

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012022\
 Data File : PP043144.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jan 2022 14:34
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 00:22:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 13 19:45:07 2022
 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...	4.871	4.037	1115937	1183329	47.163	47.378
2)	SA Decachlor...	10.790	9.365	759963	946272	51.986	48.510
Target Compounds							
3)	L1 AR-1016-1	6.173	5.300	346154	484363	466.276	473.120
4)	L1 AR-1016-2	6.196	5.321	522687	675340	454.536	472.877
5)	L1 AR-1016-3	6.262	5.514	327290	375348	459.811	469.290
6)	L1 AR-1016-4	6.367	5.565	265161	304889	437.298	490.564
7)	L1 AR-1016-5	6.682	5.796	249093	338623	435.126	454.142
8)	L2 AR-1221-1	5.109	4.295	39674	50356	149.032	150.806
9)	L2 AR-1221-2	5.212	4.396	54807	75102	271.198	308.676
10)	L2 AR-1221-3	5.296	4.485	210260	268895	320.246	343.007
11)	L3 AR-1232-1	5.296	4.485	210260	268895	368.645	412.983
12)	L3 AR-1232-2	5.881	5.321	283136	675340	1043.880	1076.894
13)	L3 AR-1232-3	6.196	5.514	522687	375348	1070.855	1135.057
14)	L3 AR-1232-4	6.367	5.610	265161	367684	1109.747	1245.653
15)	L3 AR-1232-5	6.468	5.796	202291	338623	1287.539	1097.957
16)	L4 AR-1242-1	6.173	5.300	346154	484363	584.259	604.407
17)	L4 AR-1242-2	6.196	5.321	522687	675340	585.857	596.434
18)	L4 AR-1242-3	6.262	5.514	327290	375348	589.868	588.682
19)	L4 AR-1242-4	6.367	5.610	265161	367684	582.795	598.582
20)	L4 AR-1242-5	7.146	6.177	33384	289103	74.425	401.774 #
21)	L5 AR-1248-1	6.173	5.300	346154	484363	844.555	862.261
22)	L5 AR-1248-2	6.468	5.565	202291	304889	359.316	375.645
23)	L5 AR-1248-3	6.682	5.610	249093	367684	367.395	427.794
24)	L5 AR-1248-4	7.105	5.796	35942	338623	49.829	352.832 #
25)	L5 AR-1248-5	7.146	6.220	33384	57665	45.754	60.402 #
26)	L6 AR-1254-1	7.078	6.177	156188	289103	199.049	186.433
27)	L6 AR-1254-2	7.306	6.335	165991	259750	131.886	191.336 #
28)	L6 AR-1254-3	7.685	6.776	94014	488842	72.463	228.544 #
29)	L6 AR-1254-4	7.978	6.999	63158	71146	72.261	57.027
30)	L6 AR-1254-5	8.405	7.429	532794	773056	568.669	453.360
31)	L7 AR-1260-1	7.854	6.895	403016	644348	422.642	498.499
32)	L7 AR-1260-2	8.118	7.092	450115	731304	435.824	468.198
33)	L7 AR-1260-3	8.484	7.249	355730	672321	471.483	465.184
34)	L7 AR-1260-4	8.712	7.733	412386	543486	484.140	479.711
35)	L7 AR-1260-5	9.029	7.981	767810	1197493	466.657	477.463
36)	L8 AR-1262-1	8.484	7.429	355730	773056	336.880	853.963 #
37)	L8 AR-1262-2	9.029	7.733	767810	543486	443.570	363.325
38)	L8 AR-1262-3	9.346	8.268	479830	274072	520.579	245.655 #
39)	L8 AR-1262-4	9.422	8.332	151337	873845	280.551	428.658 #
40)	L8 AR-1262-5	10.064	8.832	257393	286508	423.588	308.975 #
41)	L9 AR-1268-1	9.346	8.268	479830	274072	232.744	88.922 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

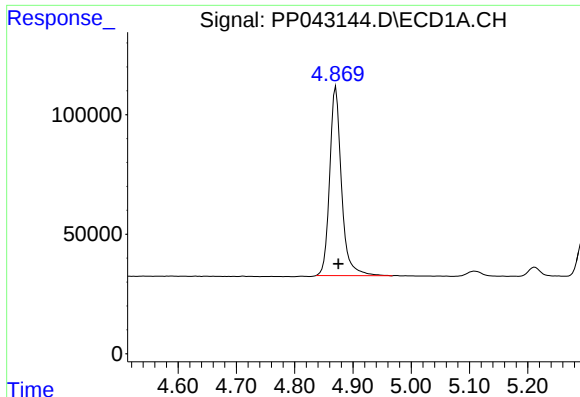
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 00:22:26 2022
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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	9.422	8.332	151337	873845	79.235	307.238 #
43) L9	AR-1268-3	0.000	8.541	0	15342	N.D.	6.438 #
44) L9	AR-1268-4	10.064	8.832	257393	286508	407.332	280.959 #
45) L9	AR-1268-5	10.466	9.117	73713	80146	13.831	11.282

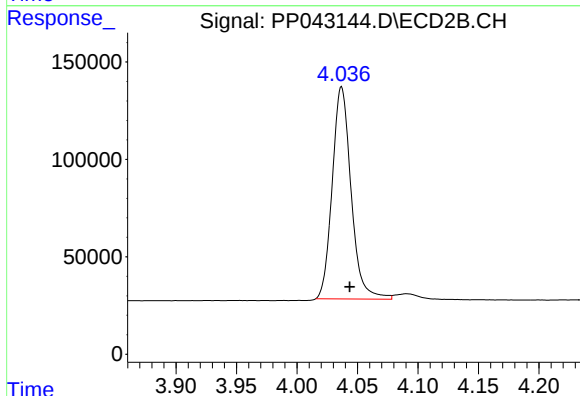
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

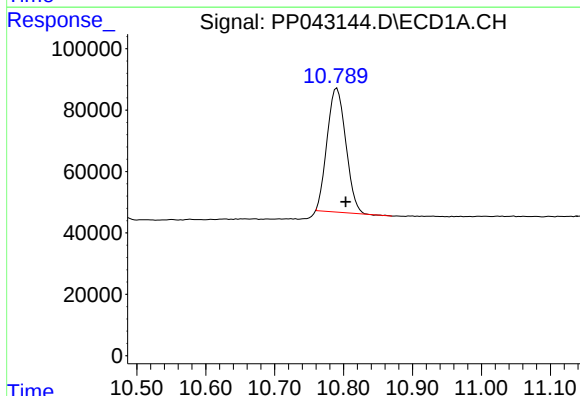
R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 1115937
Conc: 47.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



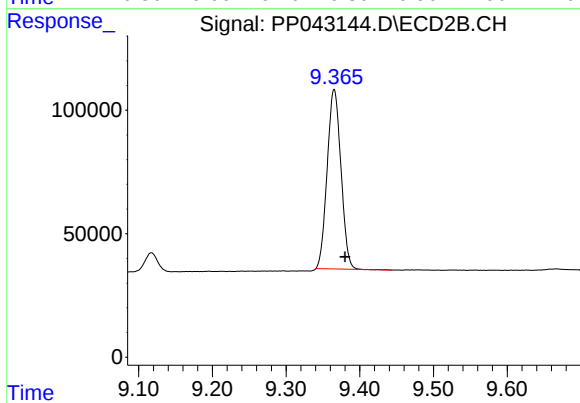
#1 Tetrachloro-m-xylene

R.T.: 4.037 min
Delta R.T.: -0.007 min
Response: 1183329
Conc: 47.38 ng/ml



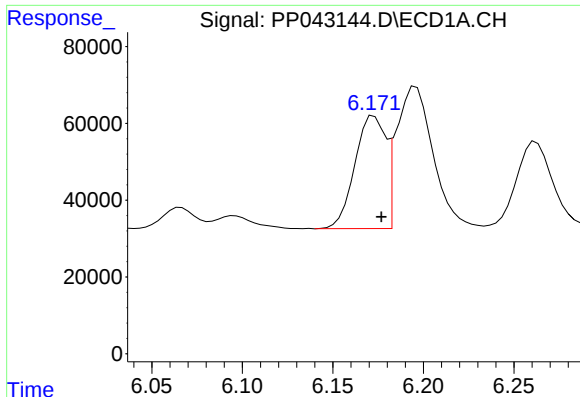
#2 Decachlorobiphenyl

R.T.: 10.790 min
Delta R.T.: -0.013 min
Response: 759963
Conc: 51.99 ng/ml



#2 Decachlorobiphenyl

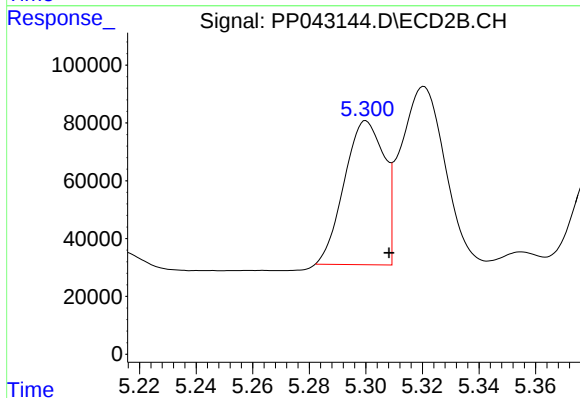
R.T.: 9.365 min
Delta R.T.: -0.015 min
Response: 946272
Conc: 48.51 ng/ml



#3 AR-1016-1

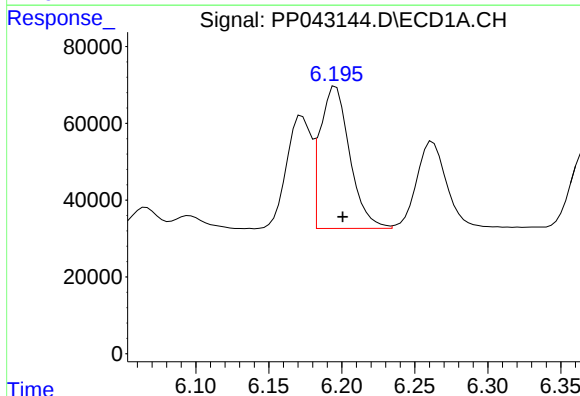
R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 346154
Conc: 466.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



