

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022221\
 Data File : PP033524.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Feb 2021 17:50
 Operator : DD\AJ
 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: Feb 23 00:18:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 22 12:13:48 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...	4.721	3.992	3910790	2429362	53.134	55.164
2)	SA Decachlor...	10.542	9.254	2687752	1934515	57.788	61.224
Target Compounds							
3)	L1 AR-1016-1	6.021	5.236	1025327	654319	535.704	557.057
4)	L1 AR-1016-2	6.044	5.256	1570380	966165	535.069	541.401
5)	L1 AR-1016-3	6.109	5.447	940358	535009	537.267	555.543
6)	L1 AR-1016-4	6.214	5.498	794196	415598	533.005	555.707
7)	L1 AR-1016-5	6.528	5.726	741648	538043	531.846	558.145
8)	L2 AR-1221-1	4.960	4.244	108005	65990	160.252	158.941
9)	L2 AR-1221-2	5.064	4.345	160955	98312	316.411	322.652
10)	L2 AR-1221-3	5.149	4.431	568204	371933	363.151	377.967
11)	L3 AR-1232-1	5.149	4.431	568204	371933	427.809	456.031
12)	L3 AR-1232-2	5.729	5.256	822632	966165	1275.279	1265.473
13)	L3 AR-1232-3	6.044	5.447	1570380	535009	1287.385	1324.403
14)	L3 AR-1232-4	6.214	5.541	794196	512752	1290.363	1499.137
15)	L3 AR-1232-5	6.314	5.726	596155	538043	1518.437	1399.356
16)	L4 AR-1242-1	6.021	5.236	1025327	654319	701.798	719.474
17)	L4 AR-1242-2	6.044	5.256	1570380	966165	704.535	718.419
18)	L4 AR-1242-3	6.109	5.447	940358	535009	680.563	727.604
19)	L4 AR-1242-4	6.214	5.541	794196	512752	684.611	749.504
20)	L4 AR-1242-5	6.992	6.102	132717	387372	118.430	511.133 #
21)	L5 AR-1248-1	6.021	5.236	1025327	654319	927.858	950.984
22)	L5 AR-1248-2	6.314	5.498	596155	415598	390.488	419.645
23)	L5 AR-1248-3	6.528	5.541	741648	512752	410.918	486.868
24)	L5 AR-1248-4	6.953	5.726	135351	538043	71.492	423.316 #
25)	L5 AR-1248-5	6.992	6.147	132717	60342	71.992	53.630 #
26)	L6 AR-1254-1	6.923	6.102	485710	387372	249.161	212.756
27)	L6 AR-1254-2	7.151	6.261	529052	346427	170.958	222.608 #
28)	L6 AR-1254-3	7.530	6.697f	334468	705694	109.607	285.247 #
29)	L6 AR-1254-4	7.824	6.921	215794	89491	96.361	70.502 #
30)	L6 AR-1254-5	8.249	7.346	1915155	1223212	816.696	587.281 #
31)	L7 AR-1260-1	7.697	6.815	1256059	945258	548.261	547.501
32)	L7 AR-1260-2	7.962	7.013	1822206	1107724	572.378	563.017
33)	L7 AR-1260-3	8.326	7.166	1588163	1099880	547.298	545.865
34)	L7 AR-1260-4	8.555	7.647	1449348	922338	555.381	569.347
35)	L7 AR-1260-5	8.867	7.896	3267613	2130923	553.242	591.749
36)	L8 AR-1262-1	8.326	7.346	1588163	1223212	393.090	1097.204 #
37)	L8 AR-1262-2	8.867	7.896	3267613	2130923	532.013	574.437
38)	L8 AR-1262-3	9.176f	8.179	1980597	513333	470.544	299.748 #
39)	L8 AR-1262-4	9.229	8.243	1328369	1595987	399.906	554.507 #
40)	L8 AR-1262-5	9.860	8.741	933565	596693	472.045	498.141
41)	L9 AR-1268-1	9.176f	8.179	1980597	513333	250.130	108.658 #

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 Acq On : 22 Feb 2021 17:50
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

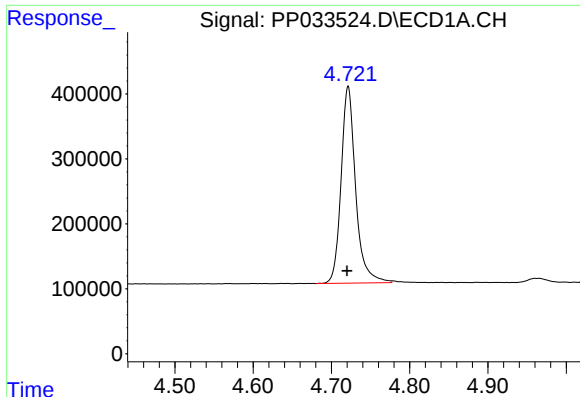
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 00:18:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022121.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	9.229f	8.243	1328369	1595987	201.811	356.342 #
43) L9	AR-1268-3	9.454	8.447	57401	31330	8.830	7.678
44) L9	AR-1268-4	9.860	8.741	933565	596693	449.303	432.551
45) L9	AR-1268-5	10.238	9.018	336297	171183	20.229	15.073 #

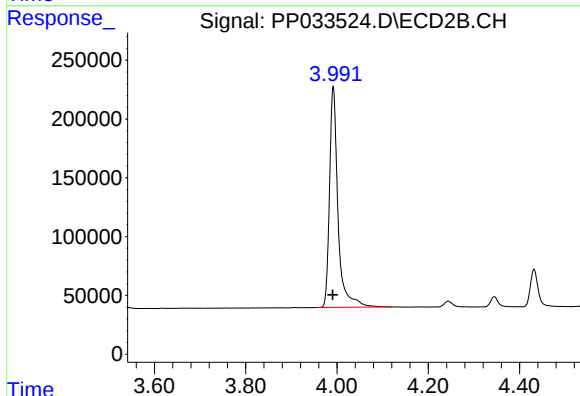
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

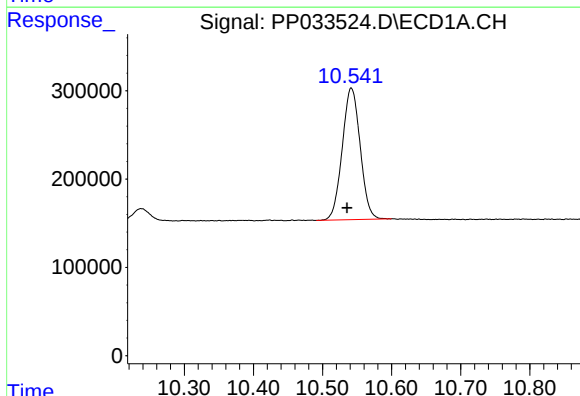
R.T.: 4.721 min
Delta R.T.: 0.001 min
Response: 3910790
Conc: 53.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



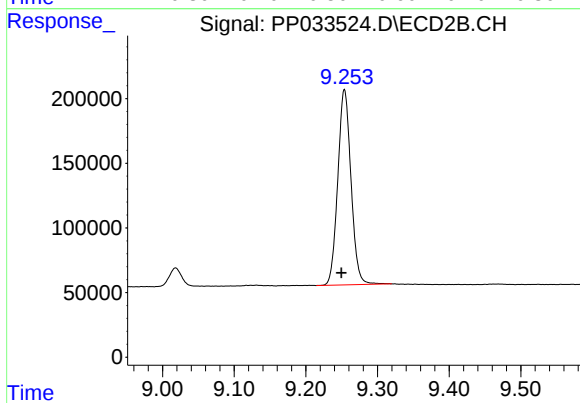
#1 Tetrachloro-m-xylene

R.T.: 3.992 min
Delta R.T.: 0.002 min
Response: 2429362
Conc: 55.16 ng/ml



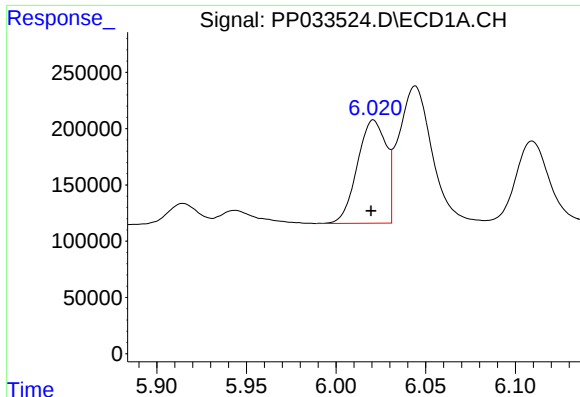
#2 Decachlorobiphenyl

R.T.: 10.542 min
Delta R.T.: 0.006 min
Response: 2687752
Conc: 57.79 ng/ml



#2 Decachlorobiphenyl

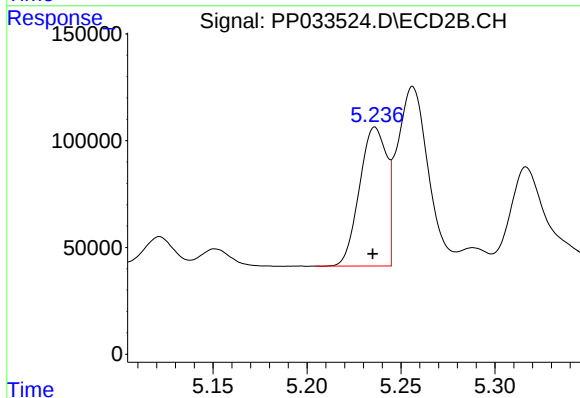
R.T.: 9.254 min
Delta R.T.: 0.004 min
Response: 1934515
Conc: 61.22 ng/ml



#3 AR-1016-1

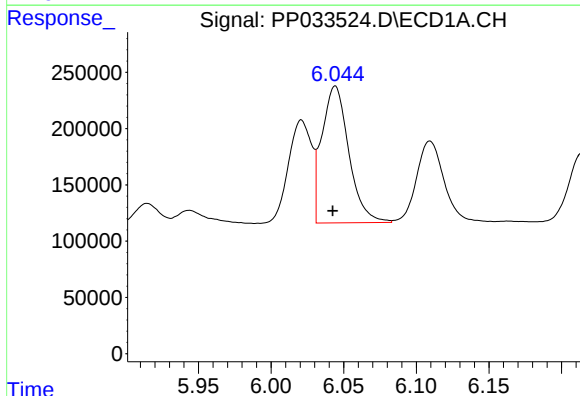
R.T.: 6.021 min
Delta R.T.: 0.001 min
Response: 1025327
Conc: 535.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



