

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011922\
 Data File : PP043129.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jan 2022 9:17
 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 20 17:46:39 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...	4.877	4.040	1112163	1185740	47.003	47.475
2)	SA Decachlor...	10.804	9.371	805296	974838	55.088	49.975
Target Compounds							
3)	L1 AR-1016-1	6.181	5.304	335552	504106	451.995	492.405
4)	L1 AR-1016-2	6.203	5.325	511457	696126	444.771	487.432
5)	L1 AR-1016-3	6.269	5.518	322085	385320	452.498	481.758
6)	L1 AR-1016-4	6.374	5.569	260351	304840	429.367	490.484
7)	L1 AR-1016-5	6.689	5.800	238106	371428	415.933	498.139
8)	L2 AR-1221-1	5.115	4.298	38597	49429	144.987	148.030
9)	L2 AR-1221-2	5.219	4.399	56117	73756	277.679	303.144
10)	L2 AR-1221-3	5.303	4.489	208121	265987	316.989	339.298
11)	L3 AR-1232-1	5.303	4.489	208121	265987	364.895	408.517
12)	L3 AR-1232-2	5.888	5.325	283964	696126	1046.932	1110.040
13)	L3 AR-1232-3	6.203	5.518	511457	385320	1047.849	1165.213
14)	L3 AR-1232-4	6.374	5.614	260351	358431	1089.619	1214.308
15)	L3 AR-1232-5	6.475	5.800	197011	371428	1253.932	1204.327
16)	L4 AR-1242-1	6.181	5.304	335552	504106	566.364	629.044
17)	L4 AR-1242-2	6.203	5.325	511457	696126	573.271	614.792
18)	L4 AR-1242-3	6.269	5.518	322085	385320	580.487	604.322
19)	L4 AR-1242-4	6.374	5.614	260351	358431	572.224	583.520
20)	L4 AR-1242-5	7.154	6.180	36983	278843	82.448	387.515 #
21)	L5 AR-1248-1	6.181	5.304	335552	504106	818.689	897.409
22)	L5 AR-1248-2	6.475	5.569	197011	304840	349.937	375.584
23)	L5 AR-1248-3	6.689	5.614	238106	358431	351.190	417.029
24)	L5 AR-1248-4	7.113	5.800	38646	371428	53.577	387.014 #
25)	L5 AR-1248-5	7.154	6.224	36983	49135	50.687	51.467
26)	L6 AR-1254-1	7.086	6.180	162124	278843	206.614	179.817
27)	L6 AR-1254-2	7.314	6.340	174377	253840	138.550	186.983 #
28)	L6 AR-1254-3	7.692	6.780	96566	473839	74.430	221.530 #
29)	L6 AR-1254-4	7.985	7.003	63502	73984	72.655	59.302
30)	L6 AR-1254-5	8.412	7.433	542890	773358	579.444	453.537
31)	L7 AR-1260-1	7.862	6.900	399994	627744	419.473	485.653
32)	L7 AR-1260-2	8.125	7.097	452923	731720	438.542	468.464
33)	L7 AR-1260-3	8.491	7.253	359870	661260	476.970	457.531
34)	L7 AR-1260-4	8.719	7.738	426595	559640	500.821	493.969
35)	L7 AR-1260-5	9.036	7.986	776738	1216599	472.083	485.081
36)	L8 AR-1262-1	8.491	7.433	359870	773358	340.800	854.297 #
37)	L8 AR-1262-2	9.036	7.738	776738	559640	448.727	374.124
38)	L8 AR-1262-3	9.354	8.273	509401	285344	552.661	255.758 #
39)	L8 AR-1262-4	9.430	8.338	140134	885151	259.782	434.204 #
40)	L8 AR-1262-5	10.073	8.838	249545	323796	410.672	349.186
41)	L9 AR-1268-1	9.354	8.273	509401	285344	247.088	92.580 #

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 Acq On : 20 Jan 2022 9:17
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

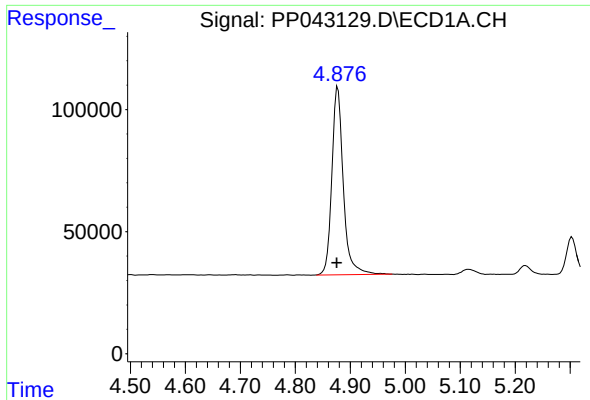
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 17:46:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011222.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	9.430	8.338	140134	885151	73.370	311.213 #
43) L9	AR-1268-3	9.656	8.546	8719	16145	5.175	6.775 #
44) L9	AR-1268-4	10.073	8.838	249545	323796	394.913	317.525
45) L9	AR-1268-5	10.475	9.123	73005	90354	13.699	12.719

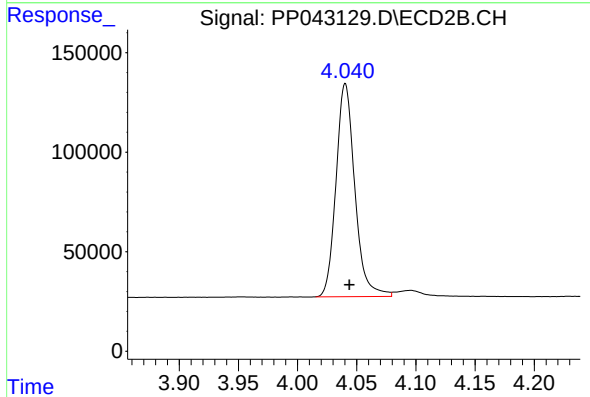
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

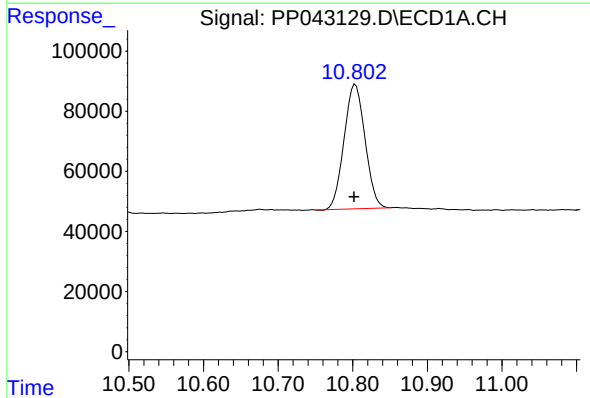
R.T.: 4.877 min
Delta R.T.: 0.002 min
Response: 1112163
Conc: 47.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



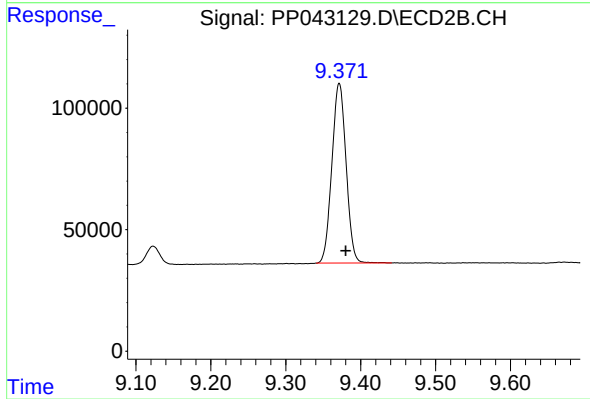
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 1185740
Conc: 47.48 ng/ml



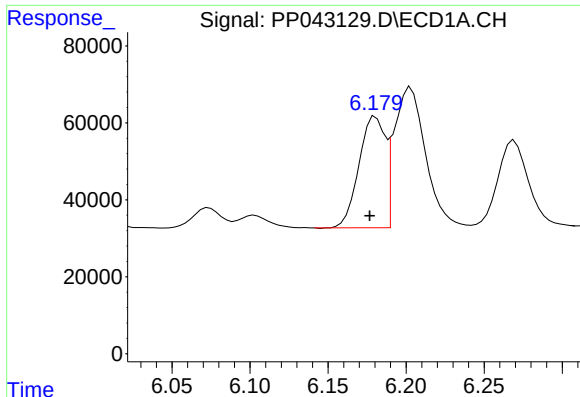
#2 Decachlorobiphenyl

R.T.: 10.804 min
Delta R.T.: 0.002 min
Response: 805296
Conc: 55.09 ng/ml



#2 Decachlorobiphenyl

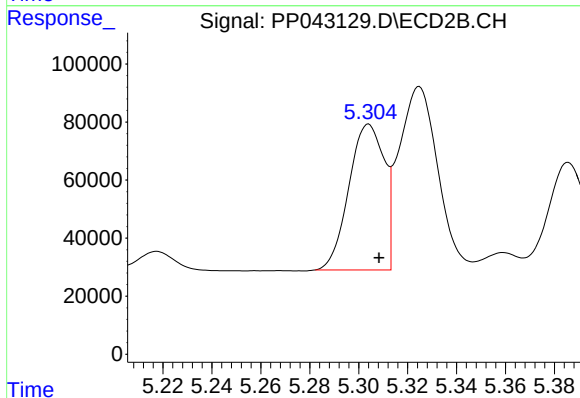
R.T.: 9.371 min
Delta R.T.: -0.009 min
Response: 974838
Conc: 49.97 ng/ml



#3 AR-1016-1

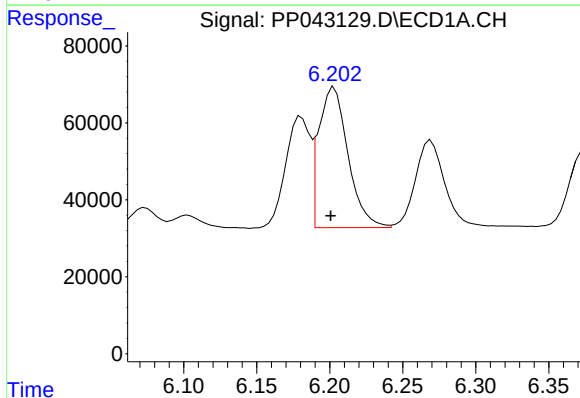
R.T.: 6.181 min
Delta R.T.: 0.004 min
Response: 335552
Conc: 452.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