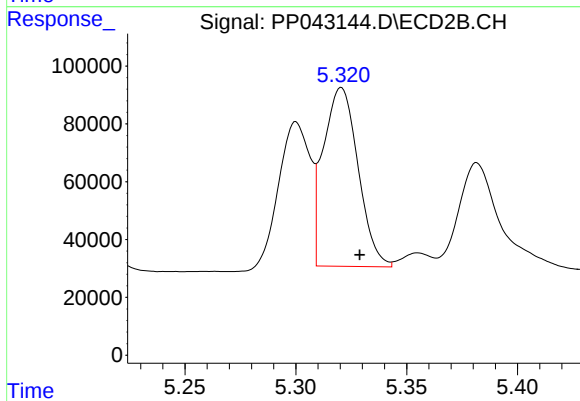
#3 AR-1016-1

R.T.: 5.300 min
Delta R.T.: -0.008 min
Response: 484363
Conc: 473.12 ng/ml



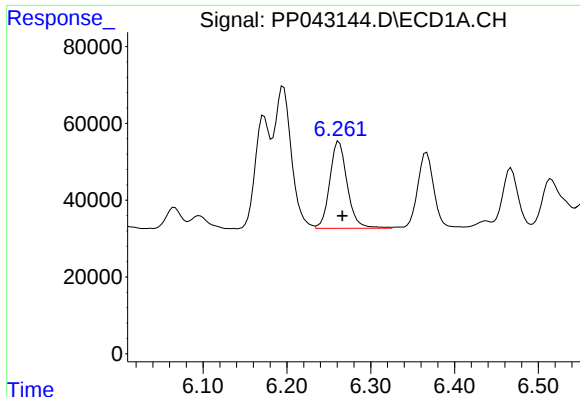
#4 AR-1016-2

R.T.: 6.196 min
Delta R.T.: -0.005 min
Response: 522687
Conc: 454.54 ng/ml



#4 AR-1016-2

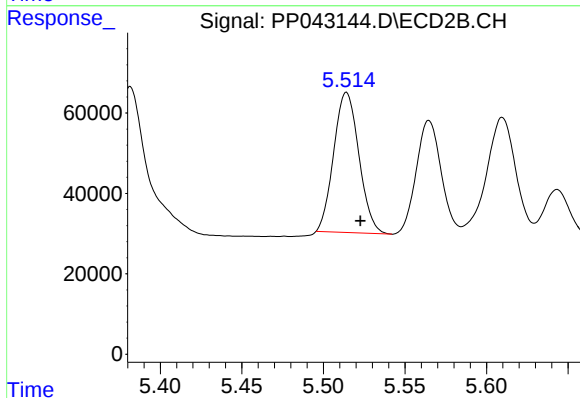
R.T.: 5.321 min
Delta R.T.: -0.008 min
Response: 675340
Conc: 472.88 ng/ml



#5 AR-1016-3

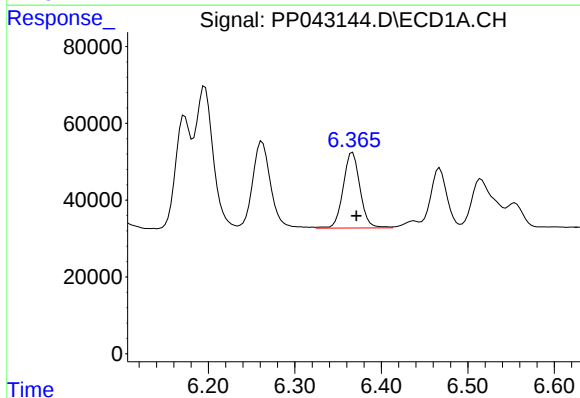
R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 327290
Conc: 459.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



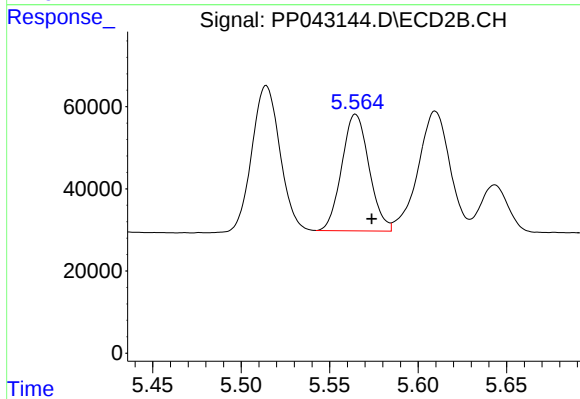
#5 AR-1016-3

R.T.: 5.514 min
Delta R.T.: -0.008 min
Response: 375348
Conc: 469.29 ng/ml



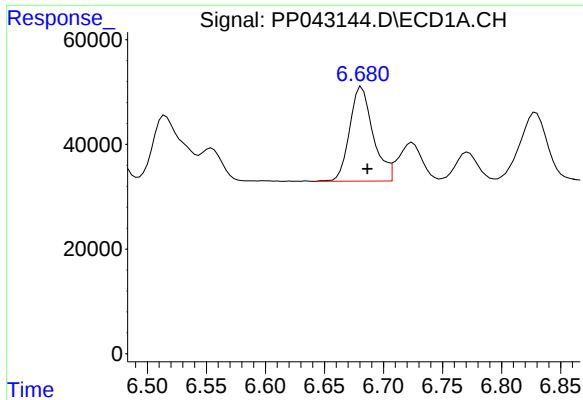
#6 AR-1016-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 265161
Conc: 437.30 ng/ml



#6 AR-1016-4

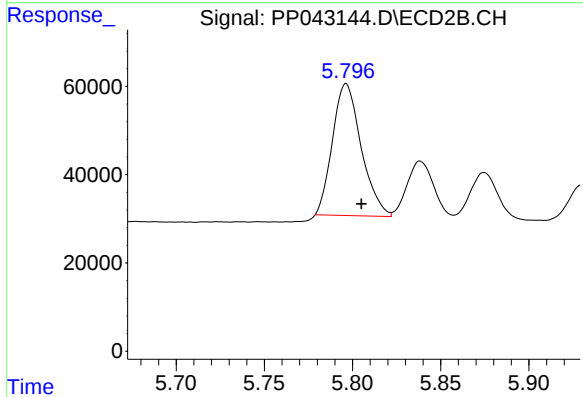
R.T.: 5.565 min
Delta R.T.: -0.009 min
Response: 304889
Conc: 490.56 ng/ml



#7 AR-1016-5

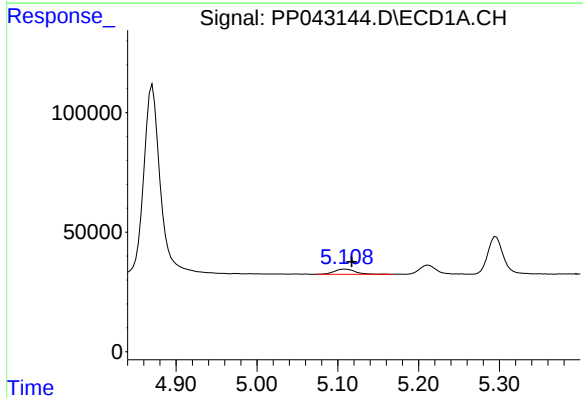
R.T.: 6.682 min
Delta R.T.: -0.005 min
Response: 249093
Conc: 435.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



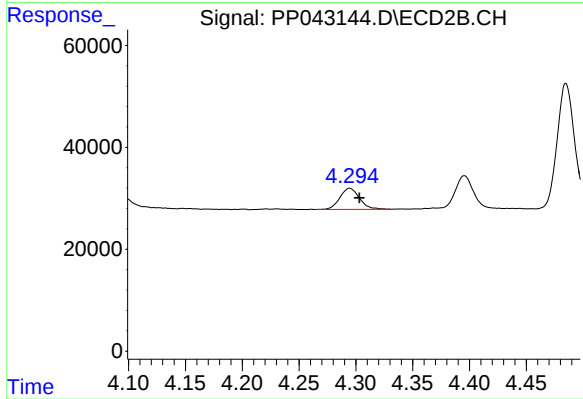
#7 AR-1016-5

R.T.: 5.796 min
Delta R.T.: -0.009 min
Response: 338623
Conc: 454.14 ng/ml



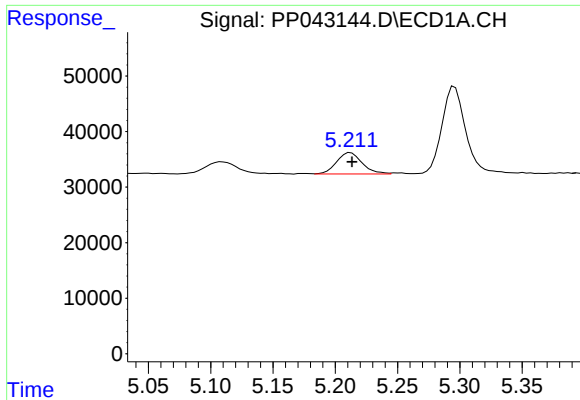
#8 AR-1221-1

R.T.: 5.109 min
Delta R.T.: -0.008 min
Response: 39674
Conc: 149.03 ng/ml



#8 AR-1221-1

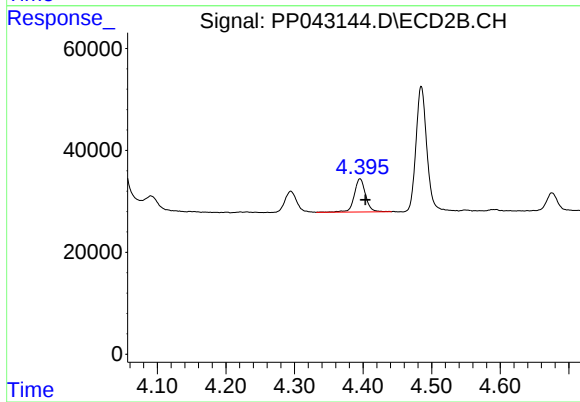
R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 50356
Conc: 150.81 ng/ml



#9 AR-1221-2

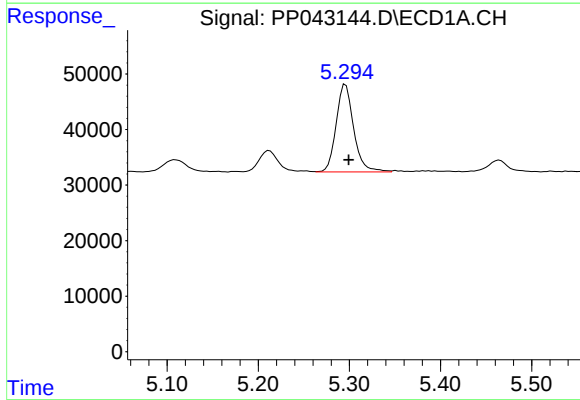
R.T.: 5.212 min
Delta R.T.: -0.001 min
Response: 54807
Conc: 271.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



