

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122221\
 Data File : PP042144.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Dec 2021 13:07
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 13:52:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 16 06:21:48 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...	4.926	4.065	735532	1386785	57.007	56.529
2)	SA Decachlor...	10.928	9.425	840914	1080846	63.811	53.757
Target Compounds							
3)	L1 AR-1016-1	6.235	5.335	130436	297960	319.035	288.883
4)	L1 AR-1016-2	6.259	5.356	160303	290864	265.653	207.856
5)	L1 AR-1016-3	6.326	5.552	82315	207046	217.488	266.403
6)	L1 AR-1016-4	6.430	5.602	91442	408021	298.763	671.985 #
7)	L1 AR-1016-5	6.748	5.833	230487	458340	781.154	573.270 #
8)	L2 AR-1221-1	5.160	0.000	5334	0	36.091	N.D. #
9)	L2 AR-1221-2	5.273	4.423	12219	22710	116.028	104.919
10)	L2 AR-1221-3	5.354	4.516	12362	41175	38.239	56.371 #
11)	L3 AR-1232-1	5.354	4.516	12362	41175	47.877	67.711 #
12)	L3 AR-1232-2	5.943	5.356	65395	290864	481.974	516.431
13)	L3 AR-1232-3	6.259	5.552	160303	207046	675.843	675.670
14)	L3 AR-1232-4	6.430	5.646	91442	431588	768.791	1642.067 #
15)	L3 AR-1232-5	6.532	5.833	188426	458340	2412.185	1629.868 #
16)	L4 AR-1242-1	6.235	5.335	130436	297960	436.374	388.285
17)	L4 AR-1242-2	6.259	5.356	160303	290864	362.845	284.047
18)	L4 AR-1242-3	6.326	5.552	82315	207046	302.903	358.788
19)	L4 AR-1242-4	6.430	5.646	91442	431588	399.705	780.991 #
20)	L4 AR-1242-5	7.215	6.215	247517	678643	1059.795	968.891
21)	L5 AR-1248-1	6.235	5.335	130436	297960	585.564	538.822
22)	L5 AR-1248-2	6.532	5.602	188426	408021	597.078	531.639
23)	L5 AR-1248-3	6.748	5.646	230487	431588	609.878	531.397
24)	L5 AR-1248-4	7.175	5.833	254353	458340	633.887	477.534
25)	L5 AR-1248-5	7.215	6.259	247517	505246	617.462	524.512
26)	L6 AR-1254-1	7.145	6.215	199915	678643	435.893	470.489
27)	L6 AR-1254-2	7.378	6.374	265038	202654	358.854	160.877 #
28)	L6 AR-1254-3	7.757	6.800	152481	342401	195.158	175.174
29)	L6 AR-1254-4	8.052	7.039	110780	213808	193.561	182.686
30)	L6 AR-1254-5	8.483	7.472	42408	72121	67.335	45.829 #
31)	L7 AR-1260-1	7.930	6.950	23319	184602	39.585	143.803 #
32)	L7 AR-1260-2	8.194	7.134	35256	51242	51.813	33.735 #
33)	L7 AR-1260-3	8.565	7.290	2910	44310	5.273	31.838 #
34)	L7 AR-1260-4	8.778	0.000	24959	0	39.532	N.D. #
35)	L7 AR-1260-5	9.113	8.025	18950	9712	15.714	3.961 #
36)	L8 AR-1262-1	8.565	7.472	2910	72121	3.948	90.424 #
37)	L8 AR-1262-2	9.113	0.000	18950	0	15.233	N.D. #
38)	L8 AR-1262-3	9.443f	8.328	3976	24216	6.074	23.173 #
39)	L8 AR-1262-4	9.488f	8.375	2263	15201	5.355	8.174 #
41)	L9 AR-1268-1	9.443f	8.328	3976	24216	2.566	8.912 #
42)	L9 AR-1268-2	0.000	8.375	0	15201	N.D.	5.825 #

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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
43) L9	AR-1268-3	9.746	0.000	1664	0	1.284	N.D. #

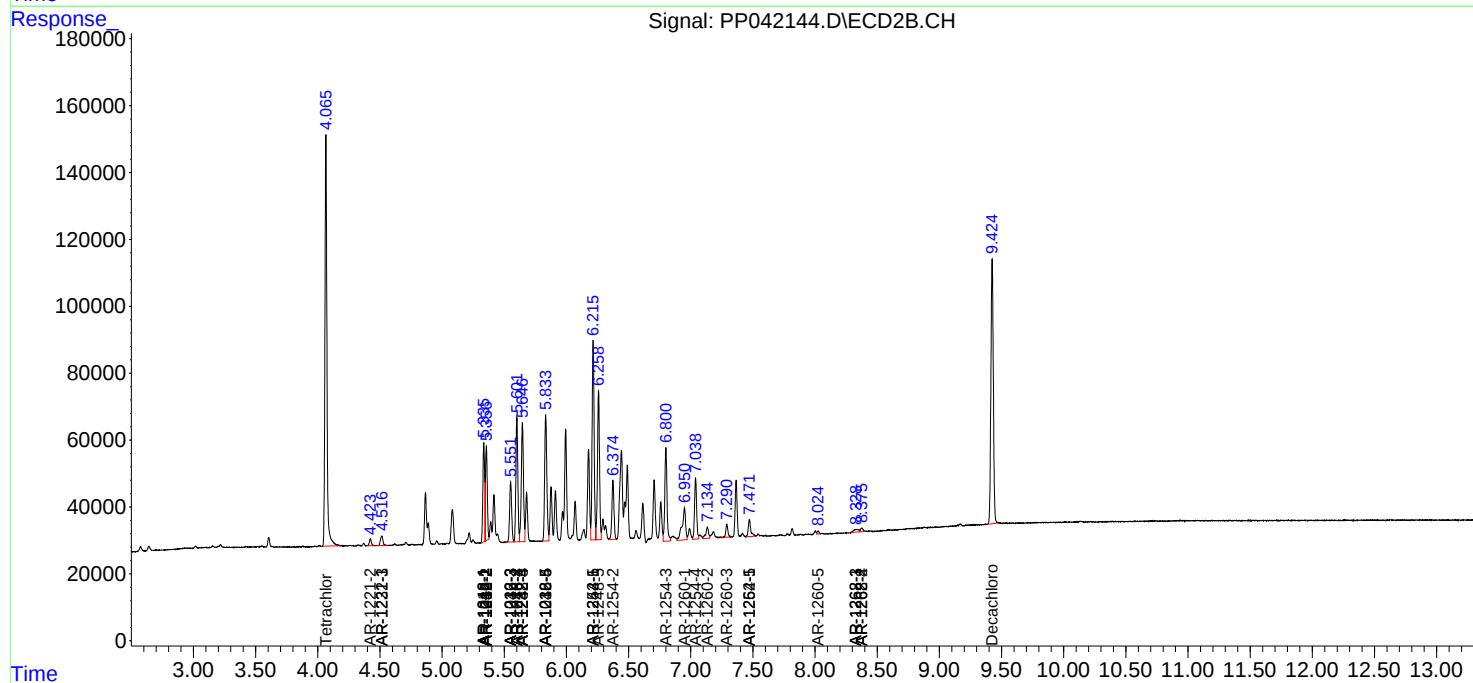
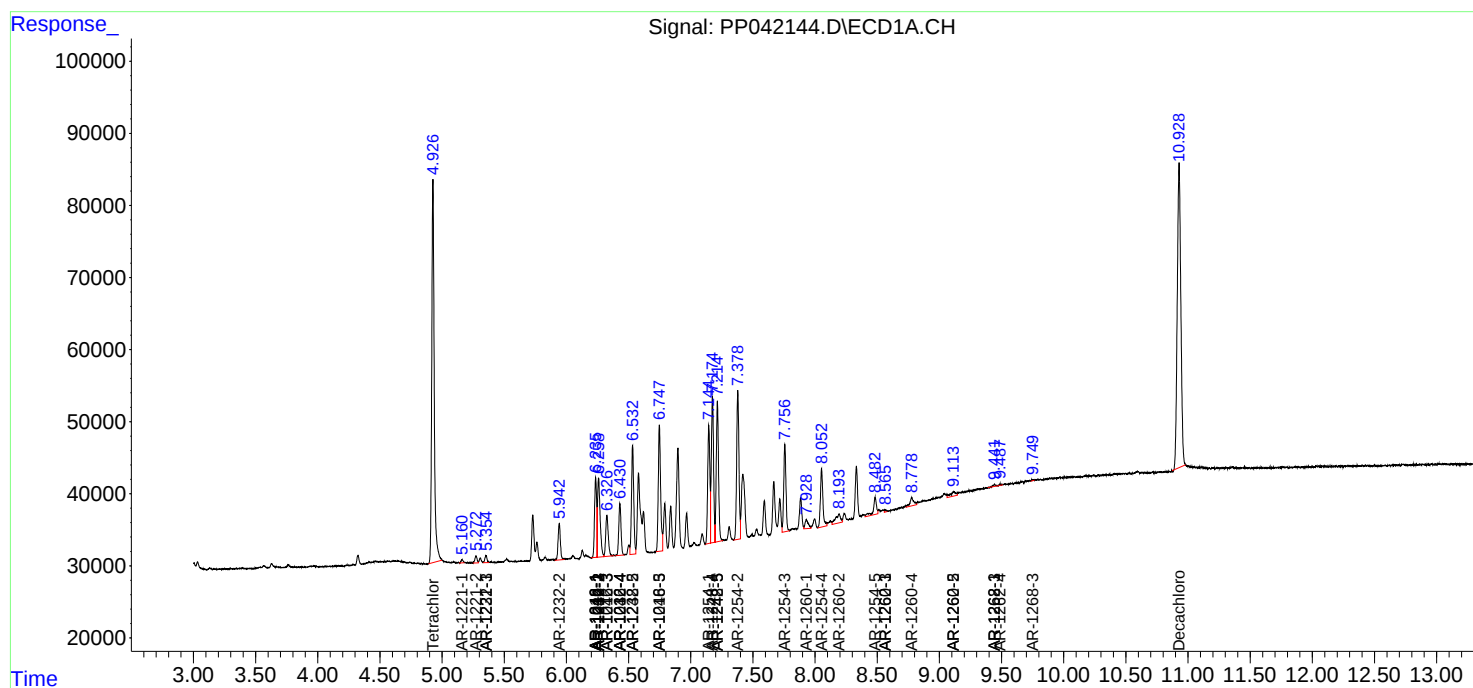
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