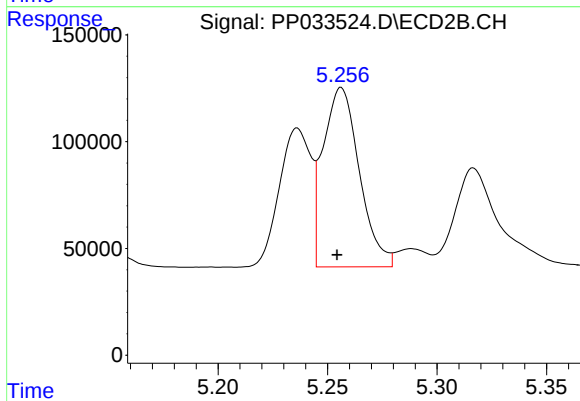
#3 AR-1016-1

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 654319
Conc: 557.06 ng/ml



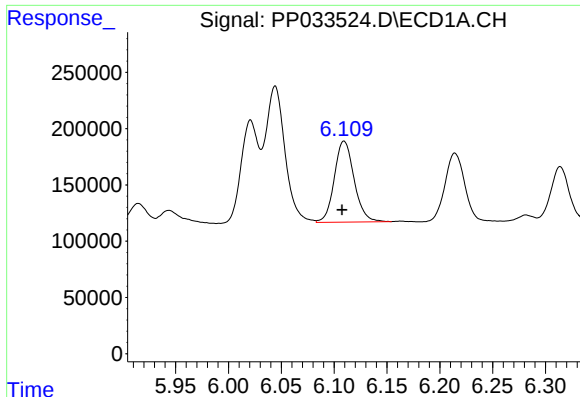
#4 AR-1016-2

R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 1570380
Conc: 535.07 ng/ml



#4 AR-1016-2

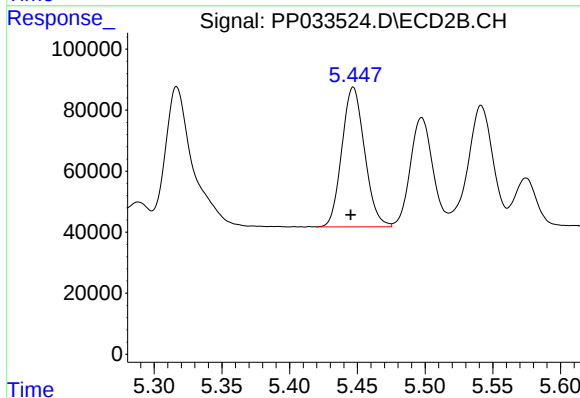
R.T.: 5.256 min
Delta R.T.: 0.002 min
Response: 966165
Conc: 541.40 ng/ml



#5 AR-1016-3

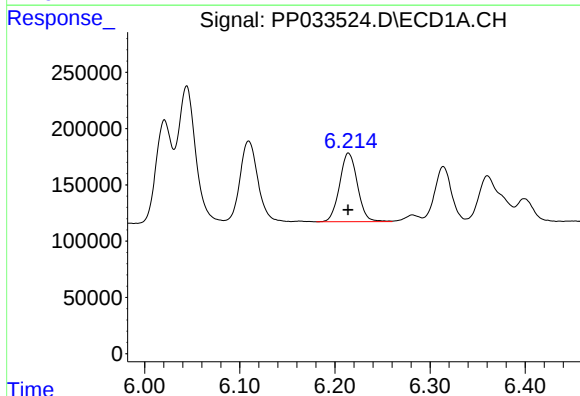
R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 940358
Conc: 537.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



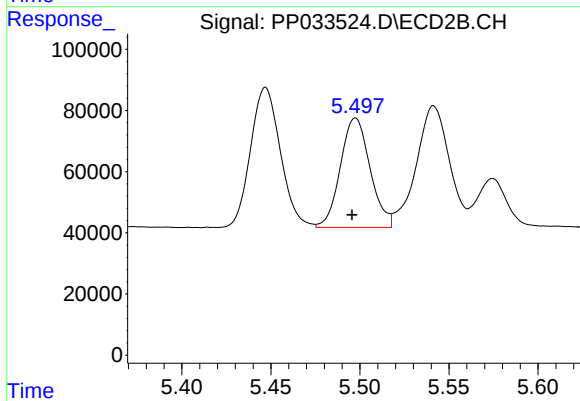
#5 AR-1016-3

R.T.: 5.447 min
Delta R.T.: 0.002 min
Response: 535009
Conc: 555.54 ng/ml



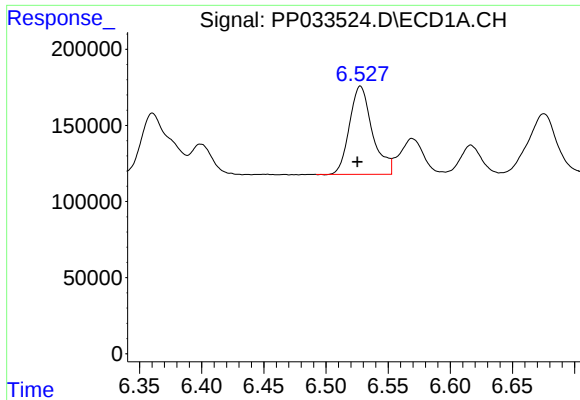
#6 AR-1016-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 794196
Conc: 533.01 ng/ml



#6 AR-1016-4

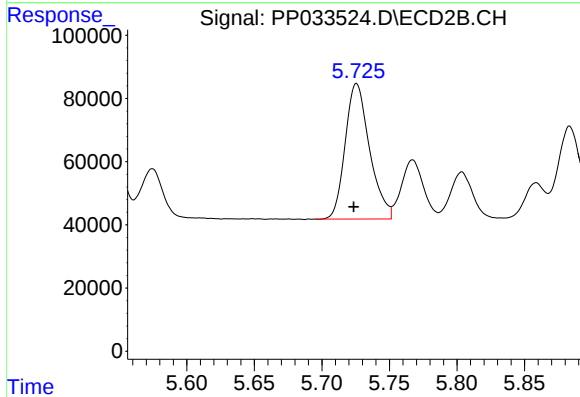
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 415598
Conc: 555.71 ng/ml



#7 AR-1016-5

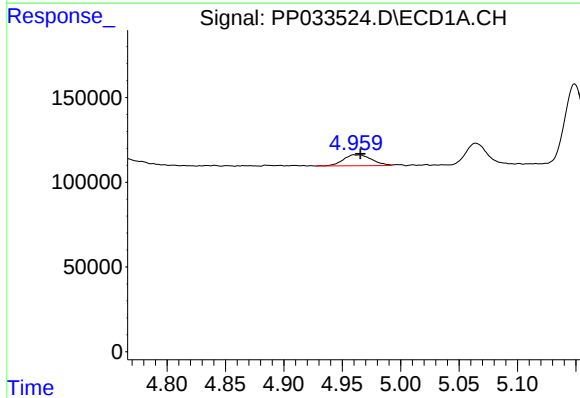
R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 741648
Conc: 531.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



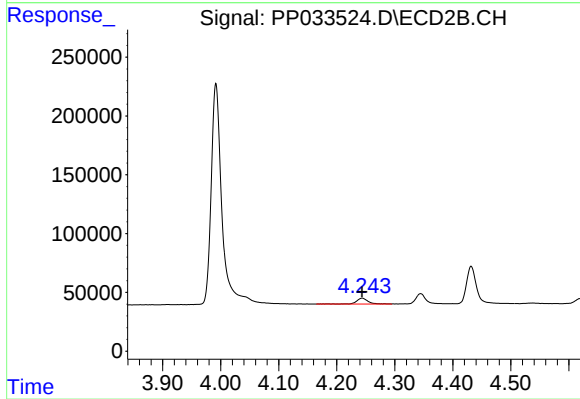
#7 AR-1016-5

R.T.: 5.726 min
Delta R.T.: 0.002 min
Response: 538043
Conc: 558.14 ng/ml



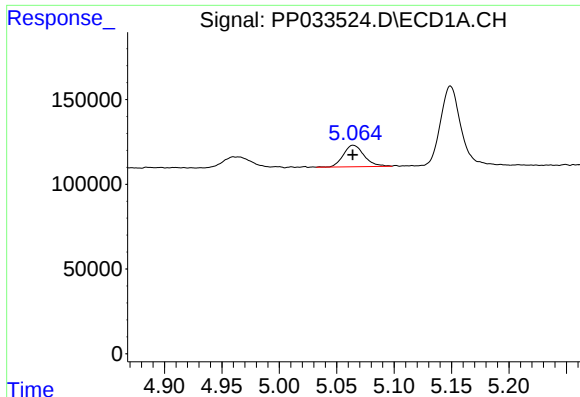
#8 AR-1221-1

R.T.: 4.960 min
Delta R.T.: -0.006 min
Response: 108005
Conc: 160.25 ng/ml



#8 AR-1221-1

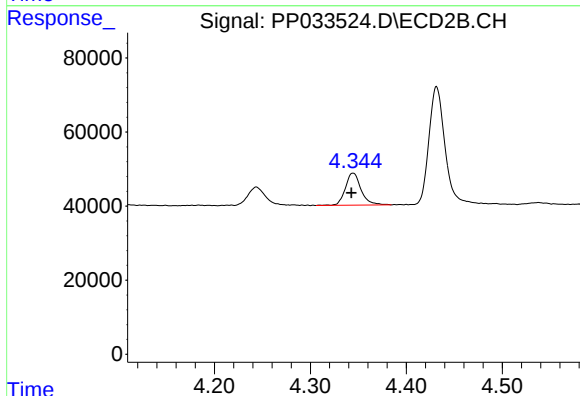
R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 65990
Conc: 158.94 ng/ml



#9 AR-1221-2

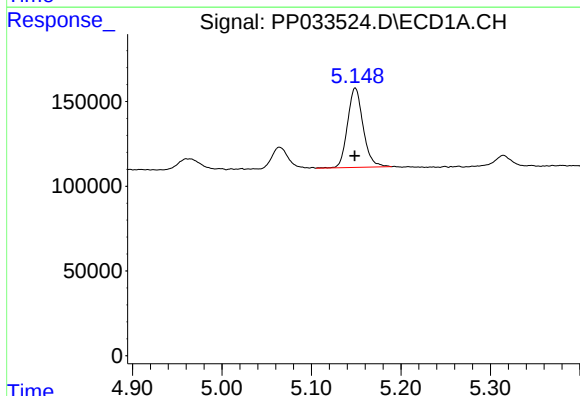
R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 160955
Conc: 316.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



