

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021621\
 Data File : PP033351.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Feb 2021 9:19
 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 17 00:39:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 09 04:00:57 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...	4.728	4.002	3498773	2025170	57.055	49.525
2)	SA Decachlor...	10.554	9.266	2461164	1647484	56.499	49.179
Target Compounds							
3)	L1 AR-1016-1	6.028	5.247	945341	572930	576.759	522.018
4)	L1 AR-1016-2	6.050	5.267	1417832	851433	566.184	521.728
5)	L1 AR-1016-3	6.116	5.458	839579	465933	529.414	522.706
6)	L1 AR-1016-4	6.221	5.508	728693	354748	549.804	492.606
7)	L1 AR-1016-5	6.534	5.737	376862	469793	287.344	499.217 #
8)	L2 AR-1221-1	4.970	4.253	97853	56680	158.618	136.031
9)	L2 AR-1221-2	5.071	4.354	149288	85466	320.909	270.456
10)	L2 AR-1221-3	5.156	4.442	532097	325064	377.226	330.089
11)	L3 AR-1232-1	5.156	4.442	532097	325064	458.870	410.182
12)	L3 AR-1232-2	5.736	5.267	728283	851433	1140.683	1151.658
13)	L3 AR-1232-3	6.050	5.458	1417832	465933	1292.396	1174.749
14)	L3 AR-1232-4	6.221	5.552	728693	434897	1269.573	1240.611
15)	L3 AR-1232-5	6.320	5.737	537463	469793	1470.825	1236.142
16)	L4 AR-1242-1	6.028	5.247	945341	572930	727.239	661.942
17)	L4 AR-1242-2	6.050	5.267	1417832	851433	719.601	663.436
18)	L4 AR-1242-3	6.116	5.458	839579	465933	662.429	662.865
19)	L4 AR-1242-4	6.221	5.552	728693	434897	663.872	624.391
20)	L4 AR-1242-5	7.000	6.114	95593	328652	92.009	389.227 #
21)	L5 AR-1248-1	6.028	5.247	945341	572930	987.340	880.973
22)	L5 AR-1248-2	6.320	5.508	537463	354748	405.611	369.776
23)	L5 AR-1248-3	6.534	5.552	376862	434897	232.734	427.729 #
24)	L5 AR-1248-4	6.960	5.737	111571	469793	64.843	379.087 #
25)	L5 AR-1248-5	7.000	6.159	95593	51002	54.938	45.161
26)	L6 AR-1254-1	6.930	6.114	439903	328652	234.299	171.965 #
27)	L6 AR-1254-2	7.158	6.273	308129	295817	105.100	180.417 #
28)	L6 AR-1254-3	7.537	6.708	289825	606891	95.422	225.804 #
29)	L6 AR-1254-4	7.830	6.931	200331	79404	86.600	53.181 #
30)	L6 AR-1254-5	8.258	7.357	1690619	1092570	698.665	451.218 #
31)	L7 AR-1260-1	7.704	6.826	1122069	805016	512.514	469.336
32)	L7 AR-1260-2	7.968	7.024	1578283	969331	540.018	479.722
33)	L7 AR-1260-3	8.334	7.178	1331165	948152	520.112	477.945
34)	L7 AR-1260-4	8.562	7.658	1243553	797250	509.015	473.905
35)	L7 AR-1260-5	8.876	7.907	2954946	1916406	548.944	498.062
36)	L8 AR-1262-1	8.334	7.357	1331165	1092570	350.150	877.252 #
37)	L8 AR-1262-2	8.876	7.907	2954946	1916406	471.968	435.788
38)	L8 AR-1262-3	9.184f	8.190	1684244	440120	410.849	233.639 #
39)	L8 AR-1262-4	0.000	8.254	0	1427267	N.D.	418.350 #
40)	L8 AR-1262-5	9.870	8.752	875590	534160	425.437	346.587
41)	L9 AR-1268-1	9.184f	8.190	1684244	440120	223.622	85.070 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021621\
 Data File : PP033351.D
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 Acq On : 16 Feb 2021 9:19
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

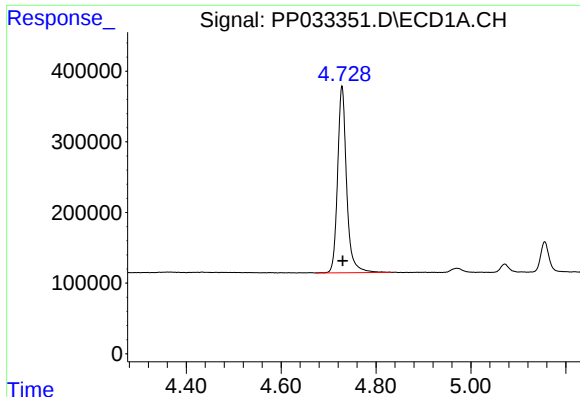
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 00:39:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
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 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	0.000	8.254	0	1427267	N.D.	290.180 #
43) L9	AR-1268-3	9.462	8.457	40102	25762	6.534	5.893
44) L9	AR-1268-4	9.870	8.752	875590	534160	403.369	321.474
45) L9	AR-1268-5	10.249	9.029	231148	150992	14.120	11.810

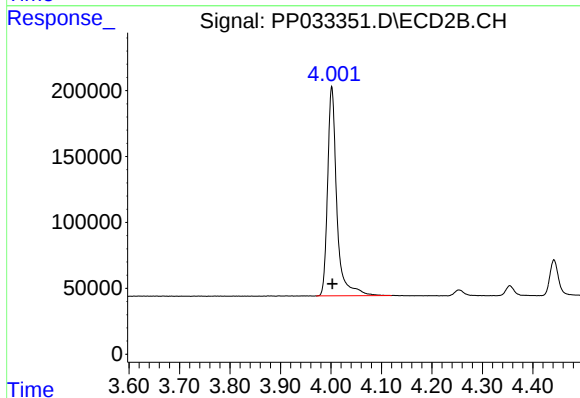
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

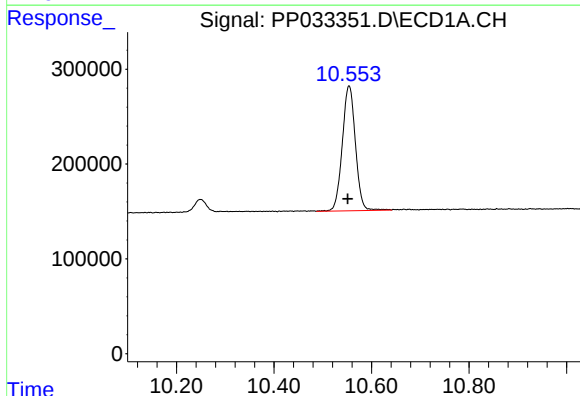
R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 3498773
Conc: 57.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