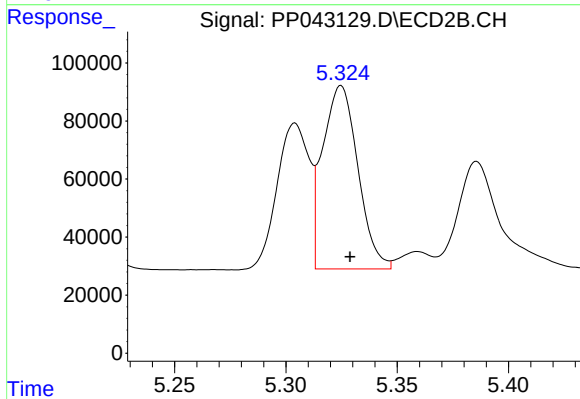
#3 AR-1016-1

R.T.: 5.304 min
Delta R.T.: -0.004 min
Response: 504106
Conc: 492.40 ng/ml



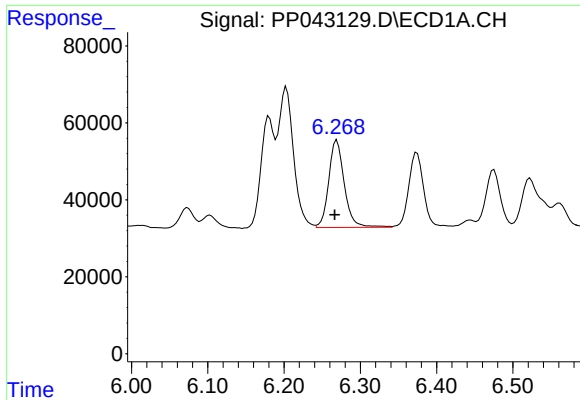
#4 AR-1016-2

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 511457
Conc: 444.77 ng/ml



#4 AR-1016-2

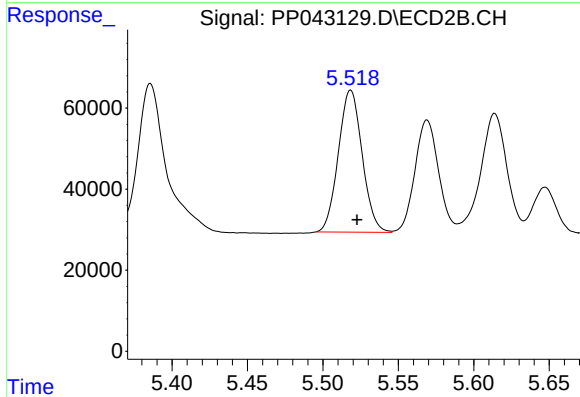
R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 696126
Conc: 487.43 ng/ml



#5 AR-1016-3

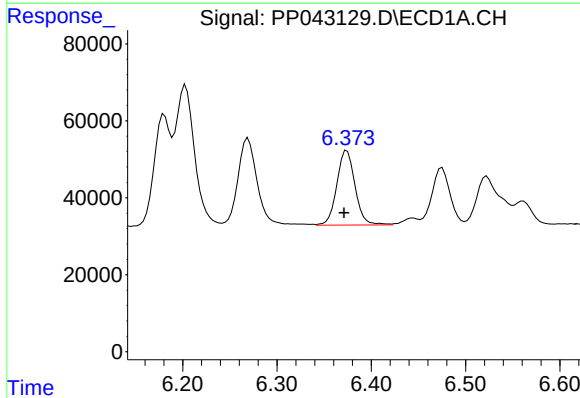
R.T.: 6.269 min
Delta R.T.: 0.003 min
Response: 322085
Conc: 452.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



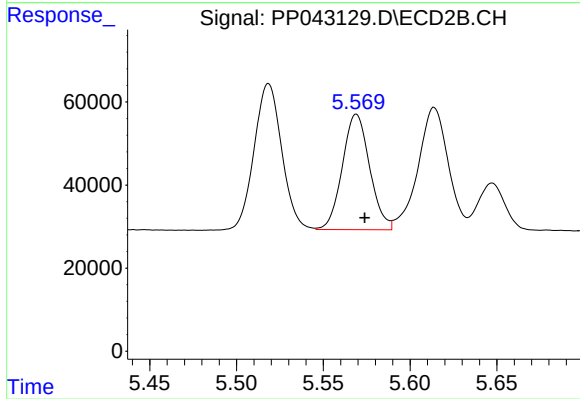
#5 AR-1016-3

R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 385320
Conc: 481.76 ng/ml



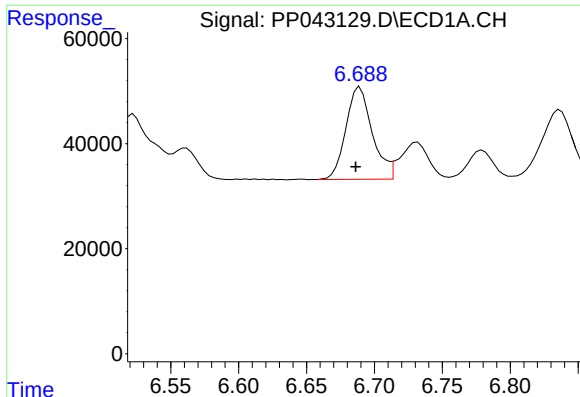
#6 AR-1016-4

R.T.: 6.374 min
Delta R.T.: 0.003 min
Response: 260351
Conc: 429.37 ng/ml



#6 AR-1016-4

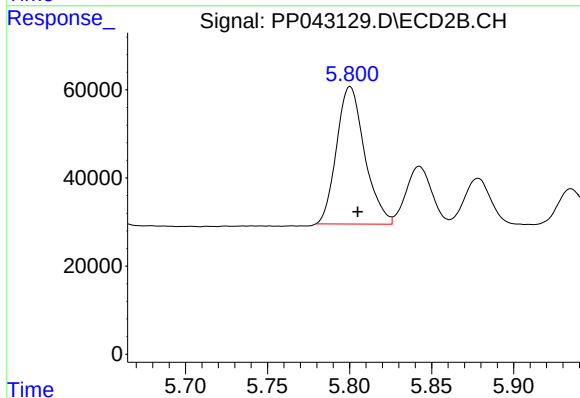
R.T.: 5.569 min
Delta R.T.: -0.005 min
Response: 304840
Conc: 490.48 ng/ml



#7 AR-1016-5

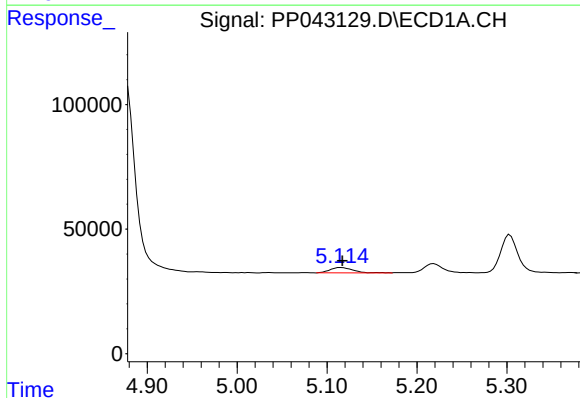
R.T.: 6.689 min
Delta R.T.: 0.003 min
Response: 238106
Conc: 415.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



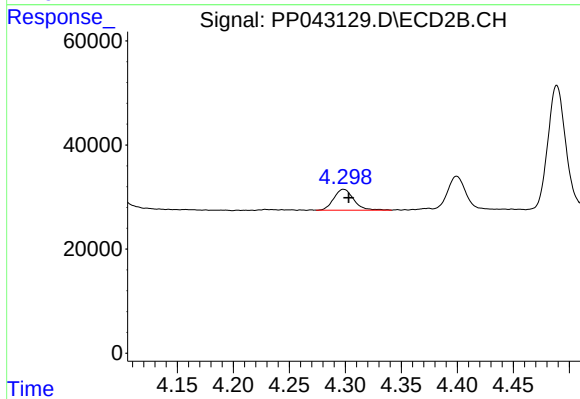
#7 AR-1016-5

R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 371428
Conc: 498.14 ng/ml



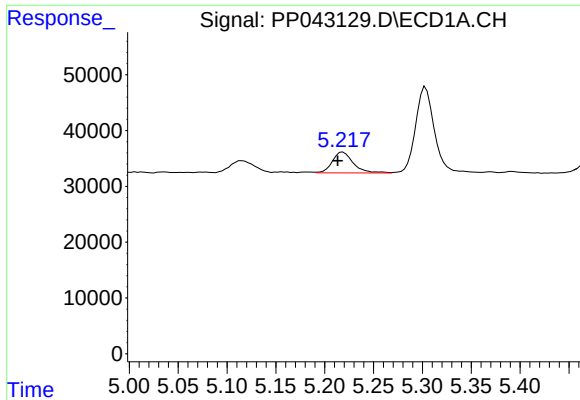
#8 AR-1221-1

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 38597
Conc: 144.99 ng/ml



#8 AR-1221-1

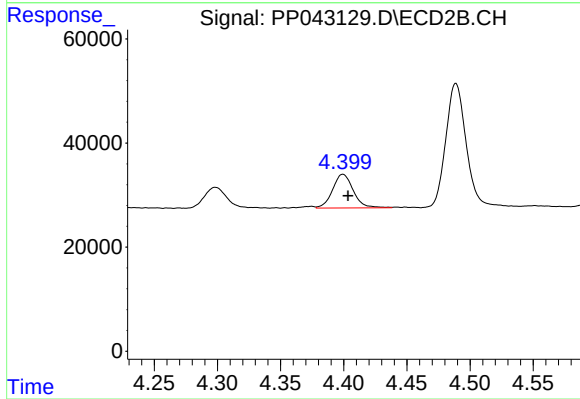
R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 49429
Conc: 148.03 ng/ml



#9 AR-1221-2

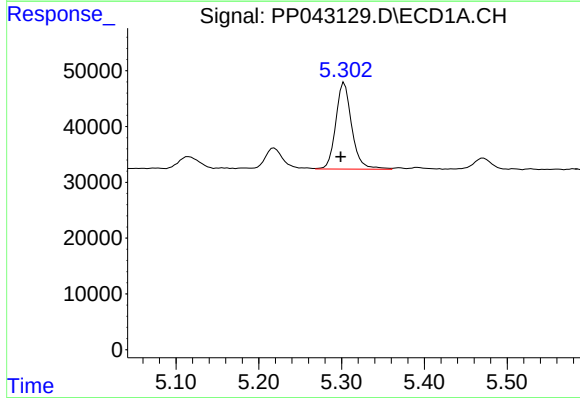
R.T.: 5.219 min
Delta R.T.: 0.005 min
Response: 56117
Conc: 277.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