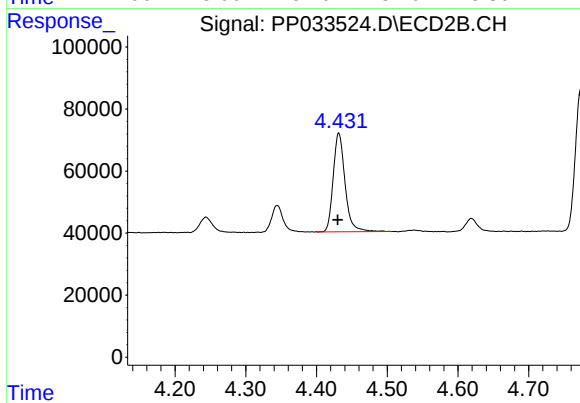
#9 AR-1221-2

R.T.: 4.345 min
Delta R.T.: 0.002 min
Response: 98312
Conc: 322.65 ng/ml



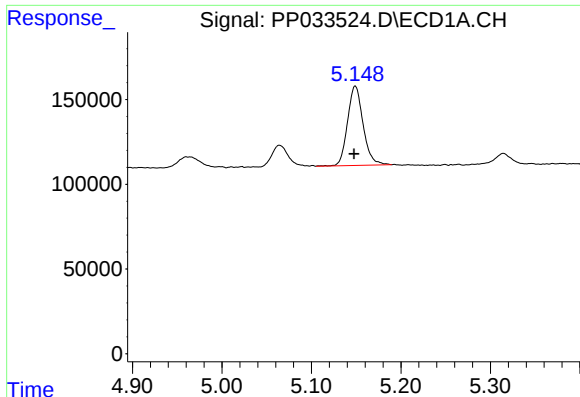
#10 AR-1221-3

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 568204
Conc: 363.15 ng/ml



#10 AR-1221-3

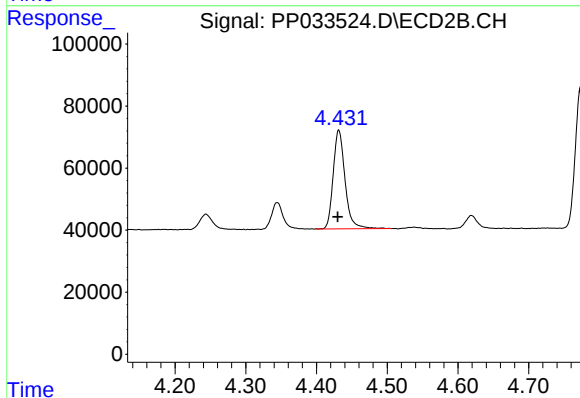
R.T.: 4.431 min
Delta R.T.: 0.002 min
Response: 371933
Conc: 377.97 ng/ml



#11 AR-1232-1

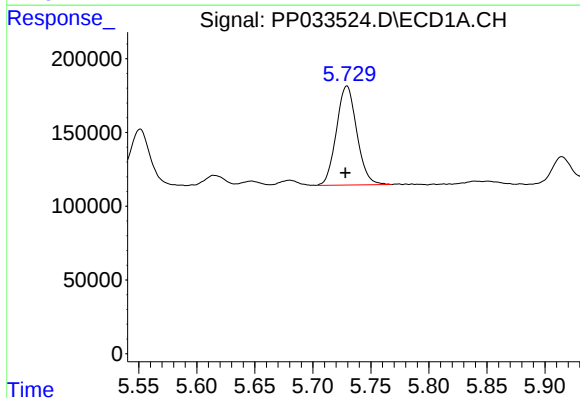
R.T.: 5.149 min
Delta R.T.: 0.001 min
Response: 568204
Conc: 427.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



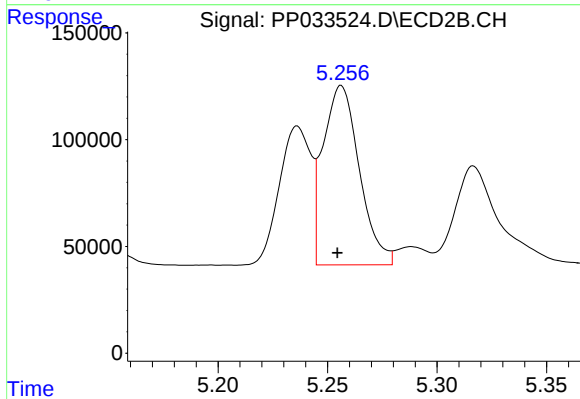
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: 0.001 min
Response: 371933
Conc: 456.03 ng/ml



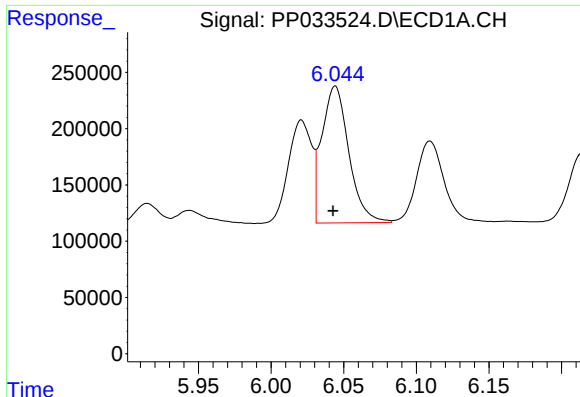
#12 AR-1232-2

R.T.: 5.729 min
Delta R.T.: 0.001 min
Response: 822632
Conc: 1275.28 ng/ml



#12 AR-1232-2

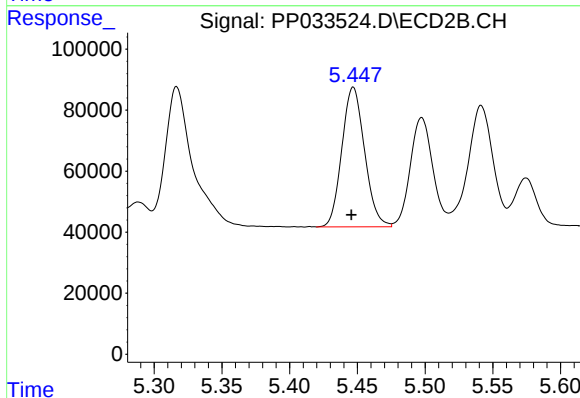
R.T.: 5.256 min
Delta R.T.: 0.002 min
Response: 966165
Conc: 1265.47 ng/ml



#13 AR-1232-3

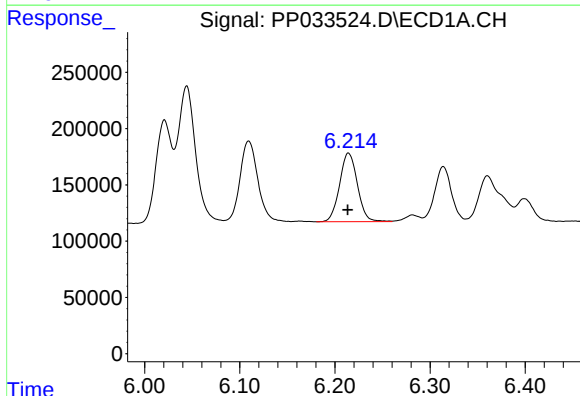
R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 1570380
Conc: 1287.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



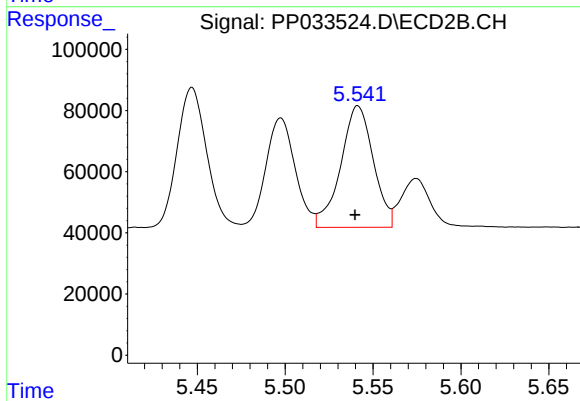
#13 AR-1232-3

R.T.: 5.447 min
Delta R.T.: 0.002 min
Response: 535009
Conc: 1324.40 ng/ml



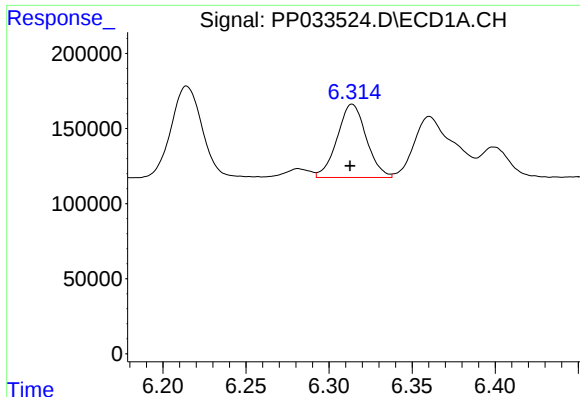
#14 AR-1232-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 794196
Conc: 1290.36 ng/ml



#14 AR-1232-4

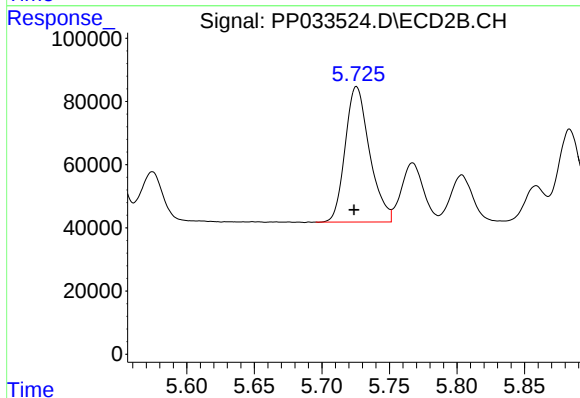
R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 512752
Conc: 1499.14 ng/ml



#15 AR-1232-5

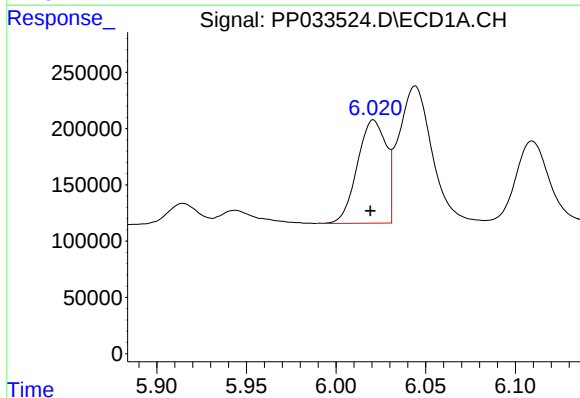
R.T.: 6.314 min
Delta R.T.: 0.001 min
Response: 596155
Conc: 1518.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