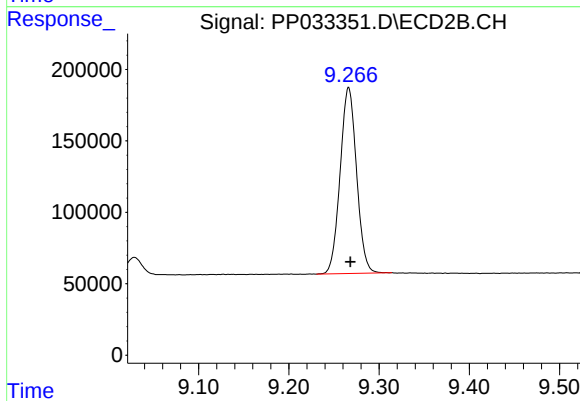
#1 Tetrachloro-m-xylene

R.T.: 4.002 min
Delta R.T.: -0.001 min
Response: 2025170
Conc: 49.53 ng/ml



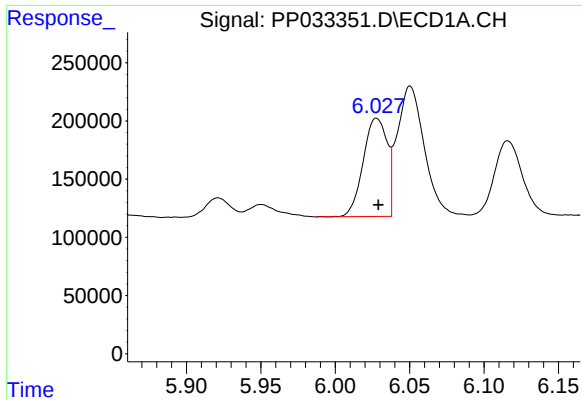
#2 Decachlorobiphenyl

R.T.: 10.554 min
Delta R.T.: 0.003 min
Response: 2461164
Conc: 56.50 ng/ml



#2 Decachlorobiphenyl

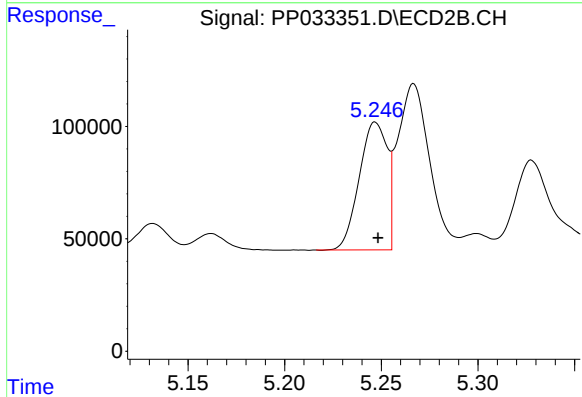
R.T.: 9.266 min
Delta R.T.: -0.002 min
Response: 1647484
Conc: 49.18 ng/ml



#3 AR-1016-1

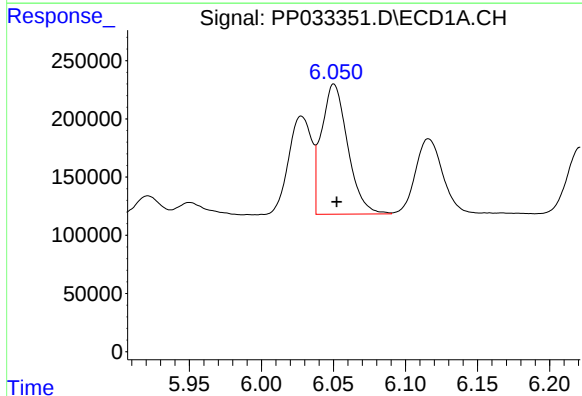
R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 945341
Conc: 576.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



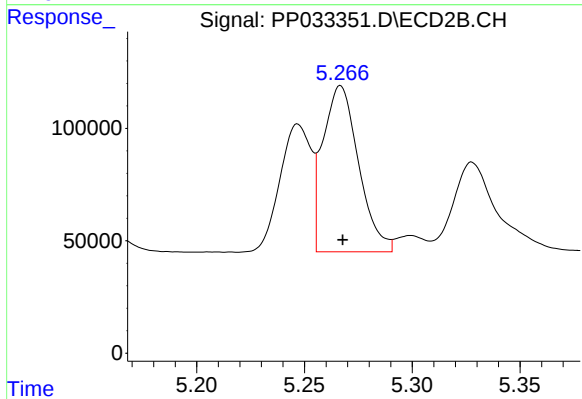
#3 AR-1016-1

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 572930
Conc: 522.02 ng/ml



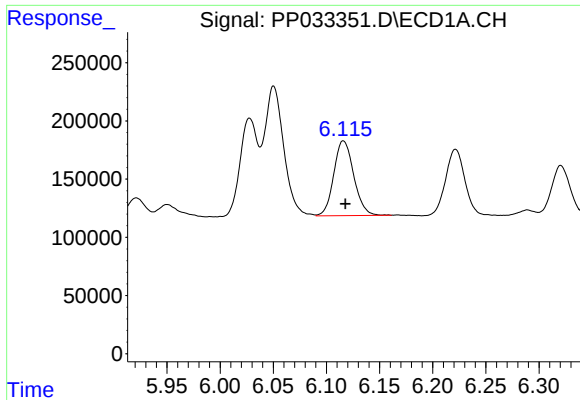
#4 AR-1016-2

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 1417832
Conc: 566.18 ng/ml



#4 AR-1016-2

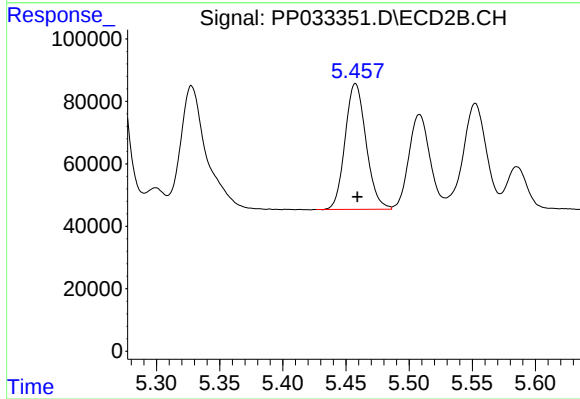
R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 851433
Conc: 521.73 ng/ml



#5 AR-1016-3

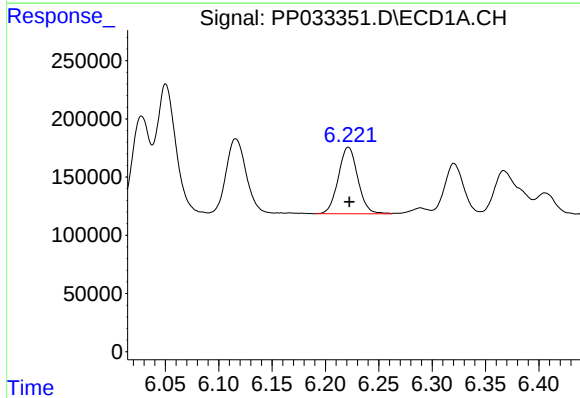
R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 839579
Conc: 529.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



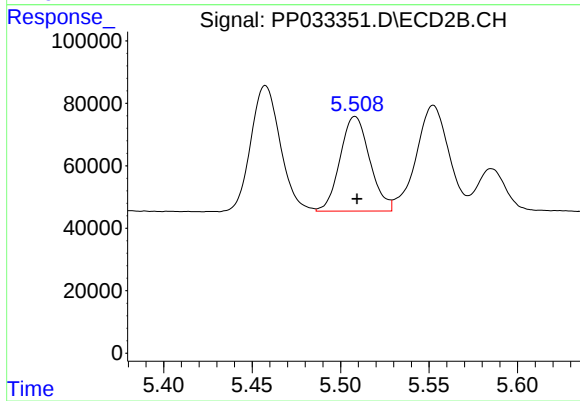
#5 AR-1016-3

R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 465933
Conc: 522.71 ng/ml



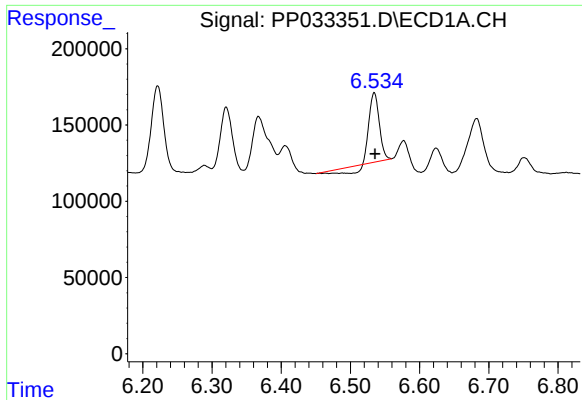
#6 AR-1016-4

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 728693
Conc: 549.80 ng/ml



#6 AR-1016-4

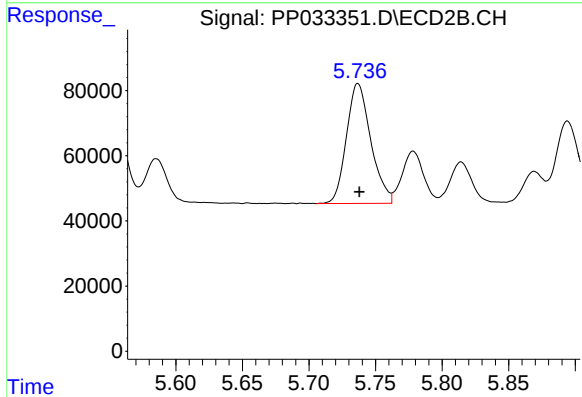
R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 354748
Conc: 492.61 ng/ml