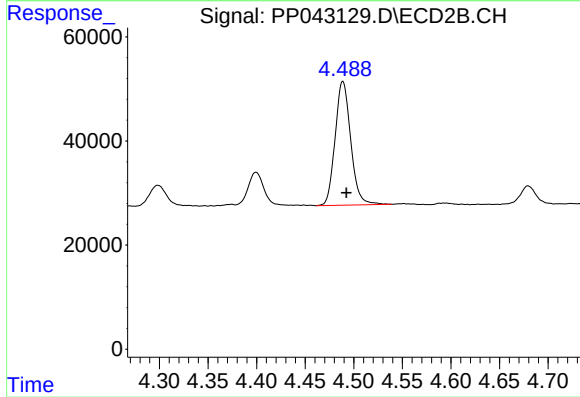
#9 AR-1221-2

R.T.: 4.399 min
Delta R.T.: -0.004 min
Response: 73756
Conc: 303.14 ng/ml



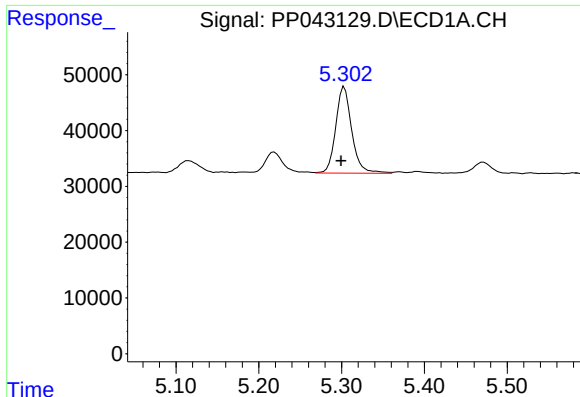
#10 AR-1221-3

R.T.: 5.303 min
Delta R.T.: 0.004 min
Response: 208121
Conc: 316.99 ng/ml



#10 AR-1221-3

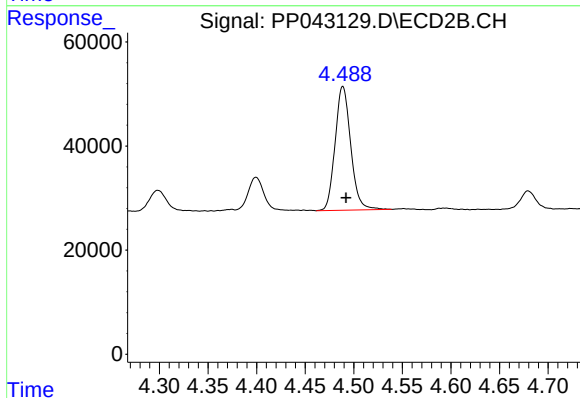
R.T.: 4.489 min
Delta R.T.: -0.004 min
Response: 265987
Conc: 339.30 ng/ml



#11 AR-1232-1

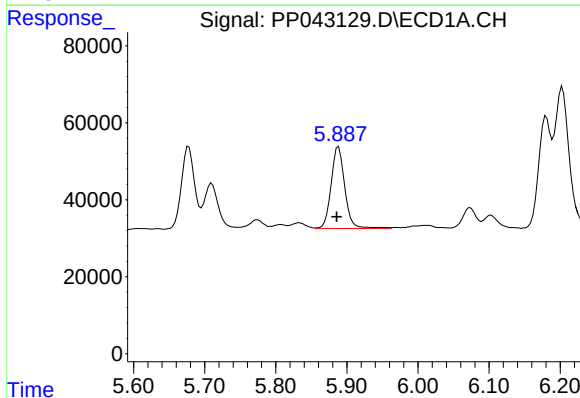
R.T.: 5.303 min
Delta R.T.: 0.004 min
Response: 208121
Conc: 364.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



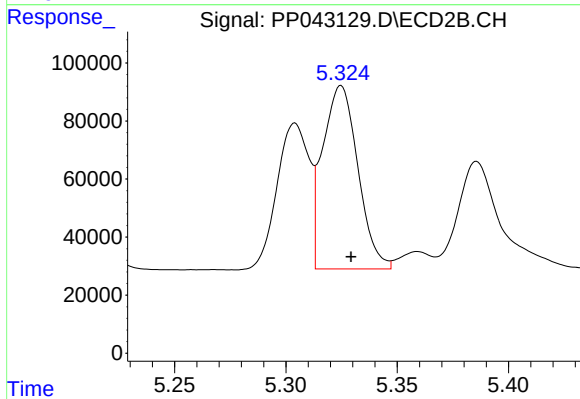
#11 AR-1232-1

R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 265987
Conc: 408.52 ng/ml



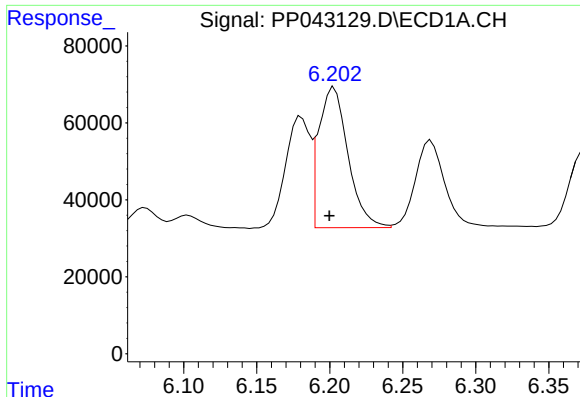
#12 AR-1232-2

R.T.: 5.888 min
Delta R.T.: 0.003 min
Response: 283964
Conc: 1046.93 ng/ml



#12 AR-1232-2

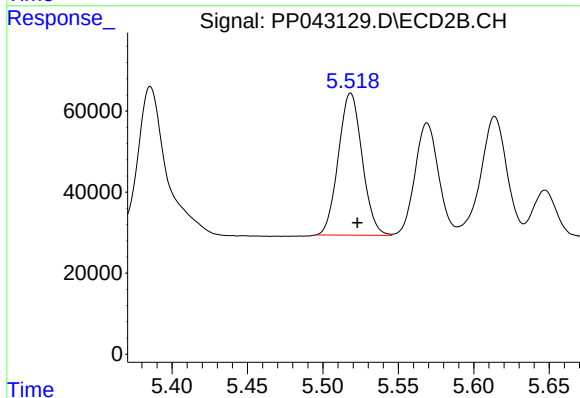
R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 696126
Conc: 1110.04 ng/ml



#13 AR-1232-3

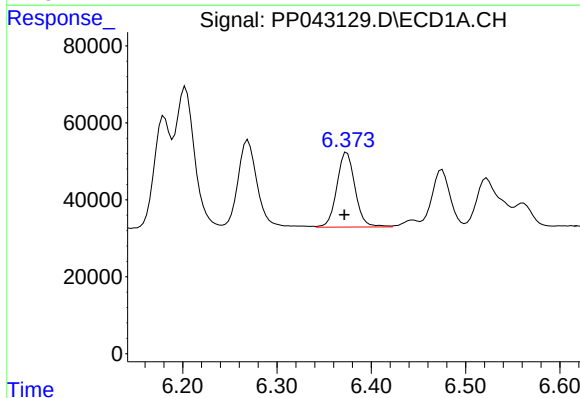
R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 511457
Conc: 1047.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



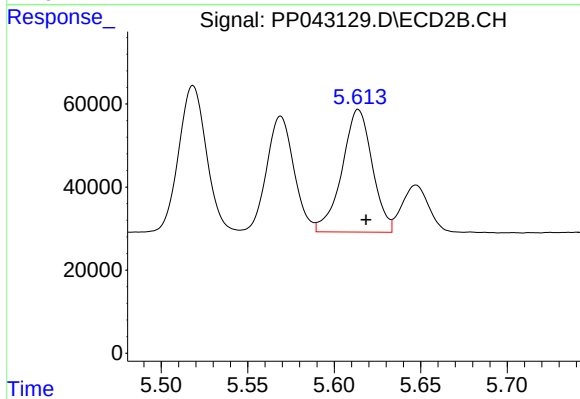
#13 AR-1232-3

R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 385320
Conc: 1165.21 ng/ml



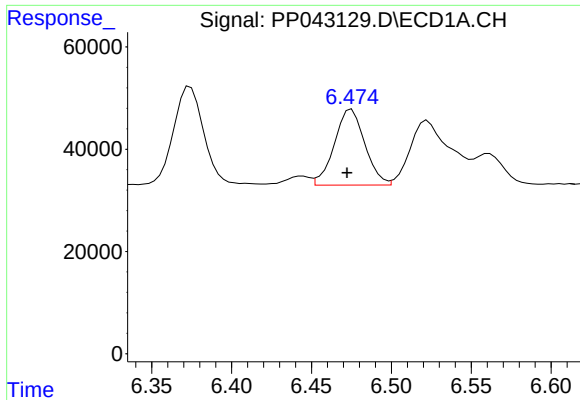
#14 AR-1232-4

R.T.: 6.374 min
Delta R.T.: 0.003 min
Response: 260351
Conc: 1089.62 ng/ml



#14 AR-1232-4

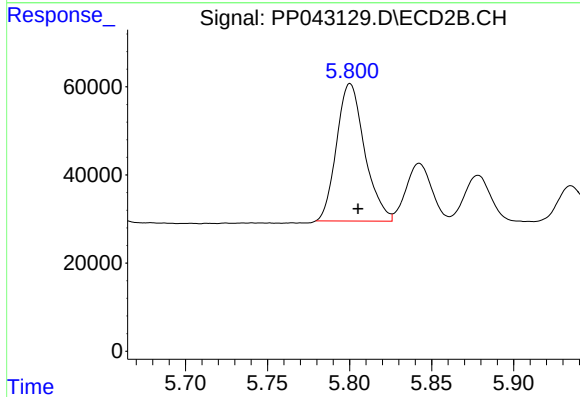
R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 358431
Conc: 1214.31 ng/ml



#15 AR-1232-5

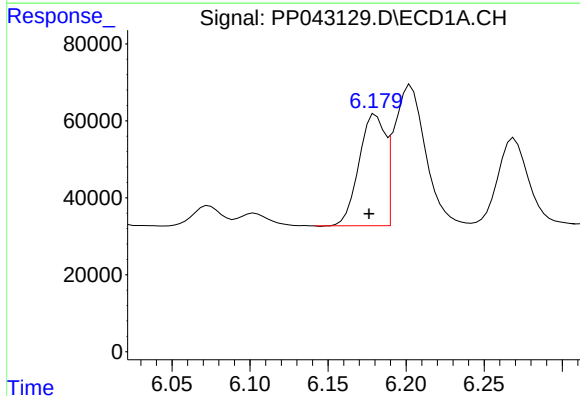
R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 197011
Conc: 1253.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



