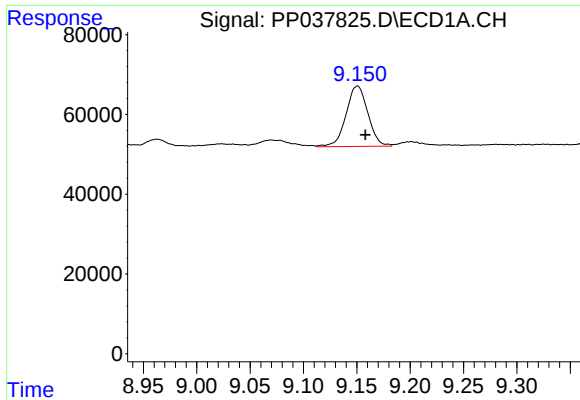
#34 AR-1260-4

R.T.: 8.822 min
Delta R.T.: -0.008 min
Response: 141695
Conc: 57.60 ng/ml



#34 AR-1260-4

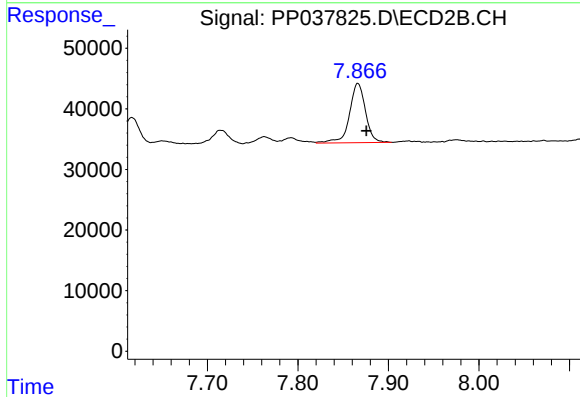
R.T.: 7.617 min
Delta R.T.: -0.010 min
Response: 46810
Conc: 34.43 ng/ml



#35 AR-1260-5

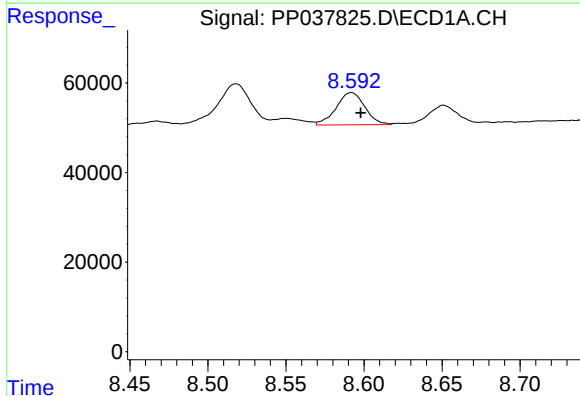
R.T.: 9.151 min
Delta R.T.: -0.008 min
Response: 216059
Conc: 46.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