#7 AR-1016-5

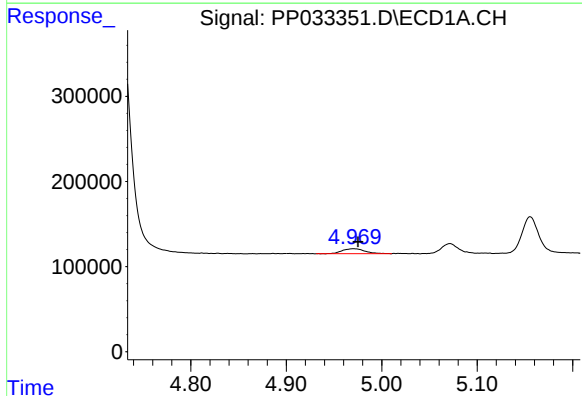
R.T.: 6.534 min
Delta R.T.: -0.001 min
Response: 376862
Conc: 287.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



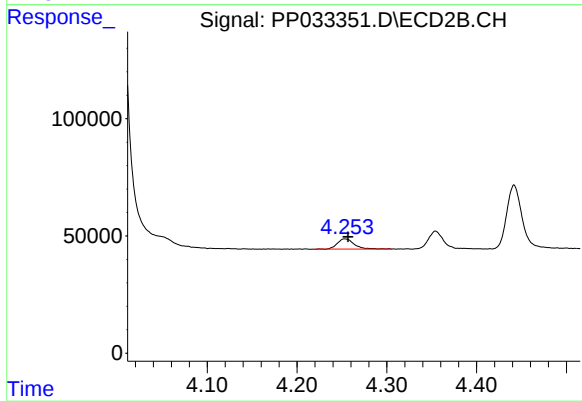
#7 AR-1016-5

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 469793
Conc: 499.22 ng/ml



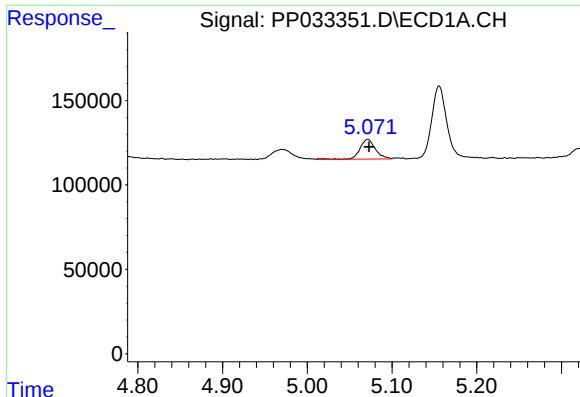
#8 AR-1221-1

R.T.: 4.970 min
Delta R.T.: -0.005 min
Response: 97853
Conc: 158.62 ng/ml



#8 AR-1221-1

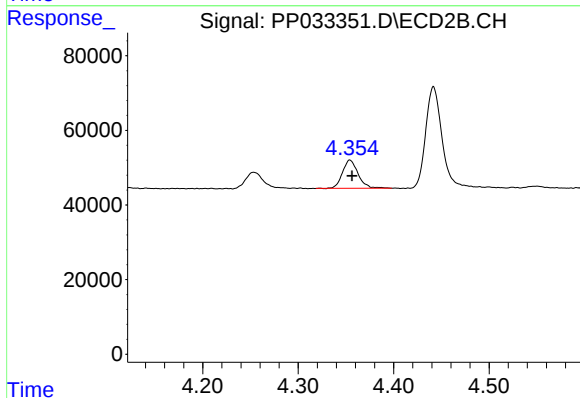
R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 56680
Conc: 136.03 ng/ml



#9 AR-1221-2

R.T.: 5.071 min
Delta R.T.: -0.002 min
Response: 149288
Conc: 320.91 ng/ml

Instrument :
ECD_P
ClientSampleId :

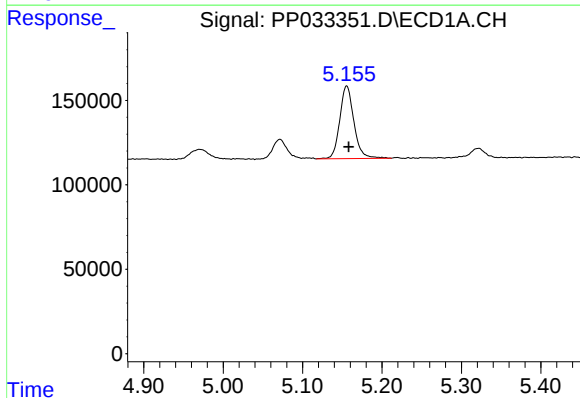


#9 AR-1221-2

R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 85466
Conc: 270.46 ng/ml

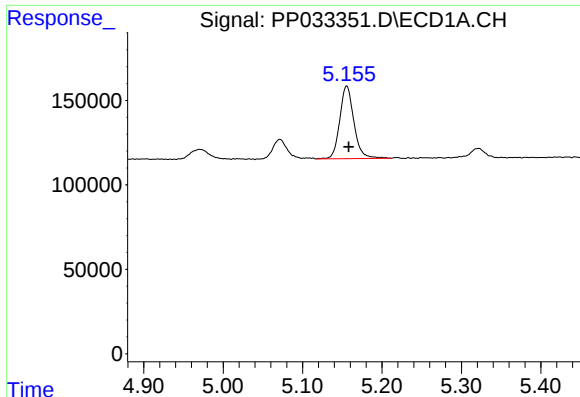
#10 AR-1221-3

R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 532097
Conc: 377.23 ng/ml



#10 AR-1221-3

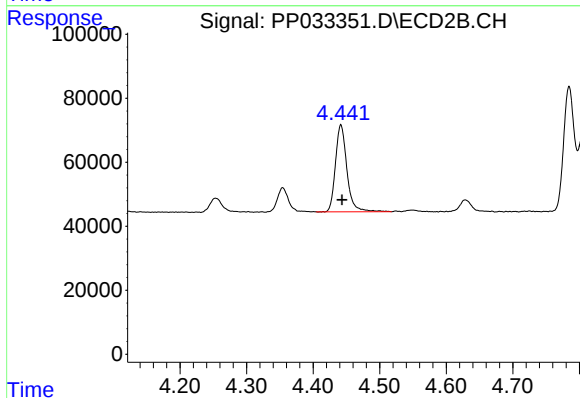
R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 325064
Conc: 330.09 ng/ml



#11 AR-1232-1

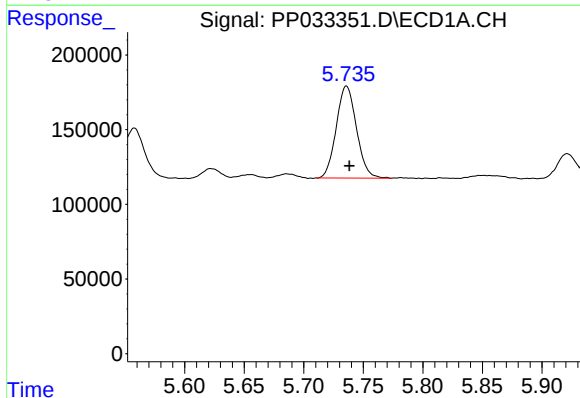
R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 532097
Conc: 458.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