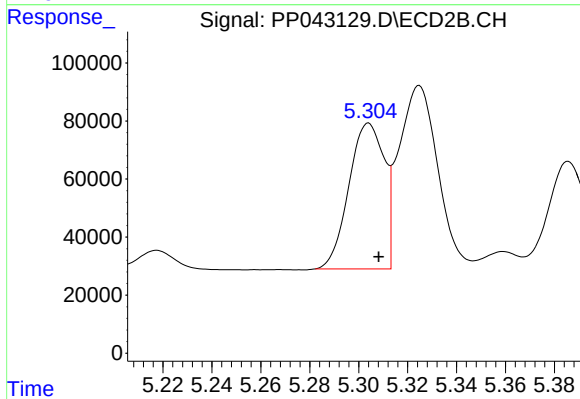
#15 AR-1232-5

R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 371428
Conc: 1204.33 ng/ml



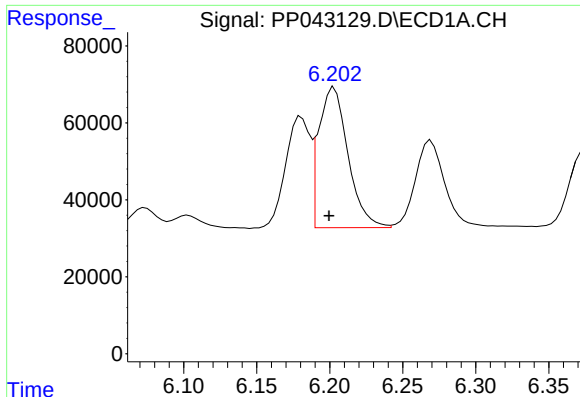
#16 AR-1242-1

R.T.: 6.181 min
Delta R.T.: 0.004 min
Response: 335552
Conc: 566.36 ng/ml



#16 AR-1242-1

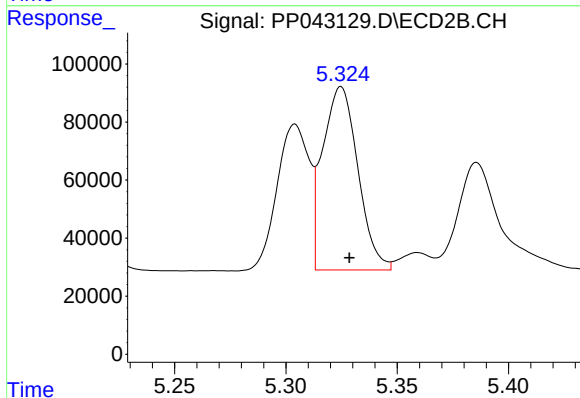
R.T.: 5.304 min
Delta R.T.: -0.004 min
Response: 504106
Conc: 629.04 ng/ml



#17 AR-1242-2

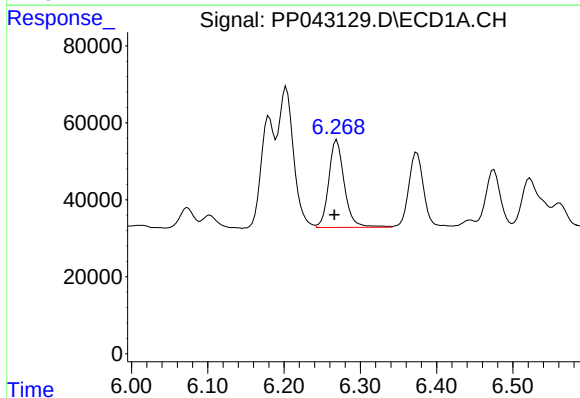
R.T.: 6.203 min
Delta R.T.: 0.004 min
Response: 511457
Conc: 573.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



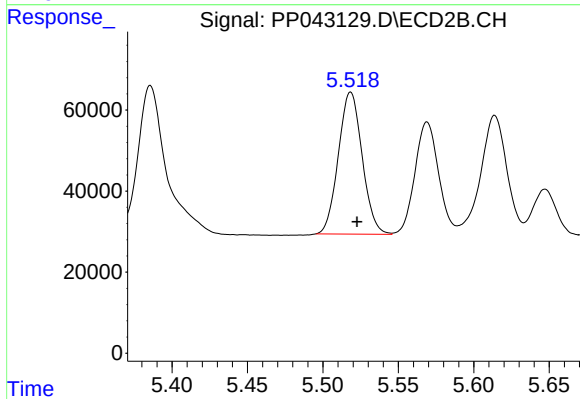
#17 AR-1242-2

R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 696126
Conc: 614.79 ng/ml



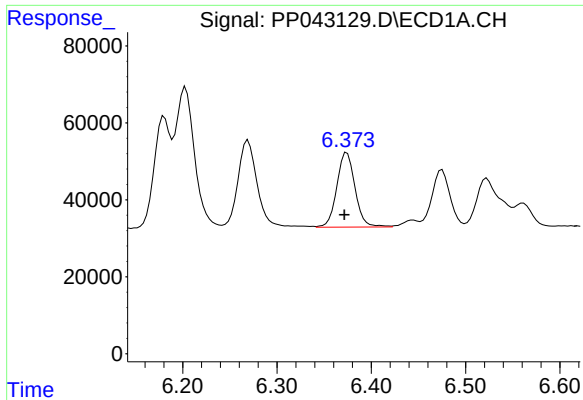
#18 AR-1242-3

R.T.: 6.269 min
Delta R.T.: 0.003 min
Response: 322085
Conc: 580.49 ng/ml



#18 AR-1242-3

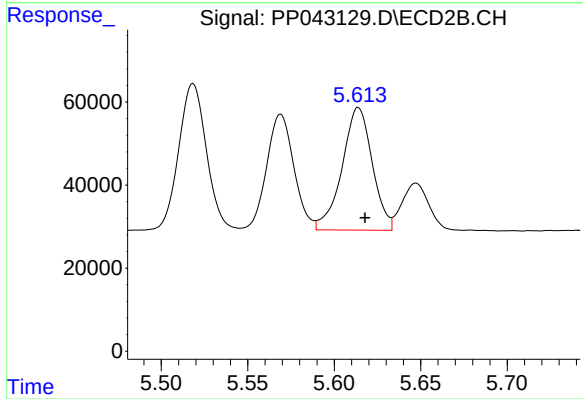
R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 385320
Conc: 604.32 ng/ml



#19 AR-1242-4

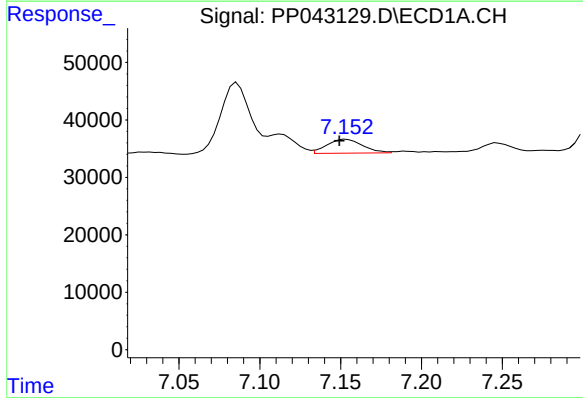
R.T.: 6.374 min
Delta R.T.: 0.003 min
Response: 260351
Conc: 572.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



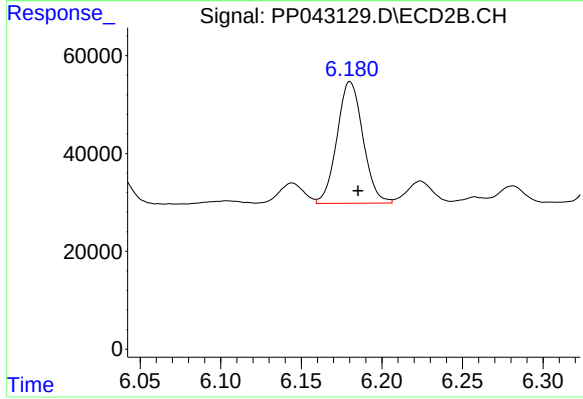
#19 AR-1242-4

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 358431
Conc: 583.52 ng/ml



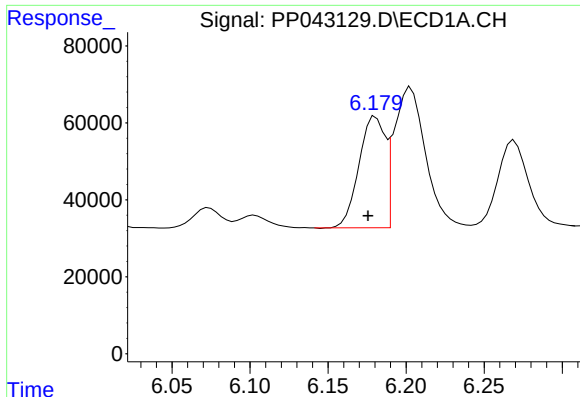
#20 AR-1242-5

R.T.: 7.154 min
Delta R.T.: 0.004 min
Response: 36983
Conc: 82.45 ng/ml



#20 AR-1242-5

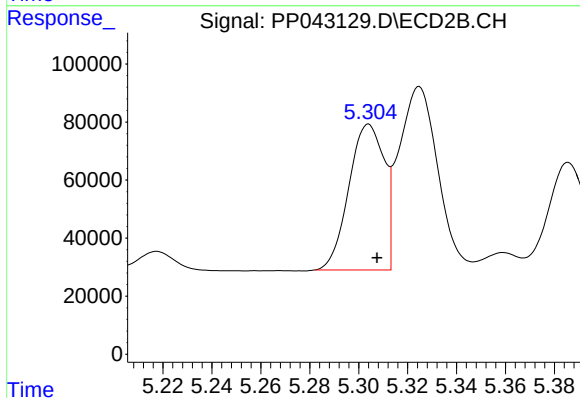
R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 278843
Conc: 387.52 ng/ml



#21 AR-1248-1

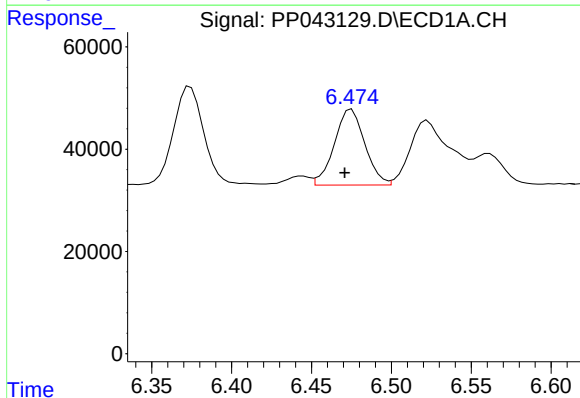
R.T.: 6.181 min
Delta R.T.: 0.005 min
Response: 335552
Conc: 818.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