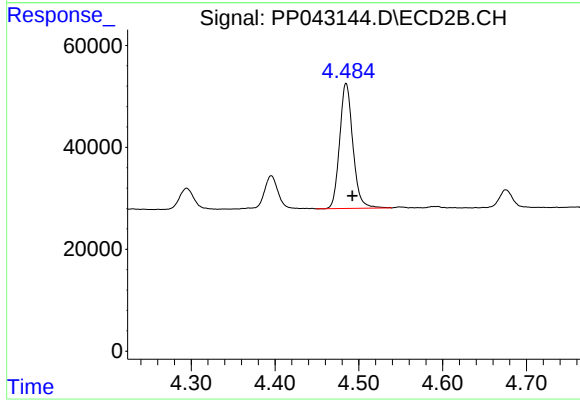
#9 AR-1221-2

R.T.: 4.396 min
Delta R.T.: -0.008 min
Response: 75102
Conc: 308.68 ng/ml



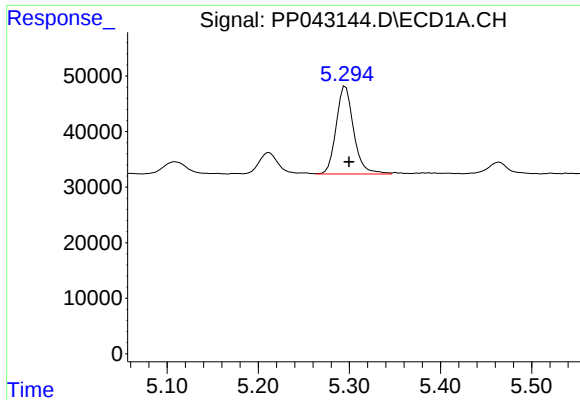
#10 AR-1221-3

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 210260
Conc: 320.25 ng/ml



#10 AR-1221-3

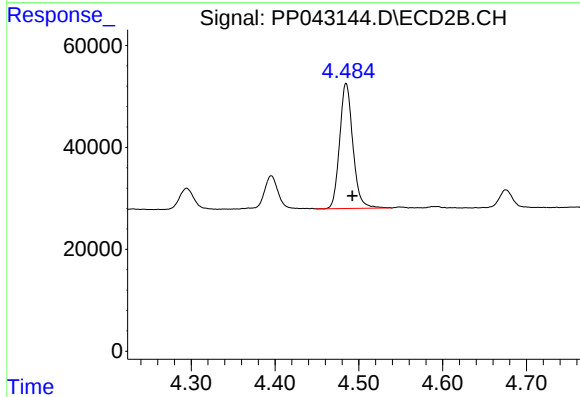
R.T.: 4.485 min
Delta R.T.: -0.008 min
Response: 268895
Conc: 343.01 ng/ml



#11 AR-1232-1

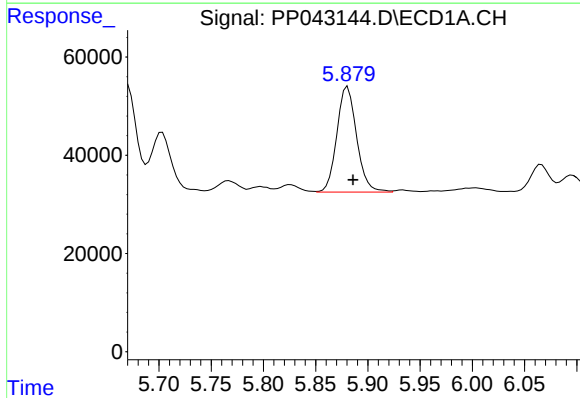
R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 210260
Conc: 368.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



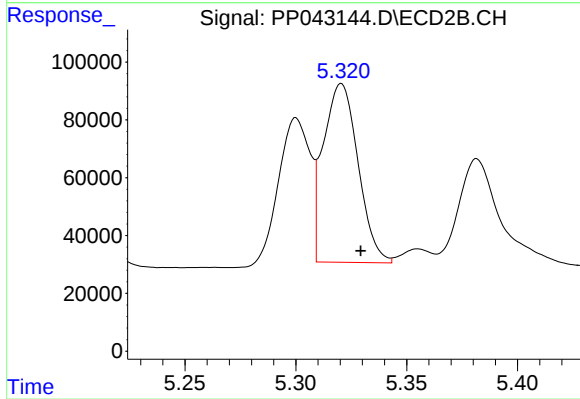
#11 AR-1232-1

R.T.: 4.485 min
Delta R.T.: -0.007 min
Response: 268895
Conc: 412.98 ng/ml



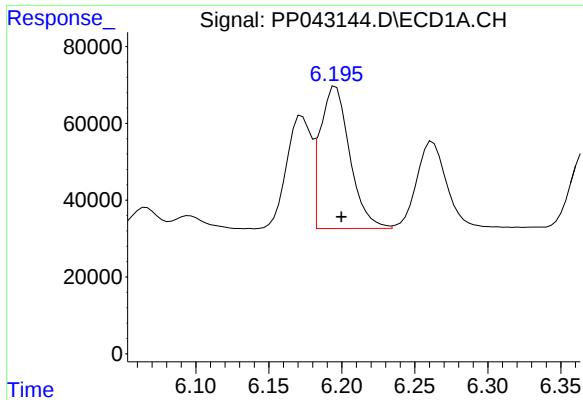
#12 AR-1232-2

R.T.: 5.881 min
Delta R.T.: -0.005 min
Response: 283136
Conc: 1043.88 ng/ml



#12 AR-1232-2

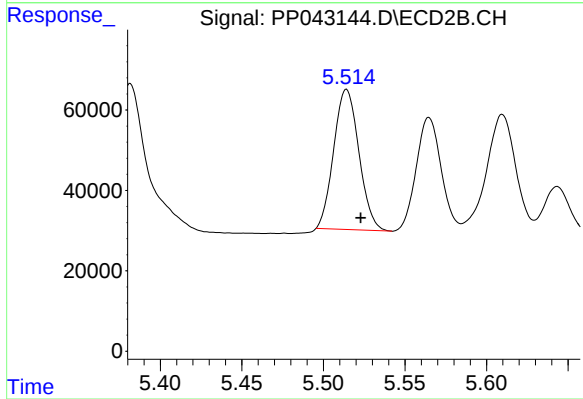
R.T.: 5.321 min
Delta R.T.: -0.009 min
Response: 675340
Conc: 1076.89 ng/ml



#13 AR-1232-3

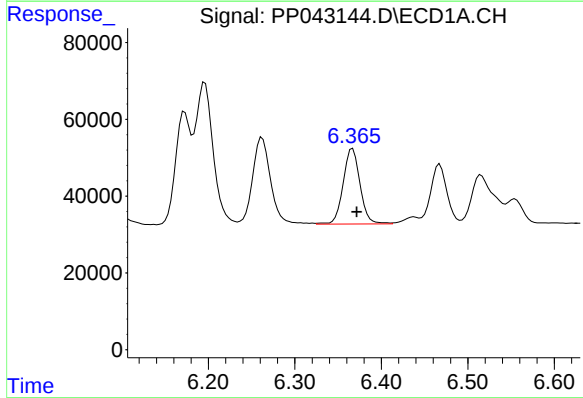
R.T.: 6.196 min
Delta R.T.: -0.004 min
Response: 522687
Conc: 1070.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



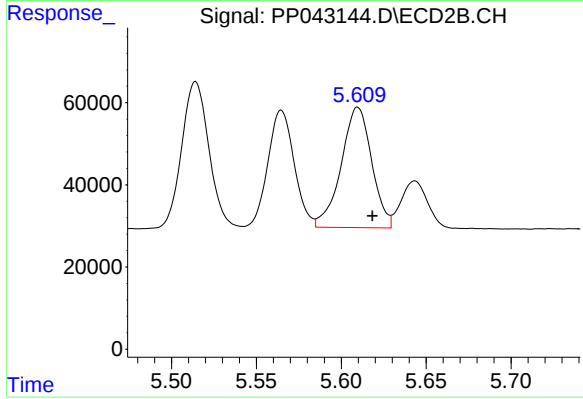
#13 AR-1232-3

R.T.: 5.514 min
Delta R.T.: -0.009 min
Response: 375348
Conc: 1135.06 ng/ml



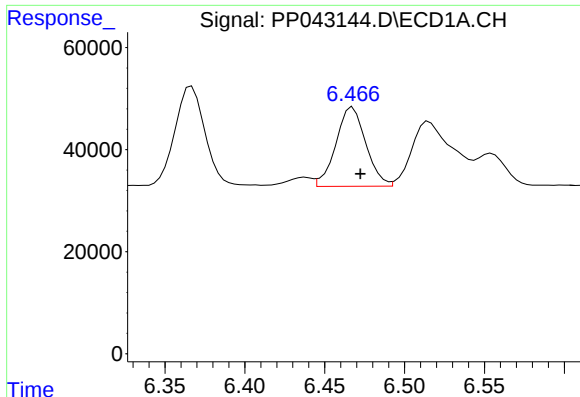
#14 AR-1232-4

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 265161
Conc: 1109.75 ng/ml



#14 AR-1232-4

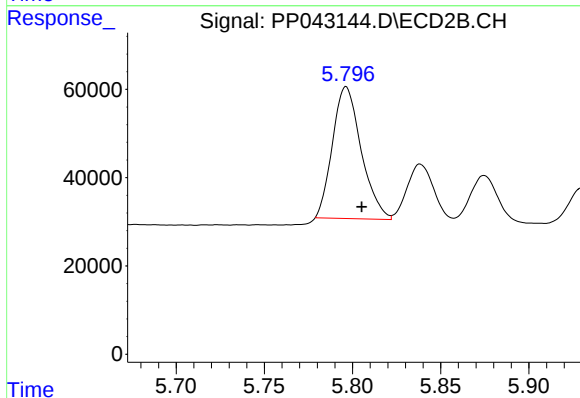
R.T.: 5.610 min
Delta R.T.: -0.009 min
Response: 367684
Conc: 1245.65 ng/ml



#15 AR-1232-5

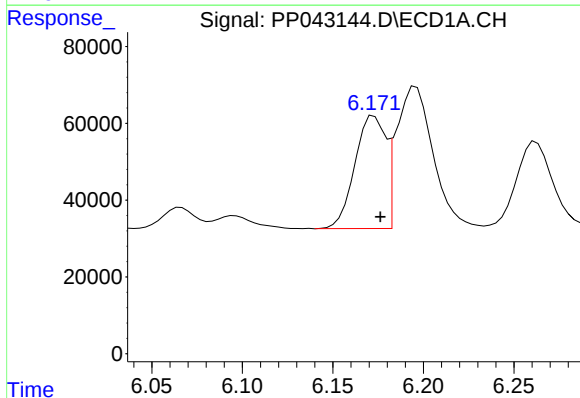
R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 202291
Conc: 1287.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