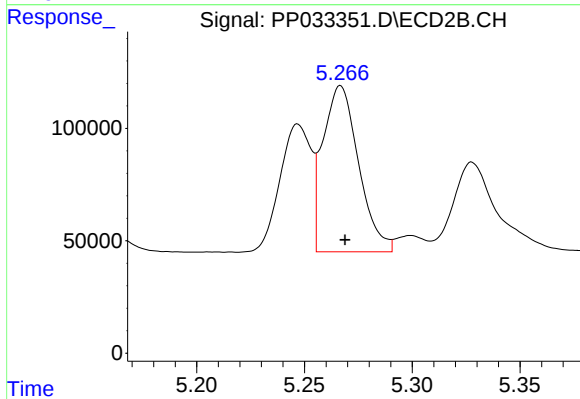
#11 AR-1232-1

R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 325064
Conc: 410.18 ng/ml



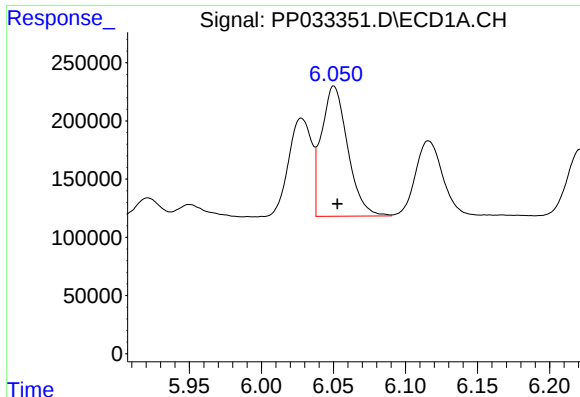
#12 AR-1232-2

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 728283
Conc: 1140.68 ng/ml



#12 AR-1232-2

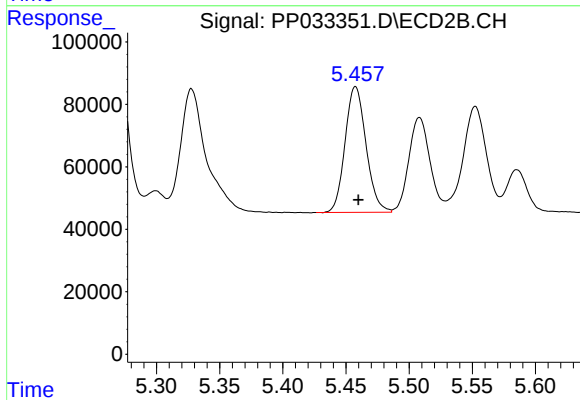
R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 851433
Conc: 1151.66 ng/ml



#13 AR-1232-3

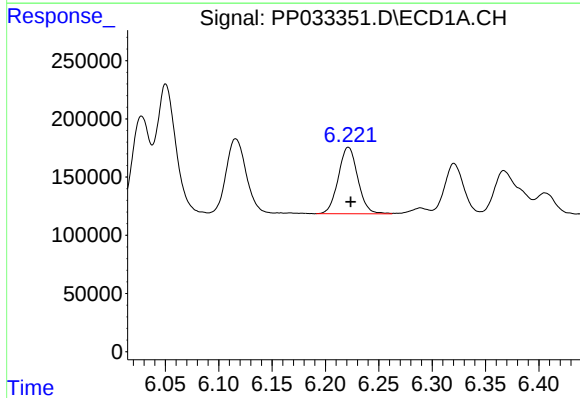
R.T.: 6.050 min
Delta R.T.: -0.003 min
Response: 1417832
Conc: 1292.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



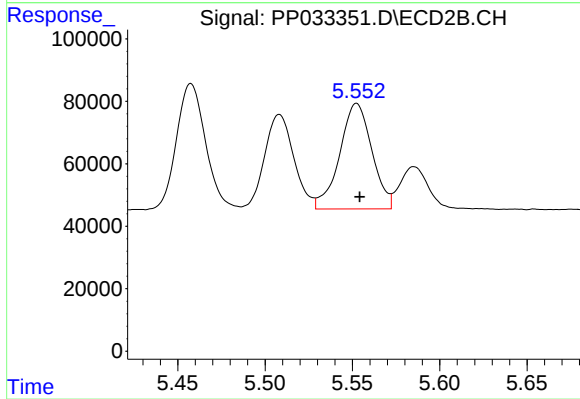
#13 AR-1232-3

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 465933
Conc: 1174.75 ng/ml



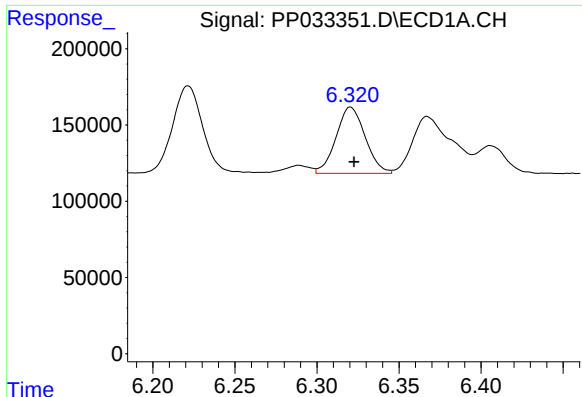
#14 AR-1232-4

R.T.: 6.221 min
Delta R.T.: -0.002 min
Response: 728693
Conc: 1269.57 ng/ml



#14 AR-1232-4

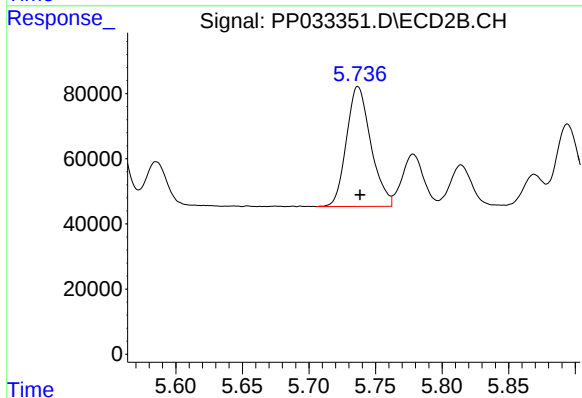
R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 434897
Conc: 1240.61 ng/ml



#15 AR-1232-5

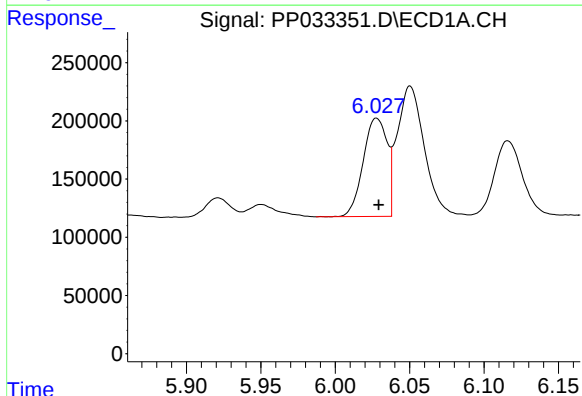
R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 537463
Conc: 1470.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



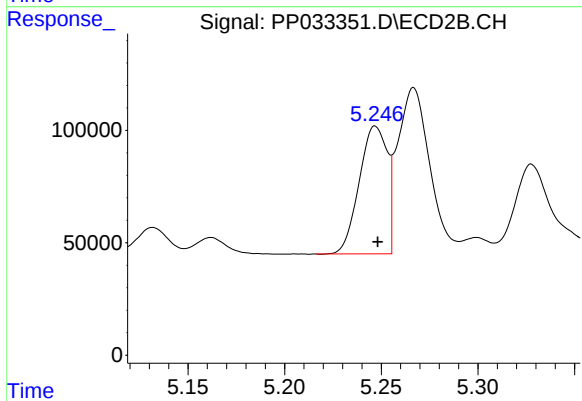
#15 AR-1232-5

R.T.: 5.737 min
Delta R.T.: -0.001 min
Response: 469793
Conc: 1236.14 ng/ml



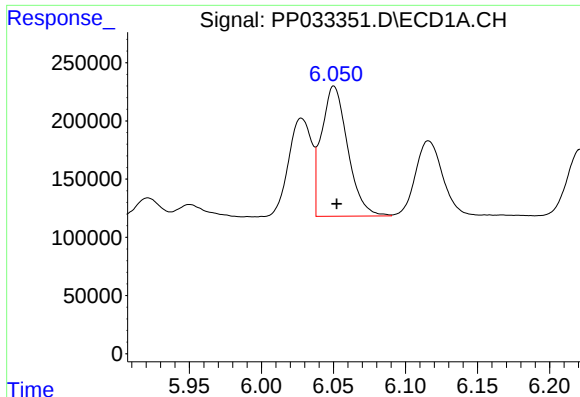
#16 AR-1242-1

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 945341
Conc: 727.24 ng/ml



#16 AR-1242-1

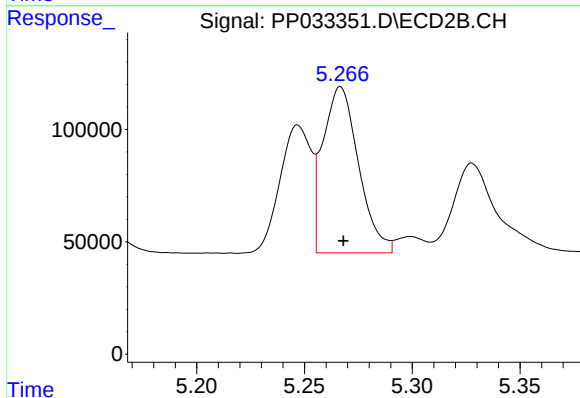
R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 572930
Conc: 661.94 ng/ml