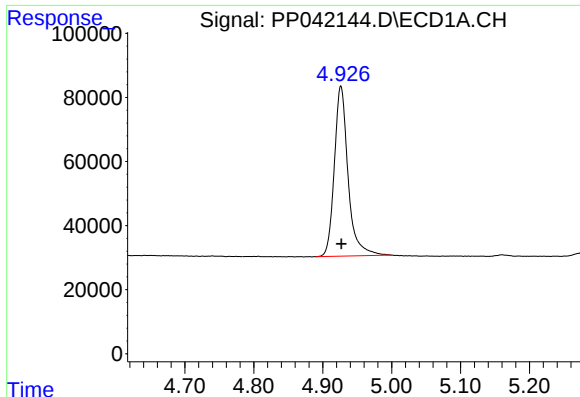
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122221\
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Acq On : 22 Dec 2021 13:07
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

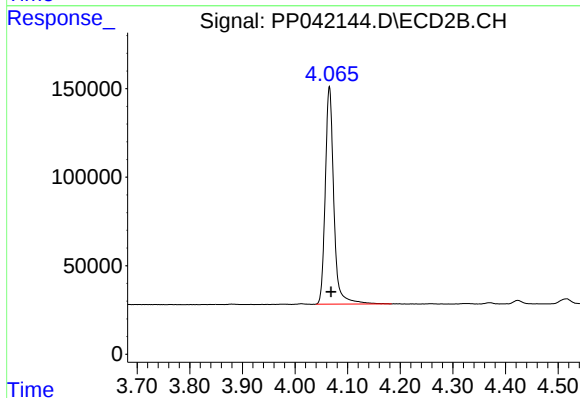




#1 Tetrachloro-m-xylene

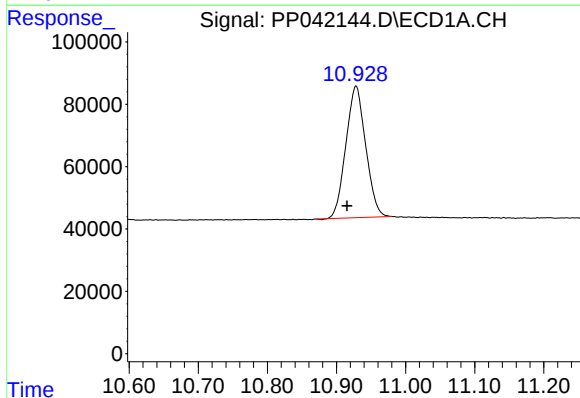
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 735532
Conc: 57.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



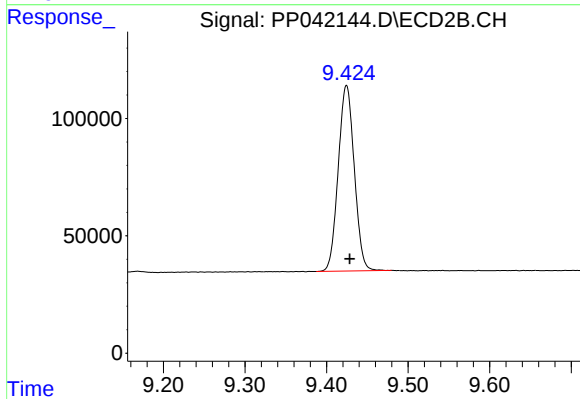
#1 Tetrachloro-m-xylene

R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 1386785
Conc: 56.53 ng/ml



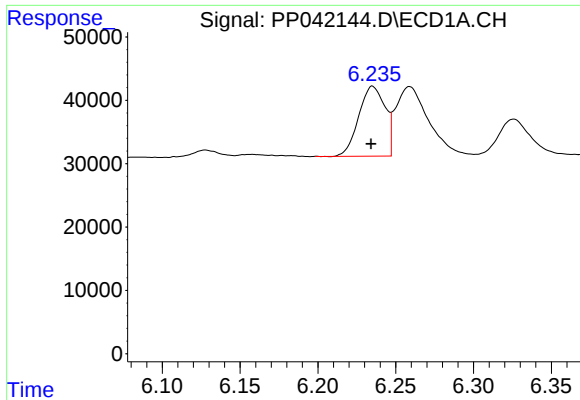
#2 Decachlorobiphenyl

R.T.: 10.928 min
Delta R.T.: 0.013 min
Response: 840914
Conc: 63.81 ng/ml



#2 Decachlorobiphenyl

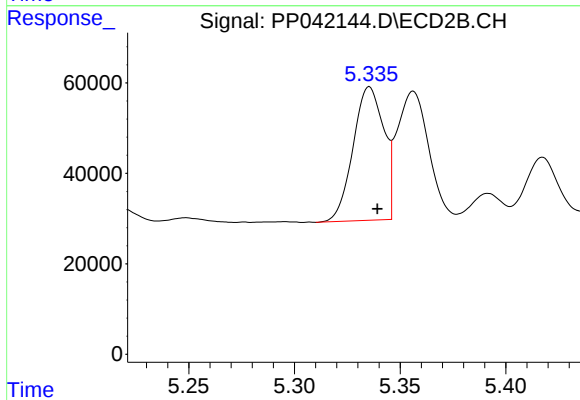
R.T.: 9.425 min
Delta R.T.: -0.004 min
Response: 1080846
Conc: 53.76 ng/ml



#3 AR-1016-1

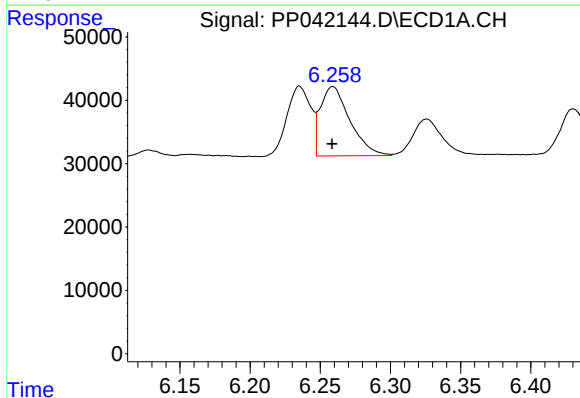
R.T.: 6.235 min
Delta R.T.: 0.001 min
Response: 130436
Conc: 319.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



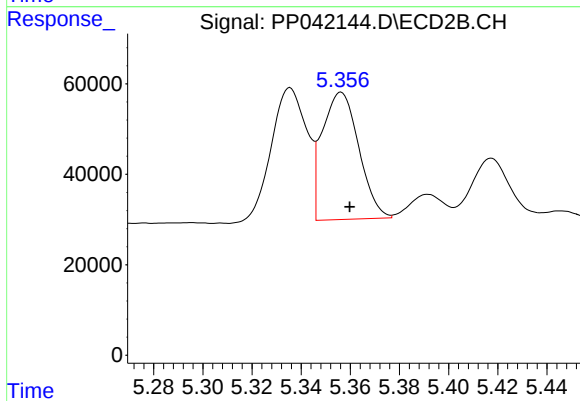
#3 AR-1016-1

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 297960
Conc: 288.88 ng/ml



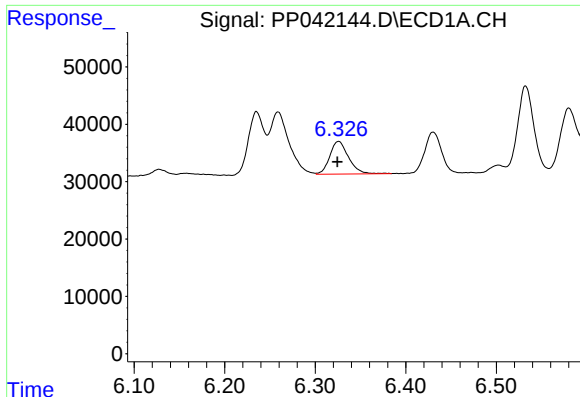
#4 AR-1016-2

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 160303
Conc: 265.65 ng/ml



#4 AR-1016-2

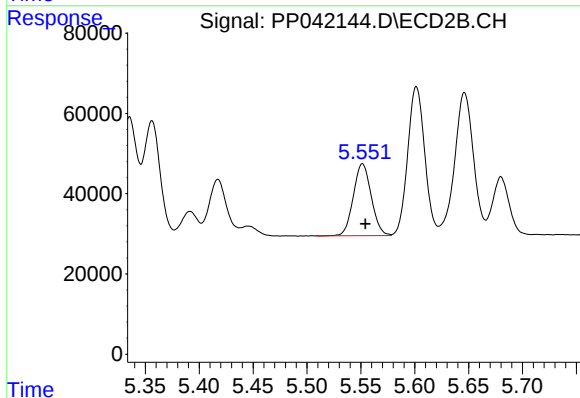
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 290864
Conc: 207.86 ng/ml



#5 AR-1016-3

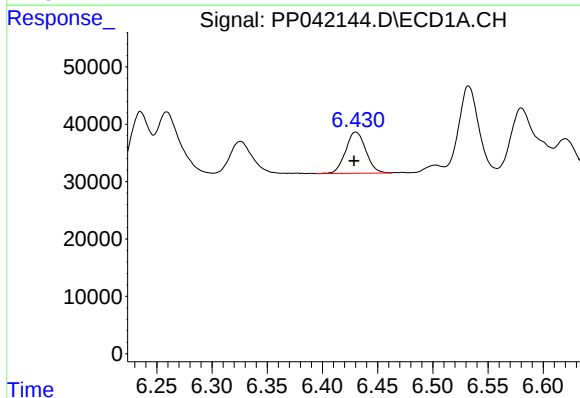
R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 82315
Conc: 217.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