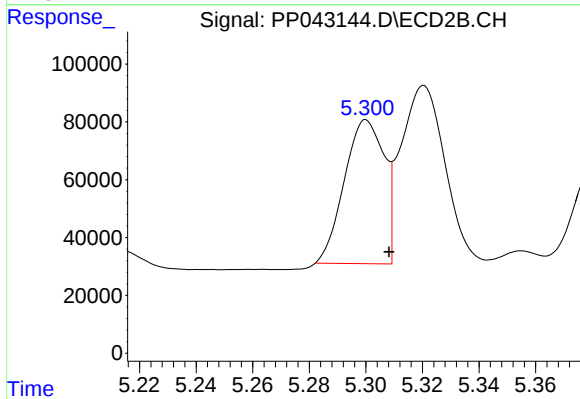
#15 AR-1232-5

R.T.: 5.796 min
Delta R.T.: -0.009 min
Response: 338623
Conc: 1097.96 ng/ml



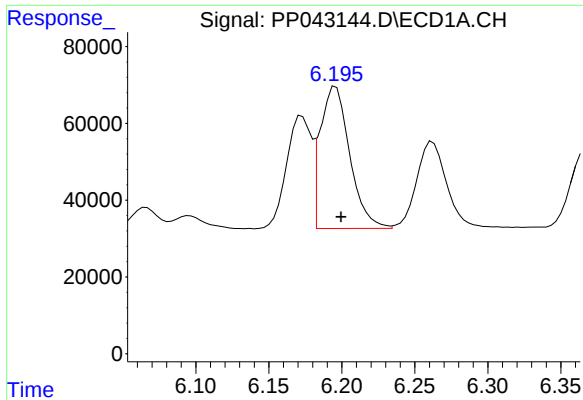
#16 AR-1242-1

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 346154
Conc: 584.26 ng/ml



#16 AR-1242-1

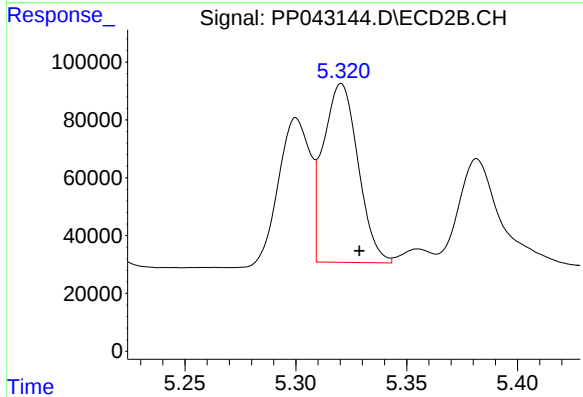
R.T.: 5.300 min
Delta R.T.: -0.008 min
Response: 484363
Conc: 604.41 ng/ml



#17 AR-1242-2

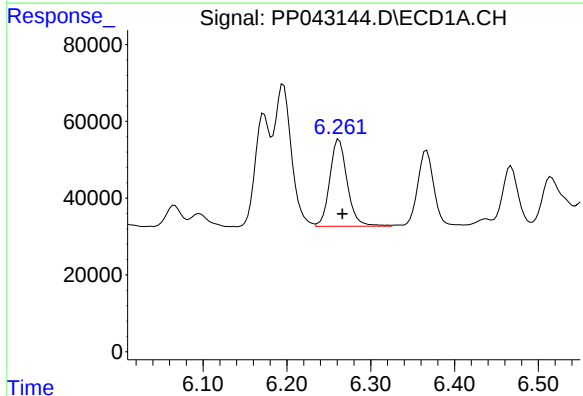
R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 522687
Conc: 585.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



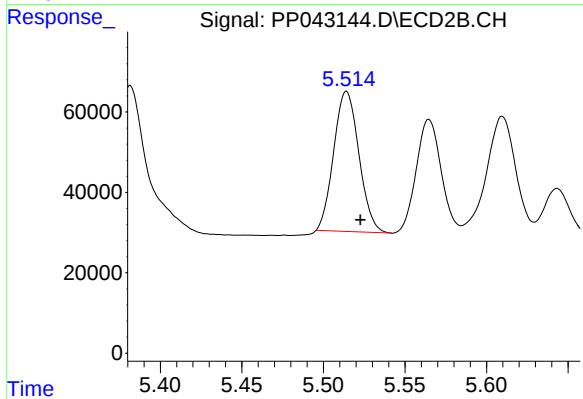
#17 AR-1242-2

R.T.: 5.321 min
Delta R.T.: -0.008 min
Response: 675340
Conc: 596.43 ng/ml



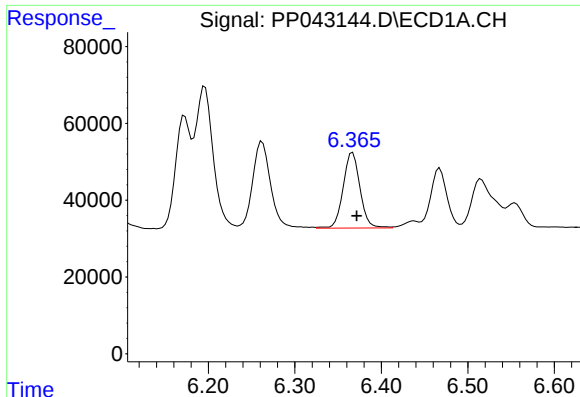
#18 AR-1242-3

R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 327290
Conc: 589.87 ng/ml



#18 AR-1242-3

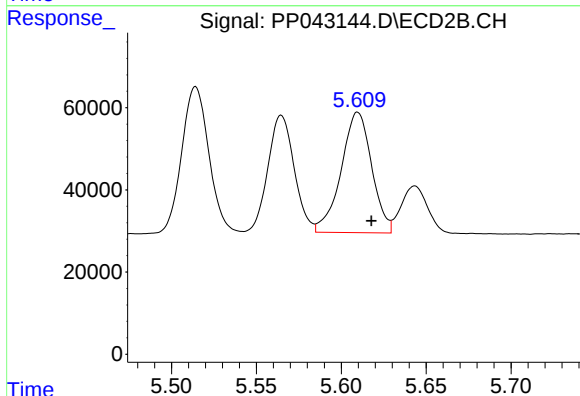
R.T.: 5.514 min
Delta R.T.: -0.008 min
Response: 375348
Conc: 588.68 ng/ml



#19 AR-1242-4

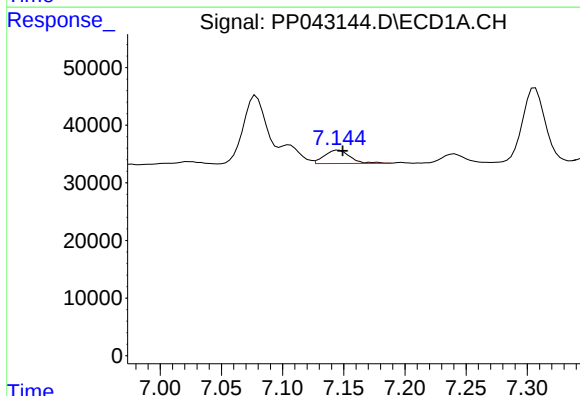
R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 265161
Conc: 582.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



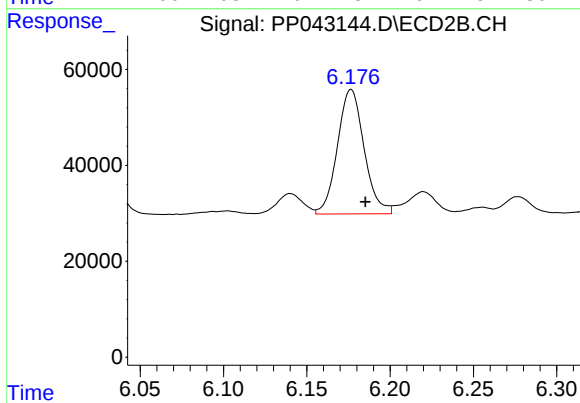
#19 AR-1242-4

R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 367684
Conc: 598.58 ng/ml



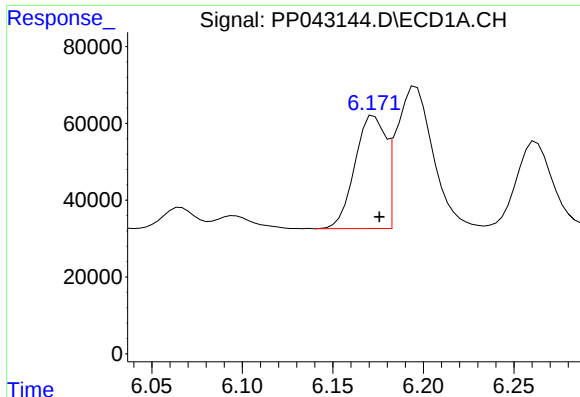
#20 AR-1242-5

R.T.: 7.146 min
Delta R.T.: -0.004 min
Response: 33384
Conc: 74.42 ng/ml



#20 AR-1242-5

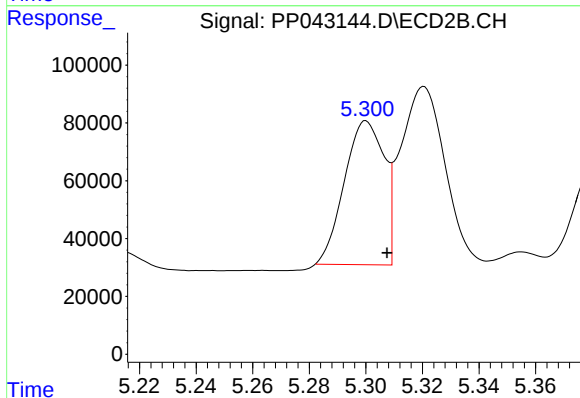
R.T.: 6.177 min
Delta R.T.: -0.009 min
Response: 289103
Conc: 401.77 ng/ml



#21 AR-1248-1

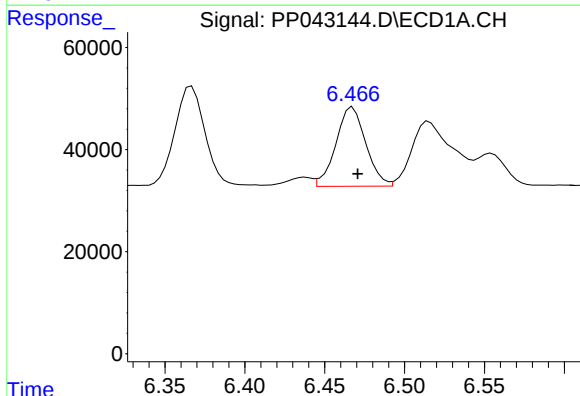
R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 346154
Conc: 844.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