#17 AR-1242-2

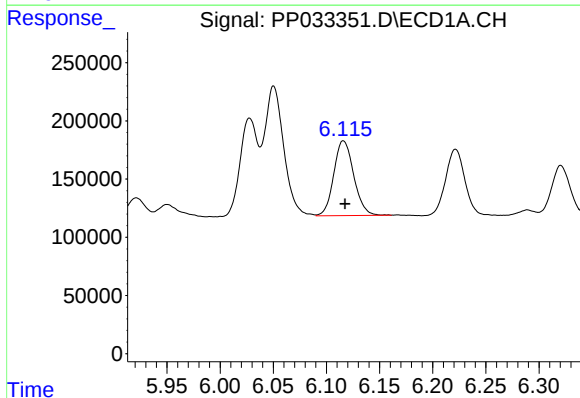
R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 1417832
Conc: 719.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



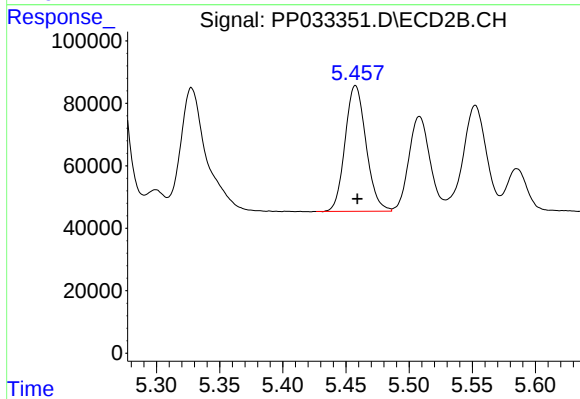
#17 AR-1242-2

R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 851433
Conc: 663.44 ng/ml



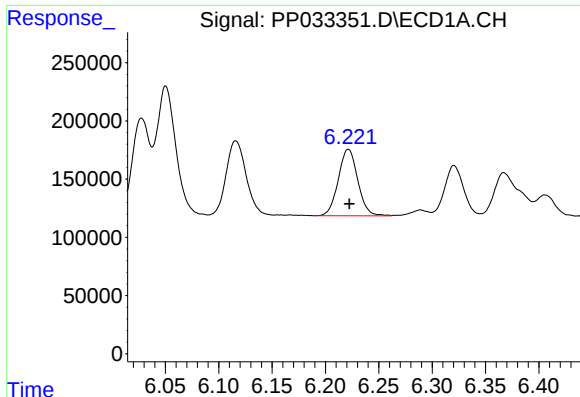
#18 AR-1242-3

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 839579
Conc: 662.43 ng/ml



#18 AR-1242-3

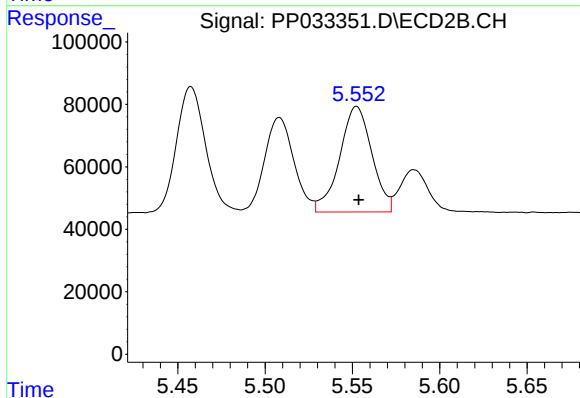
R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 465933
Conc: 662.86 ng/ml



#19 AR-1242-4

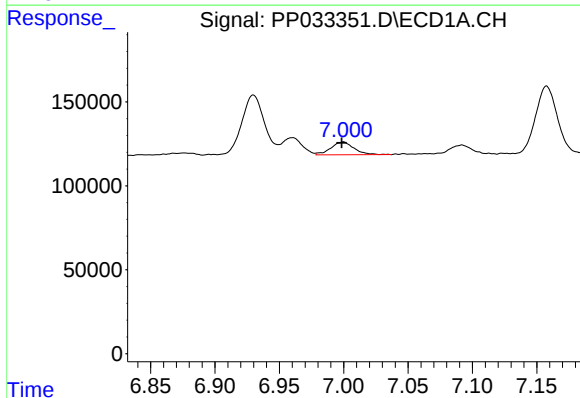
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 728693
Conc: 663.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



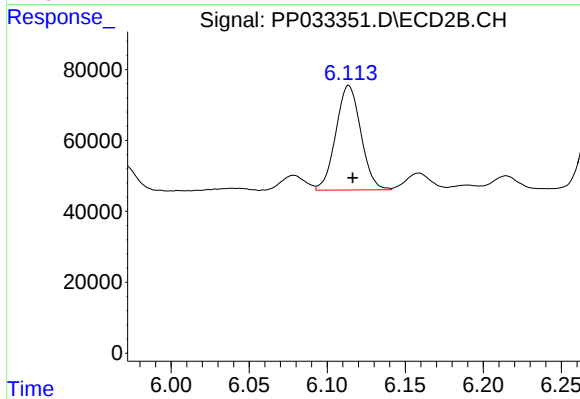
#19 AR-1242-4

R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 434897
Conc: 624.39 ng/ml



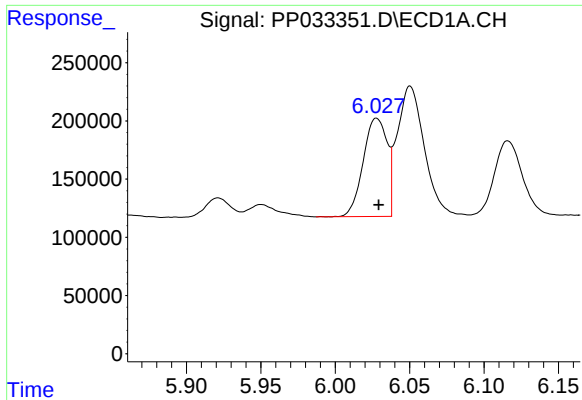
#20 AR-1242-5

R.T.: 7.000 min
Delta R.T.: 0.001 min
Response: 95593
Conc: 92.01 ng/ml



#20 AR-1242-5

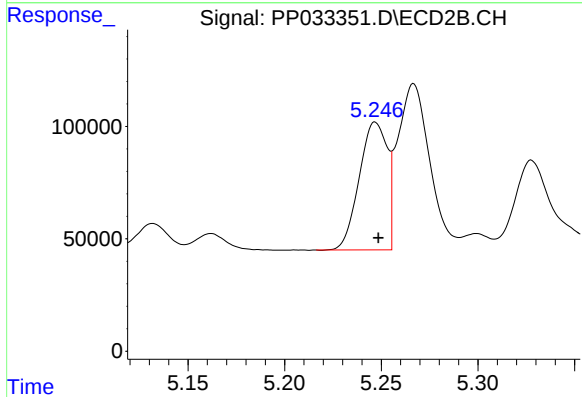
R.T.: 6.114 min
Delta R.T.: -0.002 min
Response: 328652
Conc: 389.23 ng/ml