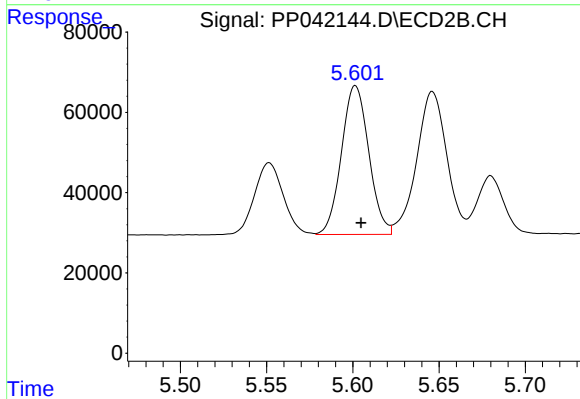
#5 AR-1016-3

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 207046
Conc: 266.40 ng/ml



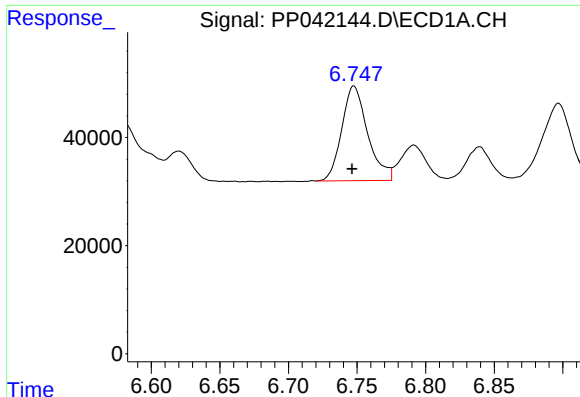
#6 AR-1016-4

R.T.: 6.430 min
Delta R.T.: 0.001 min
Response: 91442
Conc: 298.76 ng/ml



#6 AR-1016-4

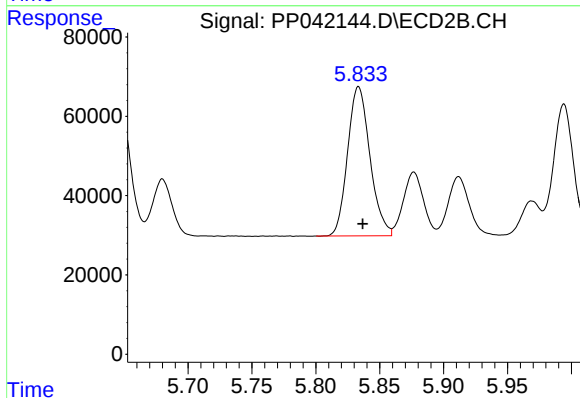
R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 408021
Conc: 671.98 ng/ml



#7 AR-1016-5

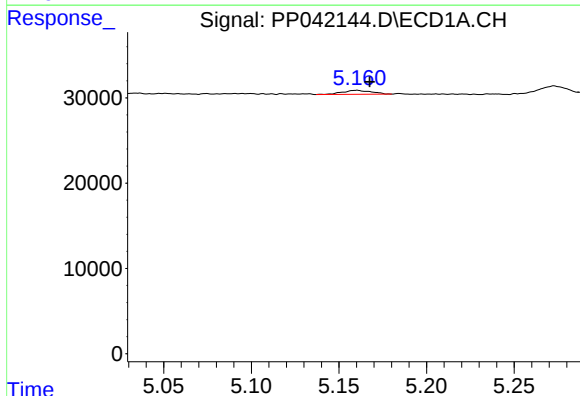
R.T.: 6.748 min
Delta R.T.: 0.001 min
Response: 230487
Conc: 781.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



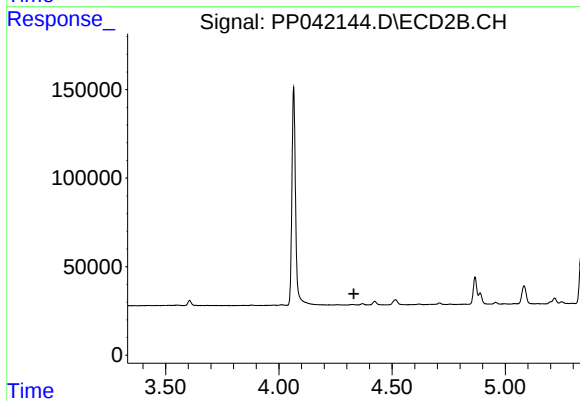
#7 AR-1016-5

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 458340
Conc: 573.27 ng/ml



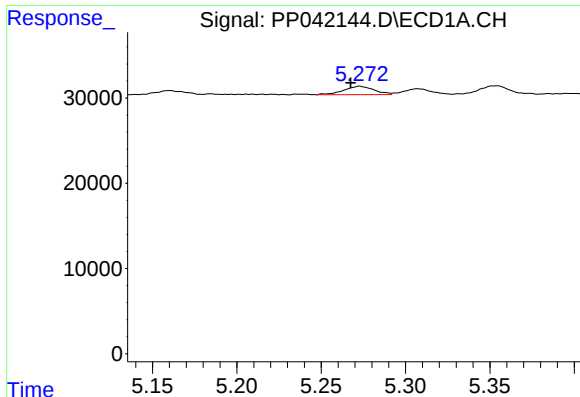
#8 AR-1221-1

R.T.: 5.160 min
Delta R.T.: -0.007 min
Response: 5334
Conc: 36.09 ng/ml



#8 AR-1221-1

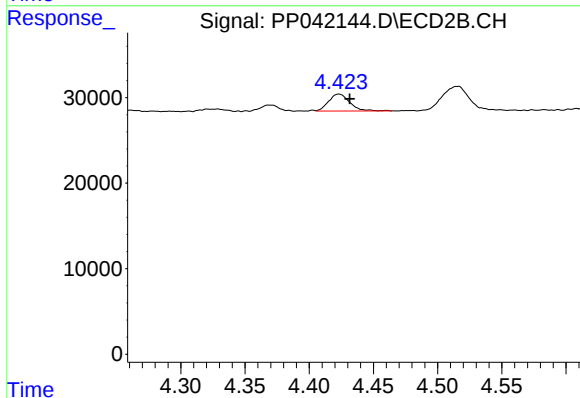
R.T.: 0.000 min
Exp R.T. : 4.332 min
Response: 0
Conc: N.D.



#9 AR-1221-2

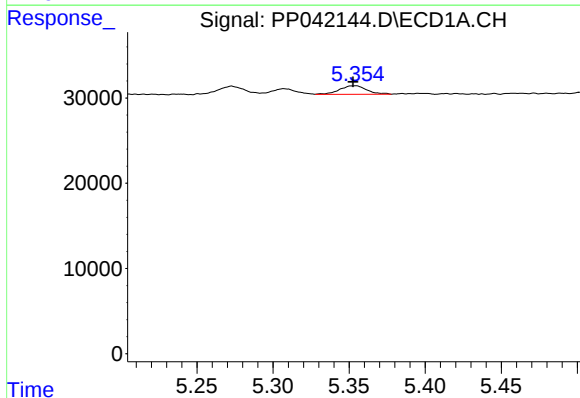
R.T.: 5.273 min
Delta R.T.: 0.005 min
Response: 12219
Conc: 116.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



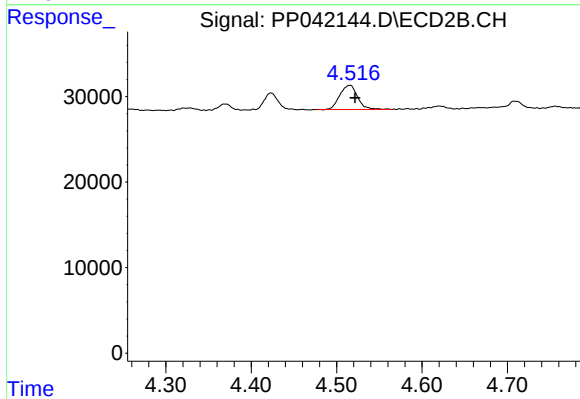
#9 AR-1221-2

R.T.: 4.423 min
Delta R.T.: -0.008 min
Response: 22710
Conc: 104.92 ng/ml



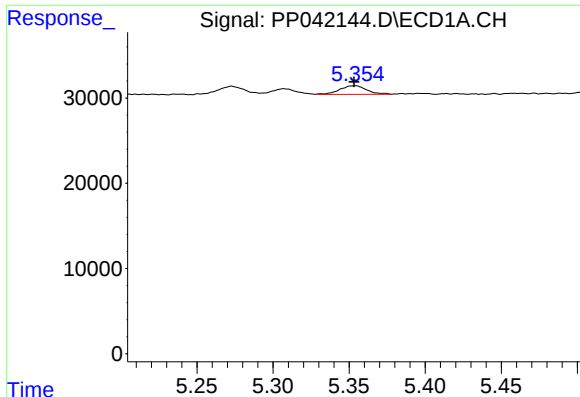
#10 AR-1221-3

R.T.: 5.354 min
Delta R.T.: 0.002 min
Response: 12362
Conc: 38.24 ng/ml



#10 AR-1221-3

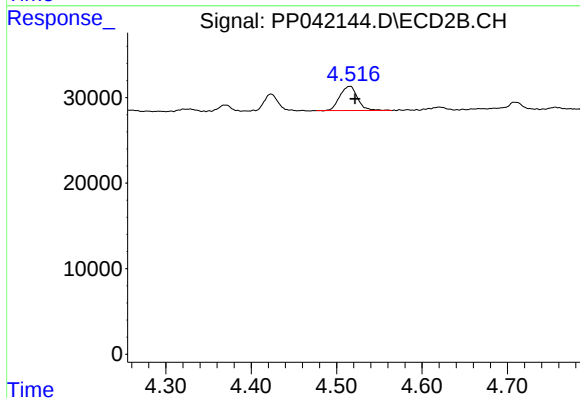
R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 41175
Conc: 56.37 ng/ml



#11 AR-1232-1

R.T.: 5.354 min
Delta R.T.: 0.001 min
Response: 12362
Conc: 47.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



#11 AR-1232-1

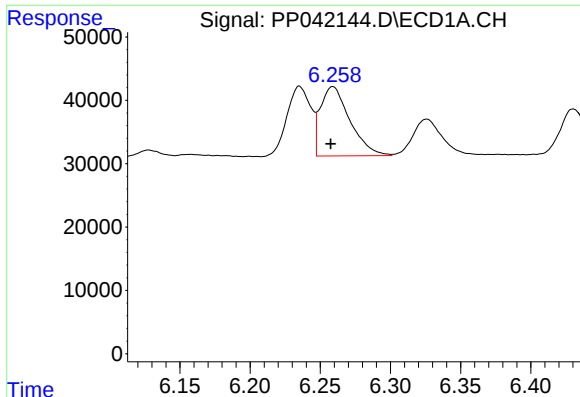
R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 41175
Conc: 67.71 ng/ml