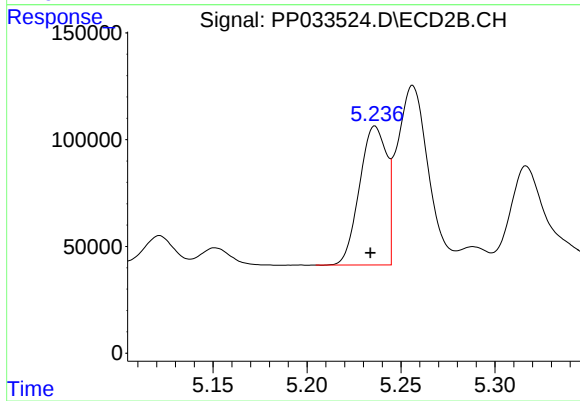
#15 AR-1232-5

R.T.: 5.726 min
Delta R.T.: 0.002 min
Response: 538043
Conc: 1399.36 ng/ml



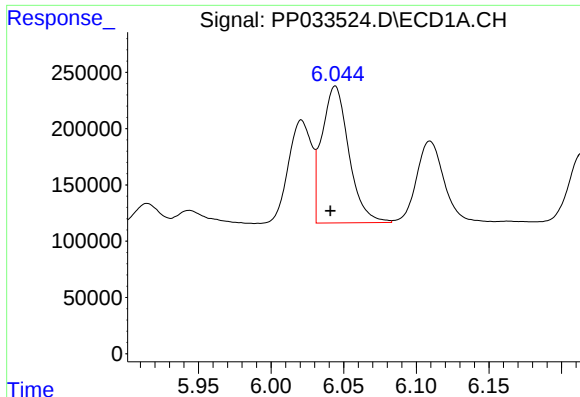
#16 AR-1242-1

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 1025327
Conc: 701.80 ng/ml



#16 AR-1242-1

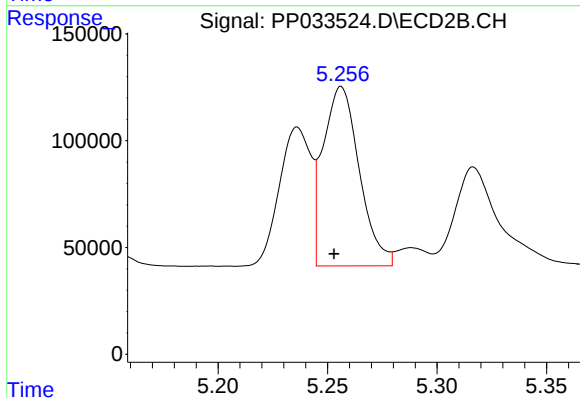
R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 654319
Conc: 719.47 ng/ml



#17 AR-1242-2

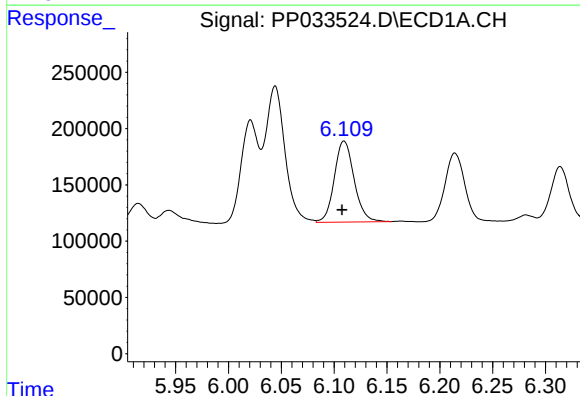
R.T.: 6.044 min
Delta R.T.: 0.003 min
Response: 1570380
Conc: 704.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



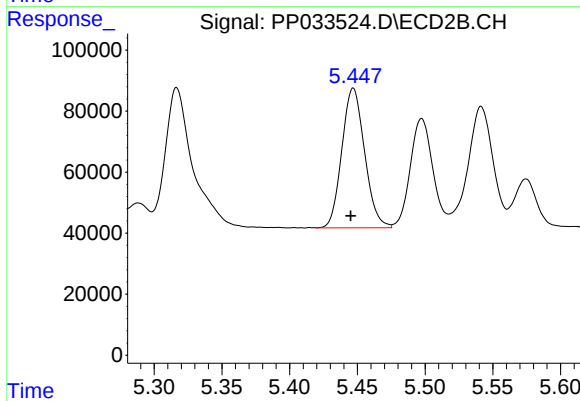
#17 AR-1242-2

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 966165
Conc: 718.42 ng/ml



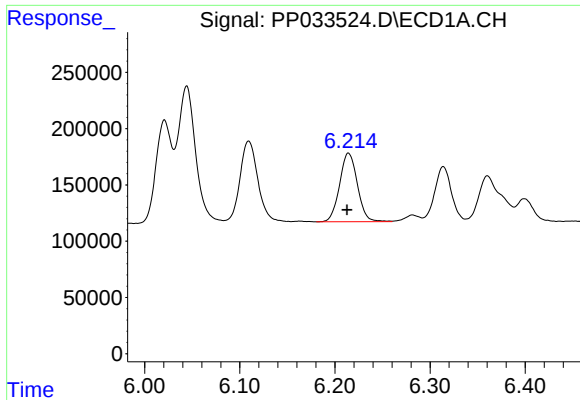
#18 AR-1242-3

R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 940358
Conc: 680.56 ng/ml



#18 AR-1242-3

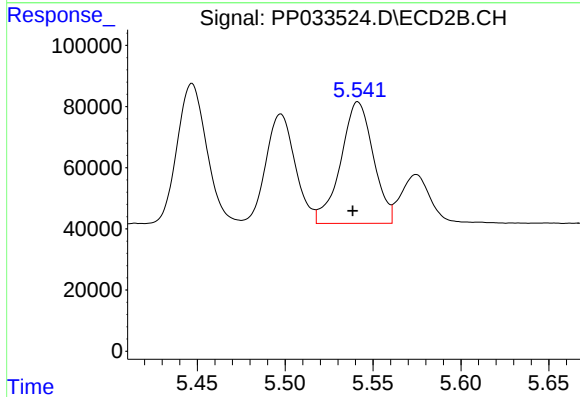
R.T.: 5.447 min
Delta R.T.: 0.002 min
Response: 535009
Conc: 727.60 ng/ml



#19 AR-1242-4

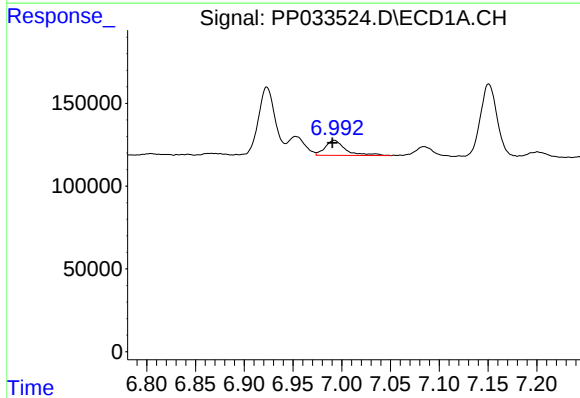
R.T.: 6.214 min
Delta R.T.: 0.001 min
Response: 794196
Conc: 684.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



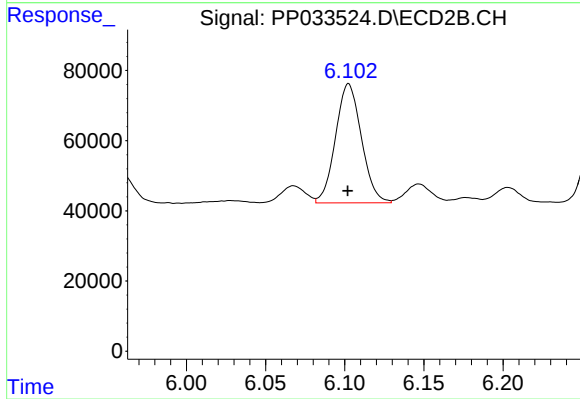
#19 AR-1242-4

R.T.: 5.541 min
Delta R.T.: 0.003 min
Response: 512752
Conc: 749.50 ng/ml



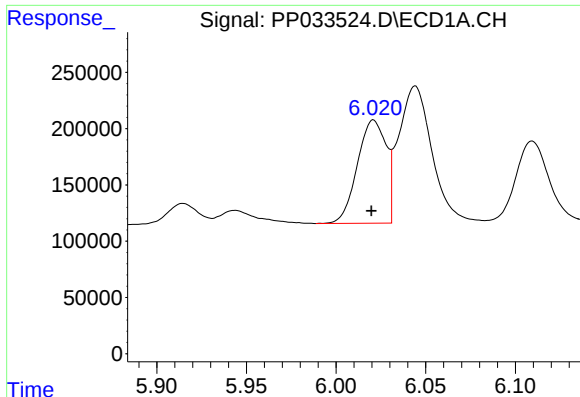
#20 AR-1242-5

R.T.: 6.992 min
Delta R.T.: 0.002 min
Response: 132717
Conc: 118.43 ng/ml



#20 AR-1242-5

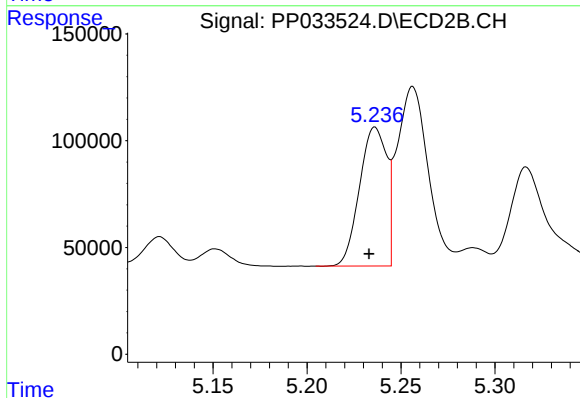
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 387372
Conc: 511.13 ng/ml



#21 AR-1248-1

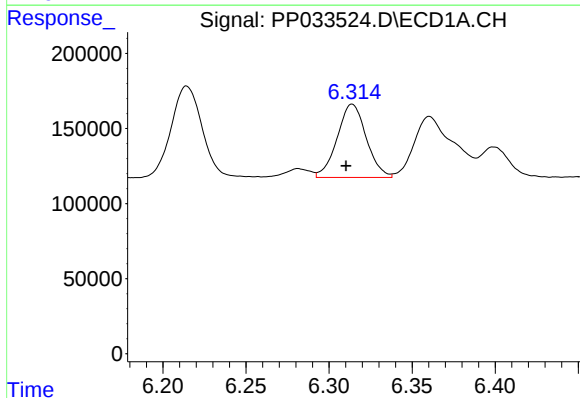
R.T.: 6.021 min
Delta R.T.: 0.001 min
Response: 1025327
Conc: 927.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