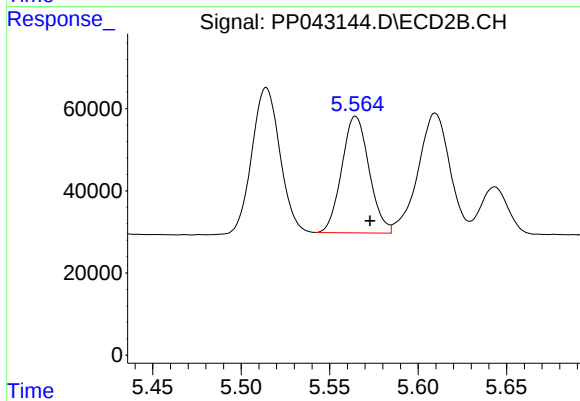
#21 AR-1248-1

R.T.: 5.300 min
Delta R.T.: -0.007 min
Response: 484363
Conc: 862.26 ng/ml



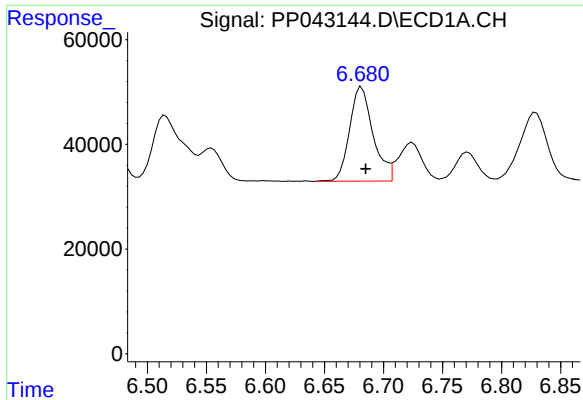
#22 AR-1248-2

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 202291
Conc: 359.32 ng/ml



#22 AR-1248-2

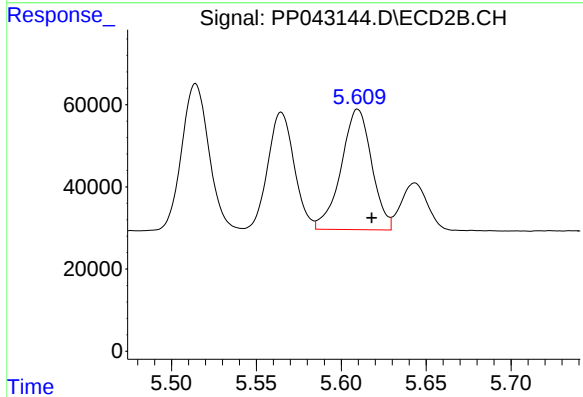
R.T.: 5.565 min
Delta R.T.: -0.008 min
Response: 304889
Conc: 375.64 ng/ml



#23 AR-1248-3

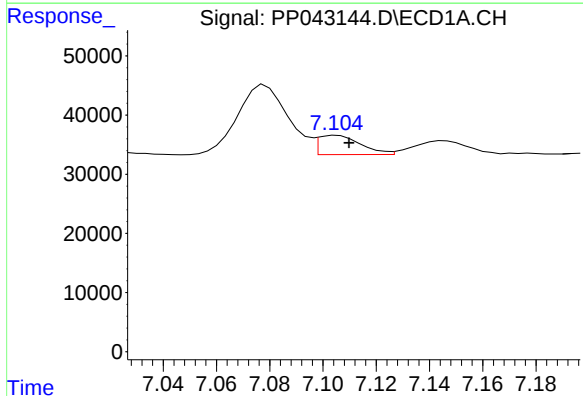
R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 249093
Conc: 367.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



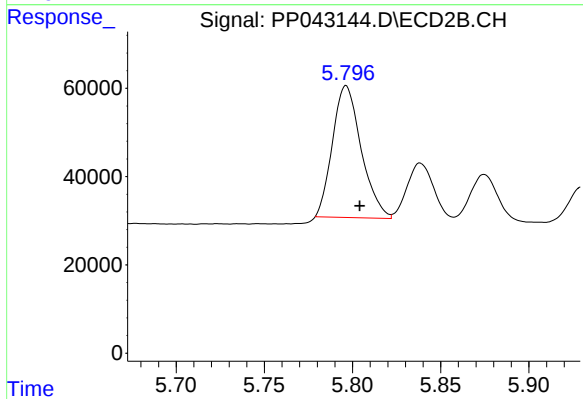
#23 AR-1248-3

R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 367684
Conc: 427.79 ng/ml



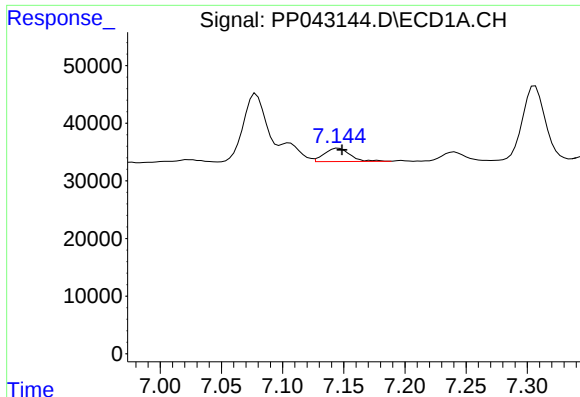
#24 AR-1248-4

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 35942
Conc: 49.83 ng/ml



#24 AR-1248-4

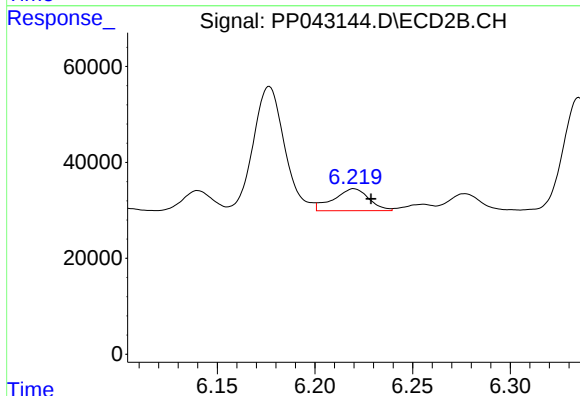
R.T.: 5.796 min
Delta R.T.: -0.008 min
Response: 338623
Conc: 352.83 ng/ml



#25 AR-1248-5

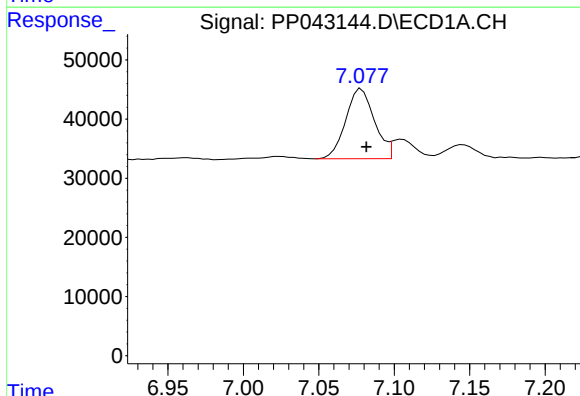
R.T.: 7.146 min
Delta R.T.: -0.003 min
Response: 33384
Conc: 45.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



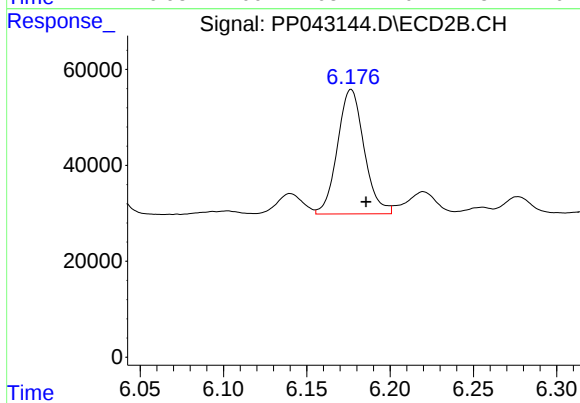
#25 AR-1248-5

R.T.: 6.220 min
Delta R.T.: -0.009 min
Response: 57665
Conc: 60.40 ng/ml



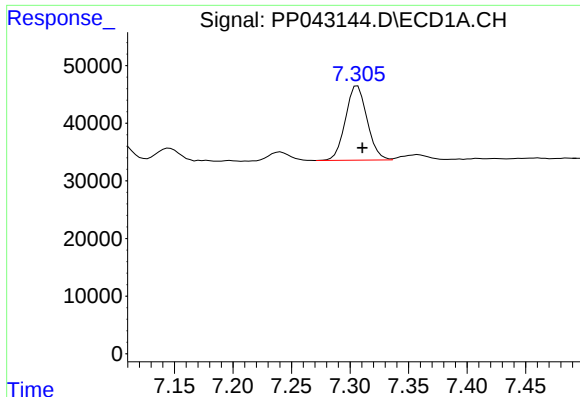
#26 AR-1254-1

R.T.: 7.078 min
Delta R.T.: -0.003 min
Response: 156188
Conc: 199.05 ng/ml



#26 AR-1254-1

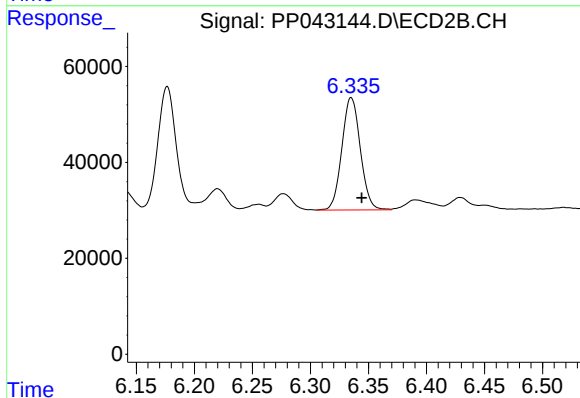
R.T.: 6.177 min
Delta R.T.: -0.009 min
Response: 289103
Conc: 186.43 ng/ml



#27 AR-1254-2

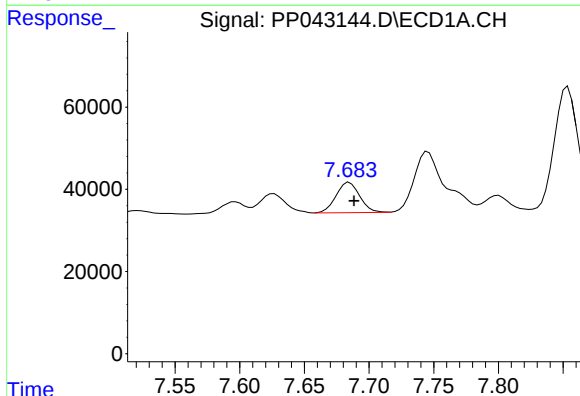
R.T.: 7.306 min
Delta R.T.: -0.004 min
Response: 165991
Conc: 131.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