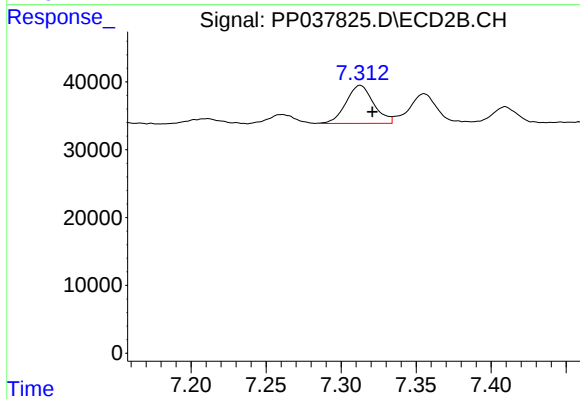
#35 AR-1260-5

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 120116
Conc: 37.24 ng/ml



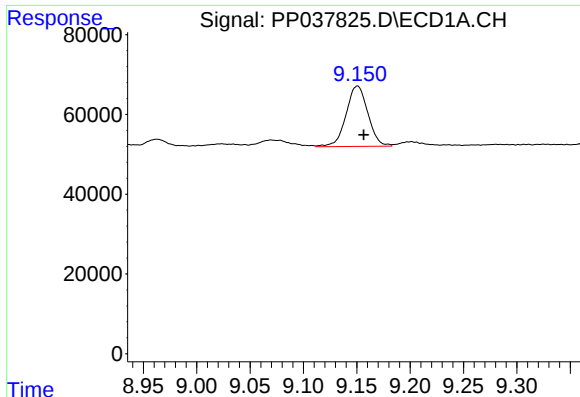
#36 AR-1262-1

R.T.: 8.592 min
Delta R.T.: -0.006 min
Response: 92166
Conc: 31.64 ng/ml



#36 AR-1262-1

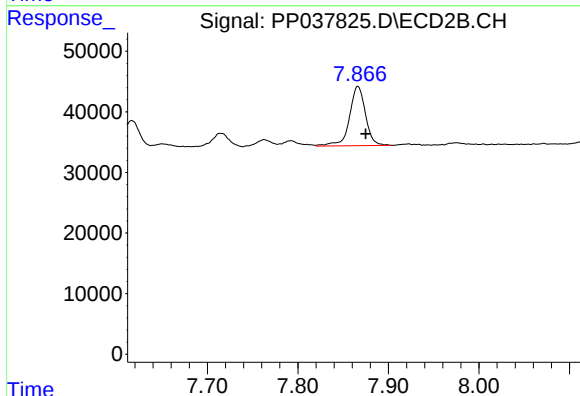
R.T.: 7.313 min
Delta R.T.: -0.008 min
Response: 72034
Conc: 69.37 ng/ml



#37 AR-1262-2

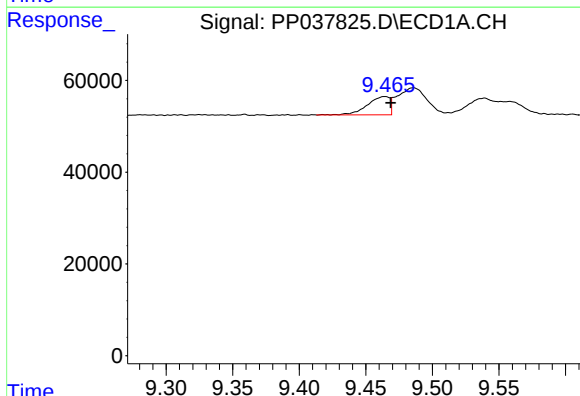
R.T.: 9.151 min
Delta R.T.: -0.006 min
Response: 216059
Conc: 41.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



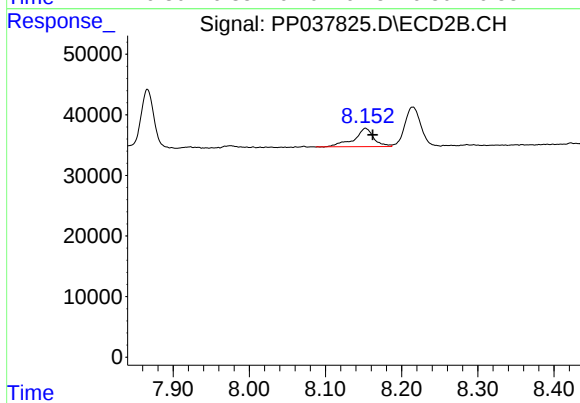
#37 AR-1262-2

R.T.: 7.866 min
Delta R.T.: -0.009 min
Response: 120116
Conc: 34.53 ng/ml



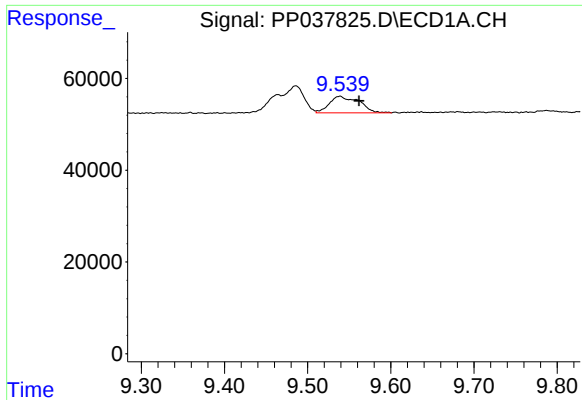
#38 AR-1262-3

R.T.: 9.464 min
Delta R.T.: -0.005 min
Response: 46943
Conc: 12.25 ng/ml



#38 AR-1262-3

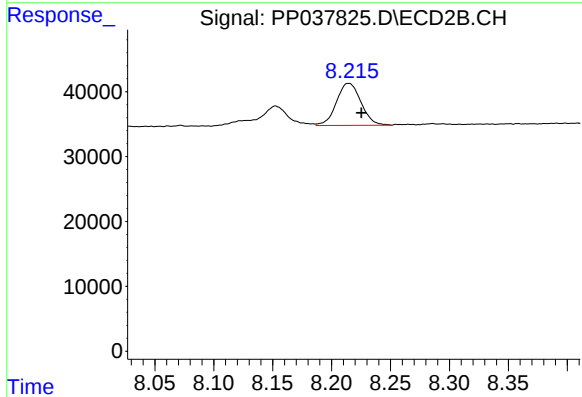
R.T.: 8.153 min
Delta R.T.: -0.009 min
Response: 54470
Conc: 38.69 ng/ml



