

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030921\
 Data File : PP033787.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Mar 2021 3:31
 Operator : DD\AJ
 Sample : M1458-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 05:59:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 10 03:01:34 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...	4.857	4.270	1695561	797134	19.596	19.621
2)	SA Decachlor...	10.782	9.598	1743546	573289	20.645	21.483
Target Compounds							
3)	L1 AR-1016-1	6.169	5.528	139613	57813	52.405	50.795
4)	L1 AR-1016-2	6.192	5.548	200400	80015	49.581	48.405
5)	L1 AR-1016-3	6.258	5.741	130782	41851	52.850	45.673
6)	L1 AR-1016-4	6.364	5.790	98284	34985	48.215	48.448
7)	L1 AR-1016-5	6.677	6.021	98012	42627	48.353	46.104
8)	L2 AR-1221-1	5.111	0.000	46659	0	50.563	N.D. #
9)	L2 AR-1221-2	5.205	4.626	34839	16112	49.580	49.792
10)	L2 AR-1221-3	5.290	4.716	96485	29823	45.840	30.425 #
11)	L3 AR-1232-1	5.290	4.716	96485	29823	55.768	36.709 #
12)	L3 AR-1232-2	5.875	5.548	113048	80015	123.437	110.412
13)	L3 AR-1232-3	6.192	5.741	200400	41851	118.562	108.828
14)	L3 AR-1232-4	6.364	5.835	98284	43240	115.053	129.644
15)	L3 AR-1232-5	6.462	6.021	86448	42627	145.724	117.625
16)	L4 AR-1242-1	6.169	5.528	139613	57813	68.807	65.472
17)	L4 AR-1242-2	6.192	5.548	200400	80015	66.001	63.796
18)	L4 AR-1242-3	6.258	5.741	130782	41851	68.450	59.267
19)	L4 AR-1242-4	6.364	5.835	98284	43240	63.191	63.154
20)	L4 AR-1242-5	7.143	6.399	12386	28762	7.716	35.980 #
21)	L5 AR-1248-1	6.169	5.528	139613	57813	89.498	84.931
22)	L5 AR-1248-2	6.462	5.790	86448	34985	40.612	37.286
23)	L5 AR-1248-3	6.677	5.835	98012	43240	38.024	42.942
24)	L5 AR-1248-4	7.104	6.021	17657	42627	6.382	36.409 #
25)	L5 AR-1248-5	7.143	0.000	12386	0	4.541	N.D. #
26)	L6 AR-1254-1	7.074	6.399	62781	28762	22.018	17.483
27)	L6 AR-1254-2	7.303	6.555	79999	29999	18.224	20.938
28)	L6 AR-1254-3	7.685	6.994	60406	66790	12.730	28.933 #
29)	L6 AR-1254-4	7.979	7.244f	90176	15482	26.722	11.970 #
30)	L6 AR-1254-5	8.404	7.640	241936	90090	64.579	46.386 #
31)	L7 AR-1260-1	7.850	7.112	188215	72284	54.808	47.298
32)	L7 AR-1260-2	8.115	7.306	215838	95856	52.423	52.995
33)	L7 AR-1260-3	8.479	7.462	177295	81309	54.775	48.010
34)	L7 AR-1260-4	8.708	7.945	215279	70222	58.118	47.747
35)	L7 AR-1260-5	9.027	8.186	360323	172489	46.576	53.052
36)	L8 AR-1262-1	8.479	7.640	177295	90090	37.262	84.750 #
37)	L8 AR-1262-2	9.027	8.186	360323	172489	41.688	51.764
38)	L8 AR-1262-3	9.349f	8.473	207484	46719	34.188	32.714
39)	L8 AR-1262-4	9.401f	8.535	138986	109508	28.040	43.435 #
40)	L8 AR-1262-5	10.064	9.034	118180	35620	35.906	31.249
41)	L9 AR-1268-1	9.349f	8.473	207484	46719	19.927	12.215 #

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 Acq On : 10 Mar 2021 3:31
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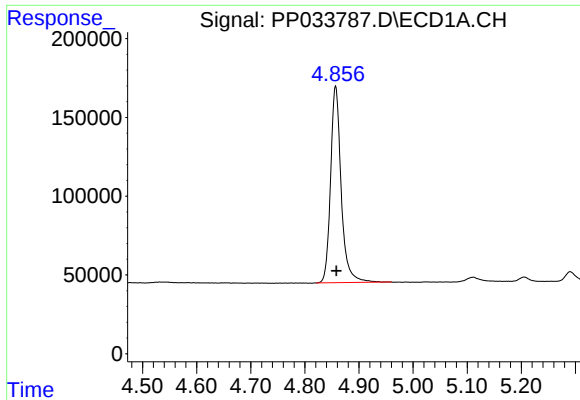
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 05:59:47 2021
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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
42) L9	AR-1268-2	9.401f	8.535	138986	109508	13.752	30.649 #
43) L9	AR-1268-3	9.640	8.746	23736	6400	2.673	2.060
44) L9	AR-1268-4	10.064	9.034	118180	35620	33.935	29.348
45) L9	AR-1268-5	10.460	9.335	46185	51559	1.562	5.639 #

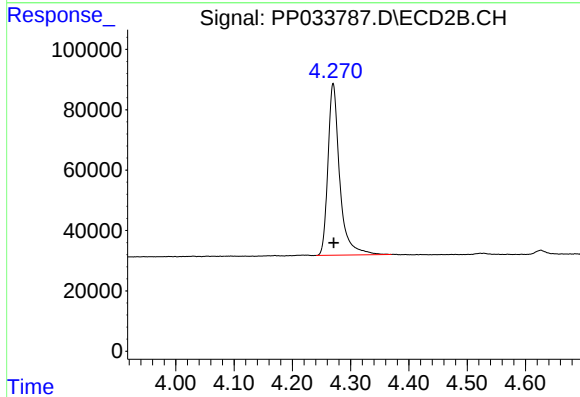
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

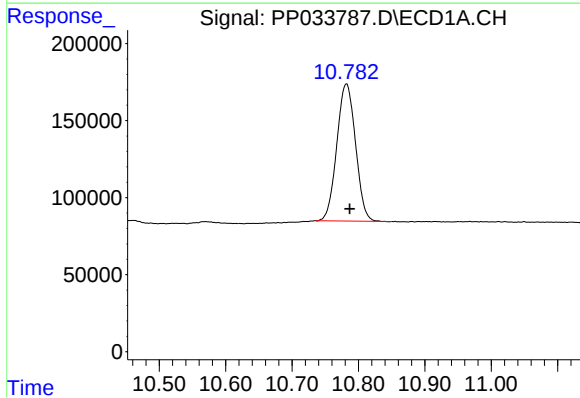
R.T.: 4.857 min
Delta R.T.: -0.001 min
Response: 1695561
Conc: 19.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



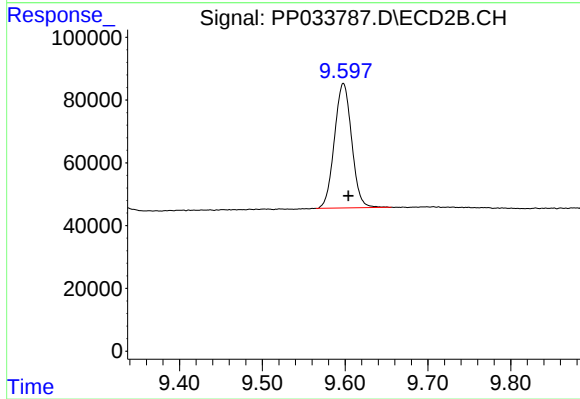
#1 Tetrachloro-m-xylene

R.T.: 4.270 min
Delta R.T.: -0.001 min
Response: 797134
Conc: 19.62 ng/ml



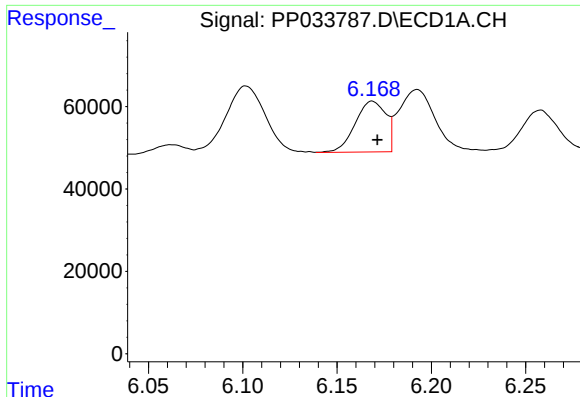
#2 Decachlorobiphenyl

R.T.: 10.782 min
Delta R.T.: -0.005 min
Response: 1743546
Conc: 20.64 ng/ml



#2 Decachlorobiphenyl

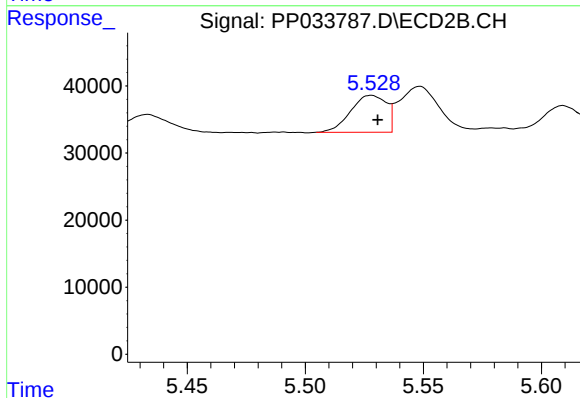
R.T.: 9.598 min
Delta R.T.: -0.006 min
Response: 573289
Conc: 21.48 ng/ml



#3 AR-1016-1

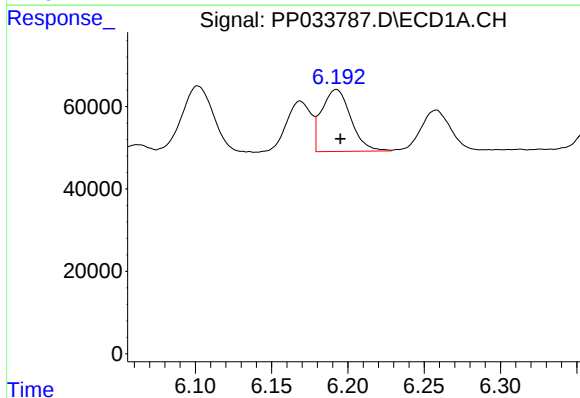
R.T.: 6.169 min
Delta R.T.: -0.003 min
Response: 139613
Conc: 52.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