#21 AR-1248-1

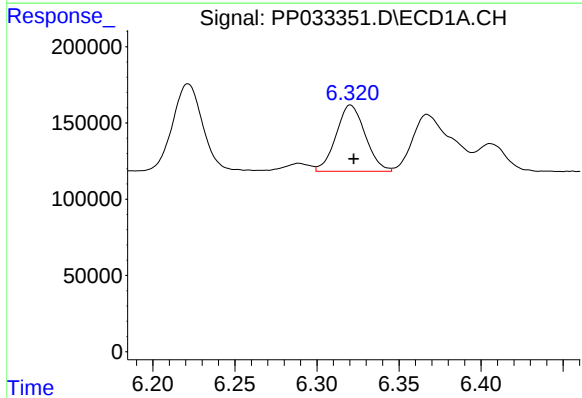
R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 945341
Conc: 987.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



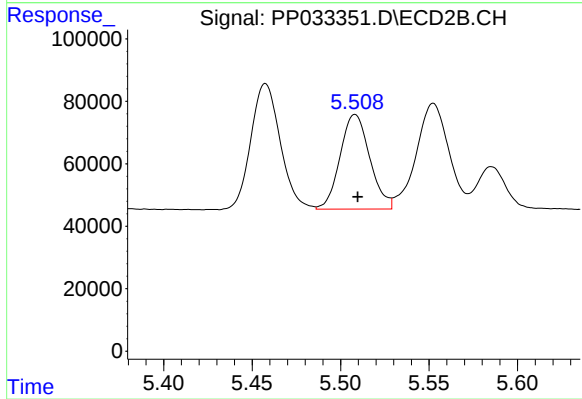
#21 AR-1248-1

R.T.: 5.247 min
Delta R.T.: -0.002 min
Response: 572930
Conc: 880.97 ng/ml



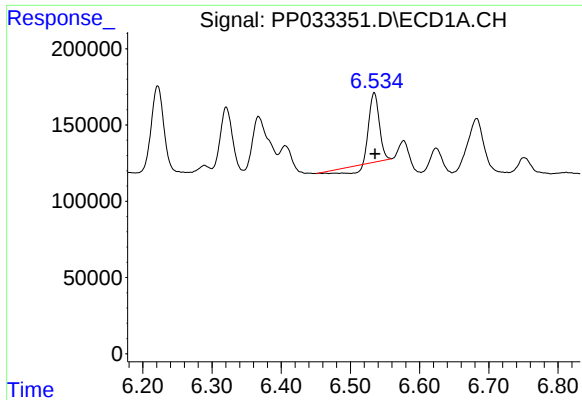
#22 AR-1248-2

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 537463
Conc: 405.61 ng/ml



#22 AR-1248-2

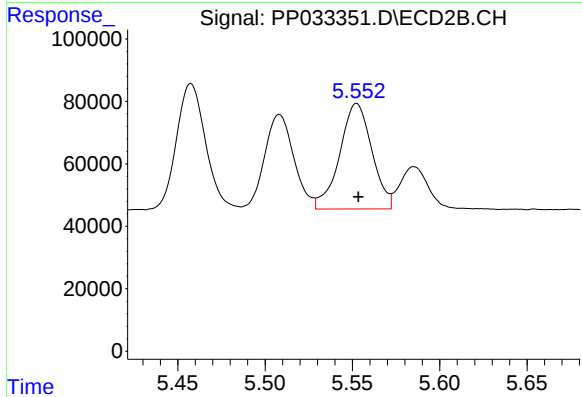
R.T.: 5.508 min
Delta R.T.: -0.002 min
Response: 354748
Conc: 369.78 ng/ml



#23 AR-1248-3

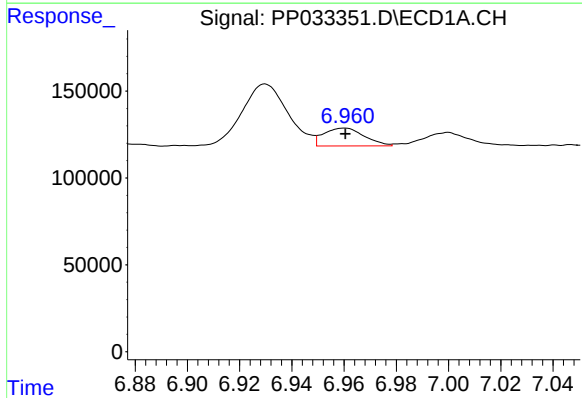
R.T.: 6.534 min
Delta R.T.: -0.001 min
Response: 376862
Conc: 232.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



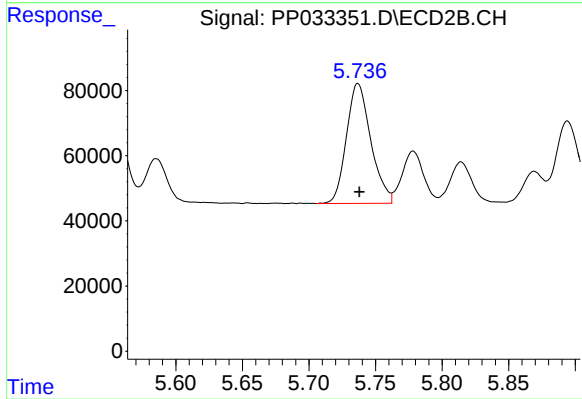
#23 AR-1248-3

R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 434897
Conc: 427.73 ng/ml



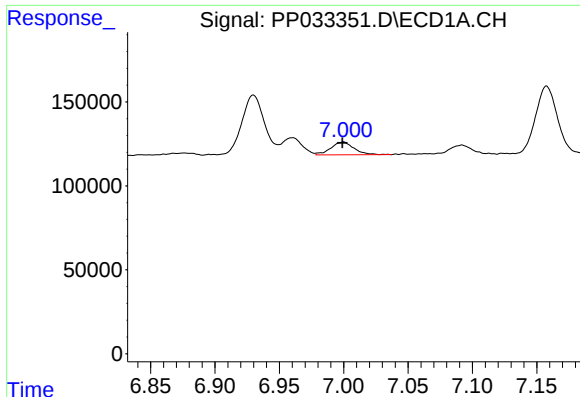
#24 AR-1248-4

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 111571
Conc: 64.84 ng/ml



#24 AR-1248-4

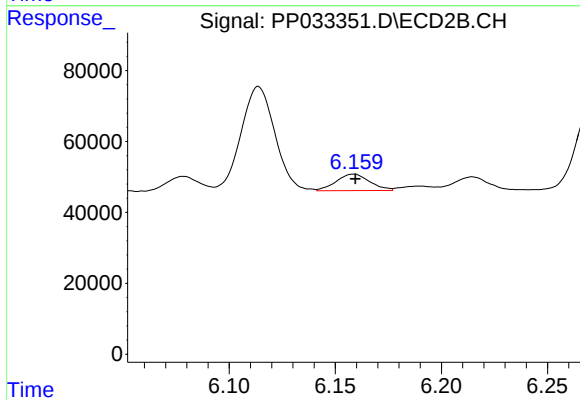
R.T.: 5.737 min
Delta R.T.: -0.001 min
Response: 469793
Conc: 379.09 ng/ml



#25 AR-1248-5

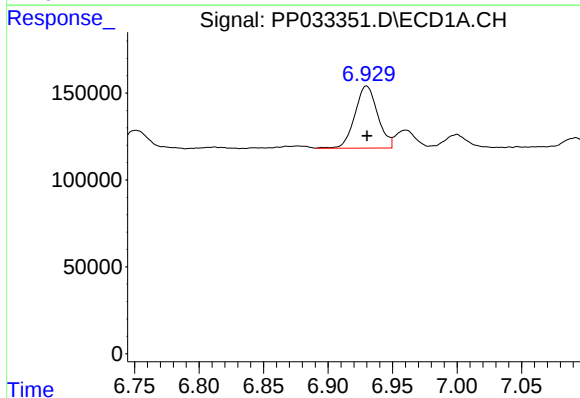
R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 95593
Conc: 54.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