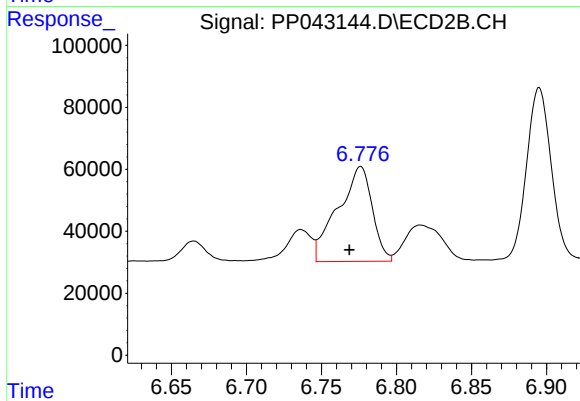
#27 AR-1254-2

R.T.: 6.335 min
Delta R.T.: -0.009 min
Response: 259750
Conc: 191.34 ng/ml



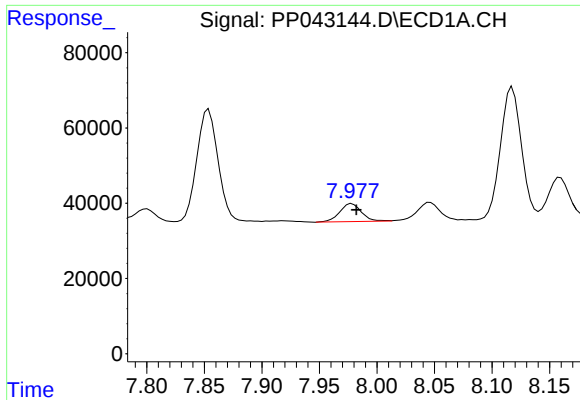
#28 AR-1254-3

R.T.: 7.685 min
Delta R.T.: -0.004 min
Response: 94014
Conc: 72.46 ng/ml



#28 AR-1254-3

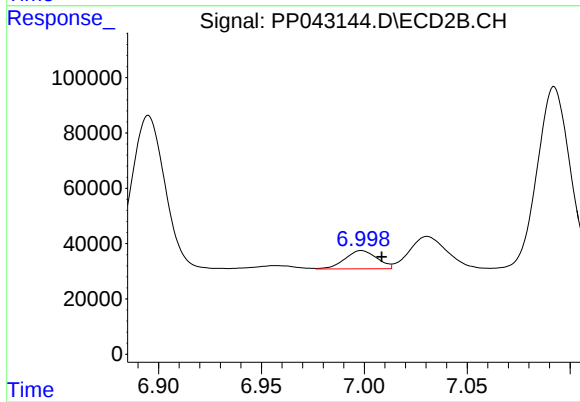
R.T.: 6.776 min
Delta R.T.: 0.008 min
Response: 488842
Conc: 228.54 ng/ml



#29 AR-1254-4

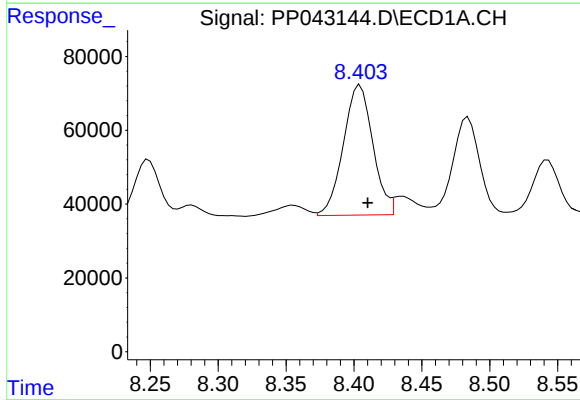
R.T.: 7.978 min
Delta R.T.: -0.004 min
Response: 63158
Conc: 72.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



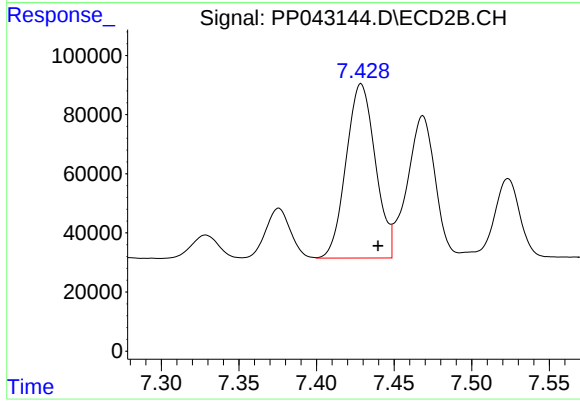
#29 AR-1254-4

R.T.: 6.999 min
Delta R.T.: -0.010 min
Response: 71146
Conc: 57.03 ng/ml



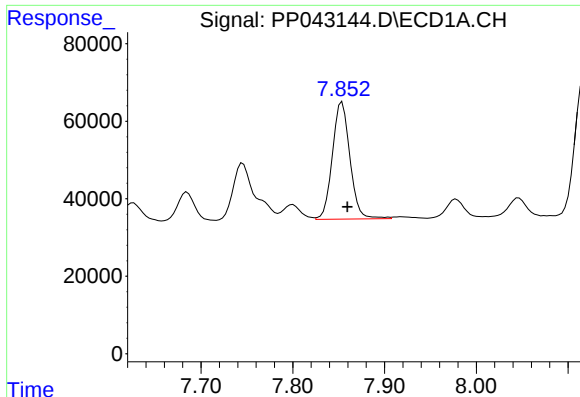
#30 AR-1254-5

R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 532794
Conc: 568.67 ng/ml



#30 AR-1254-5

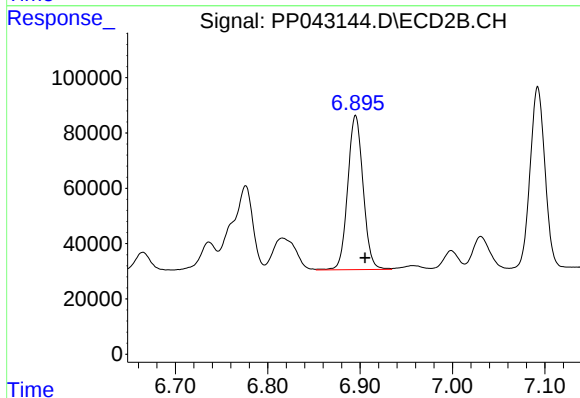
R.T.: 7.429 min
Delta R.T.: -0.011 min
Response: 773056
Conc: 453.36 ng/ml



#31 AR-1260-1

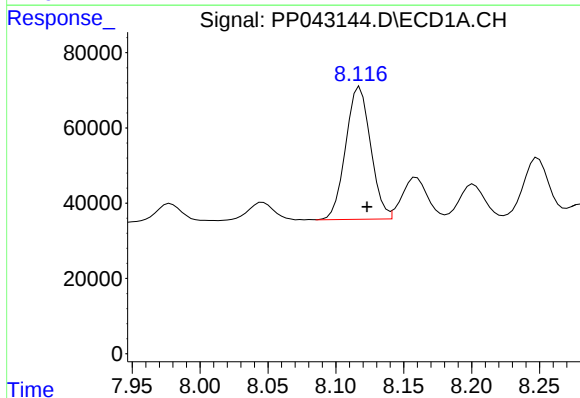
R.T.: 7.854 min
Delta R.T.: -0.006 min
Response: 403016
Conc: 422.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



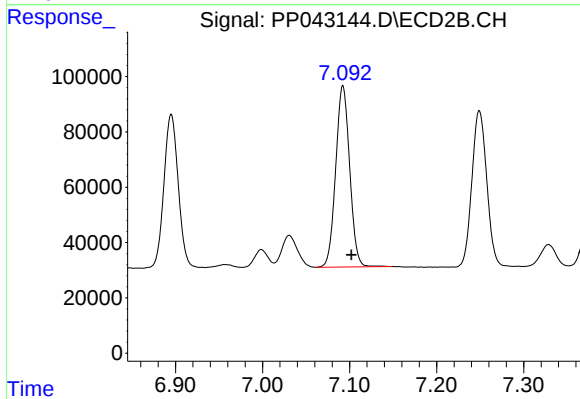
#31 AR-1260-1

R.T.: 6.895 min
Delta R.T.: -0.010 min
Response: 644348
Conc: 498.50 ng/ml



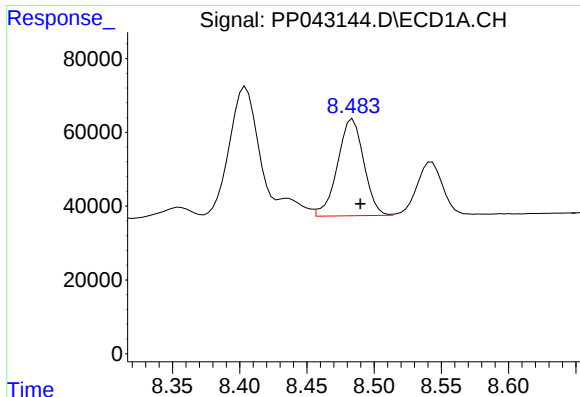
#32 AR-1260-2

R.T.: 8.118 min
Delta R.T.: -0.005 min
Response: 450115
Conc: 435.82 ng/ml



#32 AR-1260-2

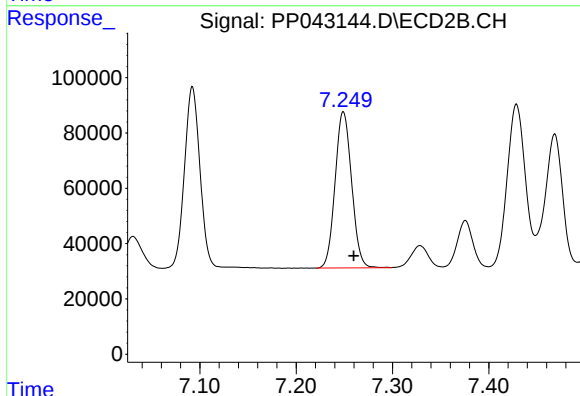
R.T.: 7.092 min
Delta R.T.: -0.010 min
Response: 731304
Conc: 468.20 ng/ml



#33 AR-1260-3

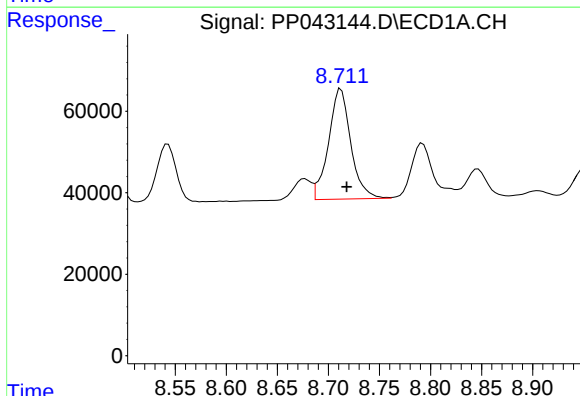
R.T.: 8.484 min
Delta R.T.: -0.006 min
Response: 355730
Conc: 471.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