#12 AR-1232-2

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 65395
Conc: 481.97 ng/ml

#12 AR-1232-2

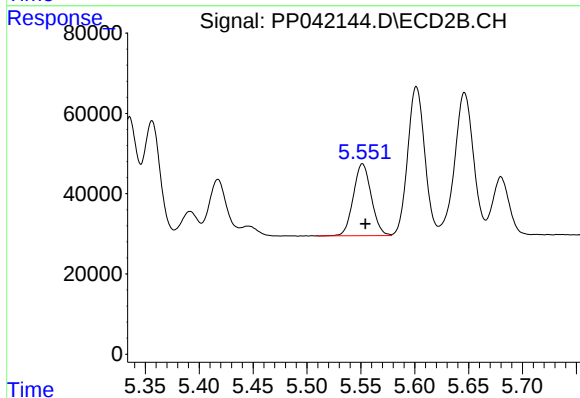
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 290864
Conc: 516.43 ng/ml



#13 AR-1232-3

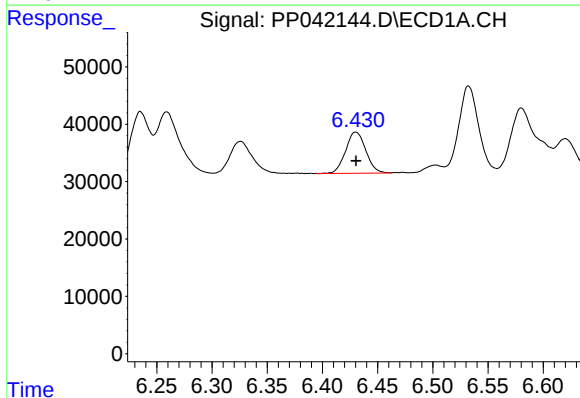
R.T.: 6.259 min
Delta R.T.: 0.001 min
Response: 160303
Conc: 675.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



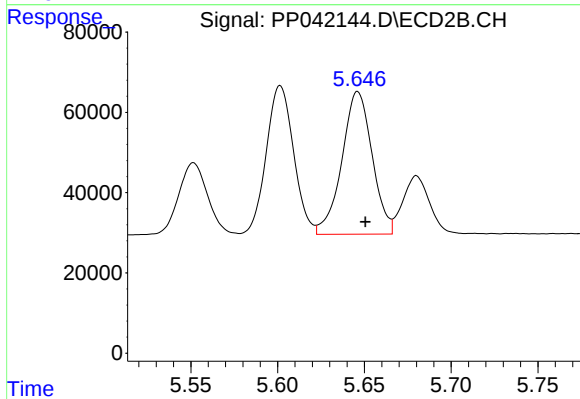
#13 AR-1232-3

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 207046
Conc: 675.67 ng/ml



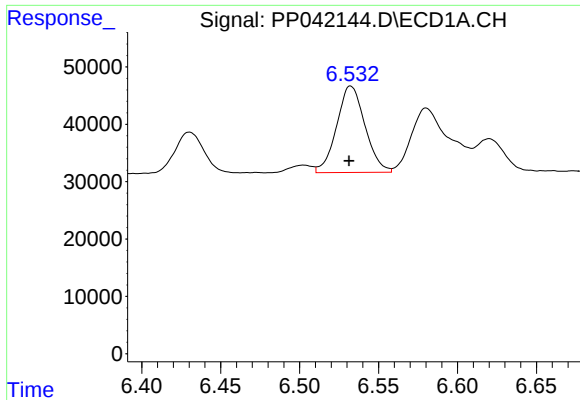
#14 AR-1232-4

R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 91442
Conc: 768.79 ng/ml



#14 AR-1232-4

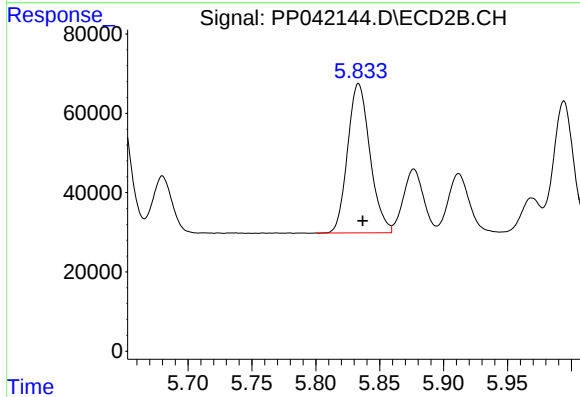
R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 431588
Conc: 1642.07 ng/ml



#15 AR-1232-5

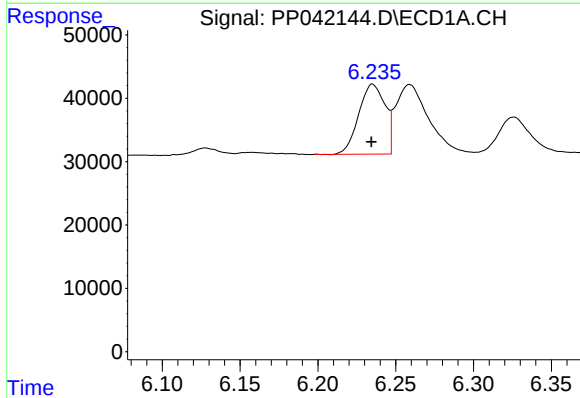
R.T.: 6.532 min
Delta R.T.: 0.001 min
Response: 188426
Conc: 2412.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



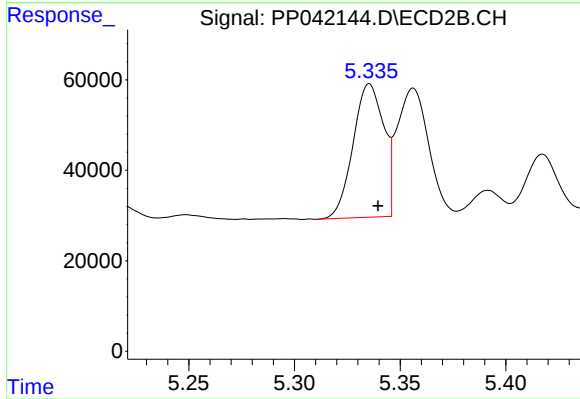
#15 AR-1232-5

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 458340
Conc: 1629.87 ng/ml



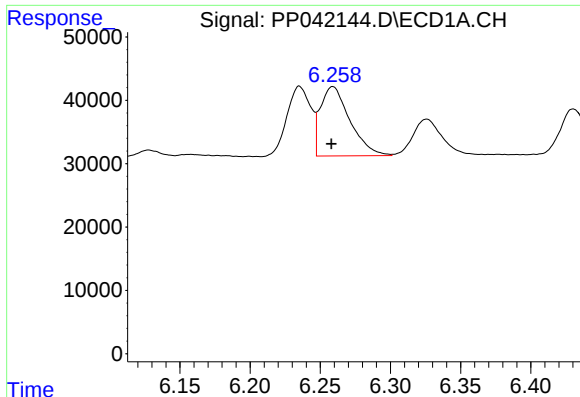
#16 AR-1242-1

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 130436
Conc: 436.37 ng/ml



#16 AR-1242-1

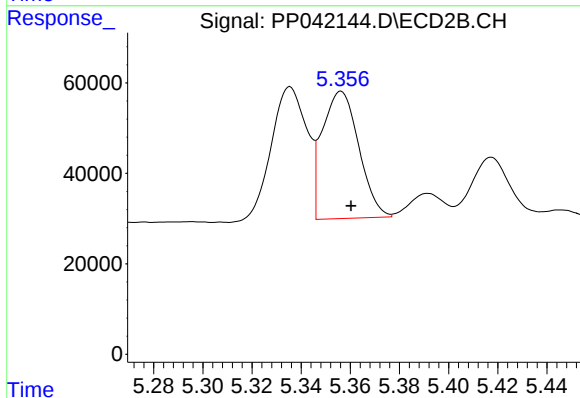
R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 297960
Conc: 388.29 ng/ml



#17 AR-1242-2

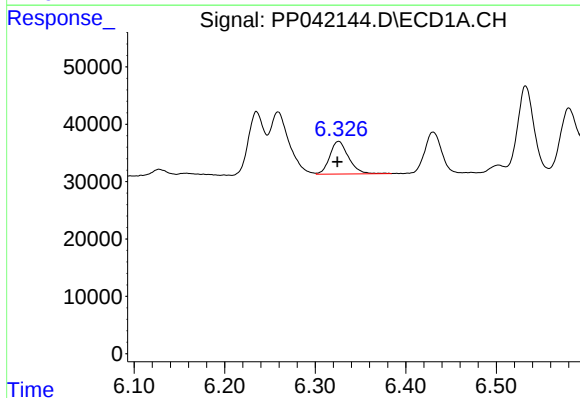
R.T.: 6.259 min
Delta R.T.: 0.001 min
Response: 160303
Conc: 362.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



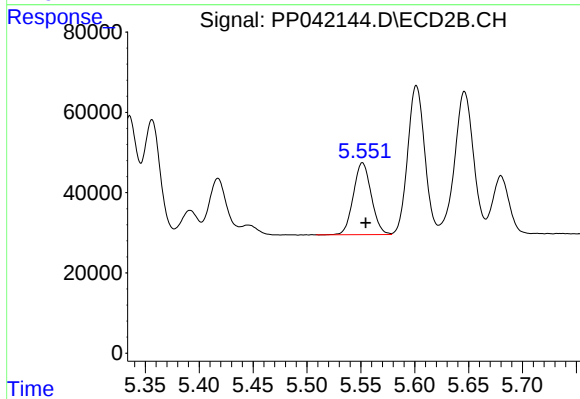
#17 AR-1242-2

R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 290864
Conc: 284.05 ng/ml



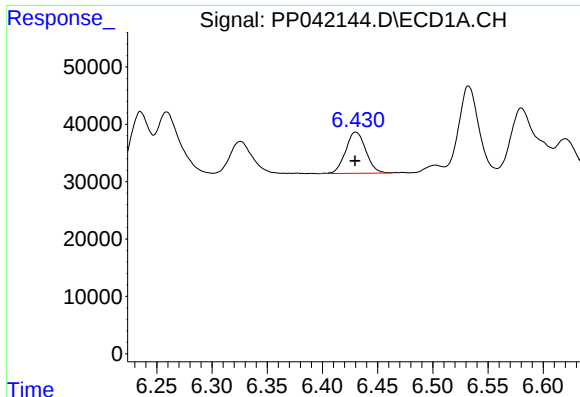
#18 AR-1242-3

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 82315
Conc: 302.90 ng/ml



#18 AR-1242-3

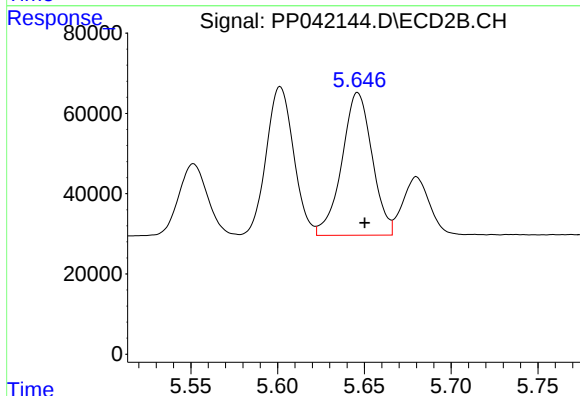
R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 207046
Conc: 358.79 ng/ml