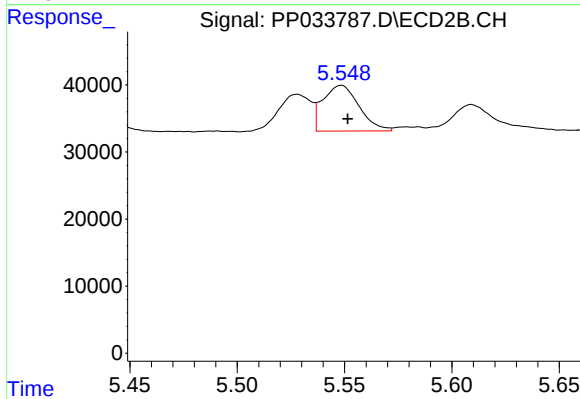
#3 AR-1016-1

R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 57813
Conc: 50.80 ng/ml



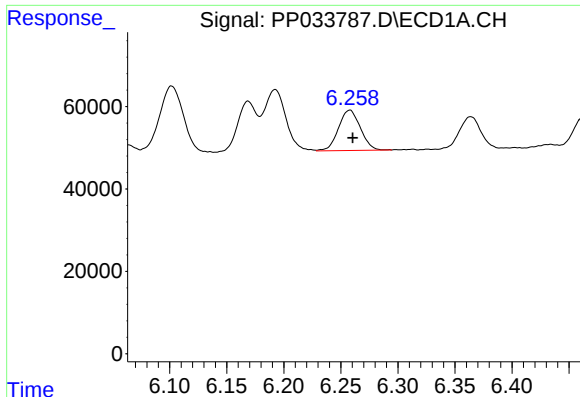
#4 AR-1016-2

R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 200400
Conc: 49.58 ng/ml



#4 AR-1016-2

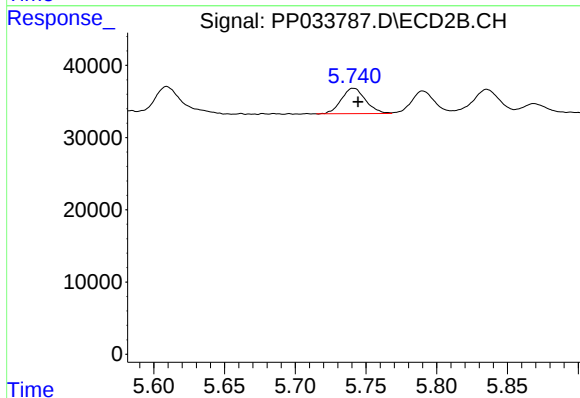
R.T.: 5.548 min
Delta R.T.: -0.003 min
Response: 80015
Conc: 48.40 ng/ml



#5 AR-1016-3

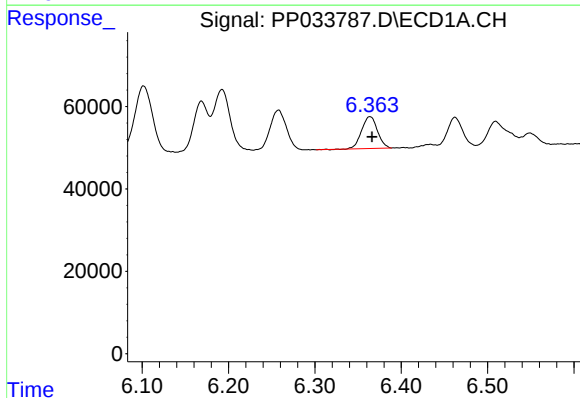
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 130782
Conc: 52.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



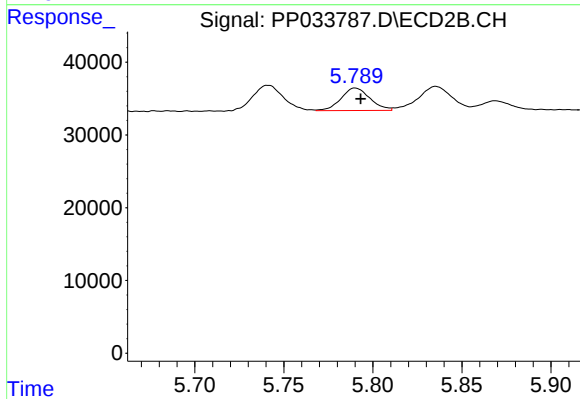
#5 AR-1016-3

R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 41851
Conc: 45.67 ng/ml



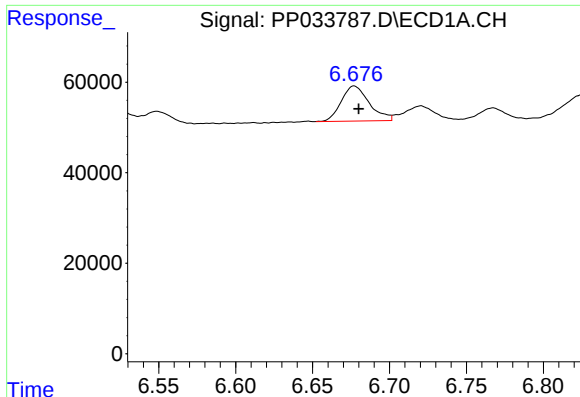
#6 AR-1016-4

R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 98284
Conc: 48.21 ng/ml



#6 AR-1016-4

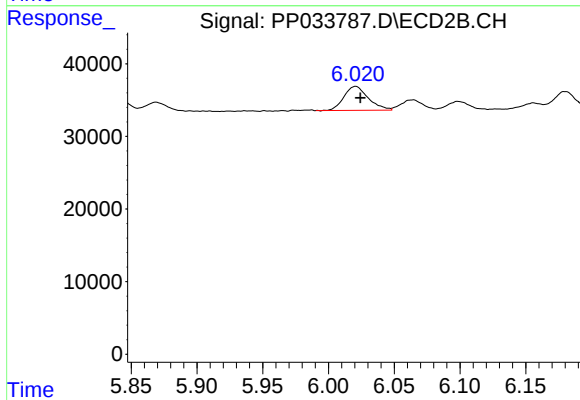
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 34985
Conc: 48.45 ng/ml



#7 AR-1016-5

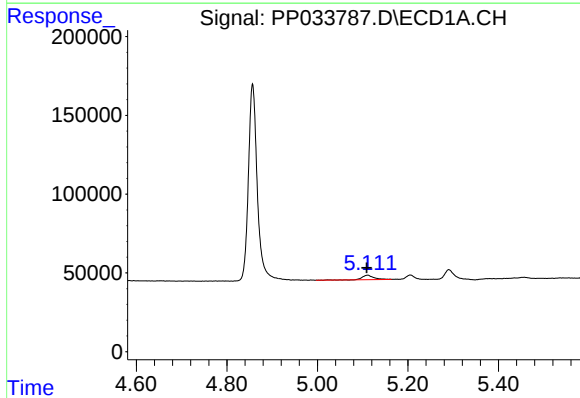
R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 98012
Conc: 48.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



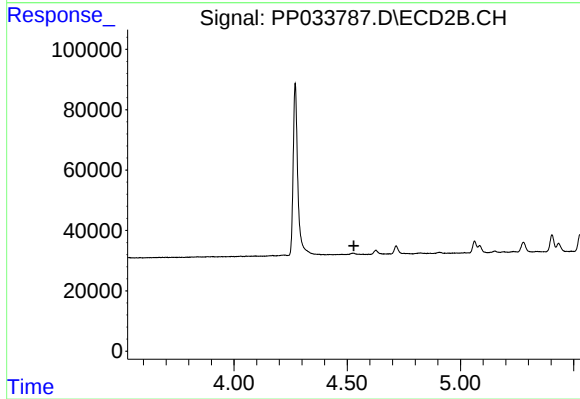
#7 AR-1016-5

R.T.: 6.021 min
Delta R.T.: -0.004 min
Response: 42627
Conc: 46.10 ng/ml



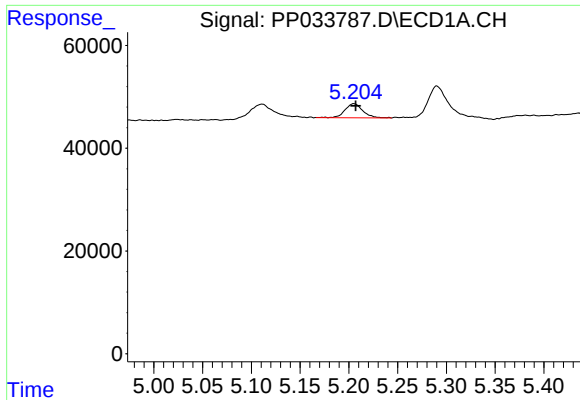
#8 AR-1221-1

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 46659
Conc: 50.56 ng/ml



#8 AR-1221-1

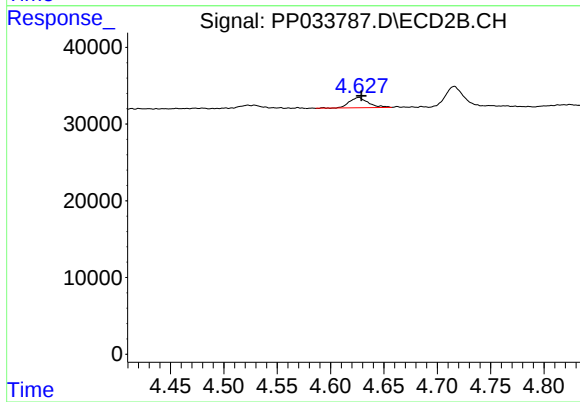
R.T.: 0.000 min
Exp R.T.: 4.529 min
Response: 0
Conc: N.D.