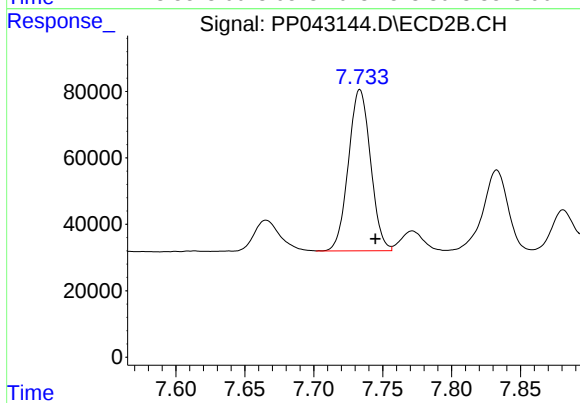
#33 AR-1260-3

R.T.: 7.249 min
Delta R.T.: -0.011 min
Response: 672321
Conc: 465.18 ng/ml



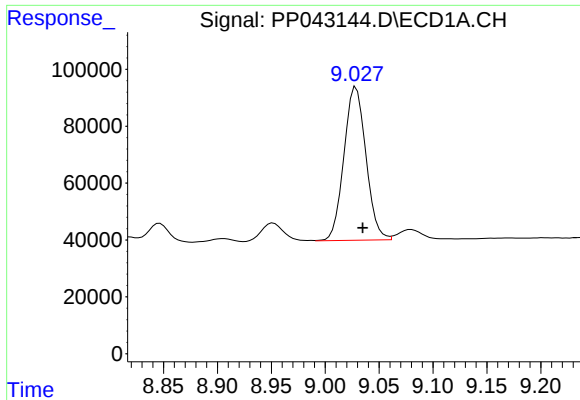
#34 AR-1260-4

R.T.: 8.712 min
Delta R.T.: -0.005 min
Response: 412386
Conc: 484.14 ng/ml



#34 AR-1260-4

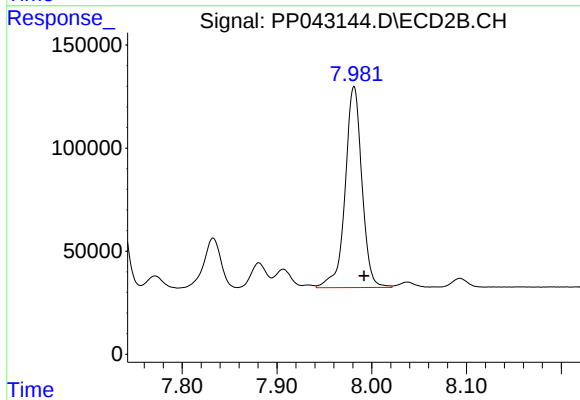
R.T.: 7.733 min
Delta R.T.: -0.011 min
Response: 543486
Conc: 479.71 ng/ml



#35 AR-1260-5

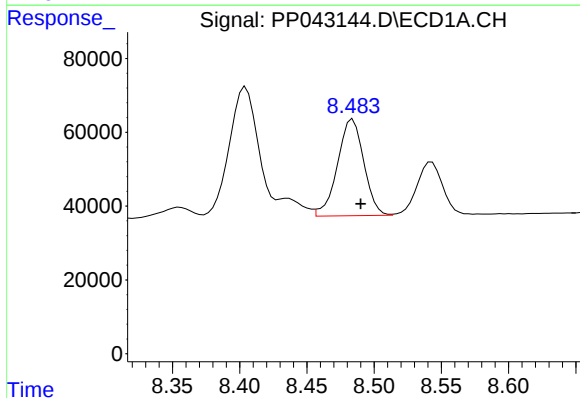
R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 767810
Conc: 466.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



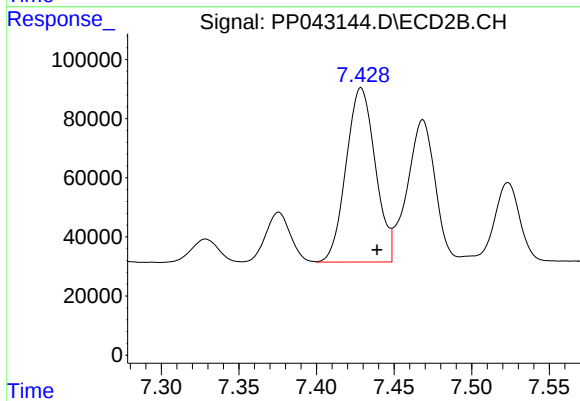
#35 AR-1260-5

R.T.: 7.981 min
Delta R.T.: -0.011 min
Response: 1197493
Conc: 477.46 ng/ml



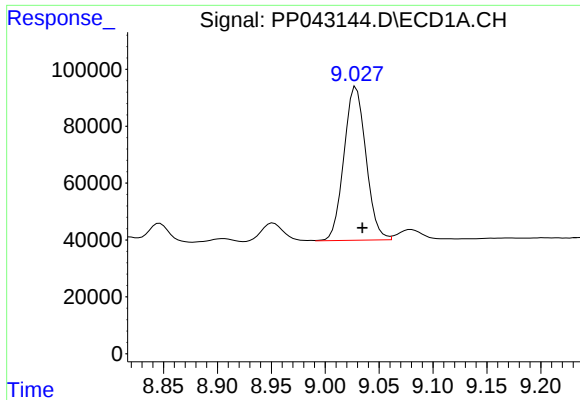
#36 AR-1262-1

R.T.: 8.484 min
Delta R.T.: -0.006 min
Response: 355730
Conc: 336.88 ng/ml



#36 AR-1262-1

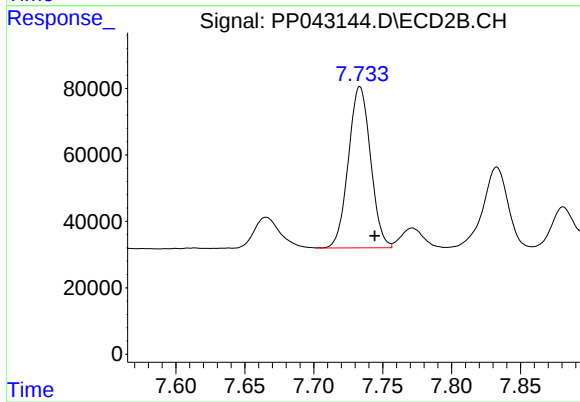
R.T.: 7.429 min
Delta R.T.: -0.010 min
Response: 773056
Conc: 853.96 ng/ml



#37 AR-1262-2

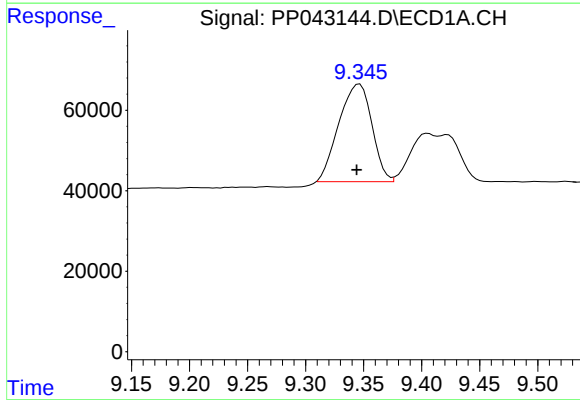
R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 767810
Conc: 443.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



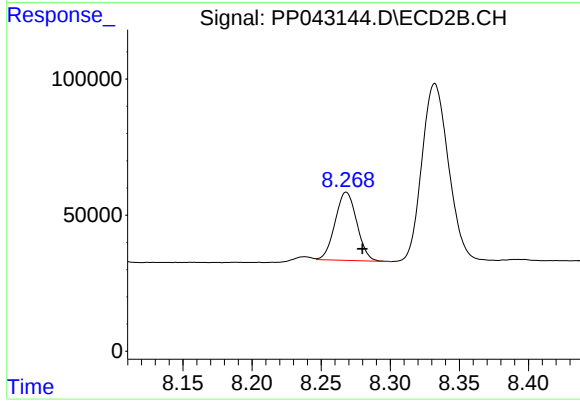
#37 AR-1262-2

R.T.: 7.733 min
Delta R.T.: -0.011 min
Response: 543486
Conc: 363.33 ng/ml



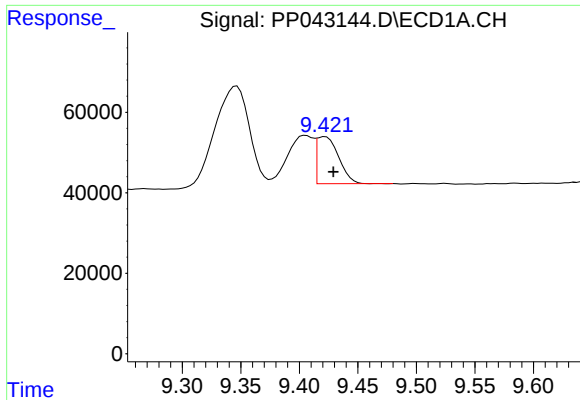
#38 AR-1262-3

R.T.: 9.346 min
Delta R.T.: 0.002 min
Response: 479830
Conc: 520.58 ng/ml



#38 AR-1262-3

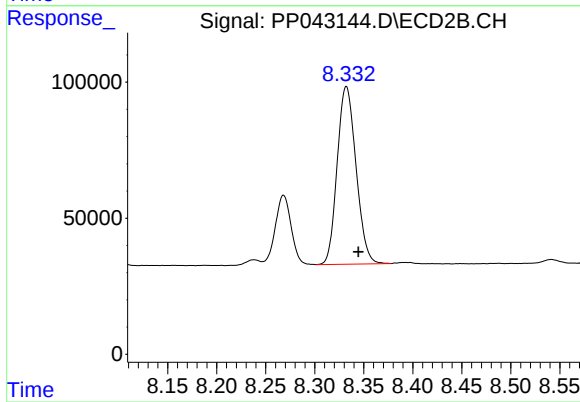
R.T.: 8.268 min
Delta R.T.: -0.012 min
Response: 274072
Conc: 245.65 ng/ml



#39 AR-1262-4

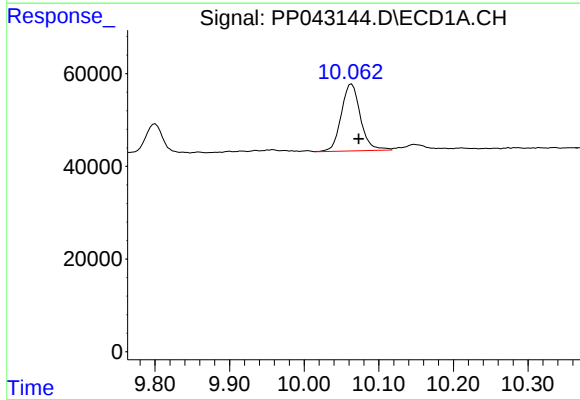
R.T.: 9.422 min
Delta R.T.: -0.007 min
Response: 151337
Conc: 280.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