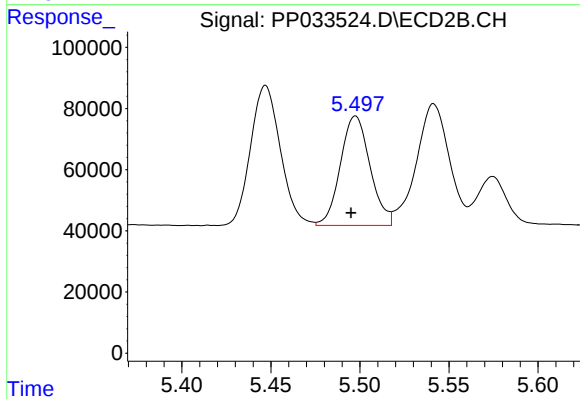
#21 AR-1248-1

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 654319
Conc: 950.98 ng/ml



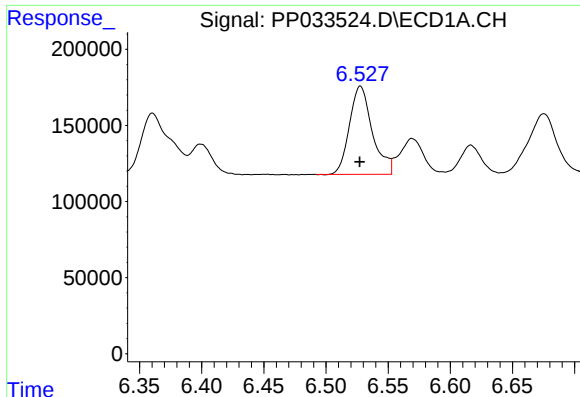
#22 AR-1248-2

R.T.: 6.314 min
Delta R.T.: 0.004 min
Response: 596155
Conc: 390.49 ng/ml



#22 AR-1248-2

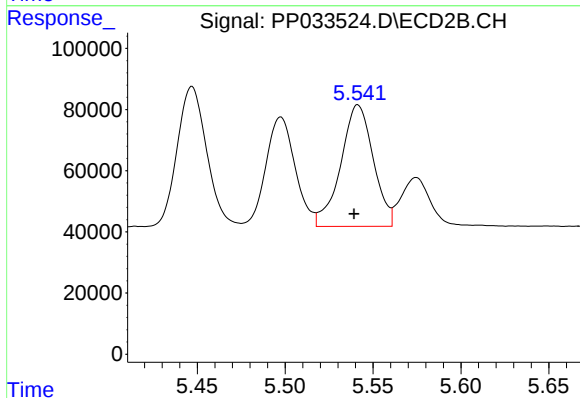
R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 415598
Conc: 419.64 ng/ml



#23 AR-1248-3

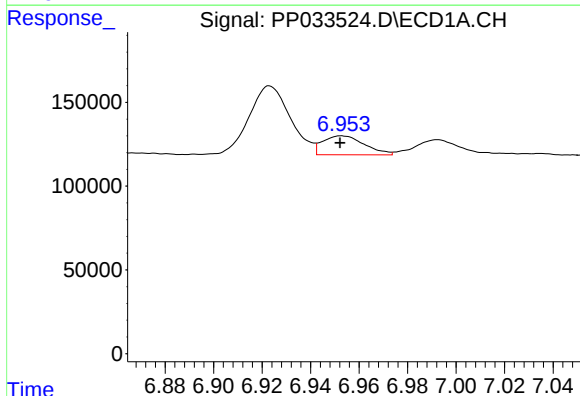
R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 741648
Conc: 410.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



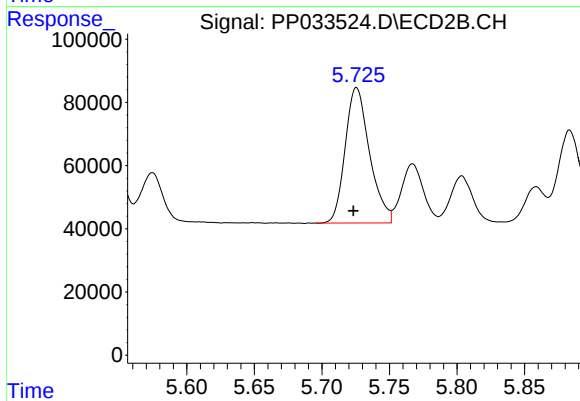
#23 AR-1248-3

R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 512752
Conc: 486.87 ng/ml



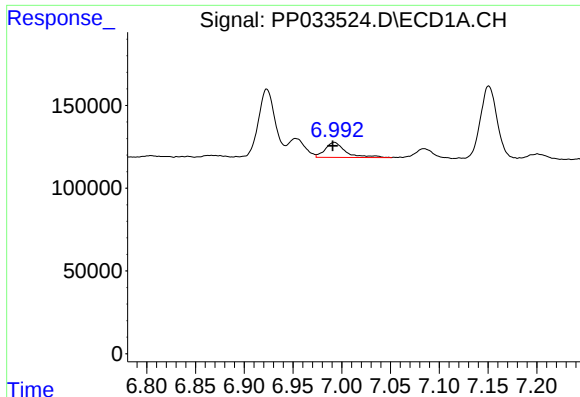
#24 AR-1248-4

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 135351
Conc: 71.49 ng/ml



#24 AR-1248-4

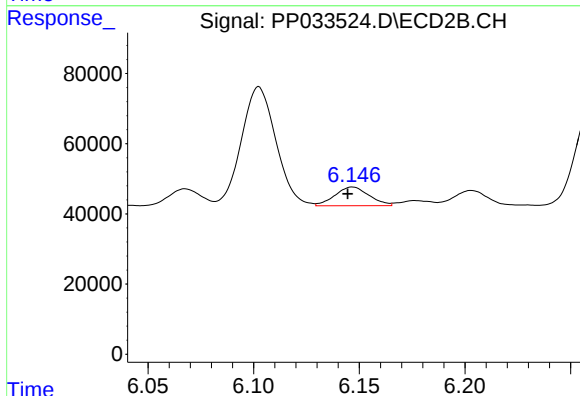
R.T.: 5.726 min
Delta R.T.: 0.002 min
Response: 538043
Conc: 423.32 ng/ml



#25 AR-1248-5

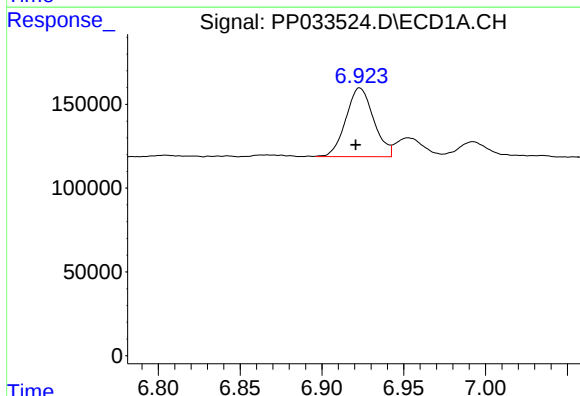
R.T.: 6.992 min
Delta R.T.: 0.002 min
Response: 132717
Conc: 71.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



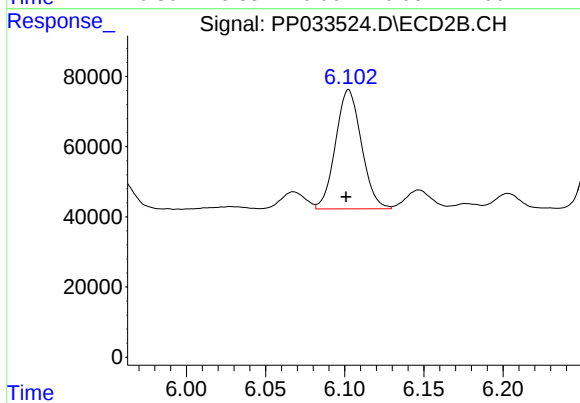
#25 AR-1248-5

R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 60342
Conc: 53.63 ng/ml



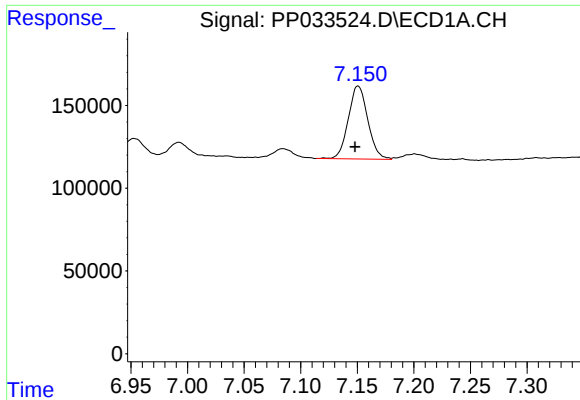
#26 AR-1254-1

R.T.: 6.923 min
Delta R.T.: 0.002 min
Response: 485710
Conc: 249.16 ng/ml



#26 AR-1254-1

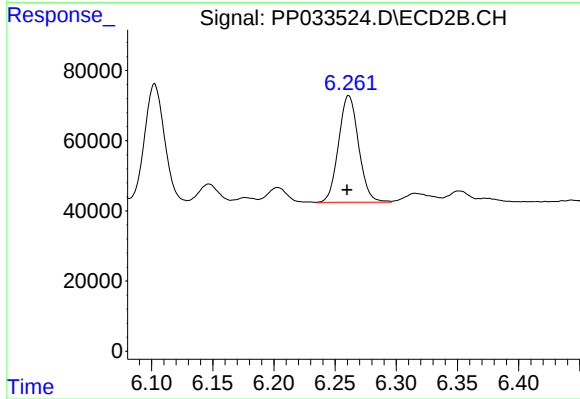
R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 387372
Conc: 212.76 ng/ml



#27 AR-1254-2

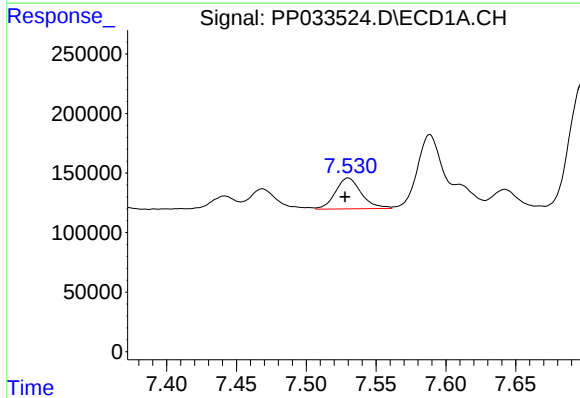
R.T.: 7.151 min
Delta R.T.: 0.003 min
Response: 529052
Conc: 170.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