#9 AR-1221-2

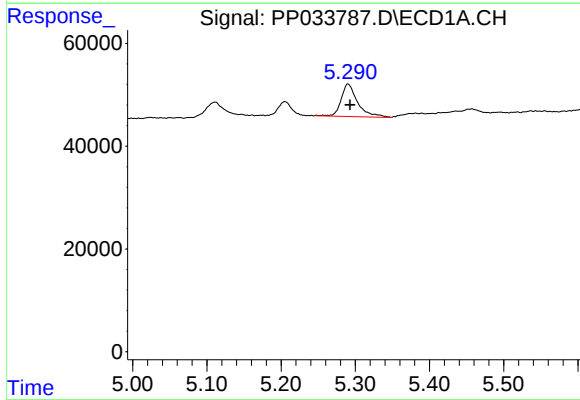
R.T.: 5.205 min
Delta R.T.: -0.002 min
Response: 34839
Conc: 49.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



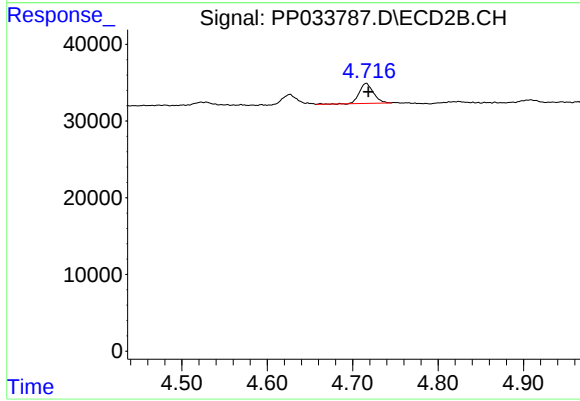
#9 AR-1221-2

R.T.: 4.626 min
Delta R.T.: -0.002 min
Response: 16112
Conc: 49.79 ng/ml



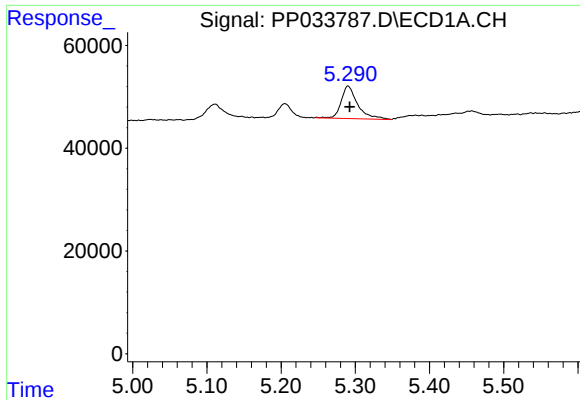
#10 AR-1221-3

R.T.: 5.290 min
Delta R.T.: -0.003 min
Response: 96485
Conc: 45.84 ng/ml



#10 AR-1221-3

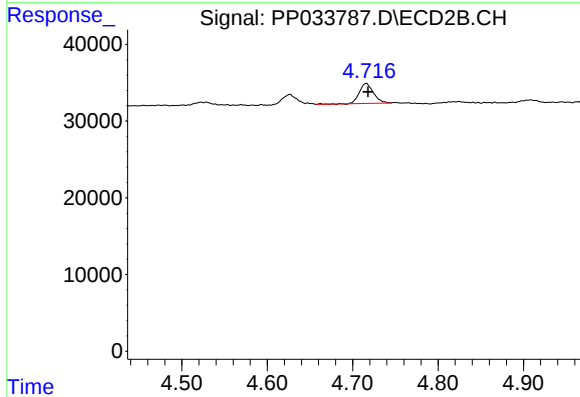
R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 29823
Conc: 30.42 ng/ml



#11 AR-1232-1

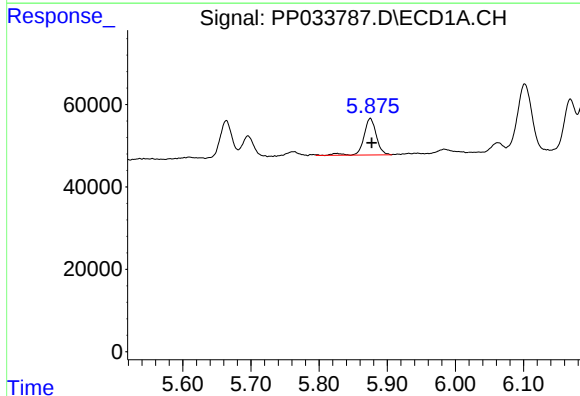
R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 96485
Conc: 55.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



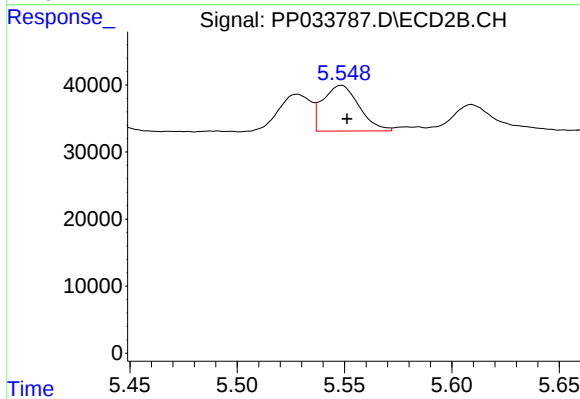
#11 AR-1232-1

R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 29823
Conc: 36.71 ng/ml



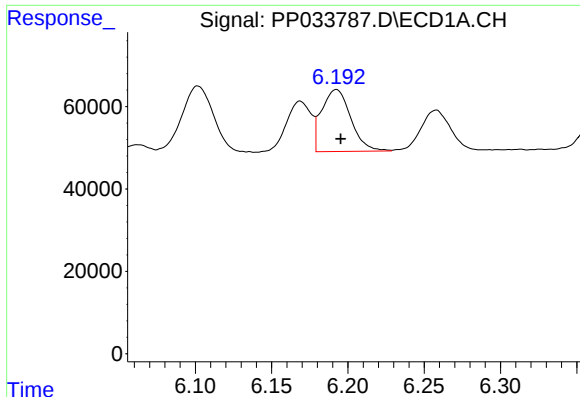
#12 AR-1232-2

R.T.: 5.875 min
Delta R.T.: -0.002 min
Response: 113048
Conc: 123.44 ng/ml



#12 AR-1232-2

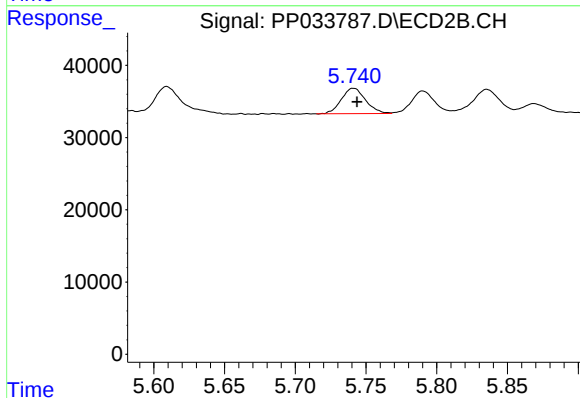
R.T.: 5.548 min
Delta R.T.: -0.003 min
Response: 80015
Conc: 110.41 ng/ml



#13 AR-1232-3

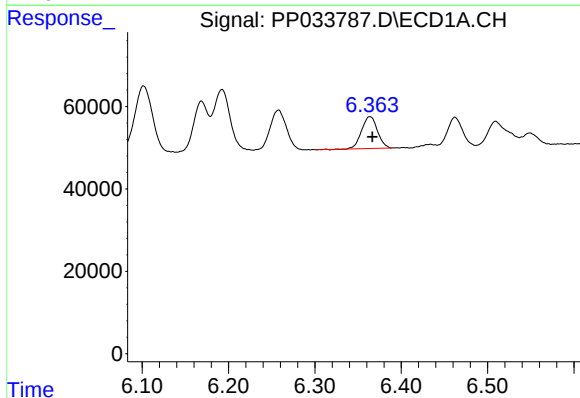
R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 200400
Conc: 118.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



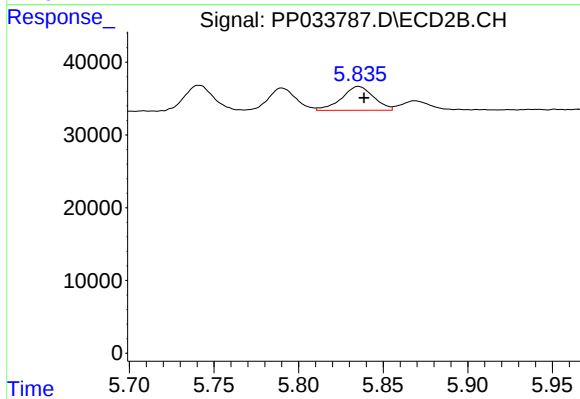
#13 AR-1232-3

R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 41851
Conc: 108.83 ng/ml



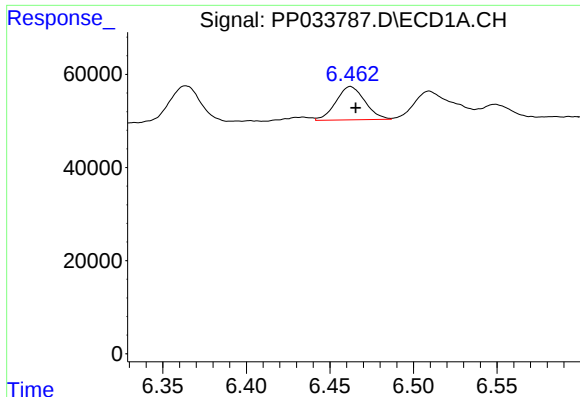
#14 AR-1232-4

R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 98284
Conc: 115.05 ng/ml



#14 AR-1232-4

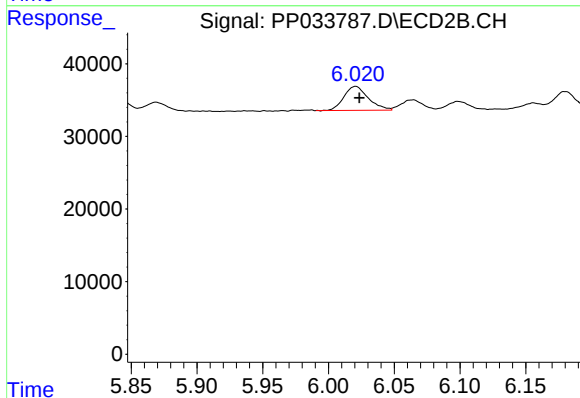
R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 43240
Conc: 129.64 ng/ml



#15 AR-1232-5

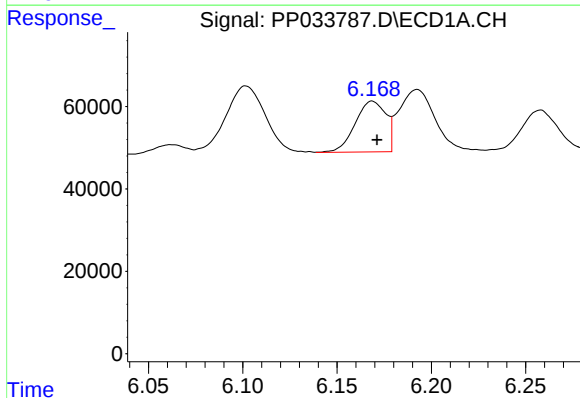
R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 86448
Conc: 145.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