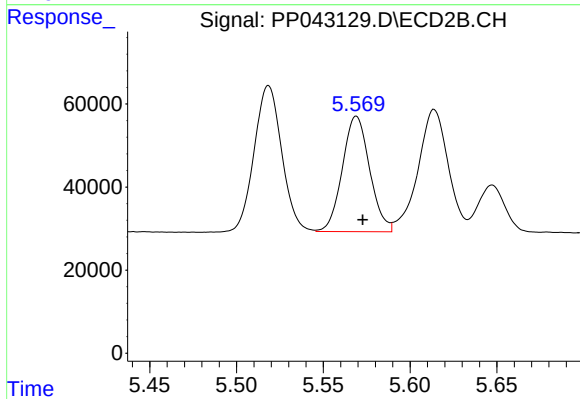
#21 AR-1248-1

R.T.: 5.304 min
Delta R.T.: -0.003 min
Response: 504106
Conc: 897.41 ng/ml



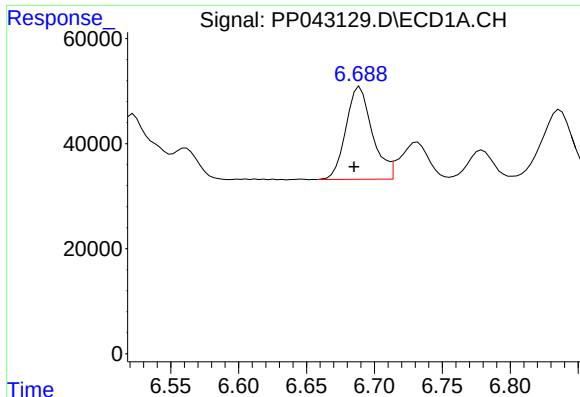
#22 AR-1248-2

R.T.: 6.475 min
Delta R.T.: 0.004 min
Response: 197011
Conc: 349.94 ng/ml



#22 AR-1248-2

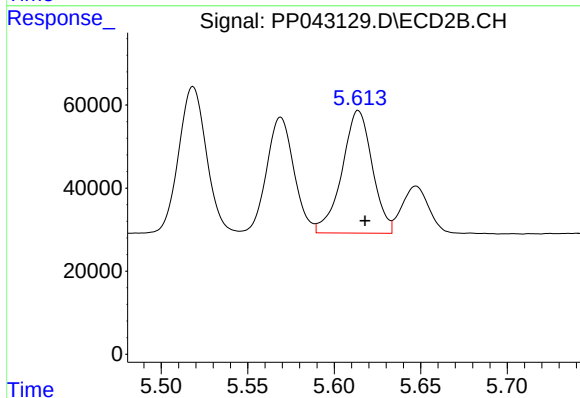
R.T.: 5.569 min
Delta R.T.: -0.004 min
Response: 304840
Conc: 375.58 ng/ml



#23 AR-1248-3

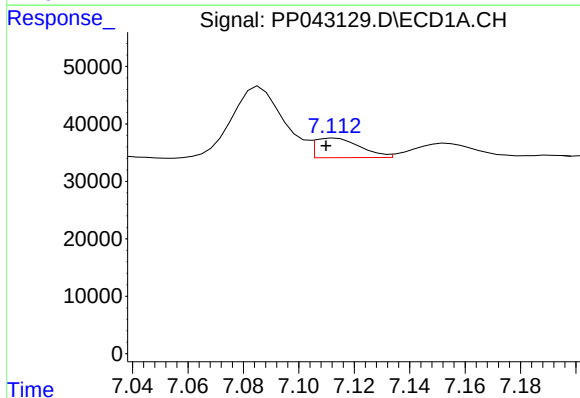
R.T.: 6.689 min
Delta R.T.: 0.004 min
Response: 238106
Conc: 351.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



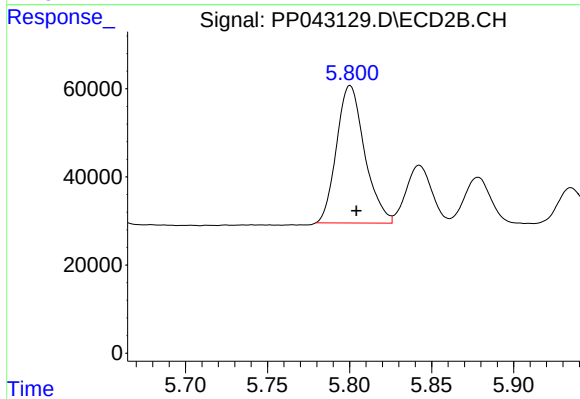
#23 AR-1248-3

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 358431
Conc: 417.03 ng/ml



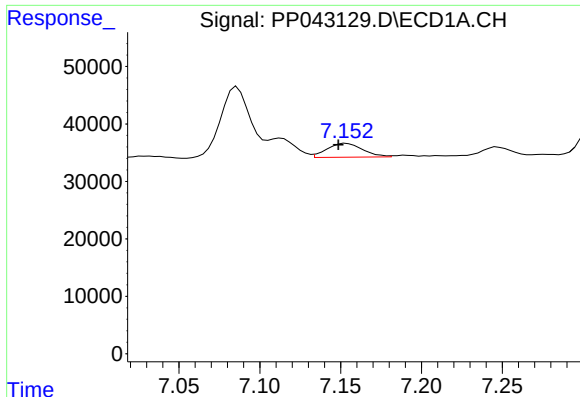
#24 AR-1248-4

R.T.: 7.113 min
Delta R.T.: 0.003 min
Response: 38646
Conc: 53.58 ng/ml



#24 AR-1248-4

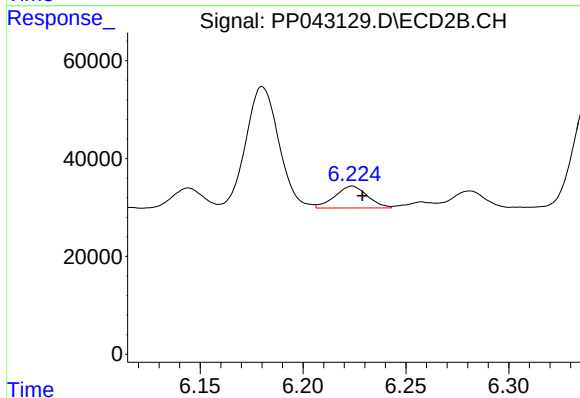
R.T.: 5.800 min
Delta R.T.: -0.004 min
Response: 371428
Conc: 387.01 ng/ml



#25 AR-1248-5

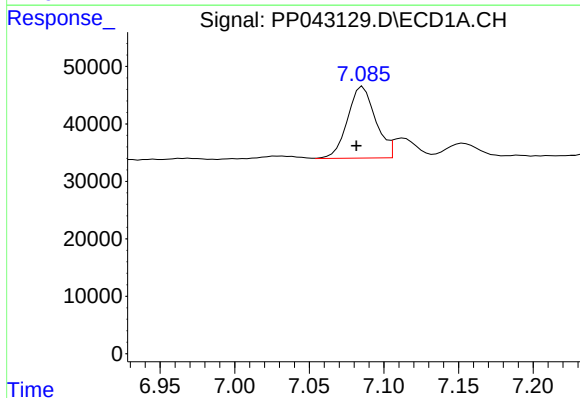
R.T.: 7.154 min
Delta R.T.: 0.005 min
Response: 36983
Conc: 50.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



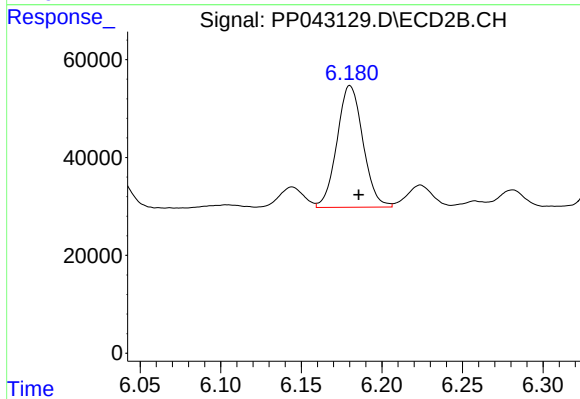
#25 AR-1248-5

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 49135
Conc: 51.47 ng/ml



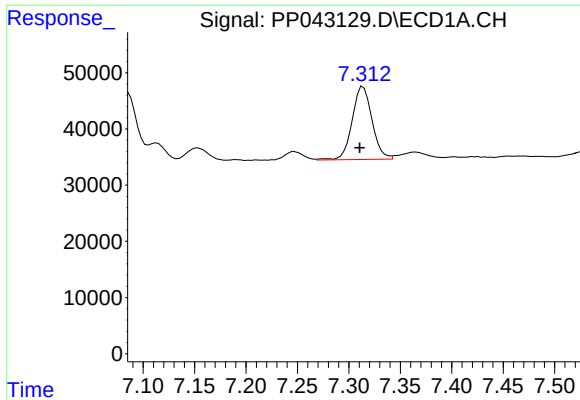
#26 AR-1254-1

R.T.: 7.086 min
Delta R.T.: 0.004 min
Response: 162124
Conc: 206.61 ng/ml



#26 AR-1254-1

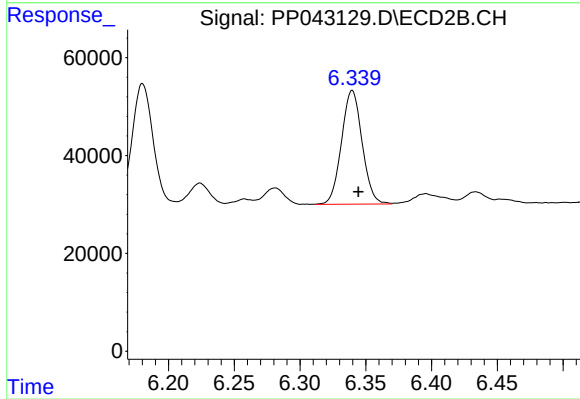
R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 278843
Conc: 179.82 ng/ml



#27 AR-1254-2

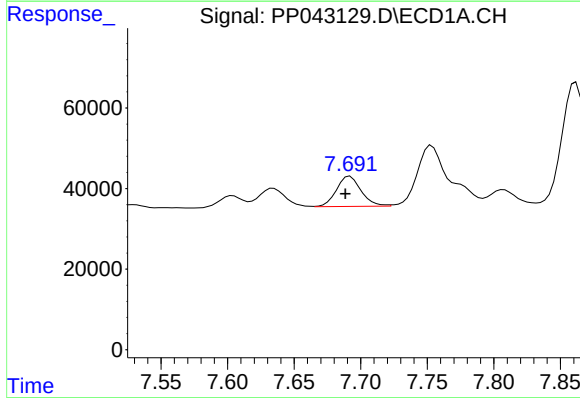
R.T.: 7.314 min
Delta R.T.: 0.003 min
Response: 174377
Conc: 138.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