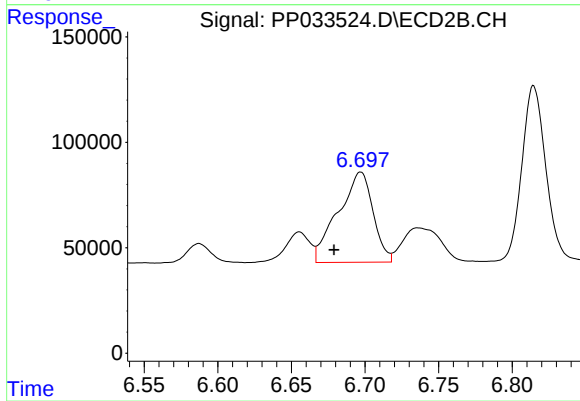
#27 AR-1254-2

R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 346427
Conc: 222.61 ng/ml



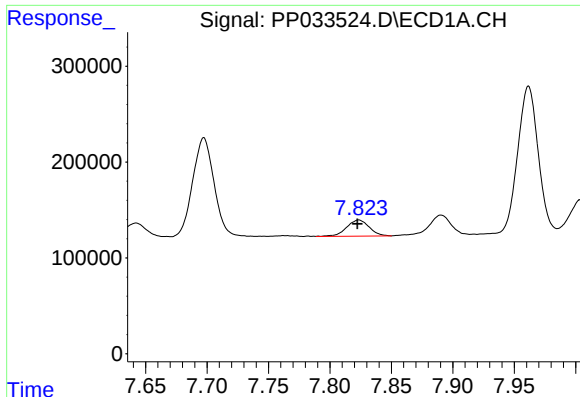
#28 AR-1254-3

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 334468
Conc: 109.61 ng/ml



#28 AR-1254-3

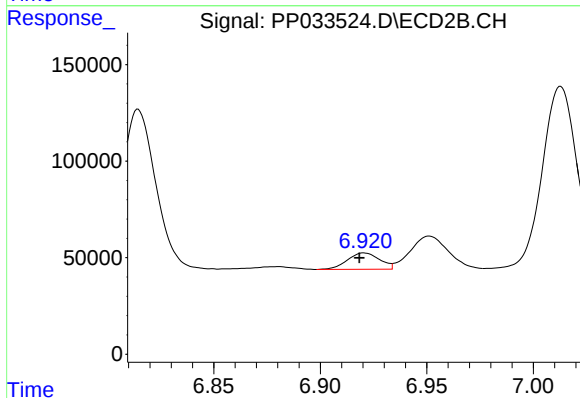
R.T.: 6.697 min
Delta R.T.: 0.018 min
Response: 705694
Conc: 285.25 ng/ml



#29 AR-1254-4

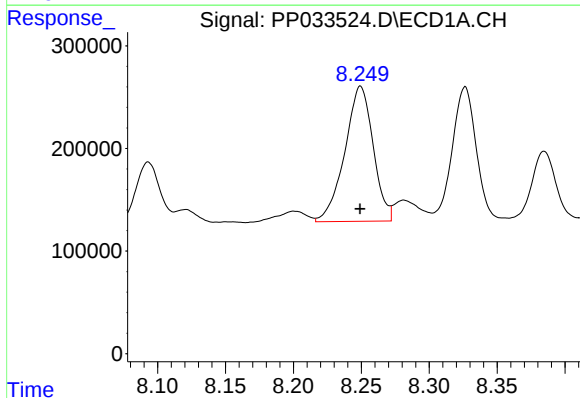
R.T.: 7.824 min
Delta R.T.: 0.001 min
Response: 215794
Conc: 96.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



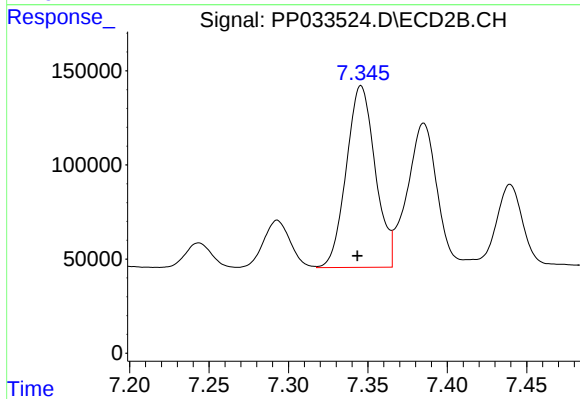
#29 AR-1254-4

R.T.: 6.921 min
Delta R.T.: 0.002 min
Response: 89491
Conc: 70.50 ng/ml



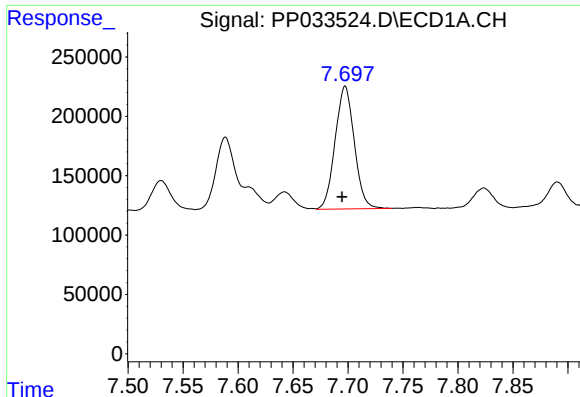
#30 AR-1254-5

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 191515
Conc: 816.70 ng/ml



#30 AR-1254-5

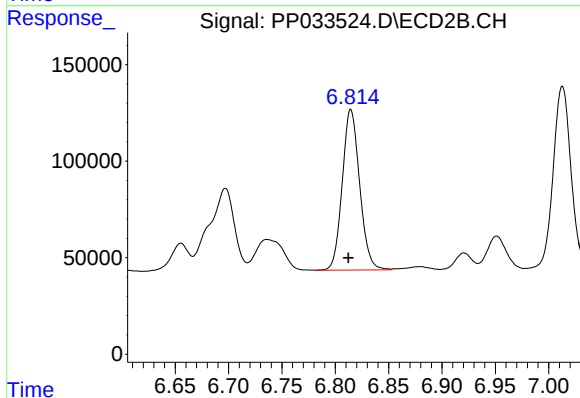
R.T.: 7.346 min
Delta R.T.: 0.002 min
Response: 1223212
Conc: 587.28 ng/ml



#31 AR-1260-1

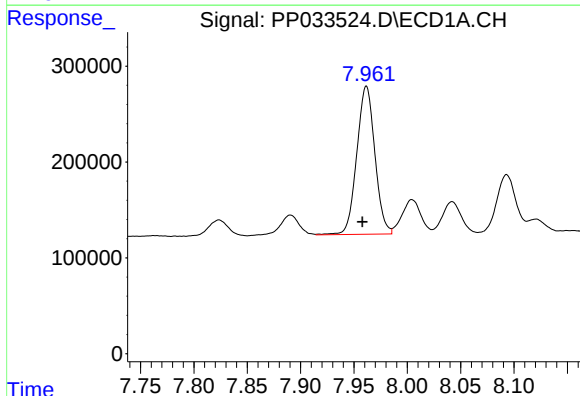
R.T.: 7.697 min
Delta R.T.: 0.003 min
Response: 1256059
Conc: 548.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



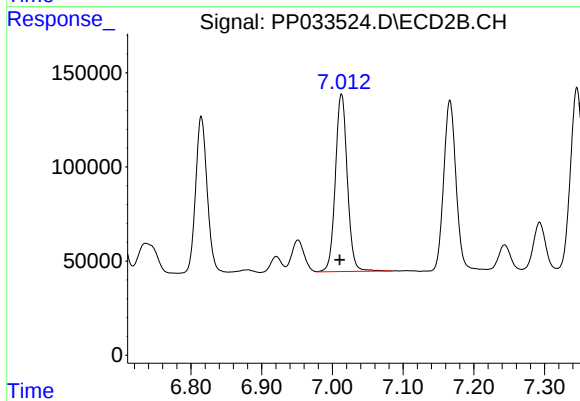
#31 AR-1260-1

R.T.: 6.815 min
Delta R.T.: 0.002 min
Response: 945258
Conc: 547.50 ng/ml



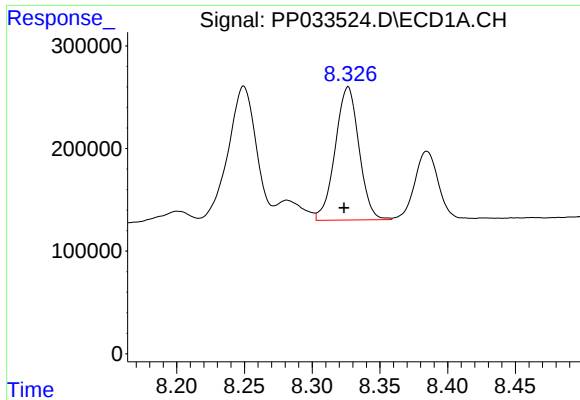
#32 AR-1260-2

R.T.: 7.962 min
Delta R.T.: 0.004 min
Response: 1822206
Conc: 572.38 ng/ml



#32 AR-1260-2

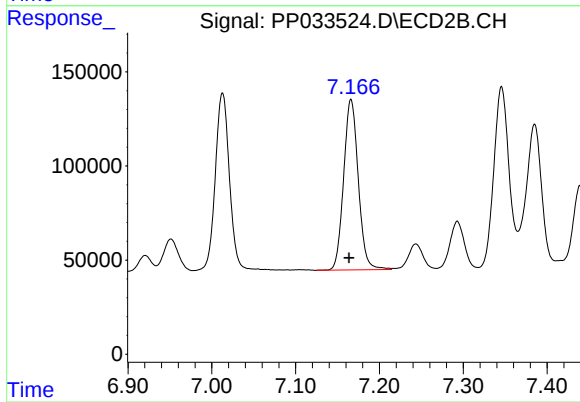
R.T.: 7.013 min
Delta R.T.: 0.003 min
Response: 1107724
Conc: 563.02 ng/ml



#33 AR-1260-3

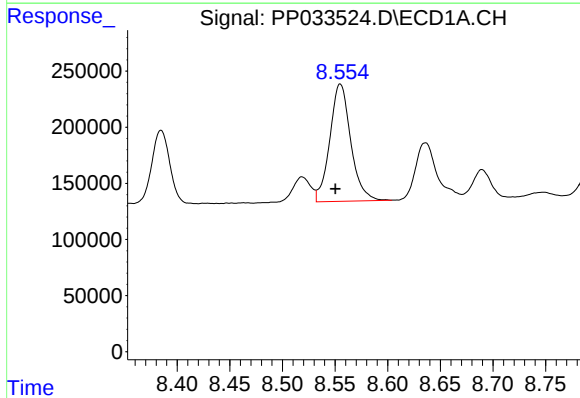
R.T.: 8.326 min
Delta R.T.: 0.003 min
Response: 1588163
Conc: 547.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