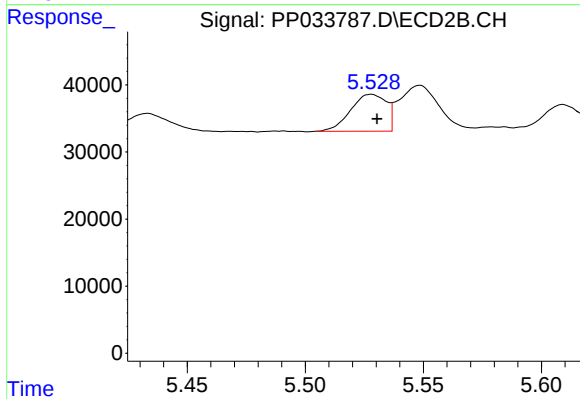
#15 AR-1232-5

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 42627
Conc: 117.63 ng/ml



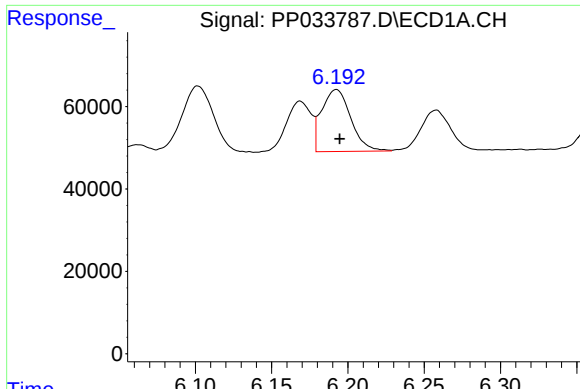
#16 AR-1242-1

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 139613
Conc: 68.81 ng/ml



#16 AR-1242-1

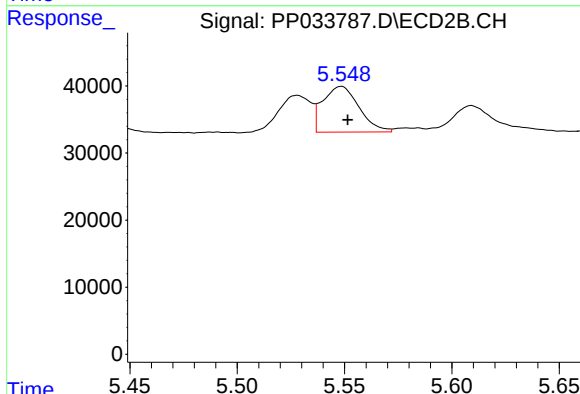
R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 57813
Conc: 65.47 ng/ml



#17 AR-1242-2

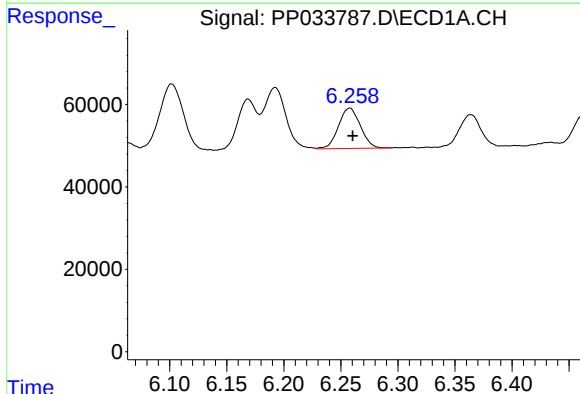
R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 200400
Conc: 66.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



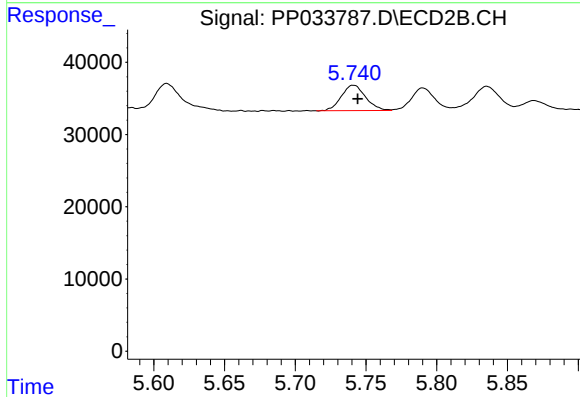
#17 AR-1242-2

R.T.: 5.548 min
Delta R.T.: -0.003 min
Response: 80015
Conc: 63.80 ng/ml



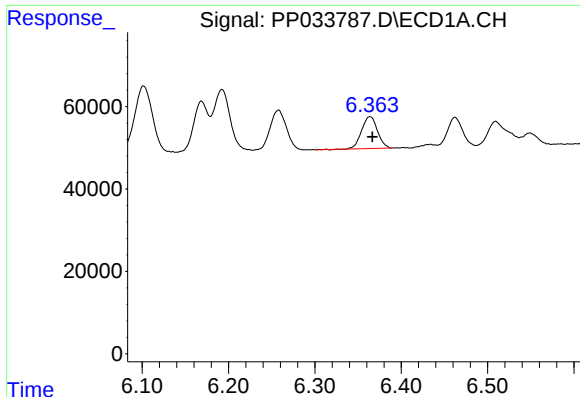
#18 AR-1242-3

R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 130782
Conc: 68.45 ng/ml



#18 AR-1242-3

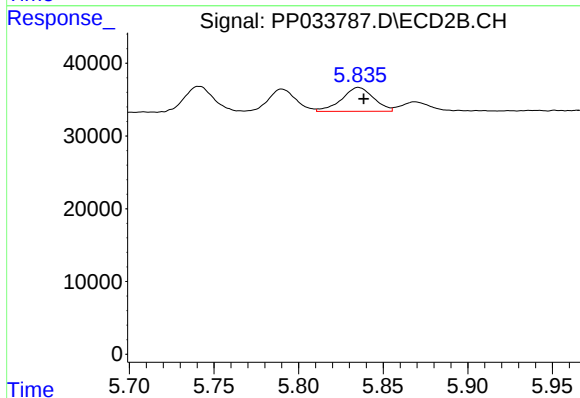
R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 41851
Conc: 59.27 ng/ml



#19 AR-1242-4

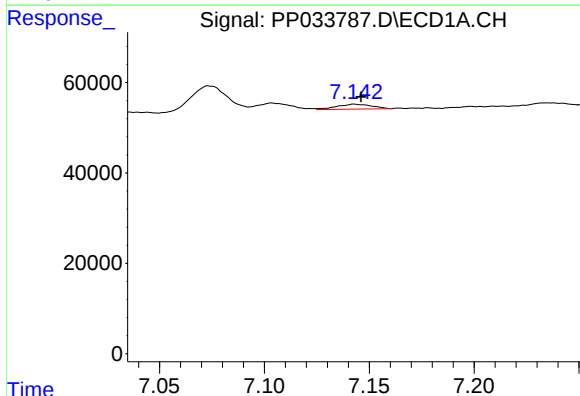
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 98284
Conc: 63.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



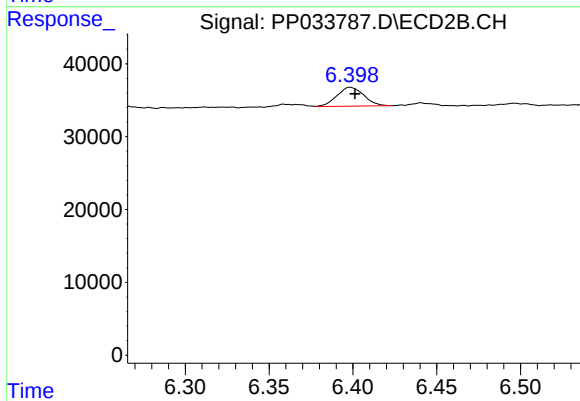
#19 AR-1242-4

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 43240
Conc: 63.15 ng/ml



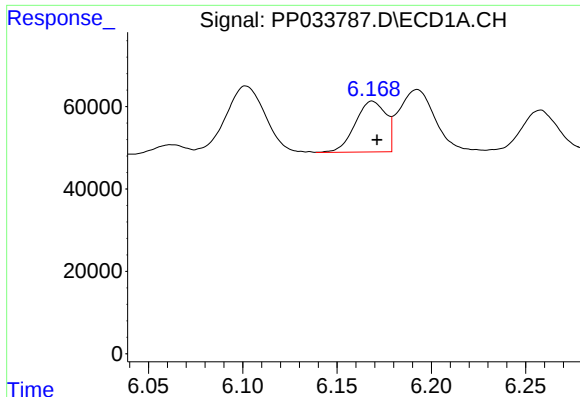
#20 AR-1242-5

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 12386
Conc: 7.72 ng/ml



#20 AR-1242-5

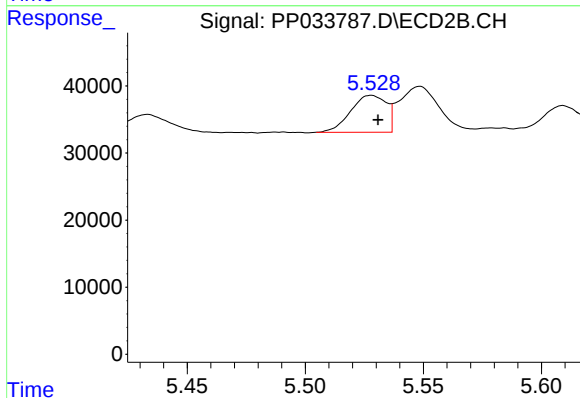
R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 28762
Conc: 35.98 ng/ml



#21 AR-1248-1

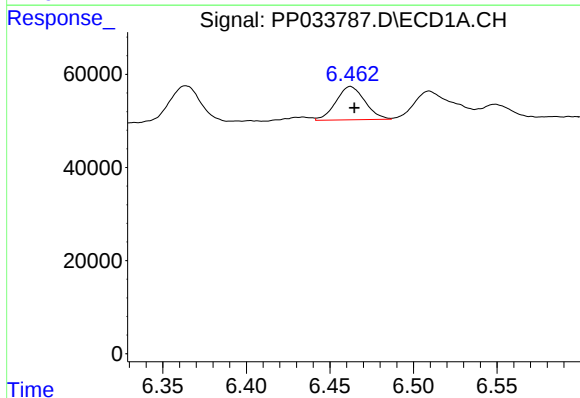
R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 139613
Conc: 89.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