#19 AR-1242-4

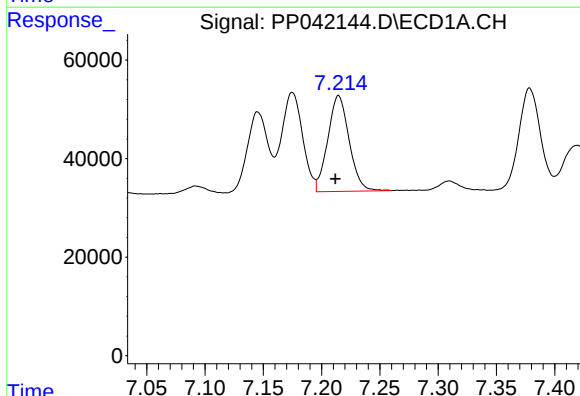
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 91442
Conc: 399.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



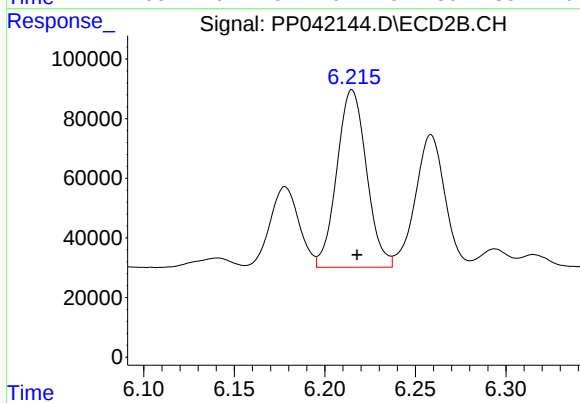
#19 AR-1242-4

R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 431588
Conc: 780.99 ng/ml



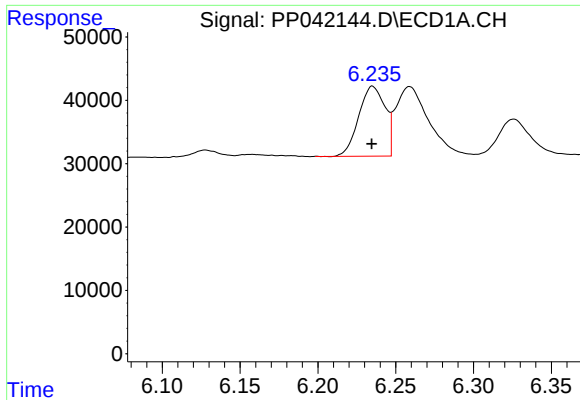
#20 AR-1242-5

R.T.: 7.215 min
Delta R.T.: 0.003 min
Response: 247517
Conc: 1059.80 ng/ml



#20 AR-1242-5

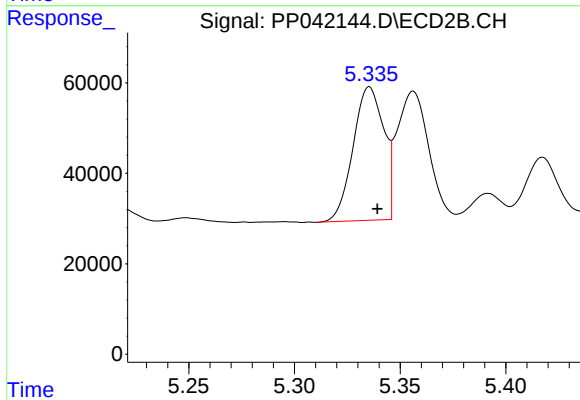
R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 678643
Conc: 968.89 ng/ml



#21 AR-1248-1

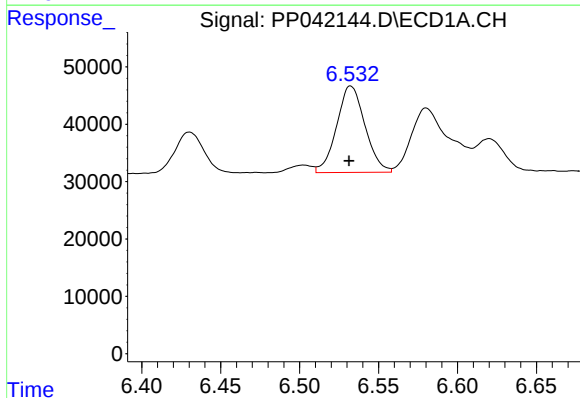
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 130436
Conc: 585.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



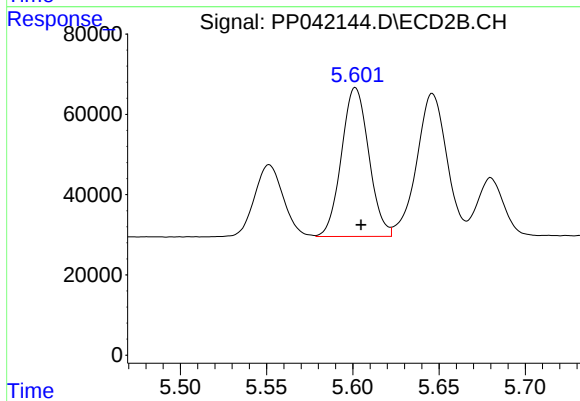
#21 AR-1248-1

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 297960
Conc: 538.82 ng/ml



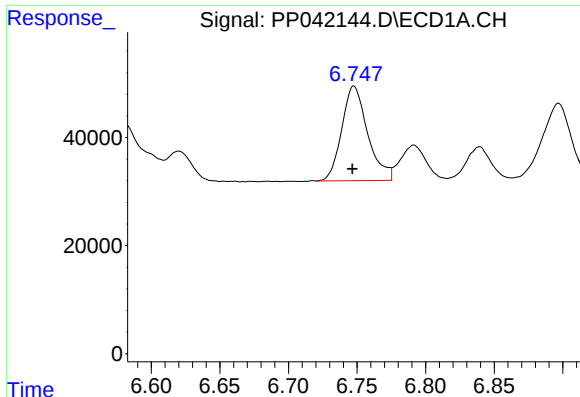
#22 AR-1248-2

R.T.: 6.532 min
Delta R.T.: 0.001 min
Response: 188426
Conc: 597.08 ng/ml



#22 AR-1248-2

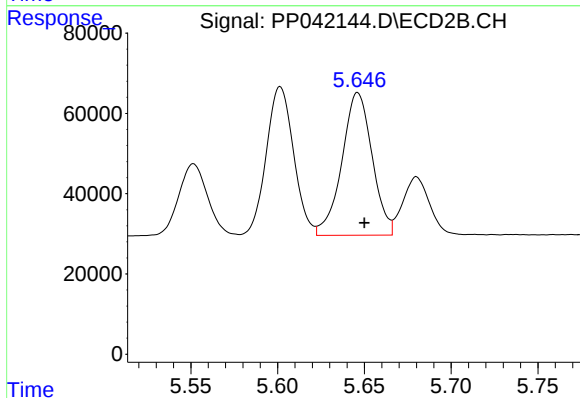
R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 408021
Conc: 531.64 ng/ml



#23 AR-1248-3

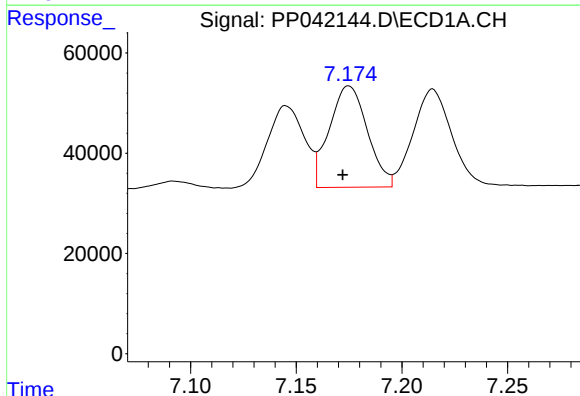
R.T.: 6.748 min
Delta R.T.: 0.001 min
Response: 230487
Conc: 609.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



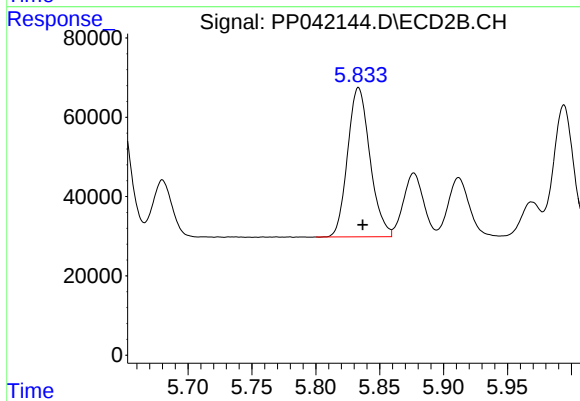
#23 AR-1248-3

R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 431588
Conc: 531.40 ng/ml



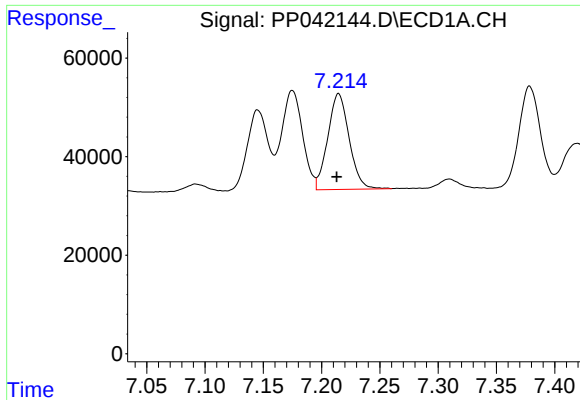
#24 AR-1248-4

R.T.: 7.175 min
Delta R.T.: 0.003 min
Response: 254353
Conc: 633.89 ng/ml



#24 AR-1248-4

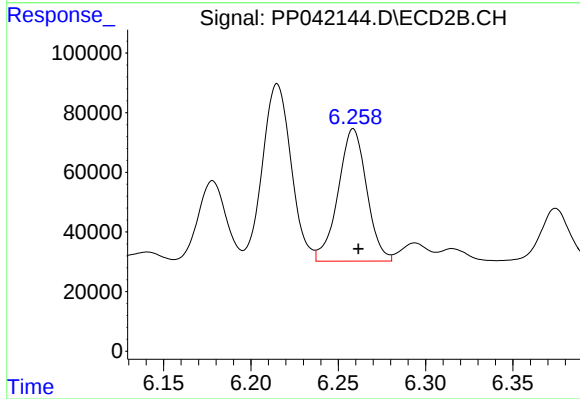
R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 458340
Conc: 477.53 ng/ml