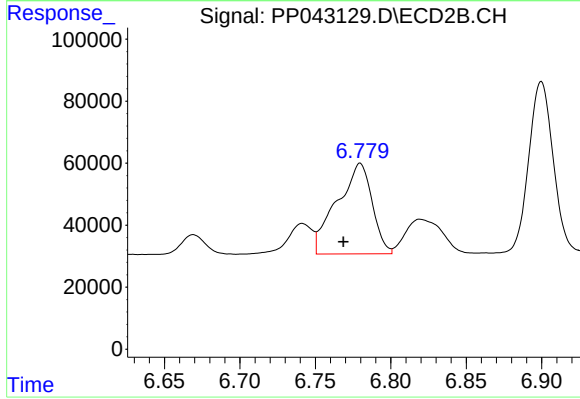
#27 AR-1254-2

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 253840
Conc: 186.98 ng/ml



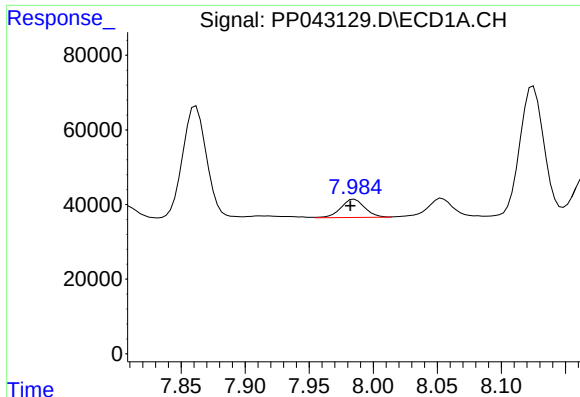
#28 AR-1254-3

R.T.: 7.692 min
Delta R.T.: 0.004 min
Response: 96566
Conc: 74.43 ng/ml



#28 AR-1254-3

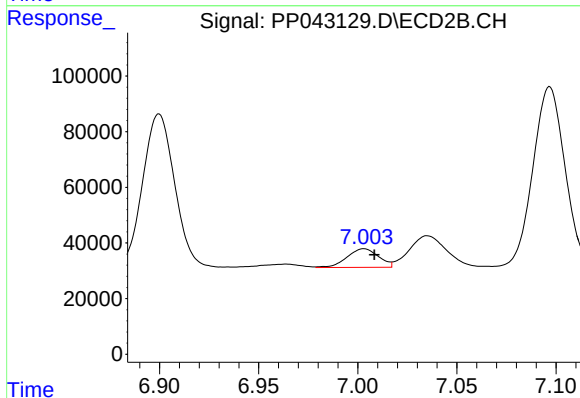
R.T.: 6.780 min
Delta R.T.: 0.011 min
Response: 473839
Conc: 221.53 ng/ml



#29 AR-1254-4

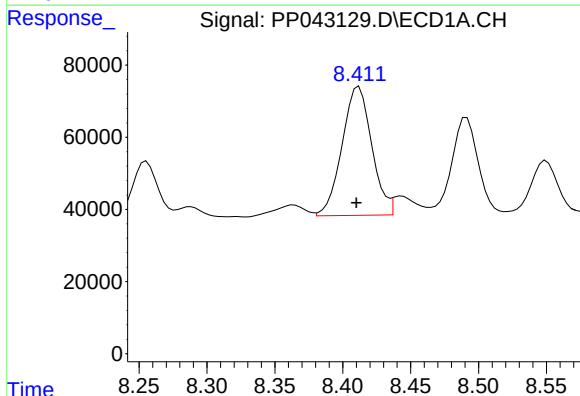
R.T.: 7.985 min
Delta R.T.: 0.003 min
Response: 63502
Conc: 72.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



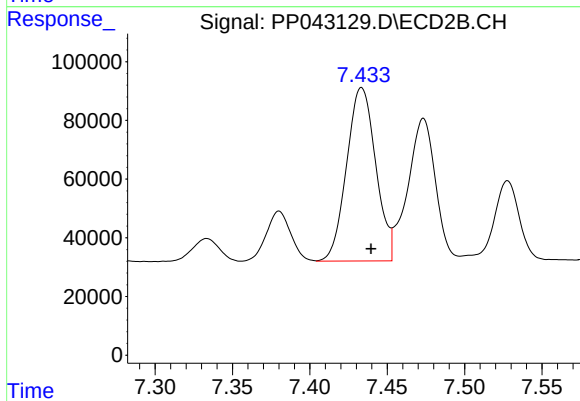
#29 AR-1254-4

R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 73984
Conc: 59.30 ng/ml



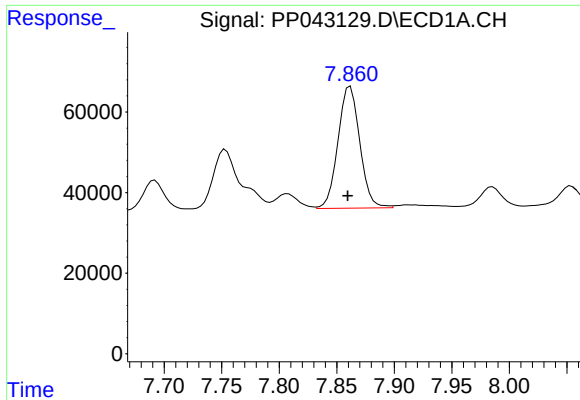
#30 AR-1254-5

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 542890
Conc: 579.44 ng/ml



#30 AR-1254-5

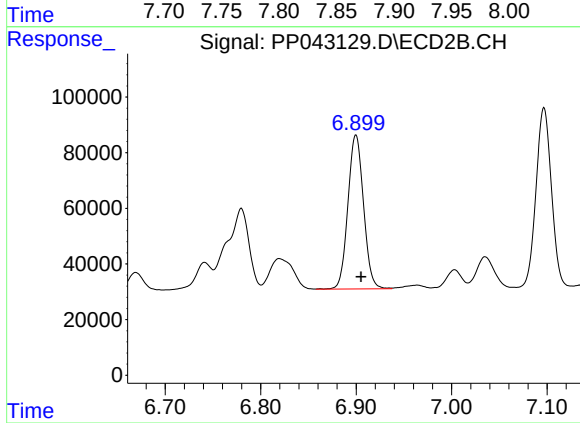
R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 773358
Conc: 453.54 ng/ml



#31 AR-1260-1

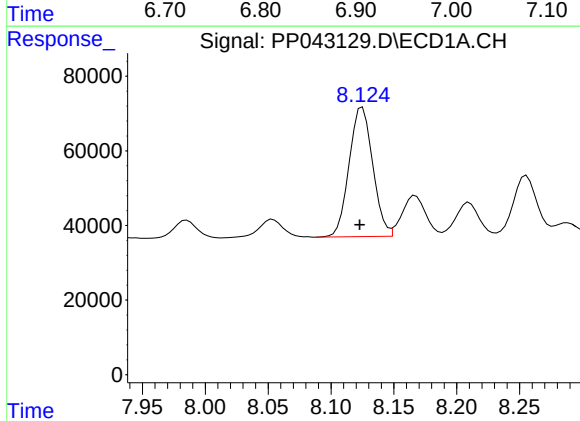
R.T.: 7.862 min
Delta R.T.: 0.002 min
Response: 399994
Conc: 419.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



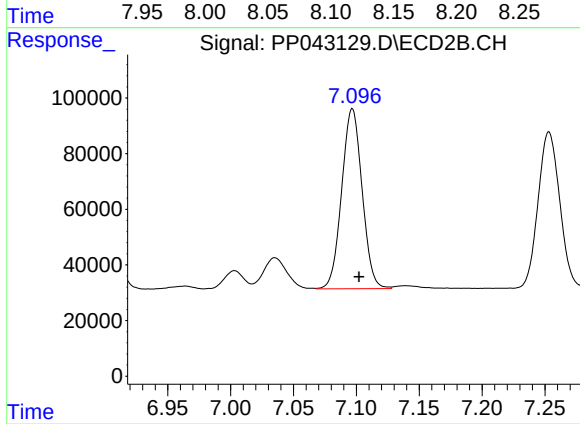
#31 AR-1260-1

R.T.: 6.900 min
Delta R.T.: -0.005 min
Response: 627744
Conc: 485.65 ng/ml



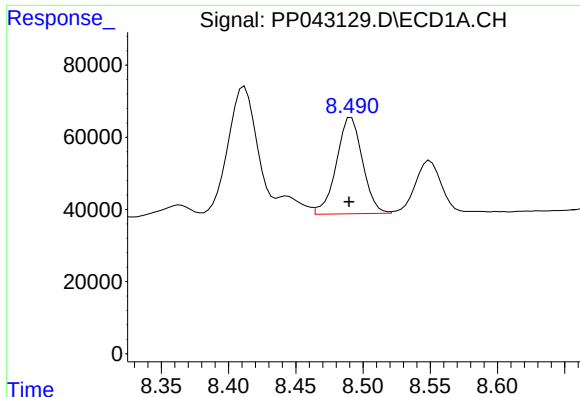
#32 AR-1260-2

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 452923
Conc: 438.54 ng/ml



#32 AR-1260-2

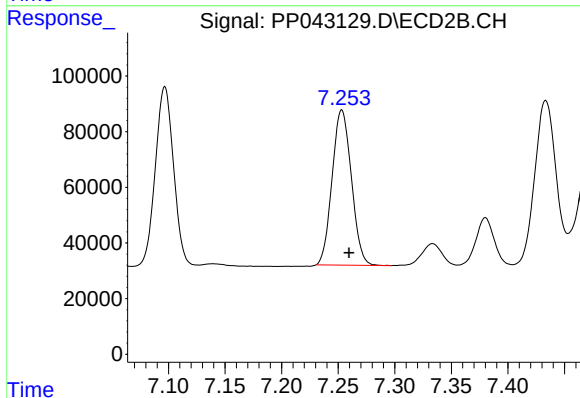
R.T.: 7.097 min
Delta R.T.: -0.005 min
Response: 731720
Conc: 468.46 ng/ml



#33 AR-1260-3

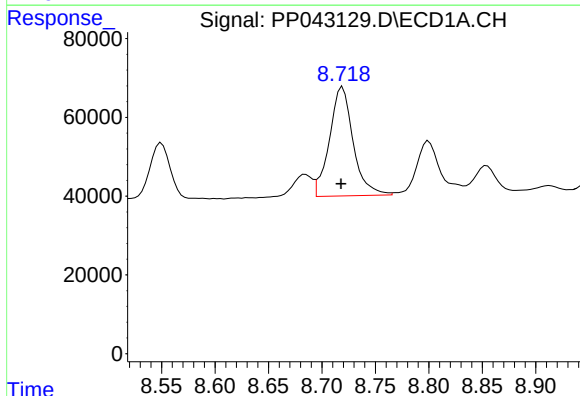
R.T.: 8.491 min
Delta R.T.: 0.002 min
Response: 359870
Conc: 476.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