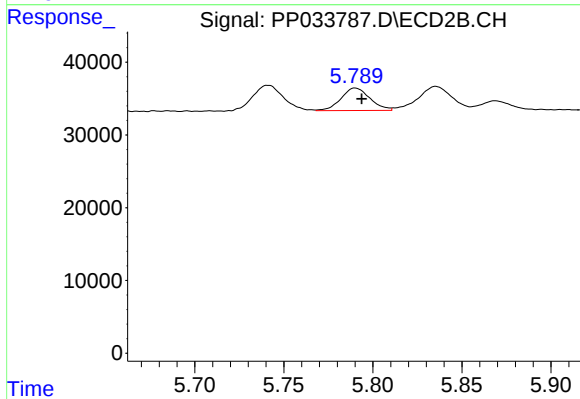
#21 AR-1248-1

R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 57813
Conc: 84.93 ng/ml



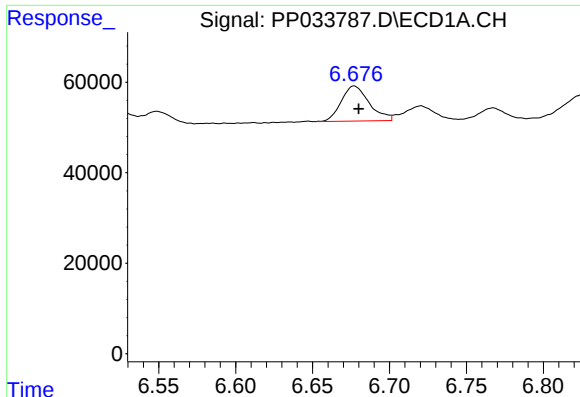
#22 AR-1248-2

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 86448
Conc: 40.61 ng/ml



#22 AR-1248-2

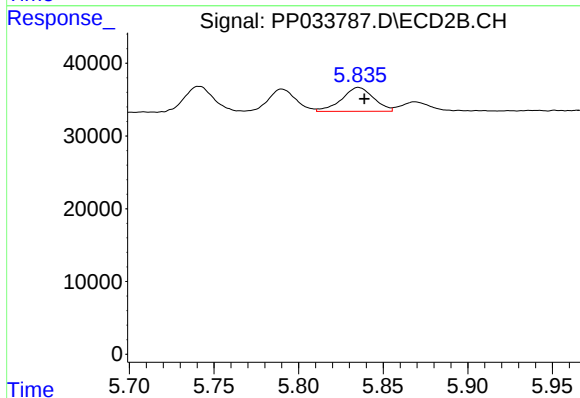
R.T.: 5.790 min
Delta R.T.: -0.004 min
Response: 34985
Conc: 37.29 ng/ml



#23 AR-1248-3

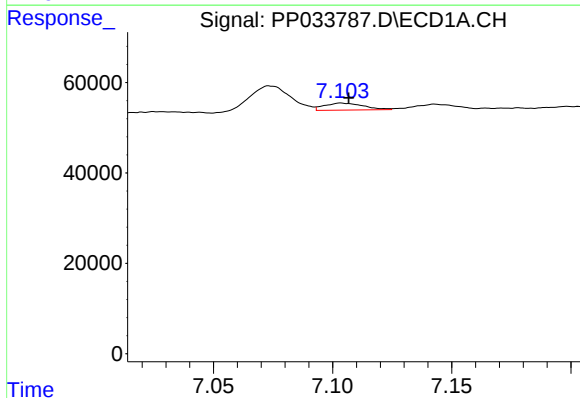
R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 98012
Conc: 38.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



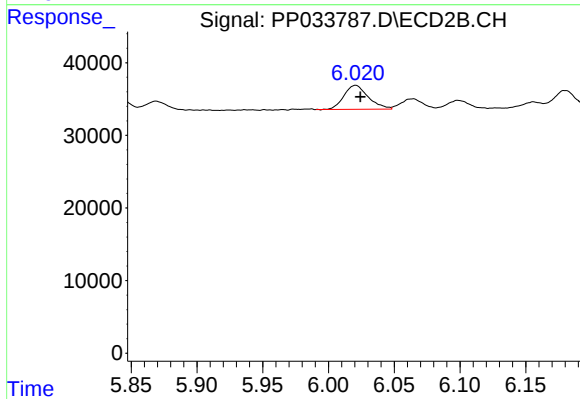
#23 AR-1248-3

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 43240
Conc: 42.94 ng/ml



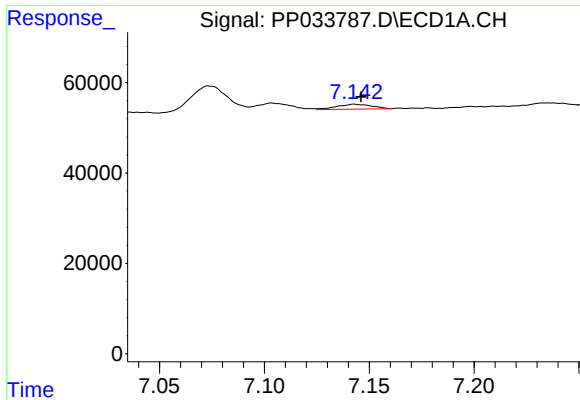
#24 AR-1248-4

R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 17657
Conc: 6.38 ng/ml



#24 AR-1248-4

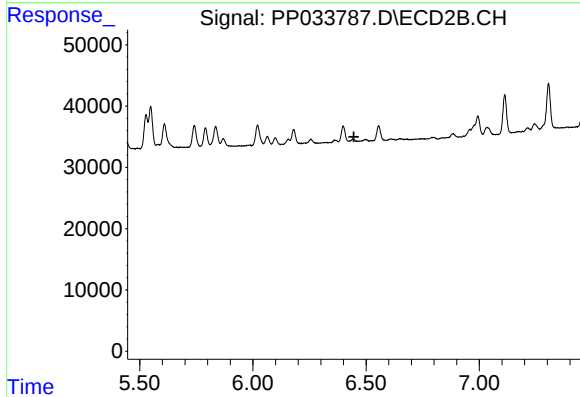
R.T.: 6.021 min
Delta R.T.: -0.004 min
Response: 42627
Conc: 36.41 ng/ml



#25 AR-1248-5

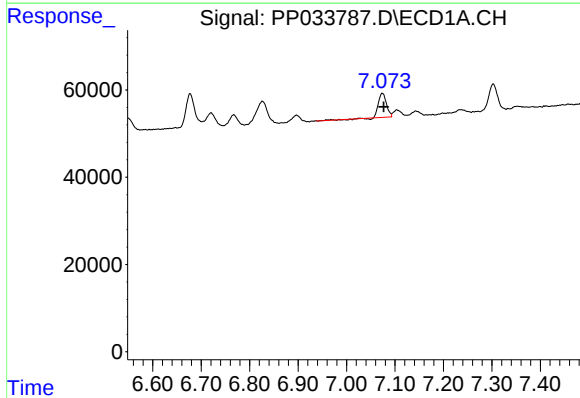
R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 12386
Conc: 4.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



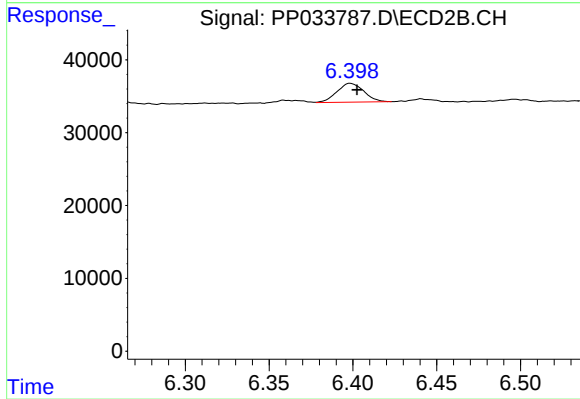
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.446 min
Response: 0
Conc: N.D.



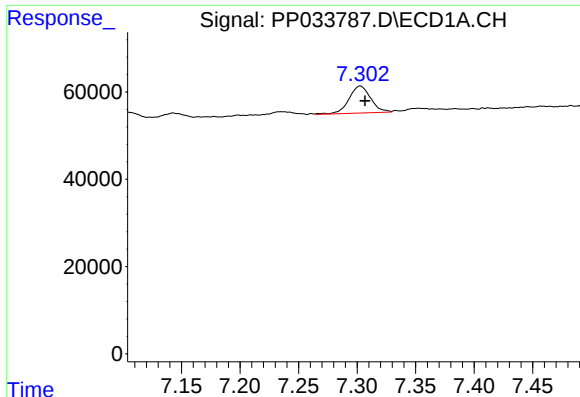
#26 AR-1254-1

R.T.: 7.074 min
Delta R.T.: -0.003 min
Response: 62781
Conc: 22.02 ng/ml



#26 AR-1254-1

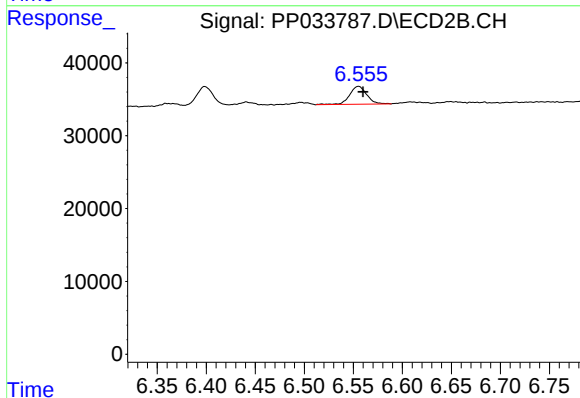
R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 28762
Conc: 17.48 ng/ml



#27 AR-1254-2

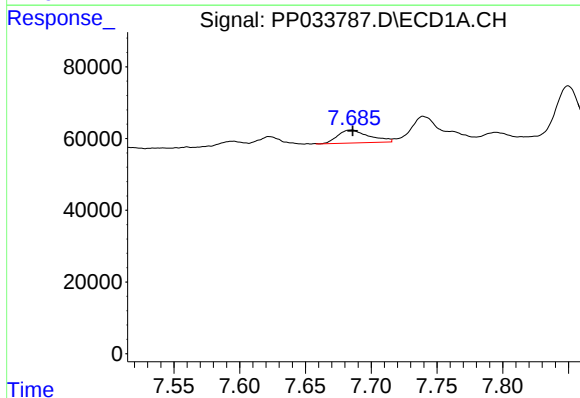
R.T.: 7.303 min
Delta R.T.: -0.004 min
Response: 79999
Conc: 18.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