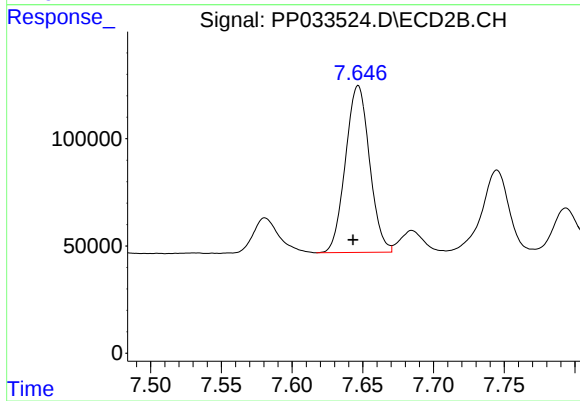
#33 AR-1260-3

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 1099880
Conc: 545.87 ng/ml



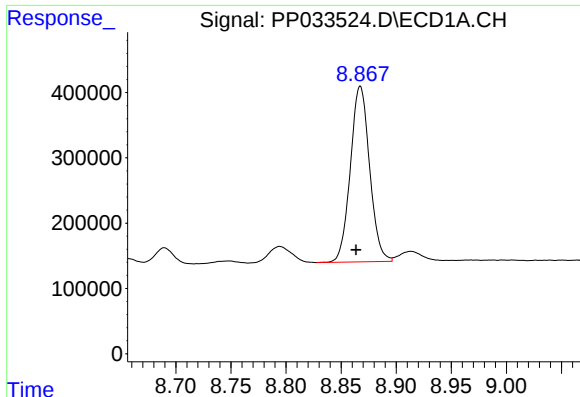
#34 AR-1260-4

R.T.: 8.555 min
Delta R.T.: 0.005 min
Response: 1449348
Conc: 555.38 ng/ml



#34 AR-1260-4

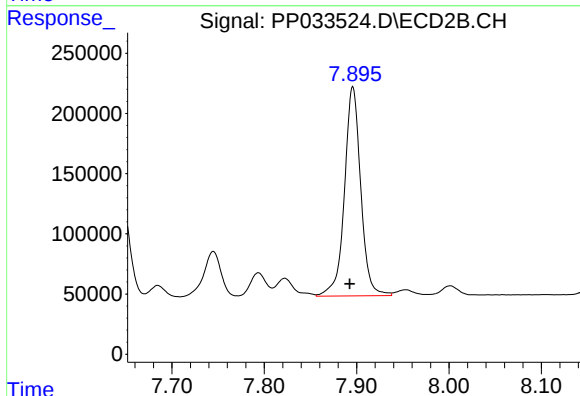
R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 922338
Conc: 569.35 ng/ml



#35 AR-1260-5

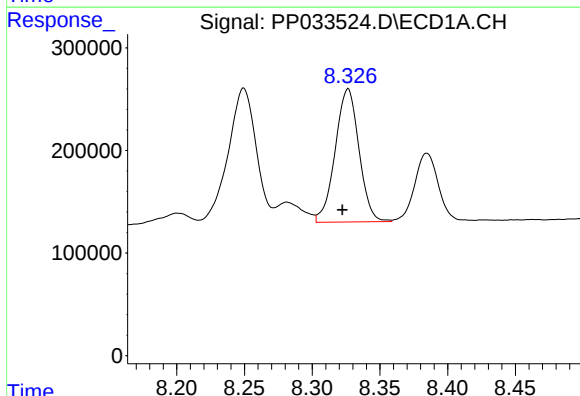
R.T.: 8.867 min
Delta R.T.: 0.004 min
Response: 3267613
Conc: 553.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



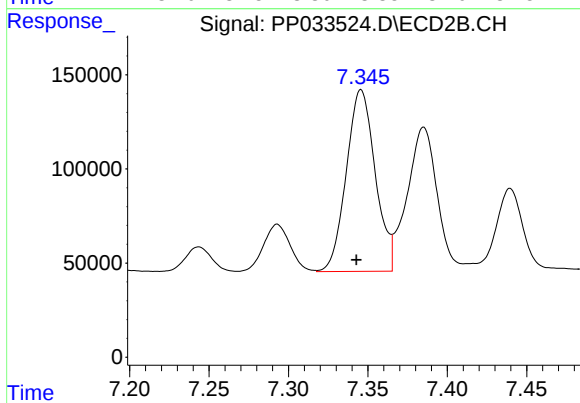
#35 AR-1260-5

R.T.: 7.896 min
Delta R.T.: 0.003 min
Response: 2130923
Conc: 591.75 ng/ml



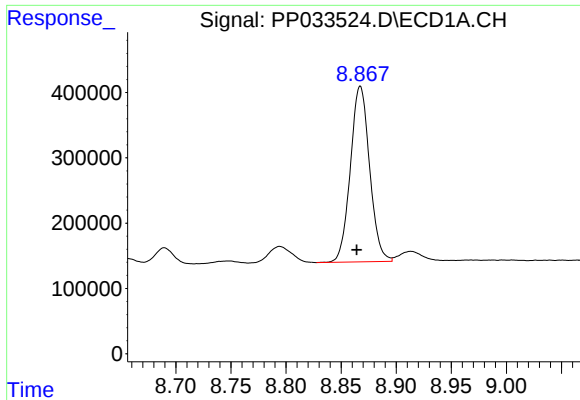
#36 AR-1262-1

R.T.: 8.326 min
Delta R.T.: 0.004 min
Response: 1588163
Conc: 393.09 ng/ml



#36 AR-1262-1

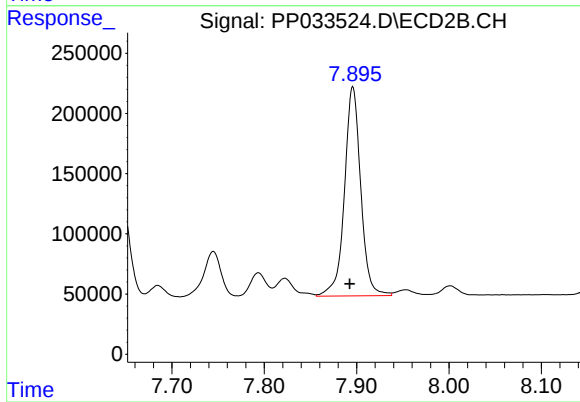
R.T.: 7.346 min
Delta R.T.: 0.003 min
Response: 1223212
Conc: 1097.20 ng/ml



#37 AR-1262-2

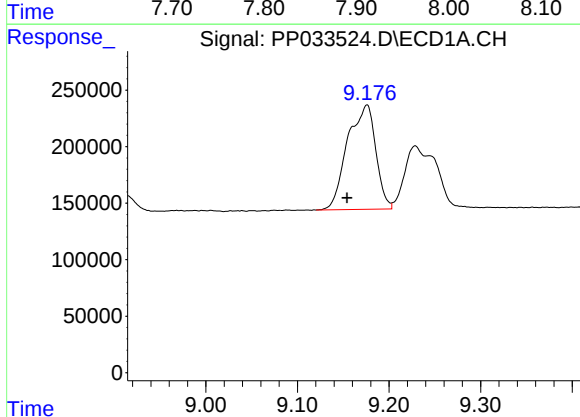
R.T.: 8.867 min
Delta R.T.: 0.003 min
Response: 3267613
Conc: 532.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



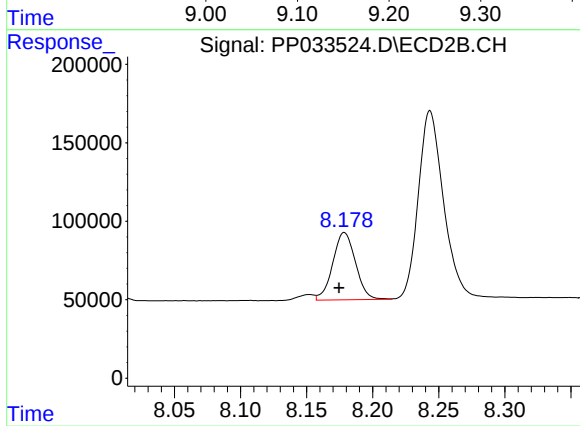
#37 AR-1262-2

R.T.: 7.896 min
Delta R.T.: 0.003 min
Response: 2130923
Conc: 574.44 ng/ml



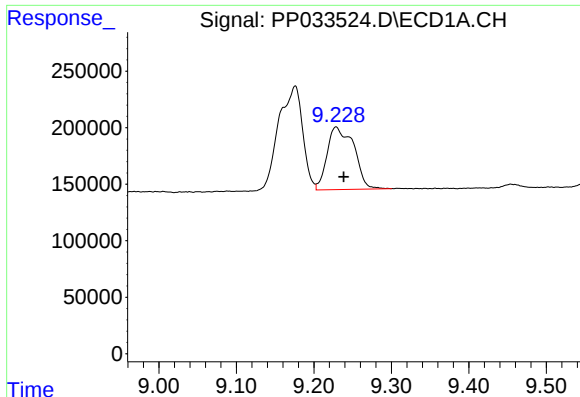
#38 AR-1262-3

R.T.: 9.176 min
Delta R.T.: 0.022 min
Response: 1980597
Conc: 470.54 ng/ml



#38 AR-1262-3

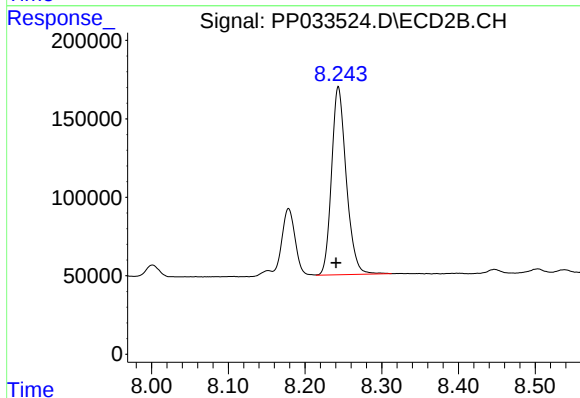
R.T.: 8.179 min
Delta R.T.: 0.004 min
Response: 513333
Conc: 299.75 ng/ml



#39 AR-1262-4

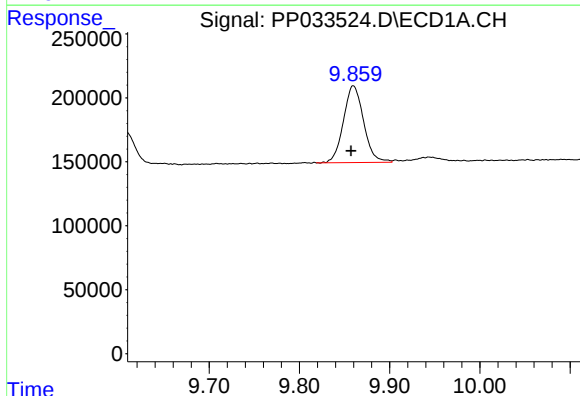
R.T.: 9.229 min
Delta R.T.: -0.010 min
Response: 1328369
Conc: 399.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