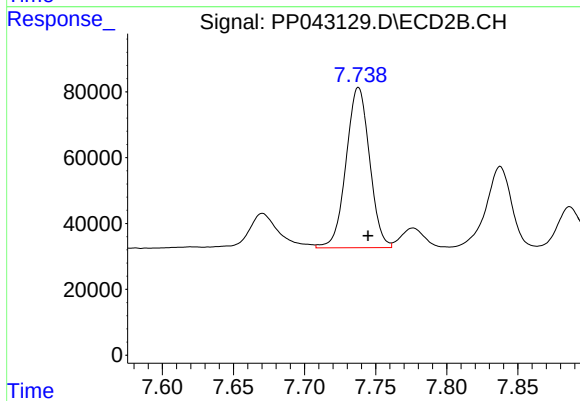
#33 AR-1260-3

R.T.: 7.253 min
Delta R.T.: -0.007 min
Response: 661260
Conc: 457.53 ng/ml



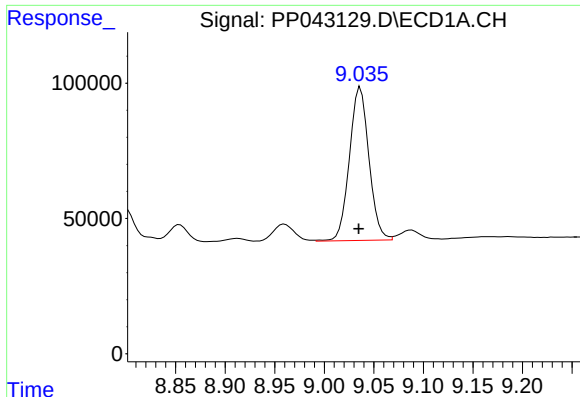
#34 AR-1260-4

R.T.: 8.719 min
Delta R.T.: 0.001 min
Response: 426595
Conc: 500.82 ng/ml



#34 AR-1260-4

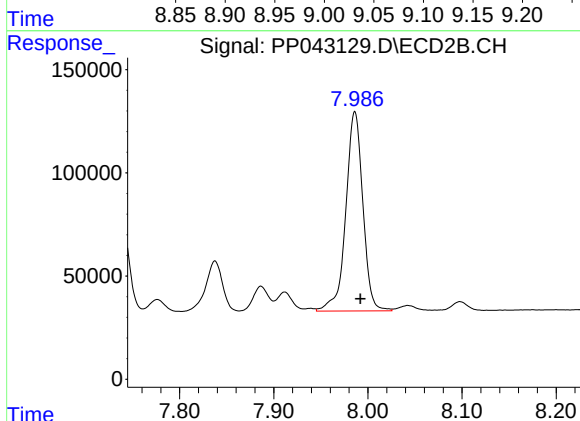
R.T.: 7.738 min
Delta R.T.: -0.007 min
Response: 559640
Conc: 493.97 ng/ml



#35 AR-1260-5

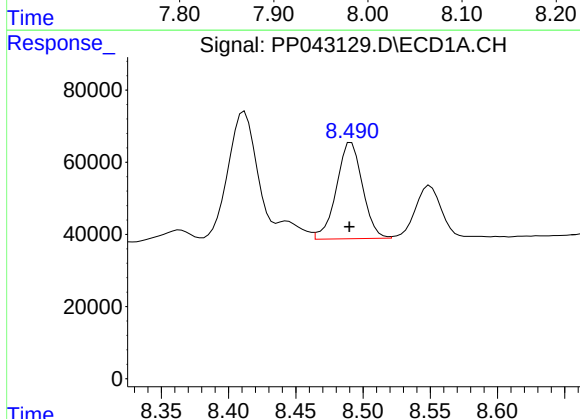
R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 776738
Conc: 472.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



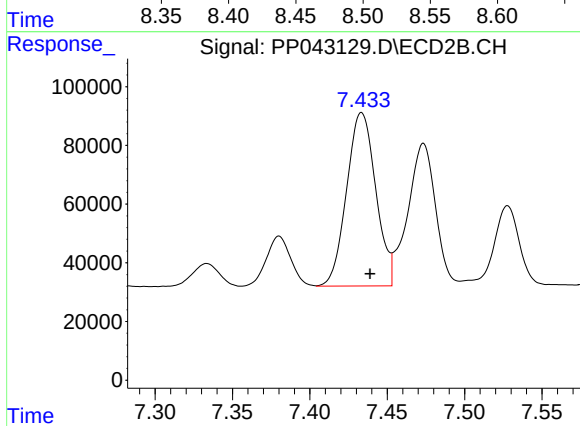
#35 AR-1260-5

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 1216599
Conc: 485.08 ng/ml



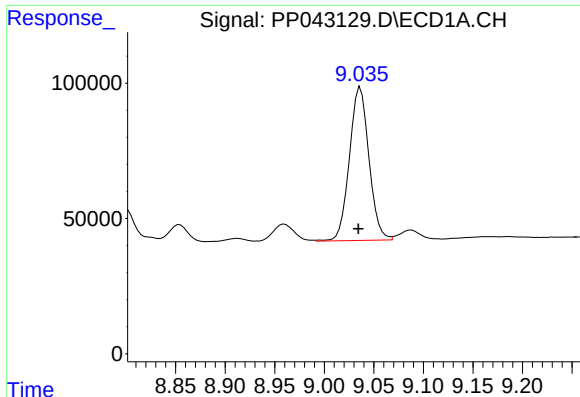
#36 AR-1262-1

R.T.: 8.491 min
Delta R.T.: 0.001 min
Response: 359870
Conc: 340.80 ng/ml



#36 AR-1262-1

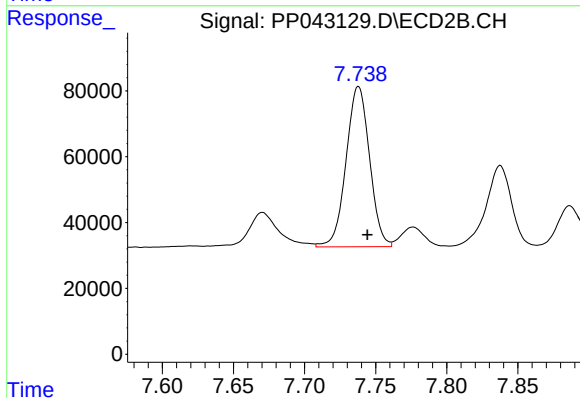
R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 773358
Conc: 854.30 ng/ml



#37 AR-1262-2

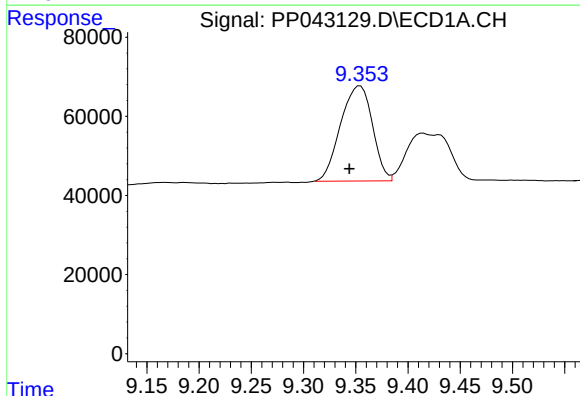
R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 776738
Conc: 448.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



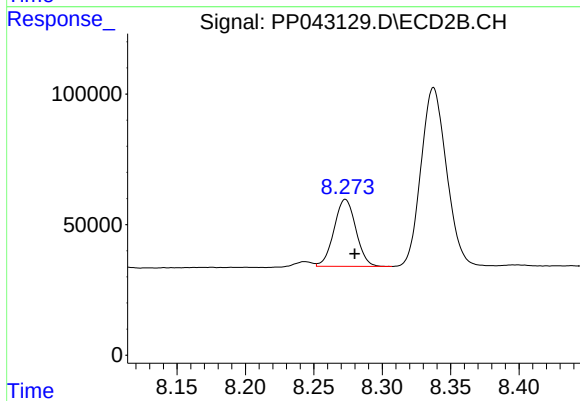
#37 AR-1262-2

R.T.: 7.738 min
Delta R.T.: -0.006 min
Response: 559640
Conc: 374.12 ng/ml



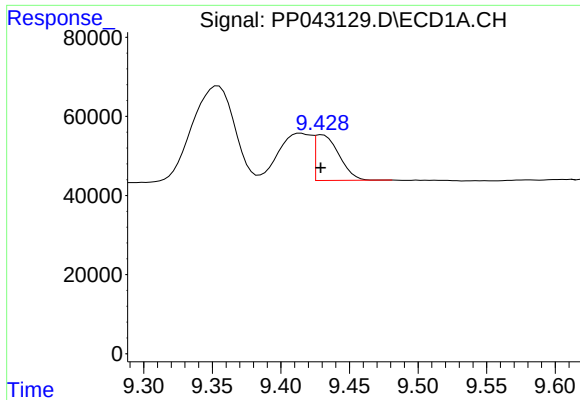
#38 AR-1262-3

R.T.: 9.354 min
Delta R.T.: 0.010 min
Response: 509401
Conc: 552.66 ng/ml



#38 AR-1262-3

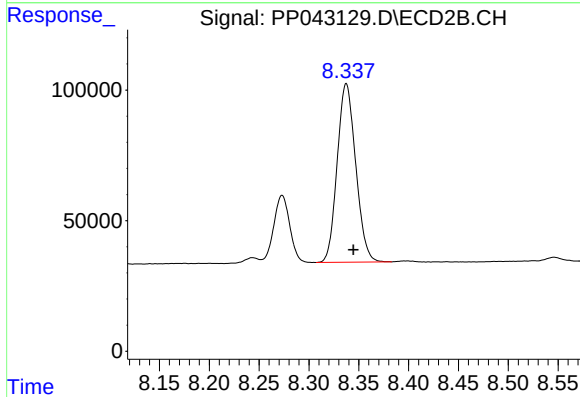
R.T.: 8.273 min
Delta R.T.: -0.007 min
Response: 285344
Conc: 255.76 ng/ml



#39 AR-1262-4

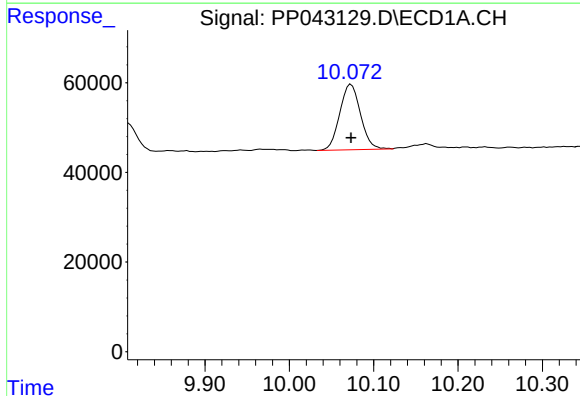
R.T.: 9.430 min
Delta R.T.: 0.000 min
Response: 140134
Conc: 259.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