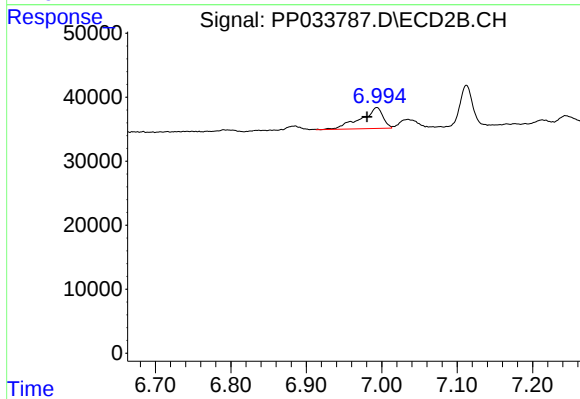
#27 AR-1254-2

R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 29999
Conc: 20.94 ng/ml



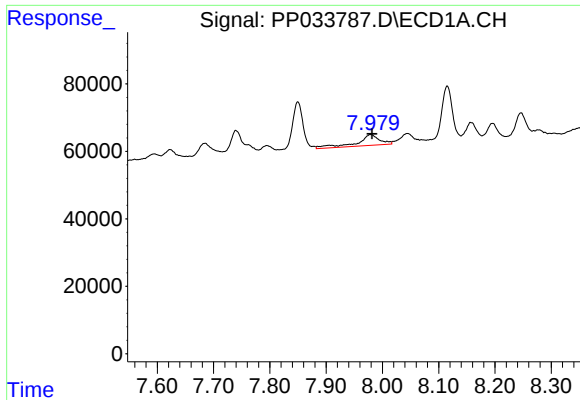
#28 AR-1254-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 60406
Conc: 12.73 ng/ml



#28 AR-1254-3

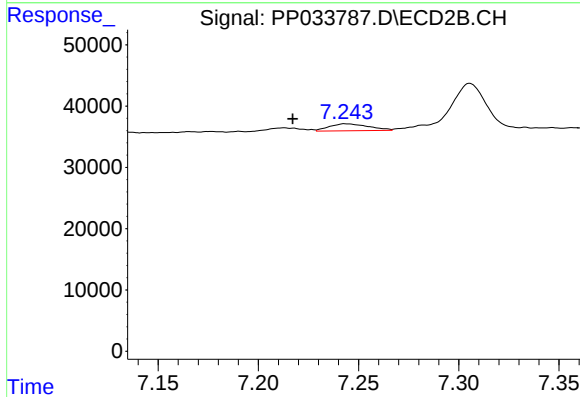
R.T.: 6.994 min
Delta R.T.: 0.013 min
Response: 66790
Conc: 28.93 ng/ml



#29 AR-1254-4

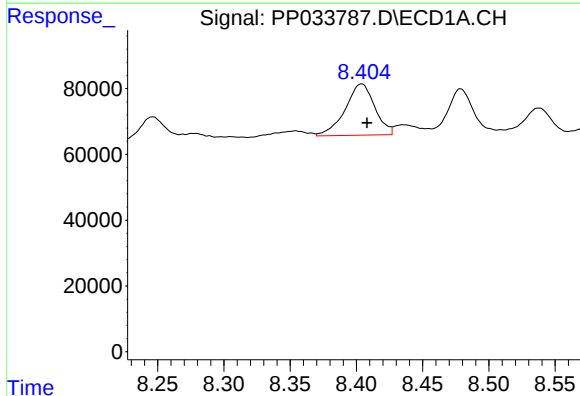
R.T.: 7.979 min
Delta R.T.: -0.003 min
Response: 90176
Conc: 26.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



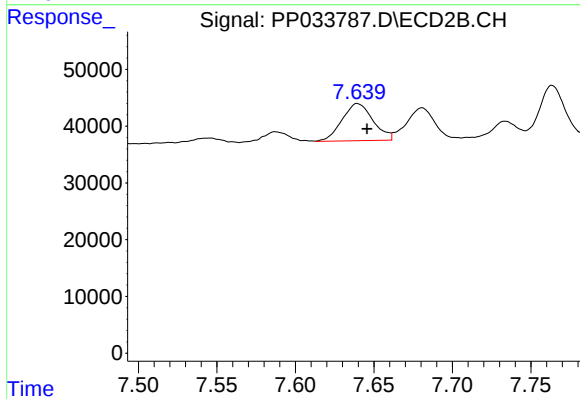
#29 AR-1254-4

R.T.: 7.244 min
Delta R.T.: 0.027 min
Response: 15482
Conc: 11.97 ng/ml



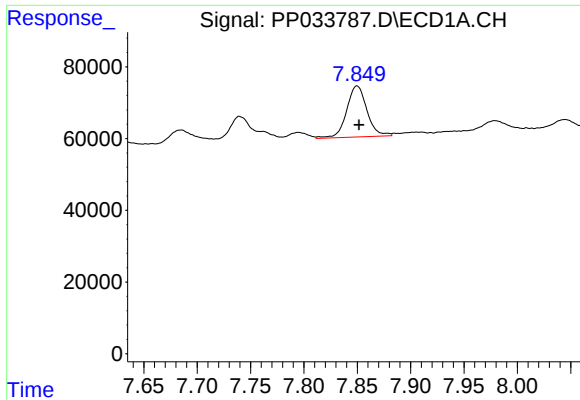
#30 AR-1254-5

R.T.: 8.404 min
Delta R.T.: -0.004 min
Response: 241936
Conc: 64.58 ng/ml



#30 AR-1254-5

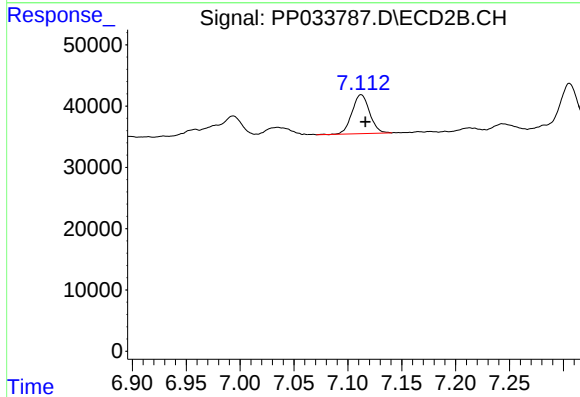
R.T.: 7.640 min
Delta R.T.: -0.006 min
Response: 90090
Conc: 46.39 ng/ml



#31 AR-1260-1

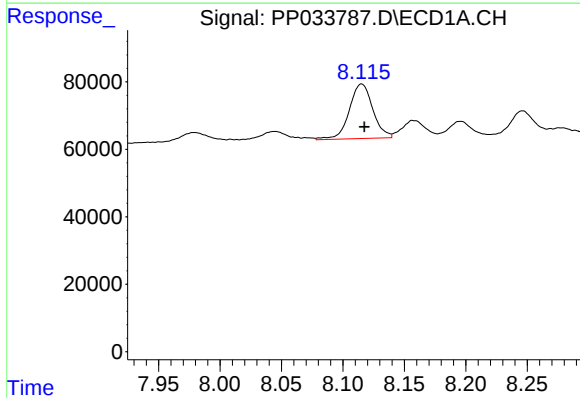
R.T.: 7.850 min
Delta R.T.: -0.002 min
Response: 188215
Conc: 54.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



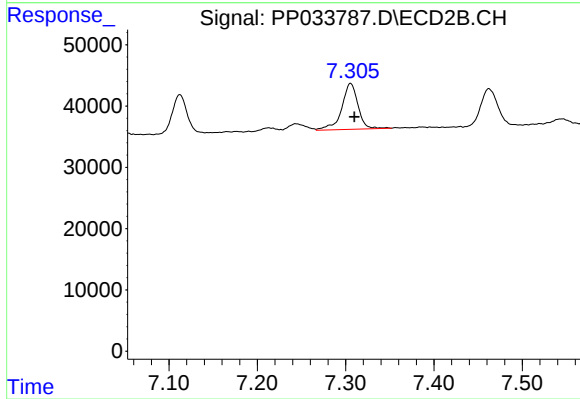
#31 AR-1260-1

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 72284
Conc: 47.30 ng/ml



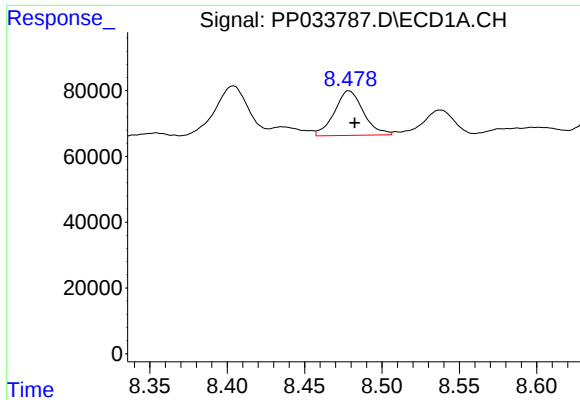
#32 AR-1260-2

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 215838
Conc: 52.42 ng/ml



#32 AR-1260-2

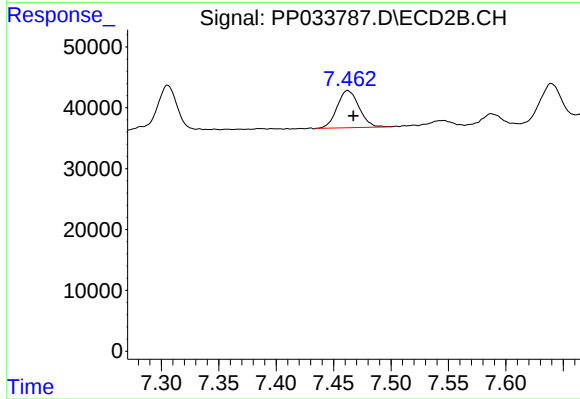
R.T.: 7.306 min
Delta R.T.: -0.004 min
Response: 95856
Conc: 53.00 ng/ml



#33 AR-1260-3

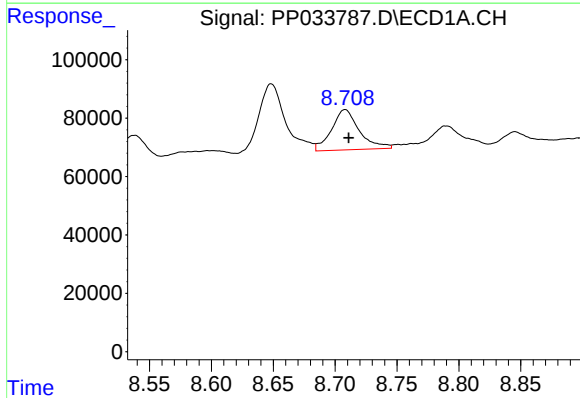
R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 177295
Conc: 54.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