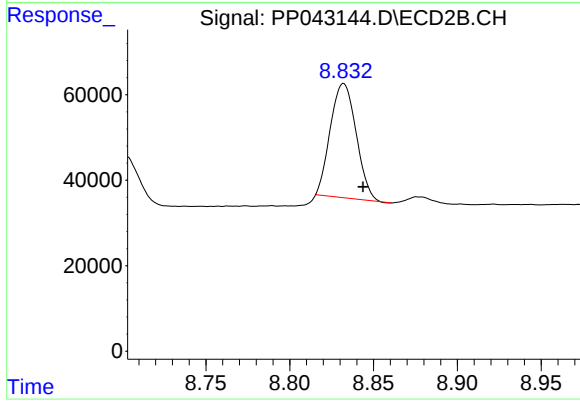
#39 AR-1262-4

R.T.: 8.332 min
Delta R.T.: -0.012 min
Response: 873845
Conc: 428.66 ng/ml



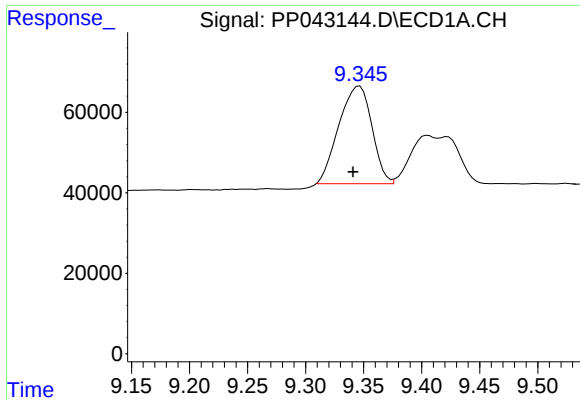
#40 AR-1262-5

R.T.: 10.064 min
Delta R.T.: -0.009 min
Response: 257393
Conc: 423.59 ng/ml



#40 AR-1262-5

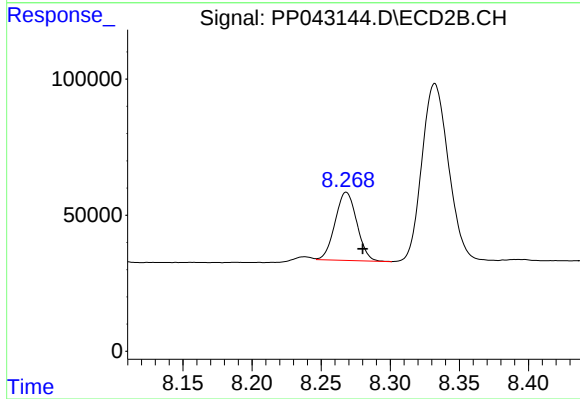
R.T.: 8.832 min
Delta R.T.: -0.012 min
Response: 286508
Conc: 308.97 ng/ml



#41 AR-1268-1

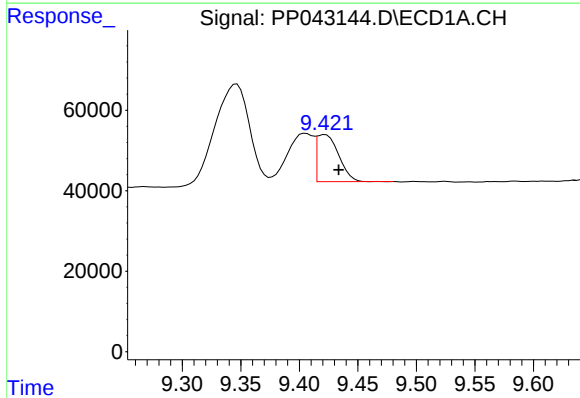
R.T.: 9.346 min
Delta R.T.: 0.005 min
Response: 479830
Conc: 232.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



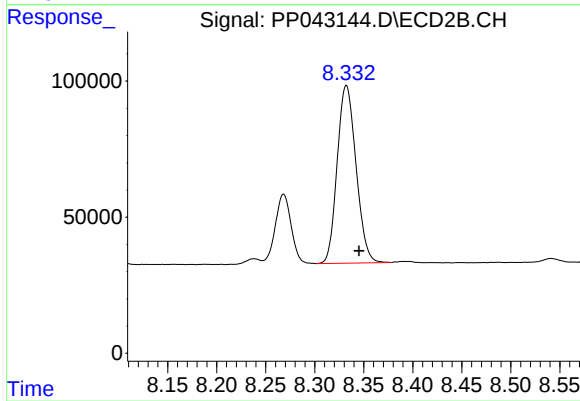
#41 AR-1268-1

R.T.: 8.268 min
Delta R.T.: -0.012 min
Response: 274072
Conc: 88.92 ng/ml



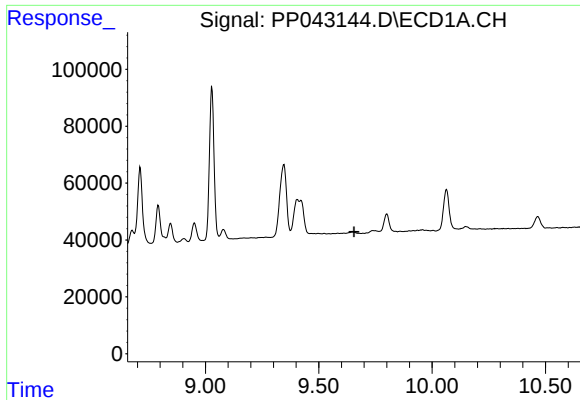
#42 AR-1268-2

R.T.: 9.422 min
Delta R.T.: -0.011 min
Response: 151337
Conc: 79.24 ng/ml



#42 AR-1268-2

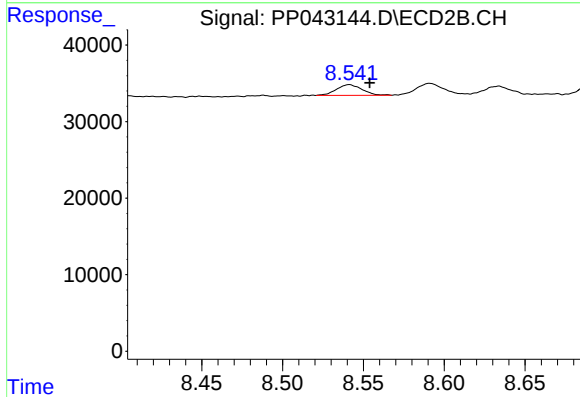
R.T.: 8.332 min
Delta R.T.: -0.013 min
Response: 873845
Conc: 307.24 ng/ml



#43 AR-1268-3

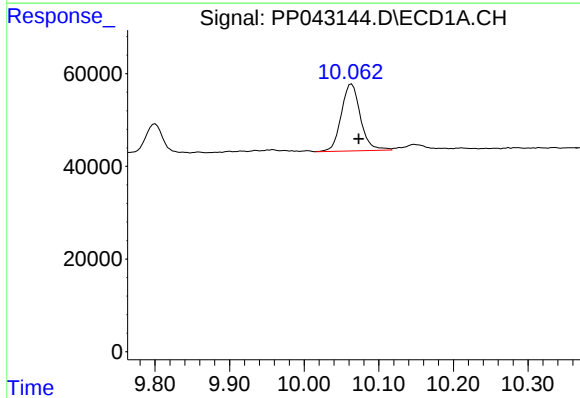
R.T.: 0.000 min
Exp R.T.: 9.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



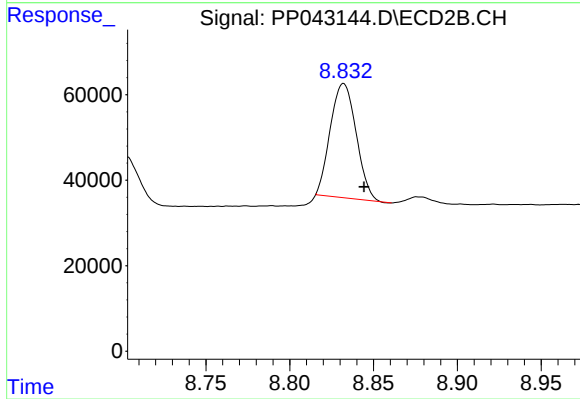
#43 AR-1268-3

R.T.: 8.541 min
Delta R.T.: -0.013 min
Response: 15342
Conc: 6.44 ng/ml



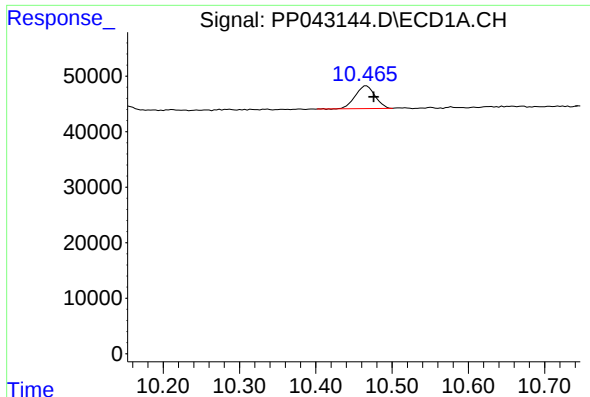
#44 AR-1268-4

R.T.: 10.064 min
Delta R.T.: -0.009 min
Response: 257393
Conc: 407.33 ng/ml



#44 AR-1268-4

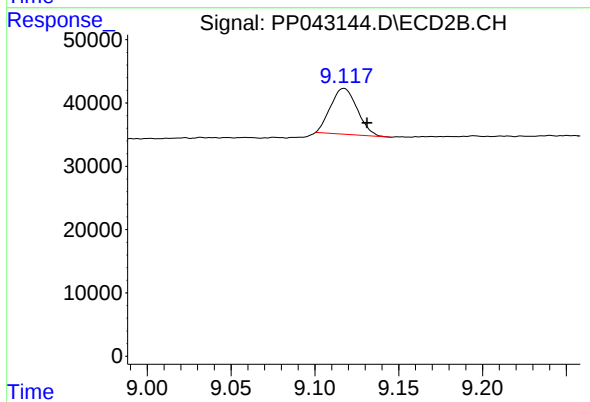
R.T.: 8.832 min
Delta R.T.: -0.012 min
Response: 286508
Conc: 280.96 ng/ml



#45 AR-1268-5

R.T.: 10.466 min
Delta R.T.: -0.010 min
Response: 73713
Conc: 13.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.117 min
Delta R.T.: -0.014 min
Response: 80146
Conc: 11.28 ng/ml