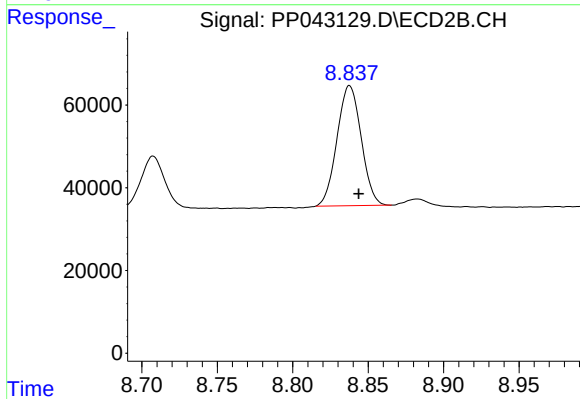
#39 AR-1262-4

R.T.: 8.338 min
Delta R.T.: -0.007 min
Response: 885151
Conc: 434.20 ng/ml



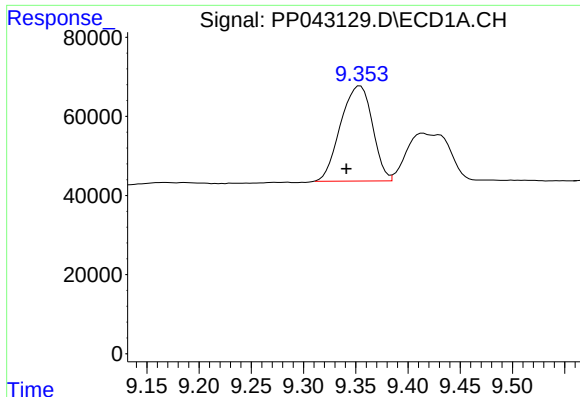
#40 AR-1262-5

R.T.: 10.073 min
Delta R.T.: 0.000 min
Response: 249545
Conc: 410.67 ng/ml



#40 AR-1262-5

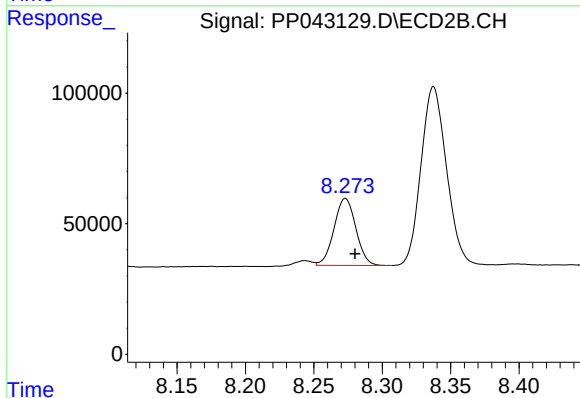
R.T.: 8.838 min
Delta R.T.: -0.006 min
Response: 323796
Conc: 349.19 ng/ml



#41 AR-1268-1

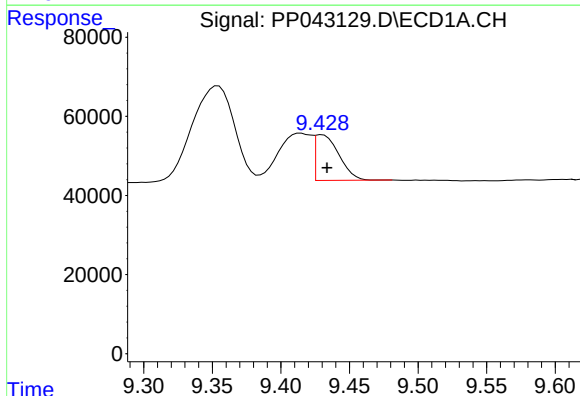
R.T.: 9.354 min
Delta R.T.: 0.013 min
Response: 509401
Conc: 247.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



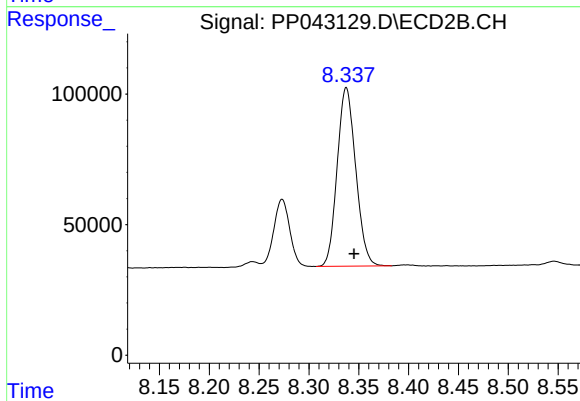
#41 AR-1268-1

R.T.: 8.273 min
Delta R.T.: -0.007 min
Response: 285344
Conc: 92.58 ng/ml



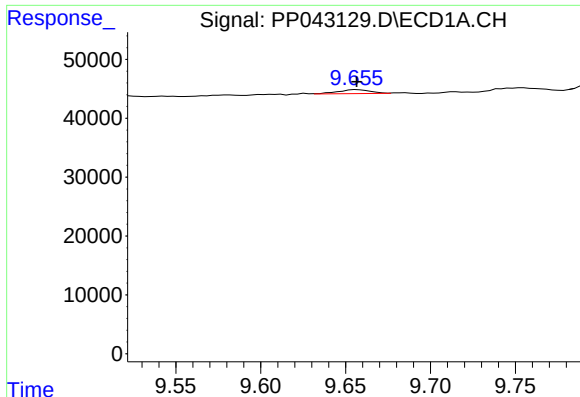
#42 AR-1268-2

R.T.: 9.430 min
Delta R.T.: -0.004 min
Response: 140134
Conc: 73.37 ng/ml



#42 AR-1268-2

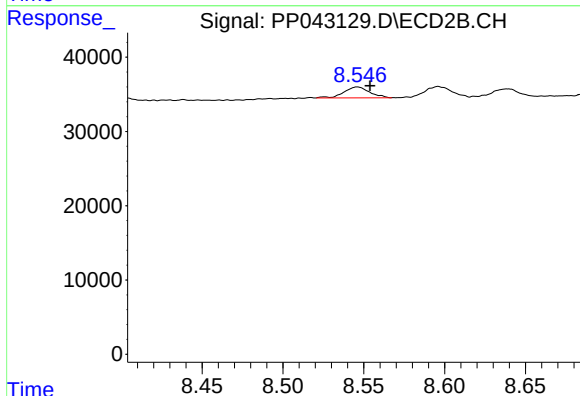
R.T.: 8.338 min
Delta R.T.: -0.008 min
Response: 885151
Conc: 311.21 ng/ml



#43 AR-1268-3

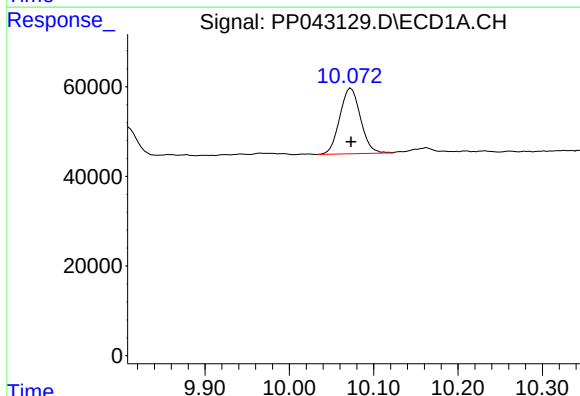
R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 8719
Conc: 5.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



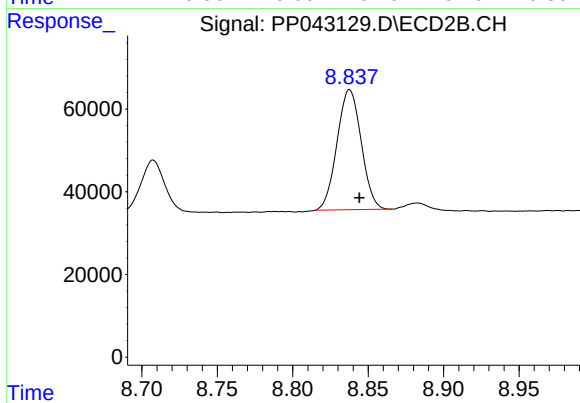
#43 AR-1268-3

R.T.: 8.546 min
Delta R.T.: -0.008 min
Response: 16145
Conc: 6.77 ng/ml



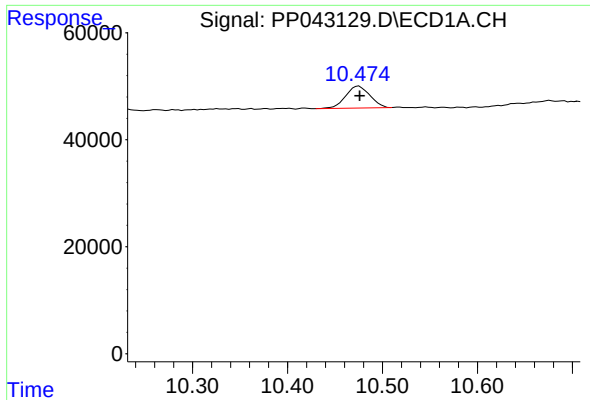
#44 AR-1268-4

R.T.: 10.073 min
Delta R.T.: 0.000 min
Response: 249545
Conc: 394.91 ng/ml



#44 AR-1268-4

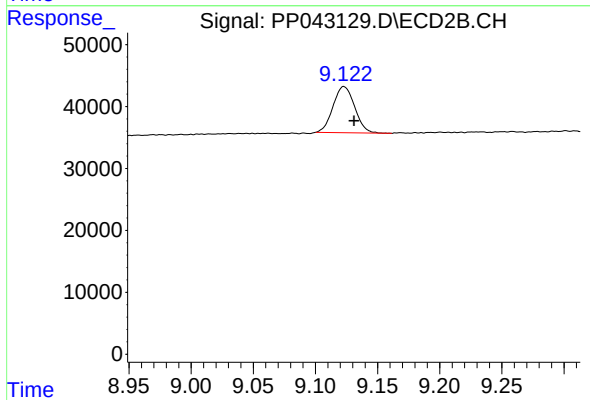
R.T.: 8.838 min
Delta R.T.: -0.007 min
Response: 323796
Conc: 317.52 ng/ml



#45 AR-1268-5

R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 73005
Conc: 13.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.123 min
Delta R.T.: -0.008 min
Response: 90354
Conc: 12.72 ng/ml