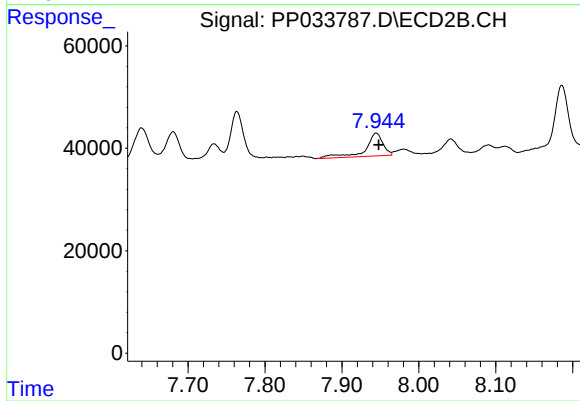
#33 AR-1260-3

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 81309
Conc: 48.01 ng/ml



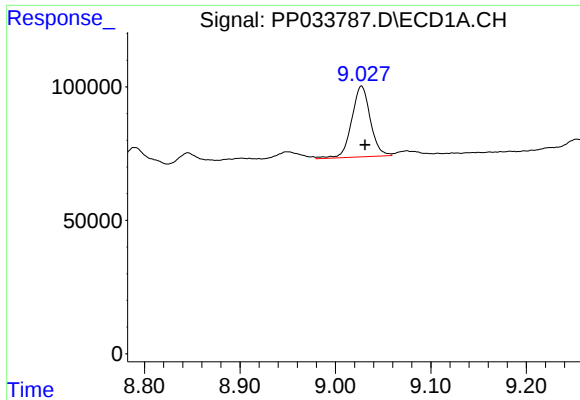
#34 AR-1260-4

R.T.: 8.708 min
Delta R.T.: -0.003 min
Response: 215279
Conc: 58.12 ng/ml



#34 AR-1260-4

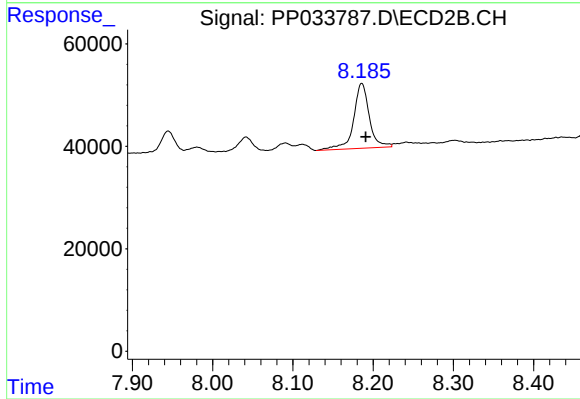
R.T.: 7.945 min
Delta R.T.: -0.003 min
Response: 70222
Conc: 47.75 ng/ml



#35 AR-1260-5

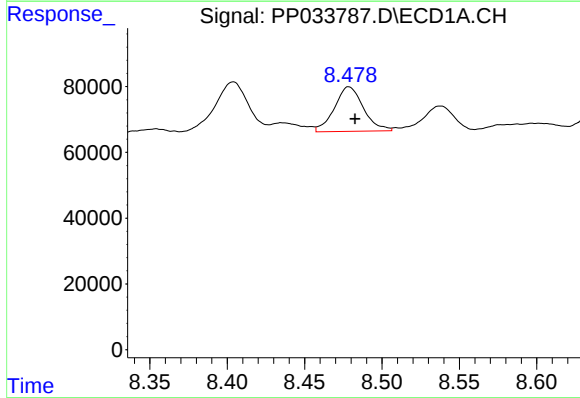
R.T.: 9.027 min
Delta R.T.: -0.004 min
Response: 360323
Conc: 46.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



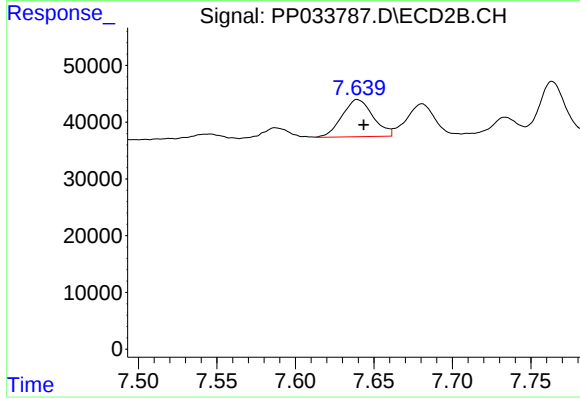
#35 AR-1260-5

R.T.: 8.186 min
Delta R.T.: -0.005 min
Response: 172489
Conc: 53.05 ng/ml



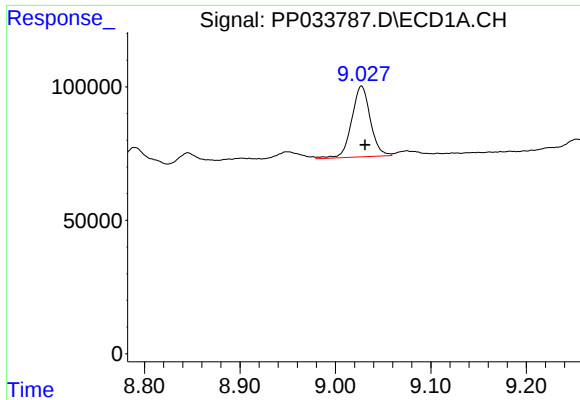
#36 AR-1262-1

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 177295
Conc: 37.26 ng/ml



#36 AR-1262-1

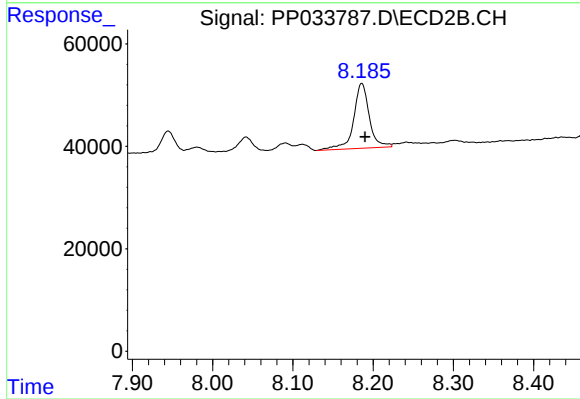
R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 90090
Conc: 84.75 ng/ml



#37 AR-1262-2

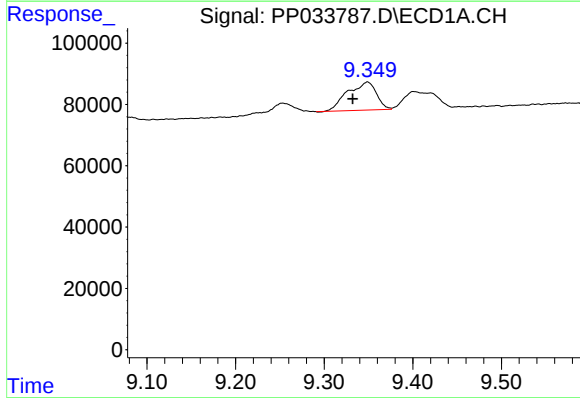
R.T.: 9.027 min
Delta R.T.: -0.004 min
Response: 360323
Conc: 41.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



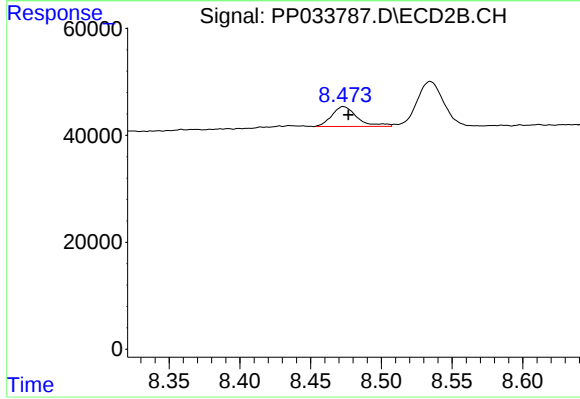
#37 AR-1262-2

R.T.: 8.186 min
Delta R.T.: -0.004 min
Response: 172489
Conc: 51.76 ng/ml



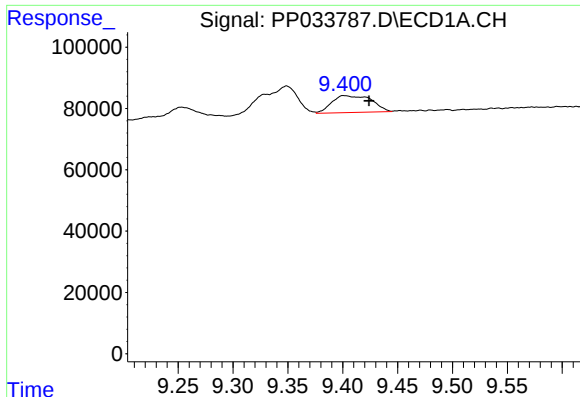
#38 AR-1262-3

R.T.: 9.349 min
Delta R.T.: 0.017 min
Response: 207484
Conc: 34.19 ng/ml



#38 AR-1262-3

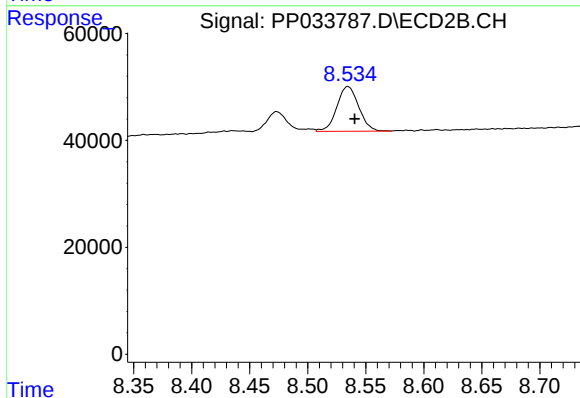
R.T.: 8.473 min
Delta R.T.: -0.003 min
Response: 46719
Conc: 32.71 ng/ml



#39 AR-1262-4

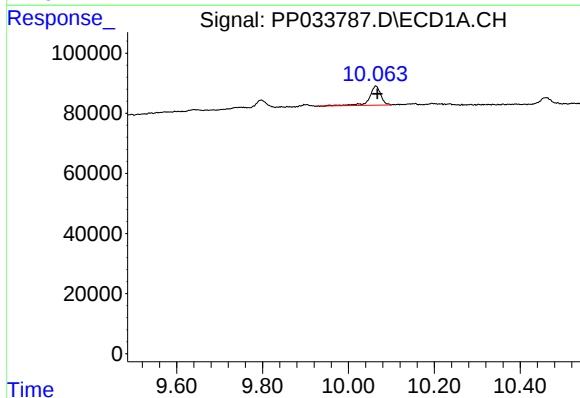
R.T.: 9.401 min
Delta R.T.: -0.023 min
Response: 138986
Conc: 28.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