#39 AR-1262-4

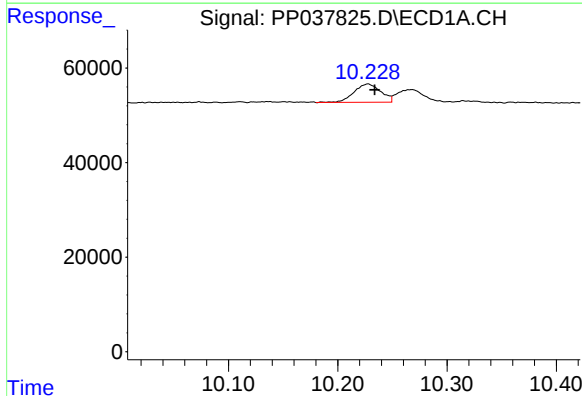
R.T.: 9.539 min
Delta R.T.: -0.023 min
Response: 90849
Conc: 30.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



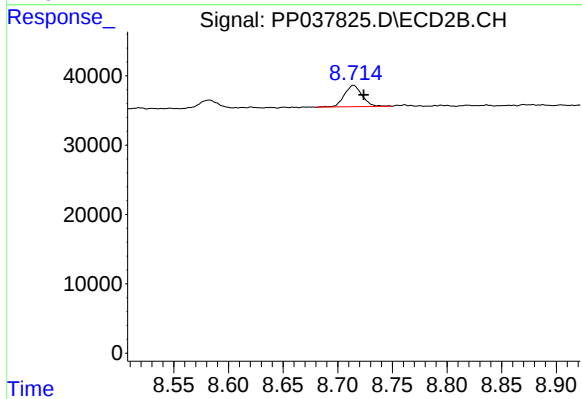
#39 AR-1262-4

R.T.: 8.215 min
Delta R.T.: -0.011 min
Response: 94089
Conc: 35.33 ng/ml



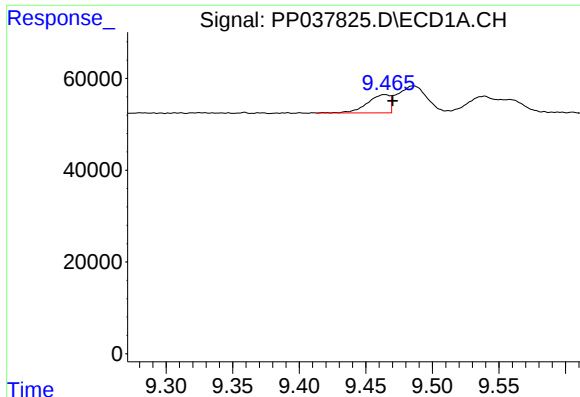
#40 AR-1262-5

R.T.: 10.228 min
Delta R.T.: -0.006 min
Response: 65625
Conc: 30.86 ng/ml



#40 AR-1262-5

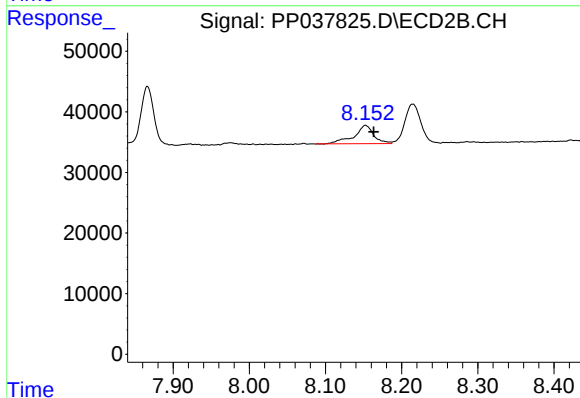
R.T.: 8.714 min
Delta R.T.: -0.009 min
Response: 34768
Conc: 27.51 ng/ml



#41 AR-1268-1

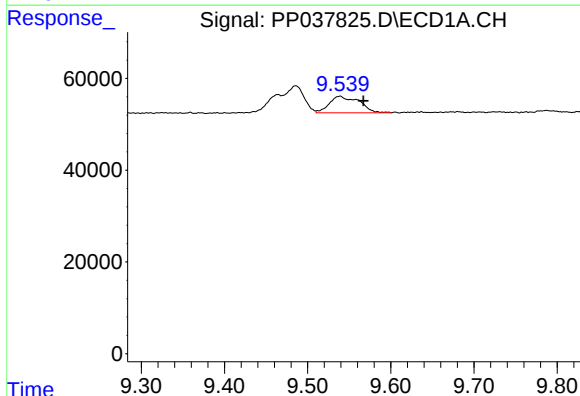
R.T.: 9.464 min
Delta R.T.: -0.006 min
Response: 46943
Conc: 7.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