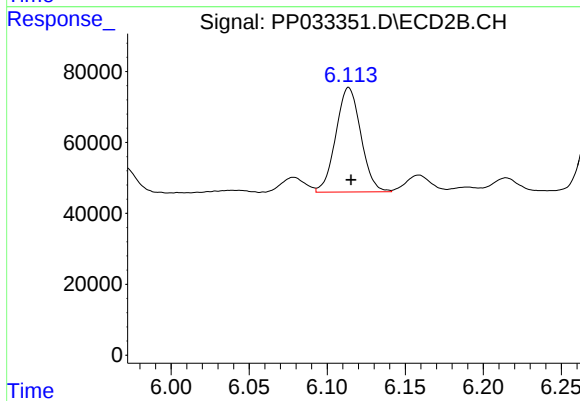
#25 AR-1248-5

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 51002
Conc: 45.16 ng/ml



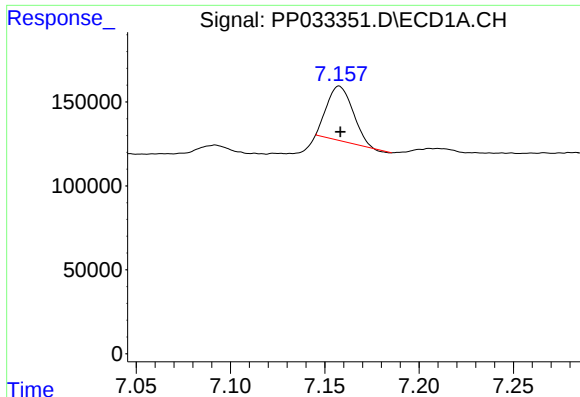
#26 AR-1254-1

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 439903
Conc: 234.30 ng/ml



#26 AR-1254-1

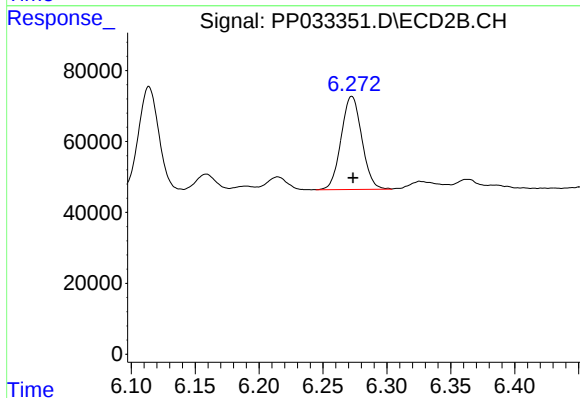
R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 328652
Conc: 171.97 ng/ml



#27 AR-1254-2

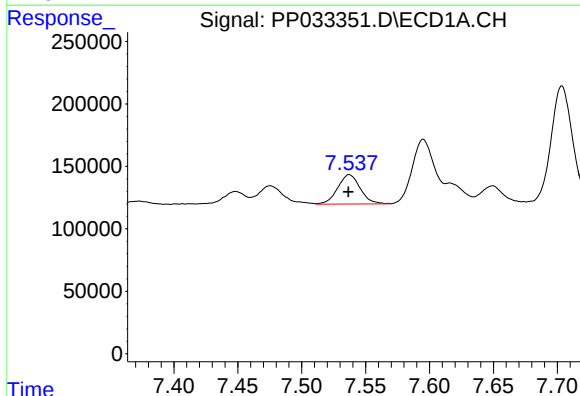
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 308129
Conc: 105.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



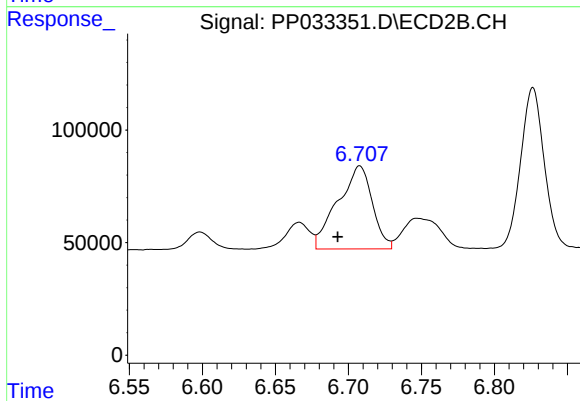
#27 AR-1254-2

R.T.: 6.273 min
Delta R.T.: -0.001 min
Response: 295817
Conc: 180.42 ng/ml



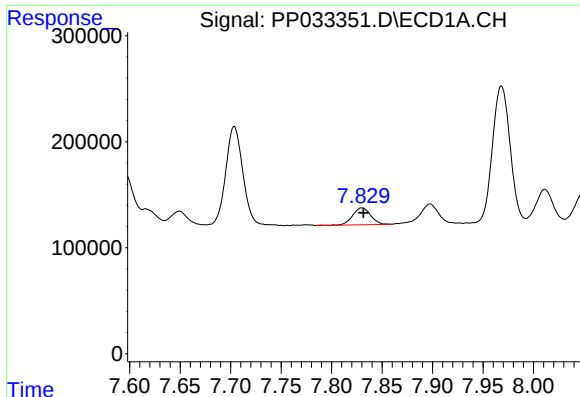
#28 AR-1254-3

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 289825
Conc: 95.42 ng/ml



#28 AR-1254-3

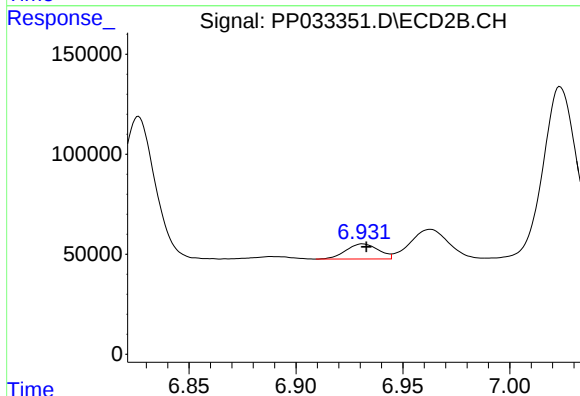
R.T.: 6.708 min
Delta R.T.: 0.015 min
Response: 606891
Conc: 225.80 ng/ml



#29 AR-1254-4

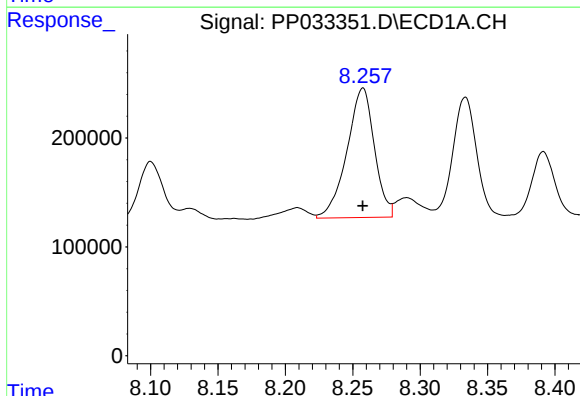
R.T.: 7.830 min
Delta R.T.: -0.002 min
Response: 200331
Conc: 86.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



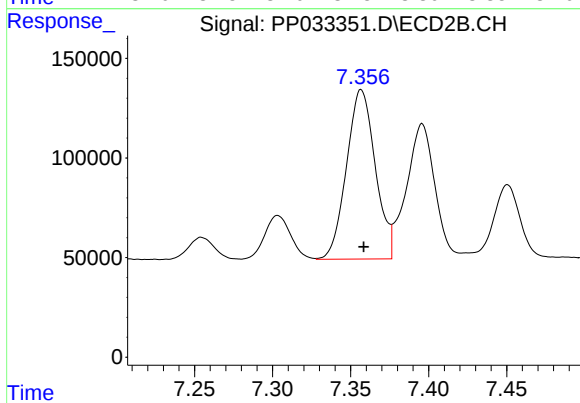
#29 AR-1254-4

R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 79404
Conc: 53.18 ng/ml



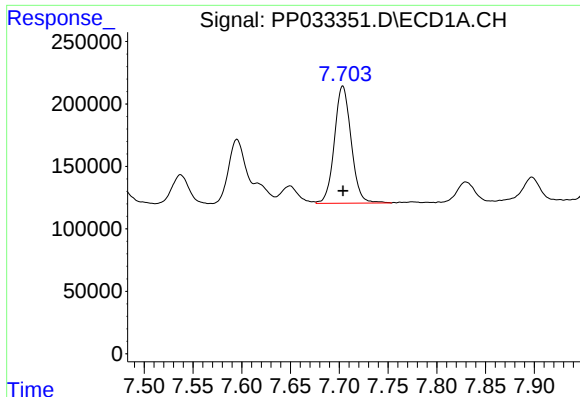
#30 AR-1254-5

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 1690619
Conc: 698.67 ng/ml



#30 AR-1254-5

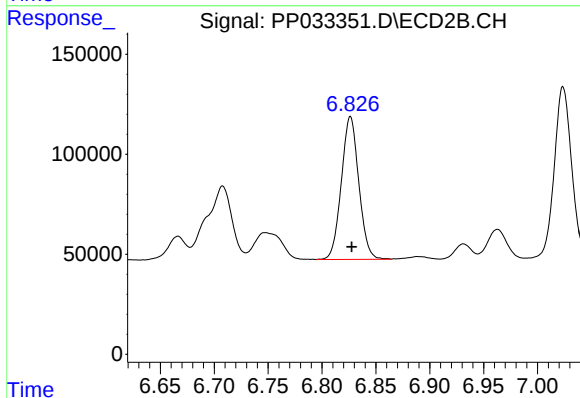
R.T.: 7.357 min
Delta R.T.: -0.002 min
Response: 1092570
Conc: 451.22 ng/ml