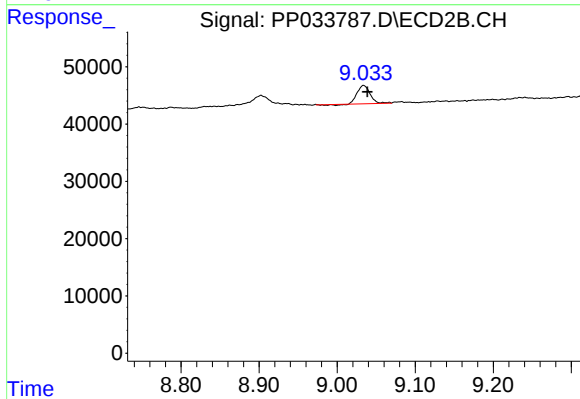
#39 AR-1262-4

R.T.: 8.535 min
Delta R.T.: -0.006 min
Response: 109508
Conc: 43.44 ng/ml



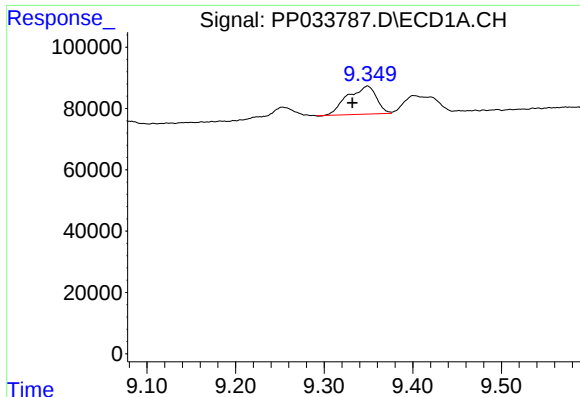
#40 AR-1262-5

R.T.: 10.064 min
Delta R.T.: -0.004 min
Response: 118180
Conc: 35.91 ng/ml



#40 AR-1262-5

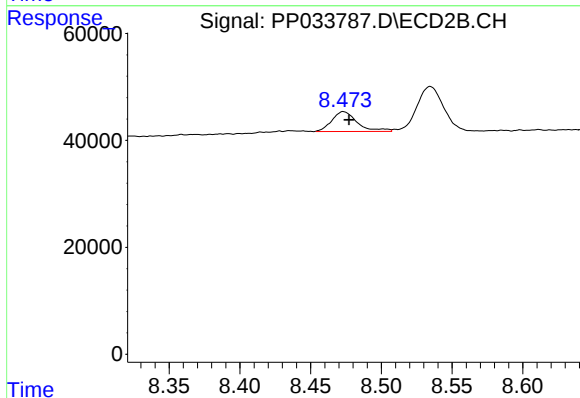
R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 35620
Conc: 31.25 ng/ml



#41 AR-1268-1

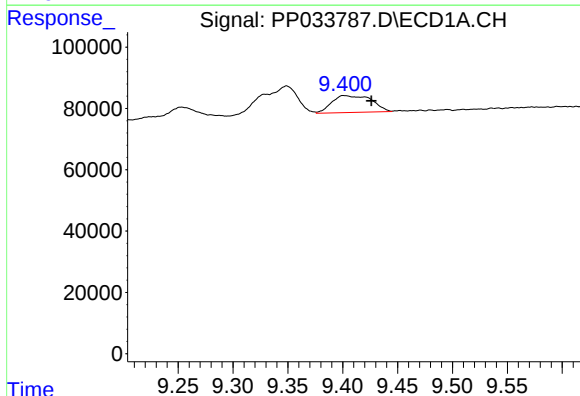
R.T.: 9.349 min
Delta R.T.: 0.017 min
Response: 207484
Conc: 19.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



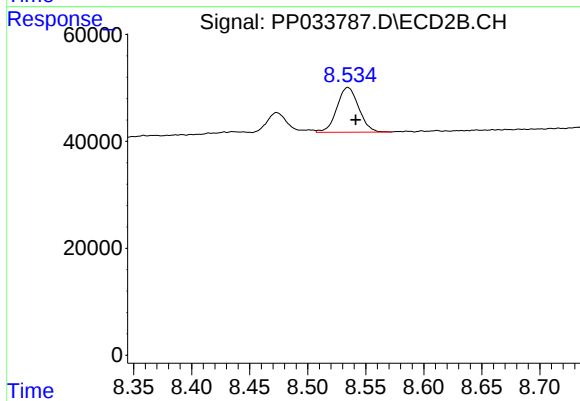
#41 AR-1268-1

R.T.: 8.473 min
Delta R.T.: -0.004 min
Response: 46719
Conc: 12.21 ng/ml



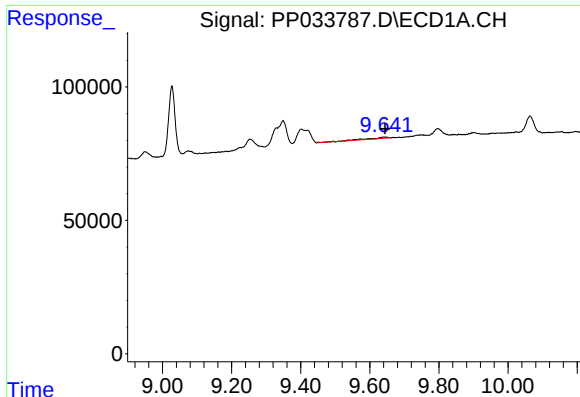
#42 AR-1268-2

R.T.: 9.401 min
Delta R.T.: -0.025 min
Response: 138986
Conc: 13.75 ng/ml



#42 AR-1268-2

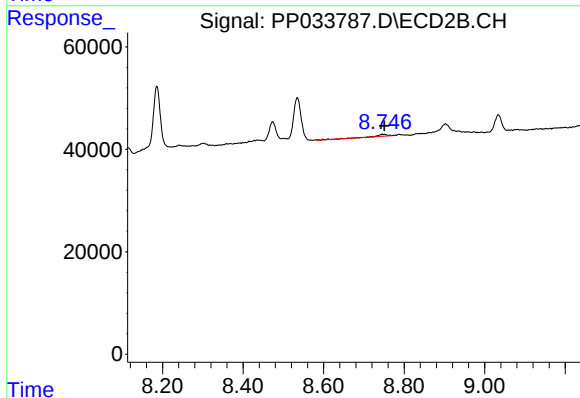
R.T.: 8.535 min
Delta R.T.: -0.007 min
Response: 109508
Conc: 30.65 ng/ml



#43 AR-1268-3

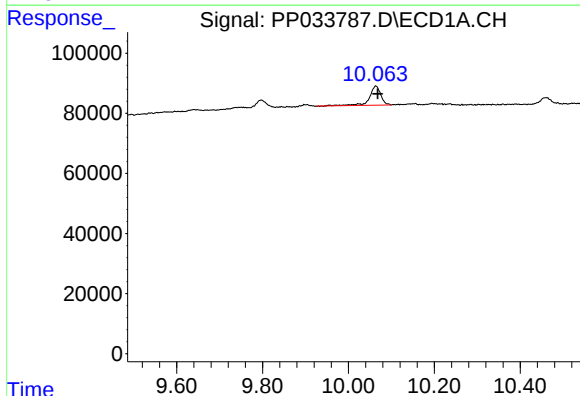
R.T.: 9.640 min
Delta R.T.: -0.003 min
Response: 23736
Conc: 2.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



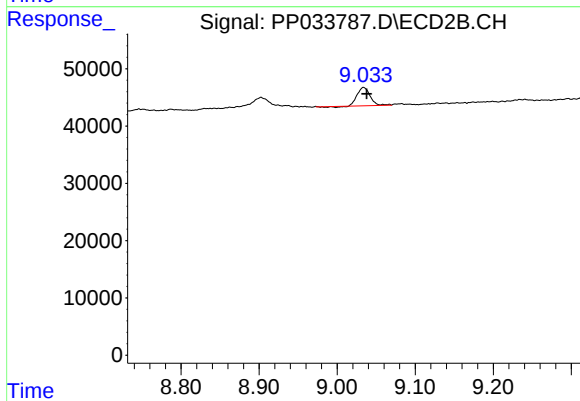
#43 AR-1268-3

R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 6400
Conc: 2.06 ng/ml



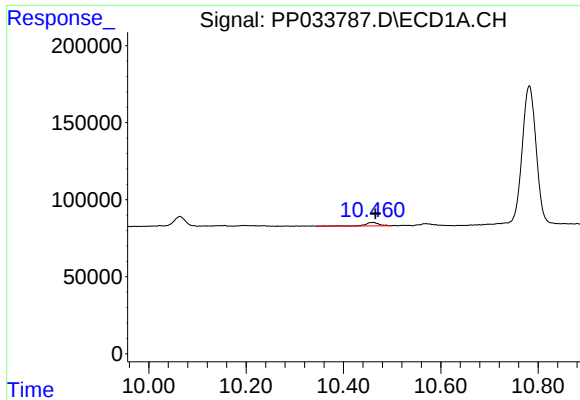
#44 AR-1268-4

R.T.: 10.064 min
Delta R.T.: -0.005 min
Response: 118180
Conc: 33.94 ng/ml



#44 AR-1268-4

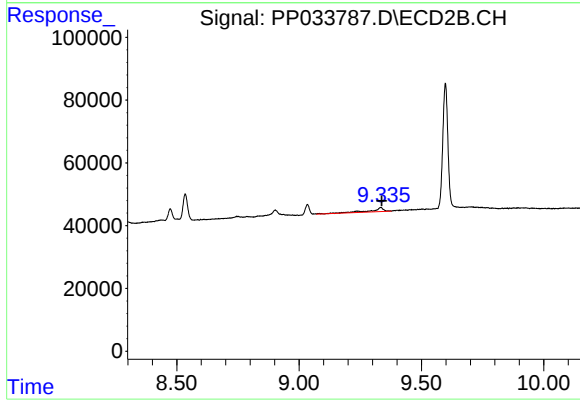
R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 35620
Conc: 29.35 ng/ml



#45 AR-1268-5

R.T.: 10.460 min
Delta R.T.: -0.006 min
Response: 46185
Conc: 1.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.335 min
Delta R.T.: -0.003 min
Response: 51559
Conc: 5.64 ng/ml