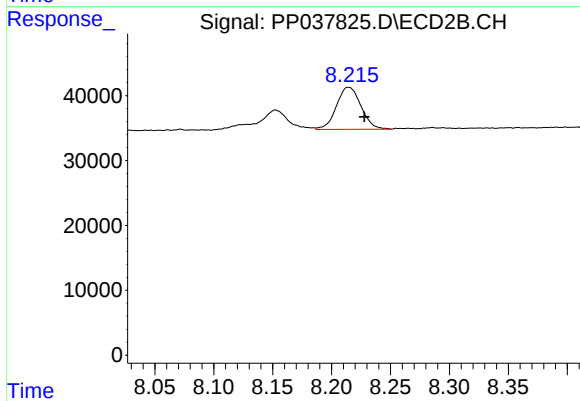
#41 AR-1268-1

R.T.: 8.153 min
Delta R.T.: -0.011 min
Response: 54470
Conc: 13.67 ng/ml



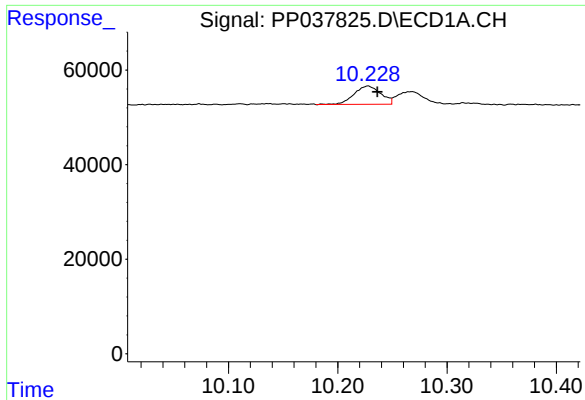
#42 AR-1268-2

R.T.: 9.539 min
Delta R.T.: -0.028 min
Response: 90849
Conc: 15.81 ng/ml



#42 AR-1268-2

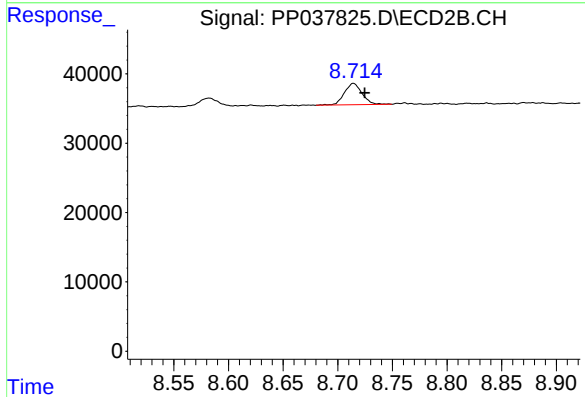
R.T.: 8.215 min
Delta R.T.: -0.013 min
Response: 94089
Conc: 25.42 ng/ml



#44 AR-1268-4

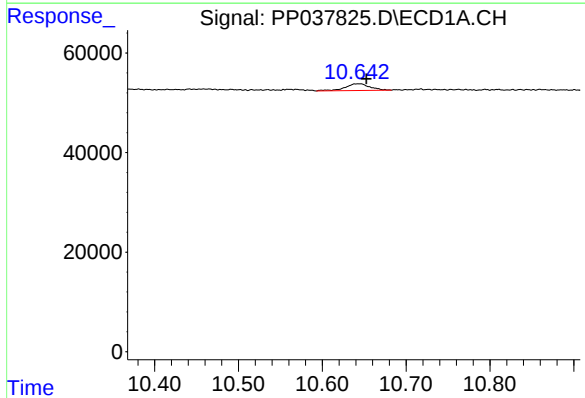
R.T.: 10.228 min
Delta R.T.: -0.009 min
Response: 65625
Conc: 28.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



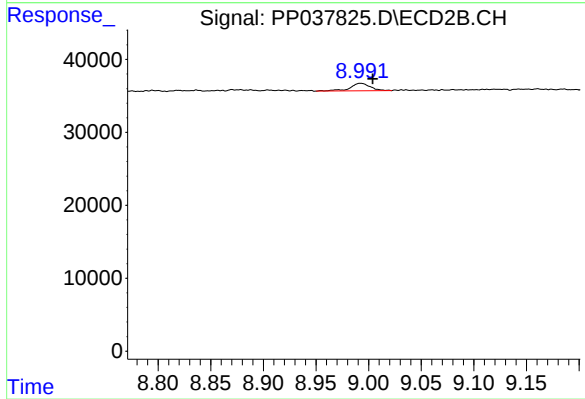
#44 AR-1268-4

R.T.: 8.714 min
Delta R.T.: -0.010 min
Response: 34768
Conc: 25.37 ng/ml



#45 AR-1268-5

R.T.: 10.644 min
Delta R.T.: -0.009 min
Response: 27912
Conc: 1.76 ng/ml



#45 AR-1268-5

R.T.: 8.992 min
Delta R.T.: -0.011 min
Response: 13865
Conc: 1.35 ng/ml