#25 AR-1248-5

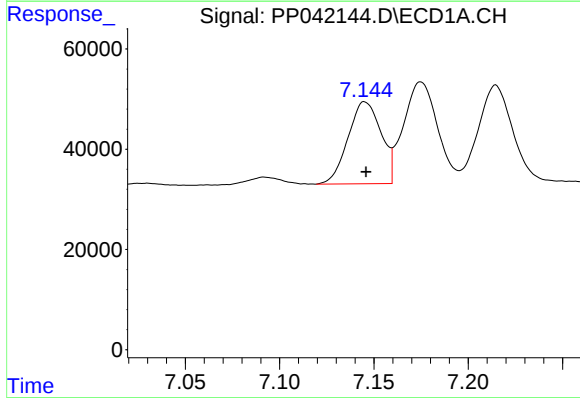
R.T.: 7.215 min
Delta R.T.: 0.002 min
Response: 247517
Conc: 617.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



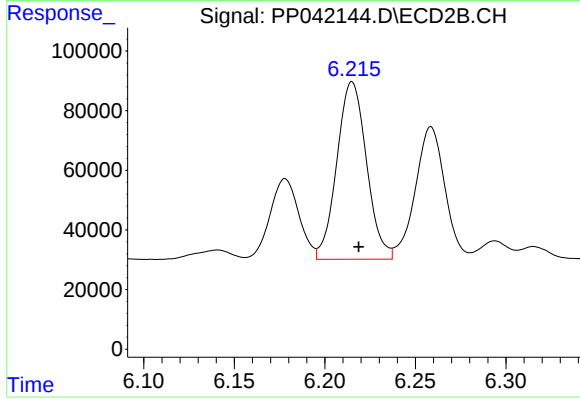
#25 AR-1248-5

R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 505246
Conc: 524.51 ng/ml



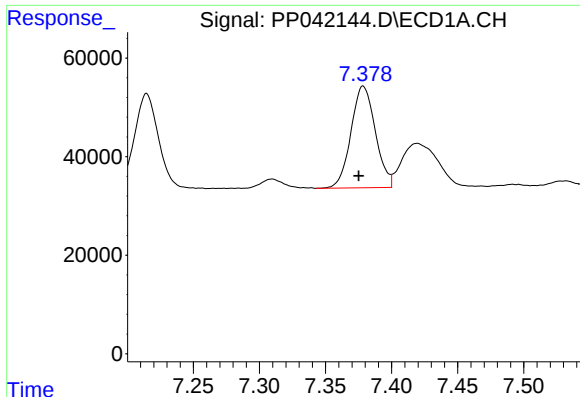
#26 AR-1254-1

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 199915
Conc: 435.89 ng/ml



#26 AR-1254-1

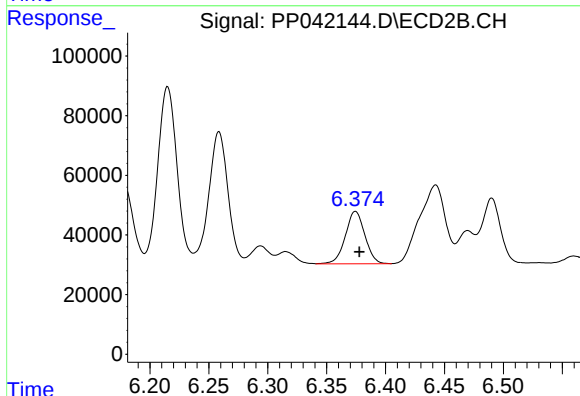
R.T.: 6.215 min
Delta R.T.: -0.004 min
Response: 678643
Conc: 470.49 ng/ml



#27 AR-1254-2

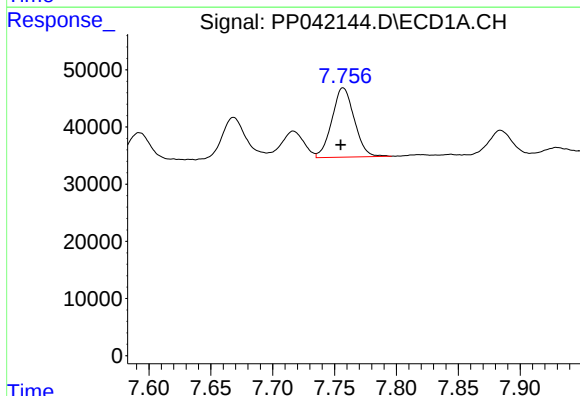
R.T.: 7.378 min
Delta R.T.: 0.003 min
Response: 265038
Conc: 358.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



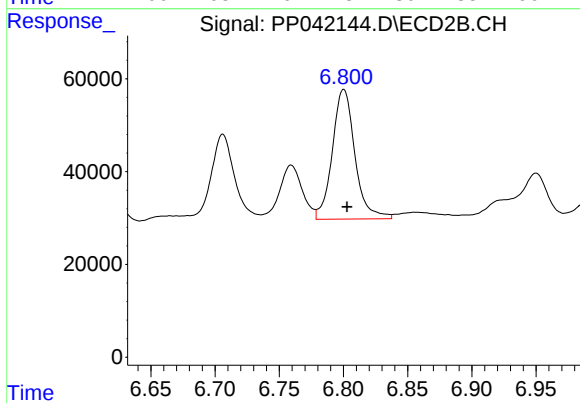
#27 AR-1254-2

R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 202654
Conc: 160.88 ng/ml



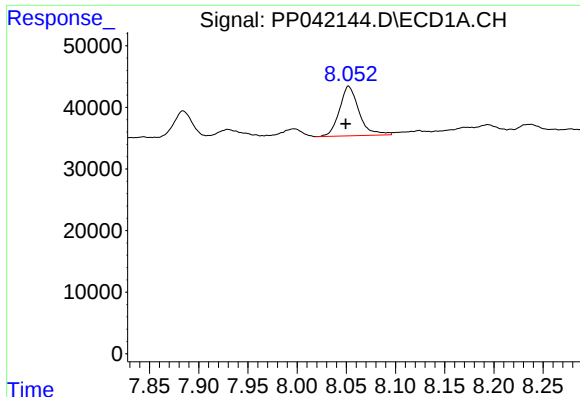
#28 AR-1254-3

R.T.: 7.757 min
Delta R.T.: 0.002 min
Response: 152481
Conc: 195.16 ng/ml



#28 AR-1254-3

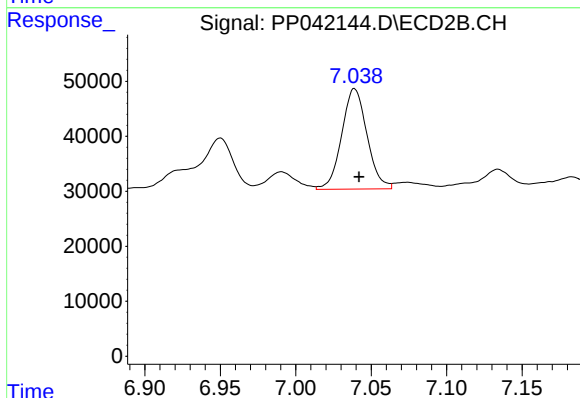
R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 342401
Conc: 175.17 ng/ml



#29 AR-1254-4

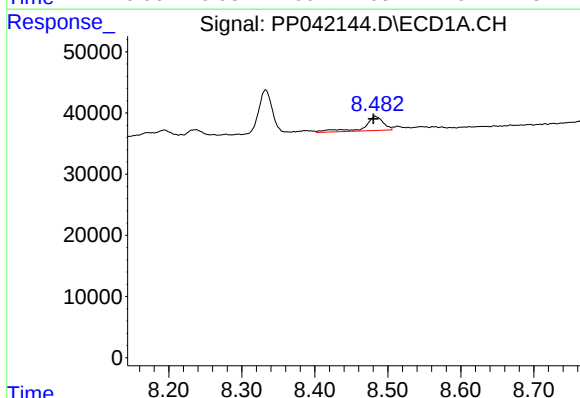
R.T.: 8.052 min
Delta R.T.: 0.003 min
Response: 110780
Conc: 193.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



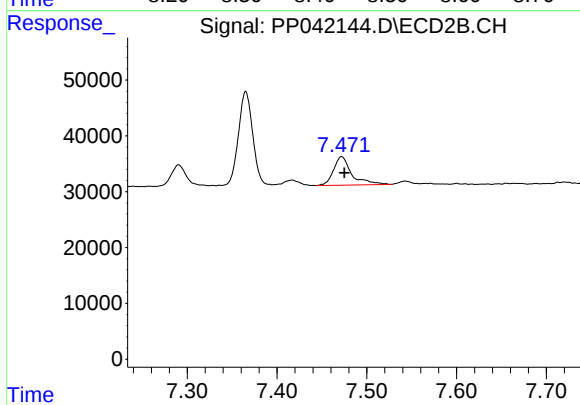
#29 AR-1254-4

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 213808
Conc: 182.69 ng/ml



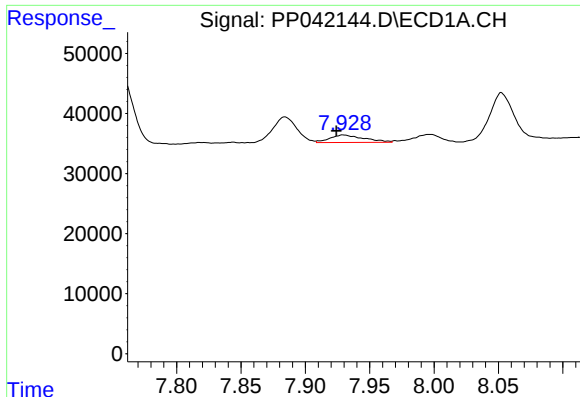
#30 AR-1254-5

R.T.: 8.483 min
Delta R.T.: 0.002 min
Response: 42408
Conc: 67.33 ng/ml



#30 AR-1254-5

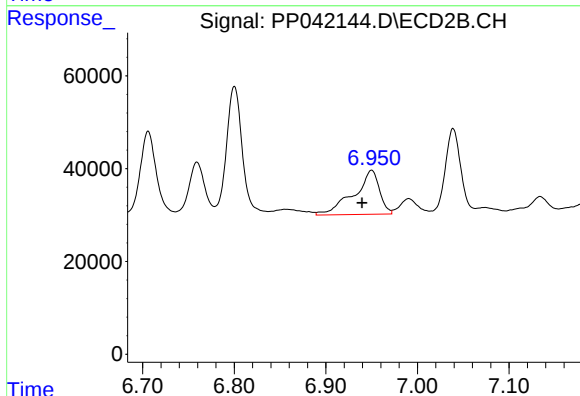
R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 72121
Conc: 45.83 ng/ml