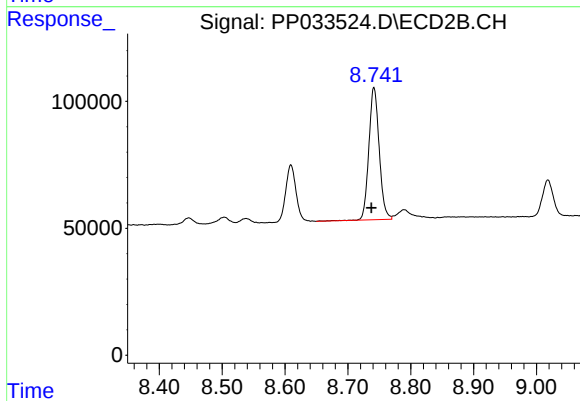
#39 AR-1262-4

R.T.: 8.243 min
Delta R.T.: 0.003 min
Response: 1595987
Conc: 554.51 ng/ml



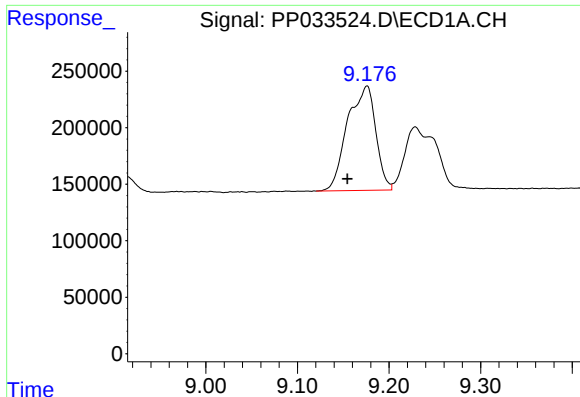
#40 AR-1262-5

R.T.: 9.860 min
Delta R.T.: 0.002 min
Response: 933565
Conc: 472.05 ng/ml



#40 AR-1262-5

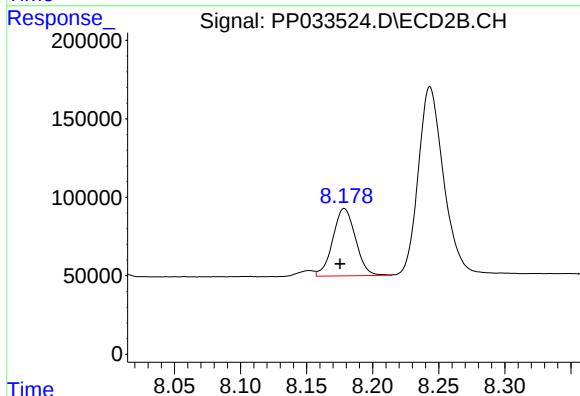
R.T.: 8.741 min
Delta R.T.: 0.004 min
Response: 596693
Conc: 498.14 ng/ml



#41 AR-1268-1

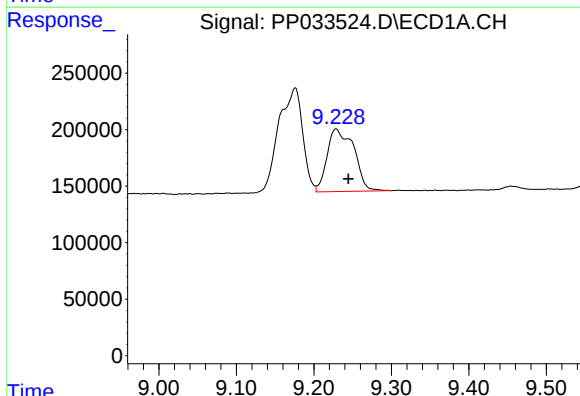
R.T.: 9.176 min
Delta R.T.: 0.021 min
Response: 1980597
Conc: 250.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



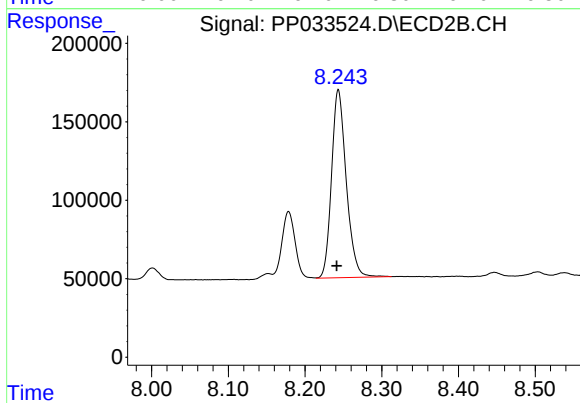
#41 AR-1268-1

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 513333
Conc: 108.66 ng/ml



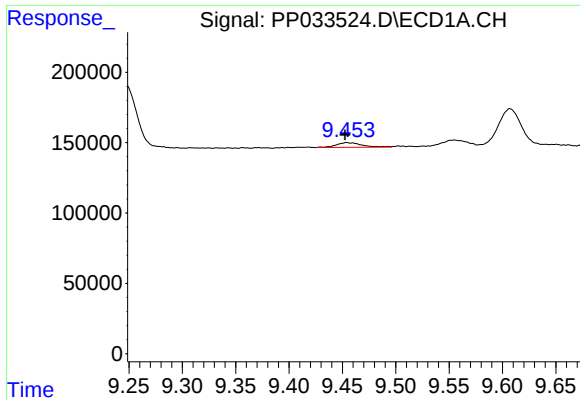
#42 AR-1268-2

R.T.: 9.229 min
Delta R.T.: -0.016 min
Response: 1328369
Conc: 201.81 ng/ml



#42 AR-1268-2

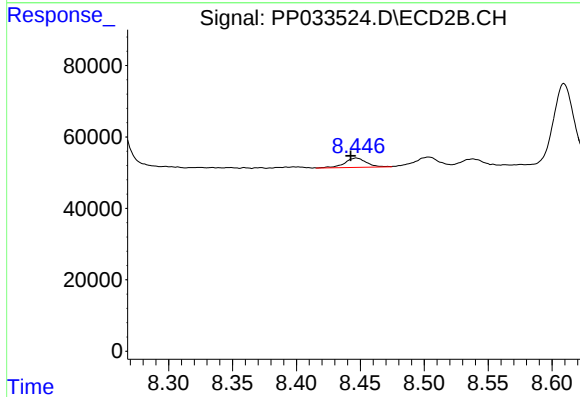
R.T.: 8.243 min
Delta R.T.: 0.002 min
Response: 1595987
Conc: 356.34 ng/ml



#43 AR-1268-3

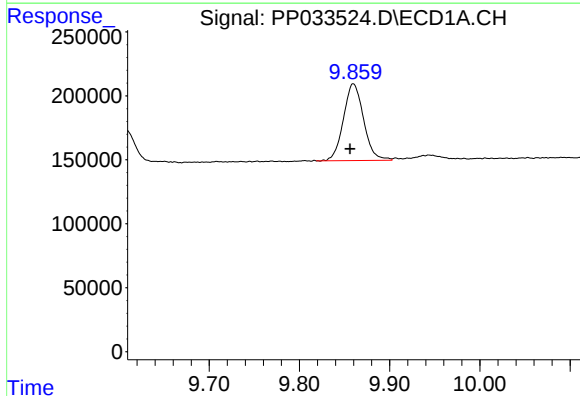
R.T.: 9.454 min
Delta R.T.: 0.002 min
Response: 57401
Conc: 8.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



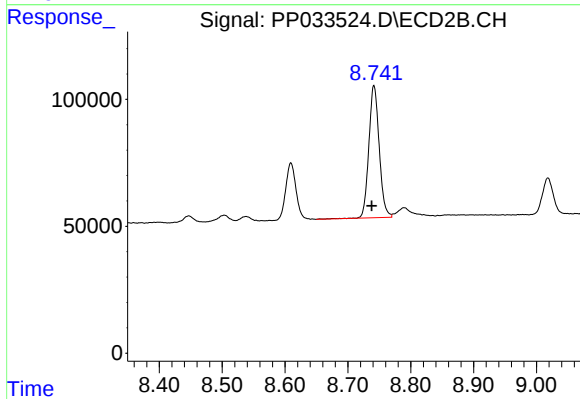
#43 AR-1268-3

R.T.: 8.447 min
Delta R.T.: 0.004 min
Response: 31330
Conc: 7.68 ng/ml



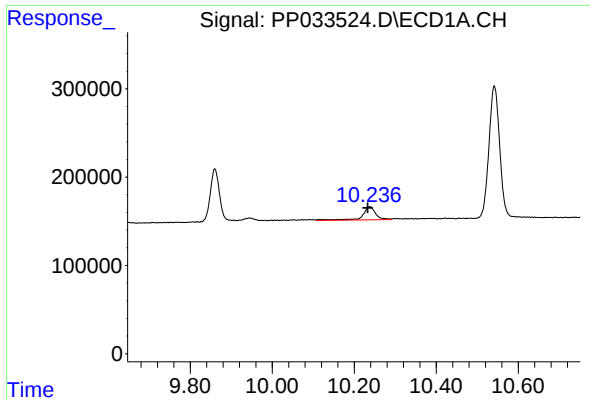
#44 AR-1268-4

R.T.: 9.860 min
Delta R.T.: 0.004 min
Response: 933565
Conc: 449.30 ng/ml



#44 AR-1268-4

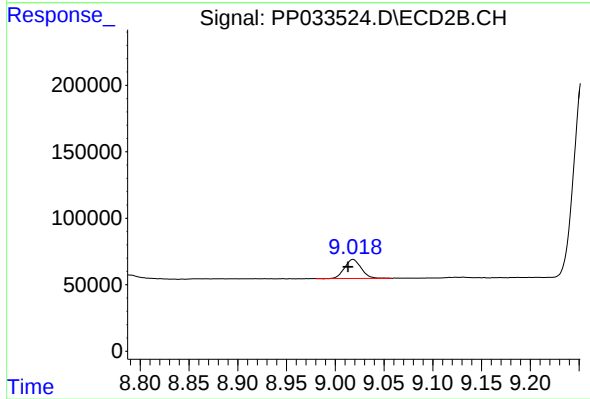
R.T.: 8.741 min
Delta R.T.: 0.004 min
Response: 596693
Conc: 432.55 ng/ml



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.005 min
Response: 336297
Conc: 20.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.018 min
Delta R.T.: 0.005 min
Response: 171183
Conc: 15.07 ng/ml