#31 AR-1260-1

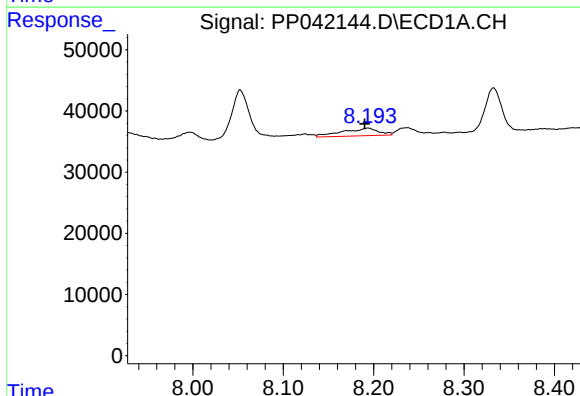
R.T.: 7.930 min
Delta R.T.: 0.005 min
Response: 23319
Conc: 39.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



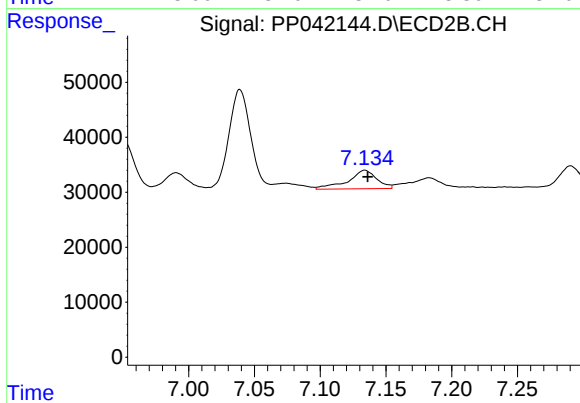
#31 AR-1260-1

R.T.: 6.950 min
Delta R.T.: 0.010 min
Response: 184602
Conc: 143.80 ng/ml



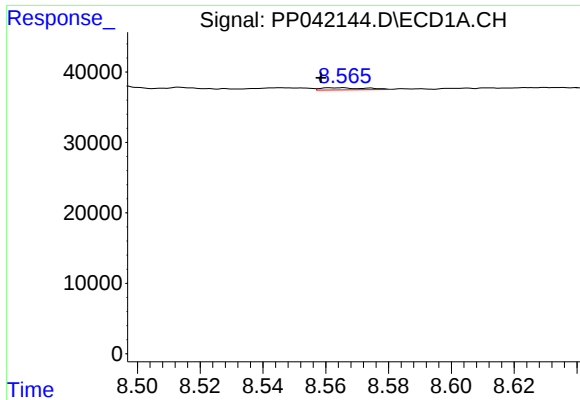
#32 AR-1260-2

R.T.: 8.194 min
Delta R.T.: 0.004 min
Response: 35256
Conc: 51.81 ng/ml



#32 AR-1260-2

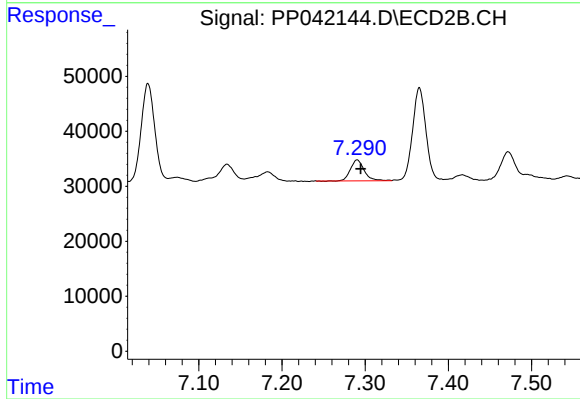
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 51242
Conc: 33.74 ng/ml



#33 AR-1260-3

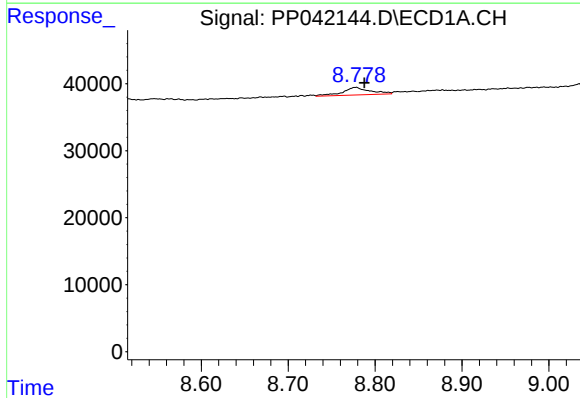
R.T.: 8.565 min
Delta R.T.: 0.006 min
Response: 2910
Conc: 5.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



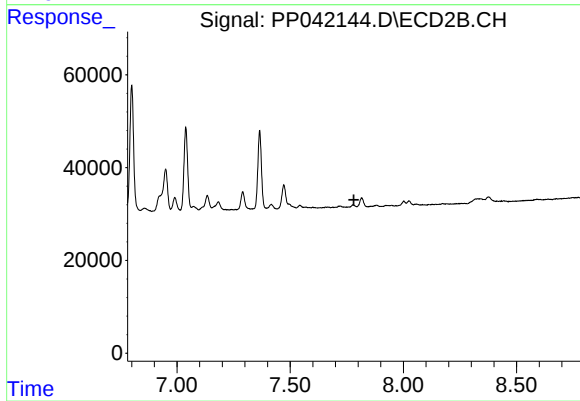
#33 AR-1260-3

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 44310
Conc: 31.84 ng/ml



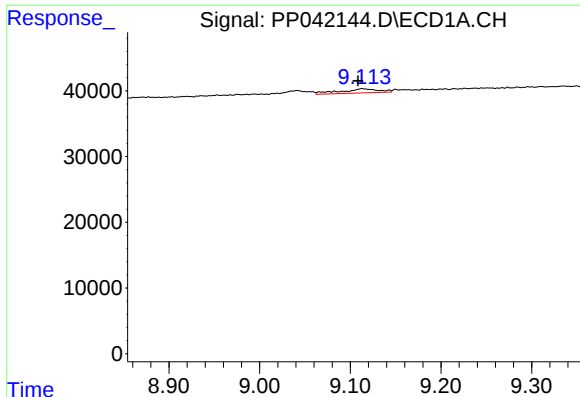
#34 AR-1260-4

R.T.: 8.778 min
Delta R.T.: -0.010 min
Response: 24959
Conc: 39.53 ng/ml



#34 AR-1260-4

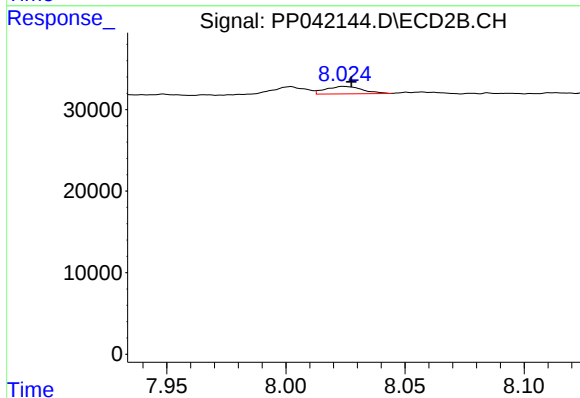
R.T.: 0.000 min
Exp R.T. : 7.781 min
Response: 0
Conc: N.D.



#35 AR-1260-5

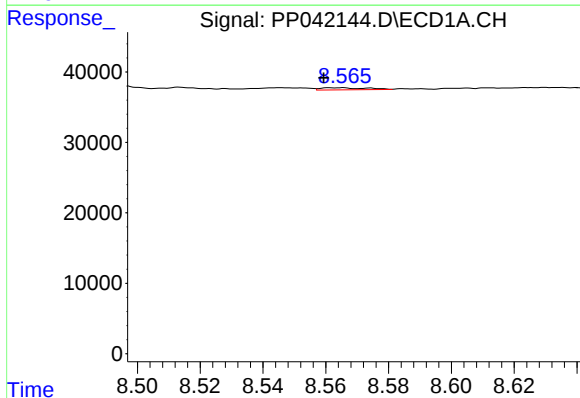
R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 18950
Conc: 15.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



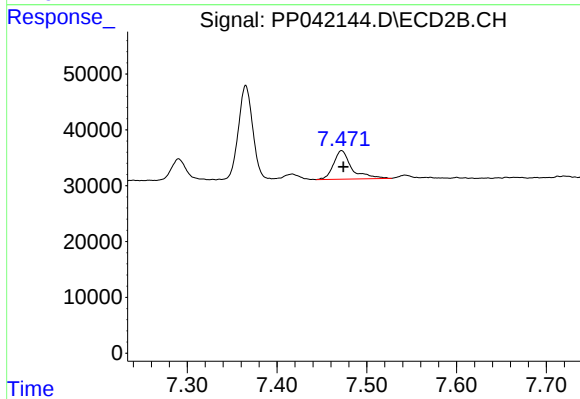
#35 AR-1260-5

R.T.: 8.025 min
Delta R.T.: -0.003 min
Response: 9712
Conc: 3.96 ng/ml



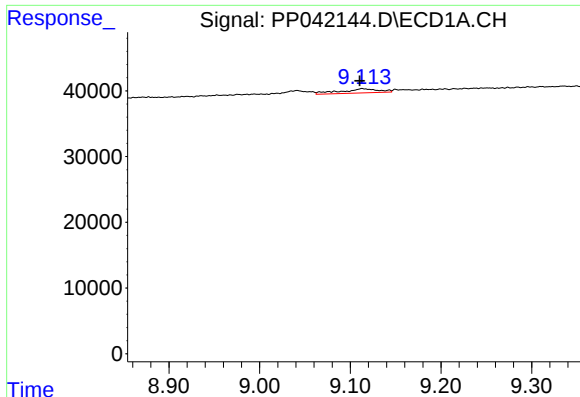
#36 AR-1262-1

R.T.: 8.565 min
Delta R.T.: 0.005 min
Response: 2910
Conc: 3.95 ng/ml



#36 AR-1262-1

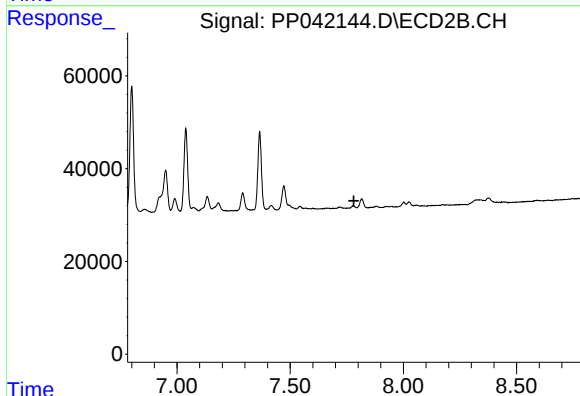
R.T.: 7.472 min
Delta R.T.: -0.002 min
Response: 72121
Conc: 90.42 ng/ml



#37 AR-1262-2

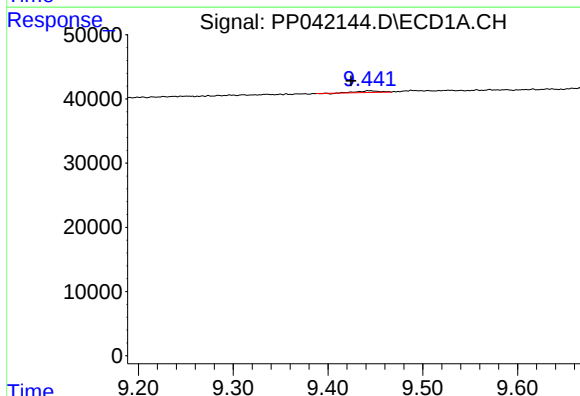
R.T.: 9.113 min
Delta R.T.: 0.003 min
Response: 18950
Conc: 15.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



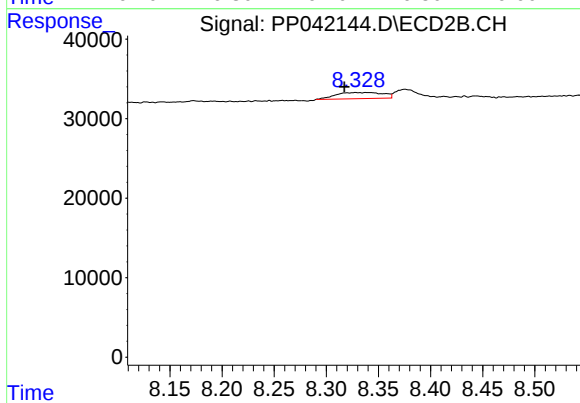
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.781 min
Response: 0
Conc: N.D.



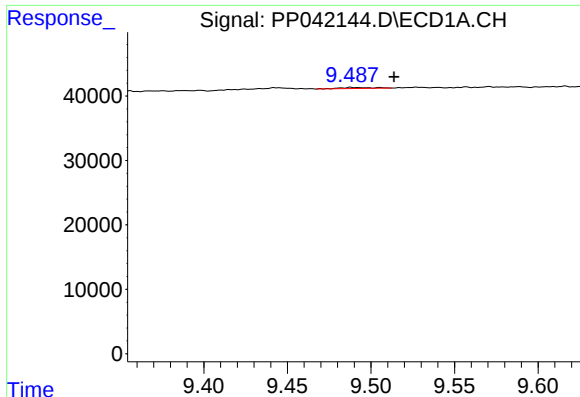
#38 AR-1262-3

R.T.: 9.443 min
Delta R.T.: 0.019 min
Response: 3976
Conc: 6.07 ng/ml



#38 AR-1262-3

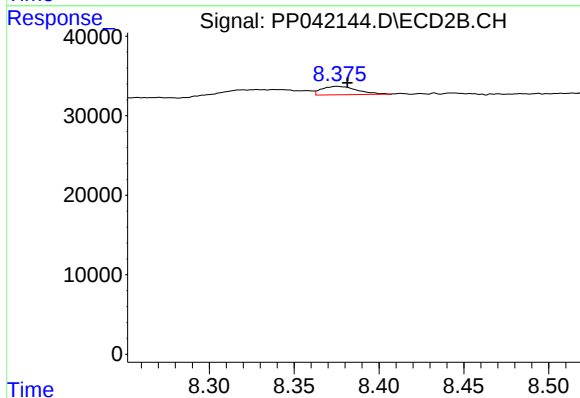
R.T.: 8.328 min
Delta R.T.: 0.011 min
Response: 24216
Conc: 23.17 ng/ml



#39 AR-1262-4

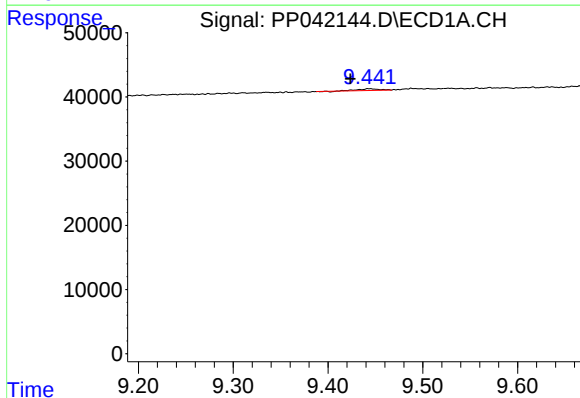
R.T.: 9.488 min
Delta R.T.: -0.026 min
Response: 2263
Conc: 5.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



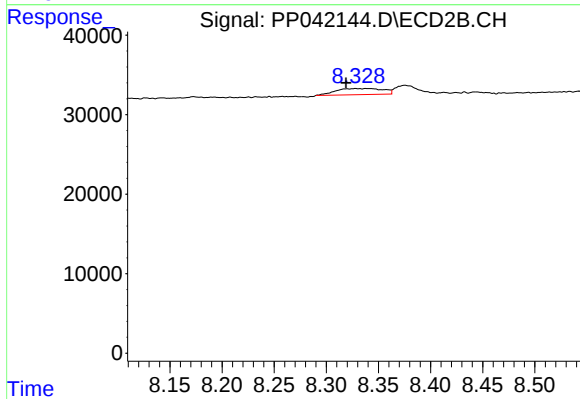
#39 AR-1262-4

R.T.: 8.375 min
Delta R.T.: -0.006 min
Response: 15201
Conc: 8.17 ng/ml



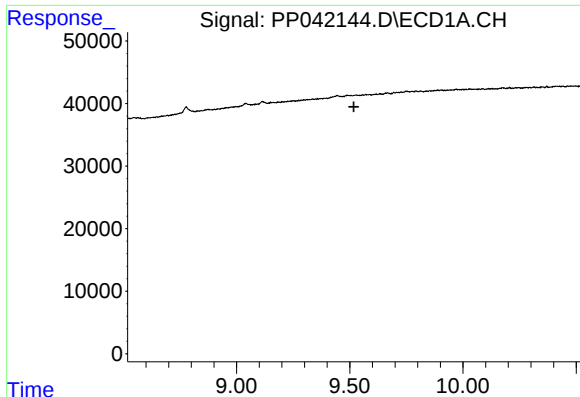
#41 AR-1268-1

R.T.: 9.443 min
Delta R.T.: 0.019 min
Response: 3976
Conc: 2.57 ng/ml



#41 AR-1268-1

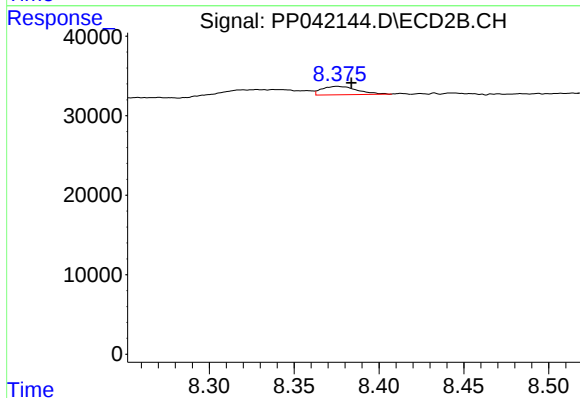
R.T.: 8.328 min
Delta R.T.: 0.009 min
Response: 24216
Conc: 8.91 ng/ml



#42 AR-1268-2

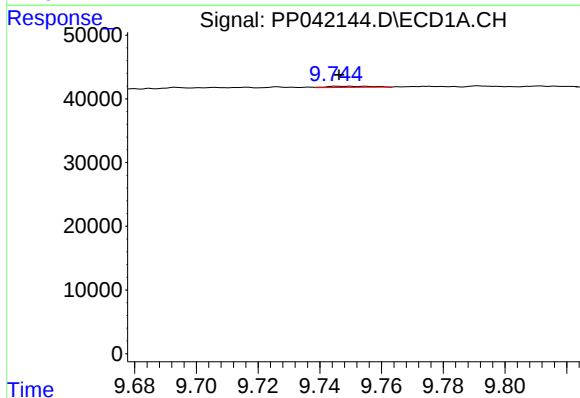
R.T.: 0.000 min
Exp R.T.: 9.518 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



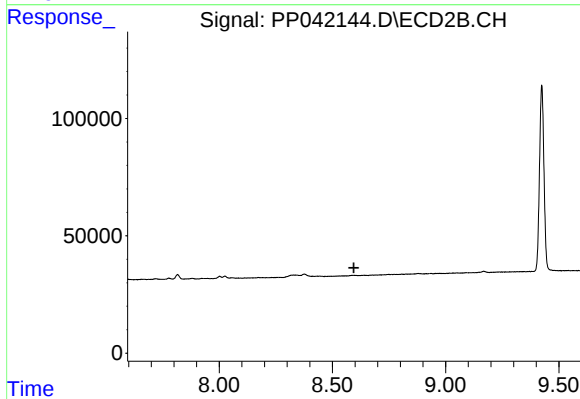
#42 AR-1268-2

R.T.: 8.375 min
Delta R.T.: -0.008 min
Response: 15201
Conc: 5.83 ng/ml



#43 AR-1268-3

R.T.: 9.746 min
Delta R.T.: 0.000 min
Response: 1664
Conc: 1.28 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.