#31 AR-1260-1

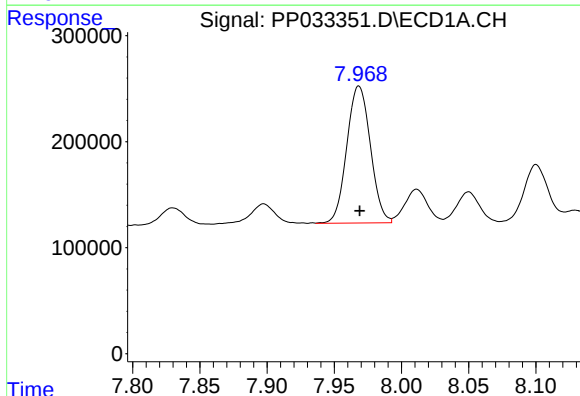
R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 1122069
Conc: 512.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



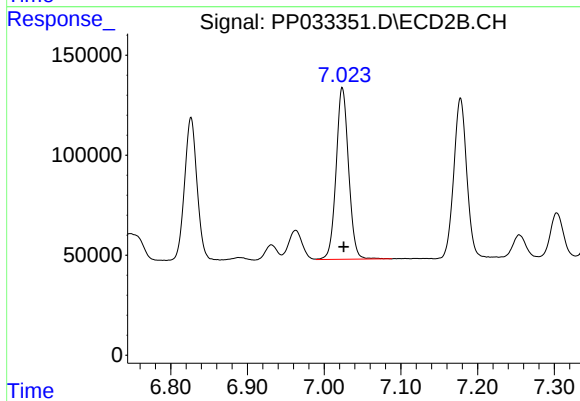
#31 AR-1260-1

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 805016
Conc: 469.34 ng/ml



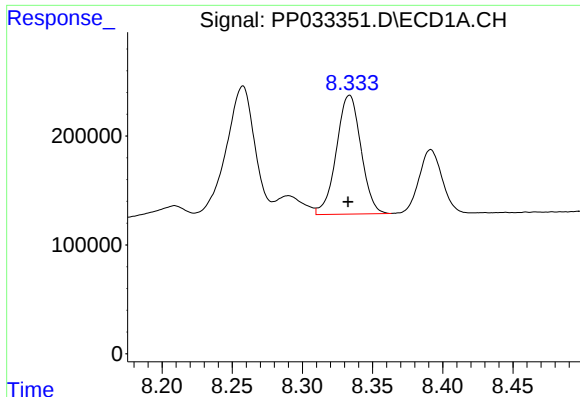
#32 AR-1260-2

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 1578283
Conc: 540.02 ng/ml



#32 AR-1260-2

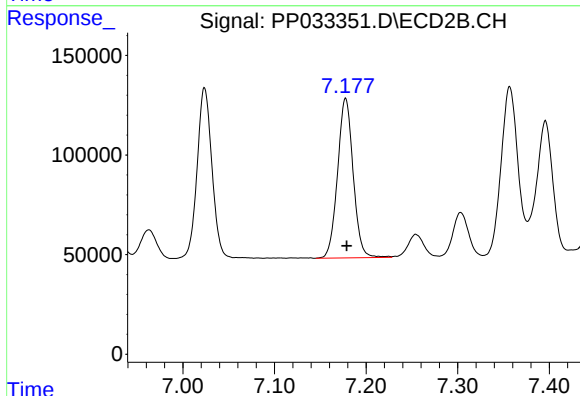
R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 969331
Conc: 479.72 ng/ml



#33 AR-1260-3

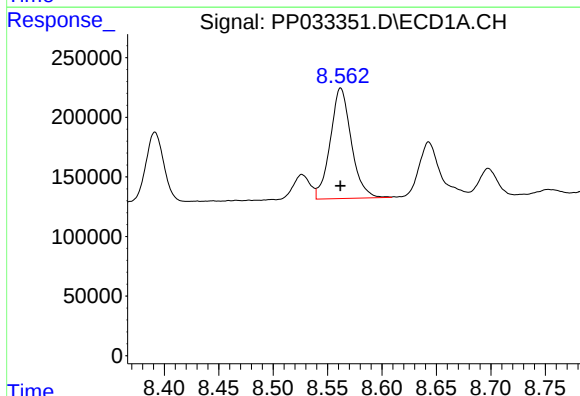
R.T.: 8.334 min
Delta R.T.: 0.001 min
Response: 1331165
Conc: 520.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



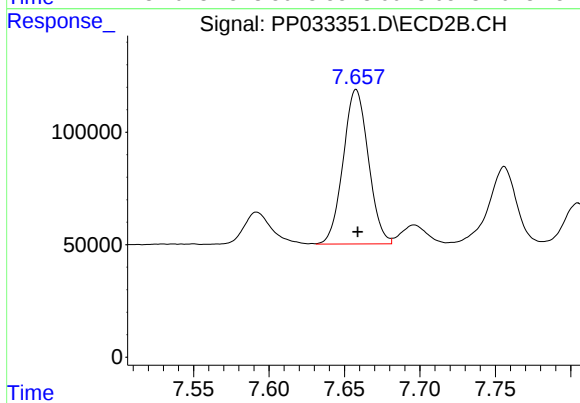
#33 AR-1260-3

R.T.: 7.178 min
Delta R.T.: -0.001 min
Response: 948152
Conc: 477.94 ng/ml



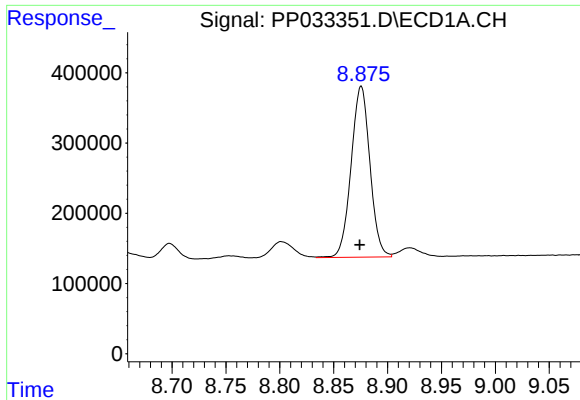
#34 AR-1260-4

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 1243553
Conc: 509.02 ng/ml



#34 AR-1260-4

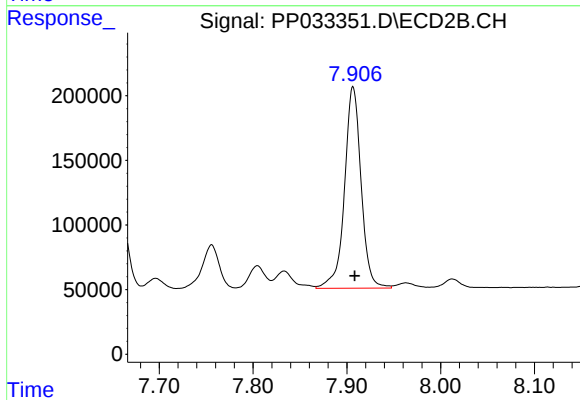
R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 797250
Conc: 473.91 ng/ml



#35 AR-1260-5

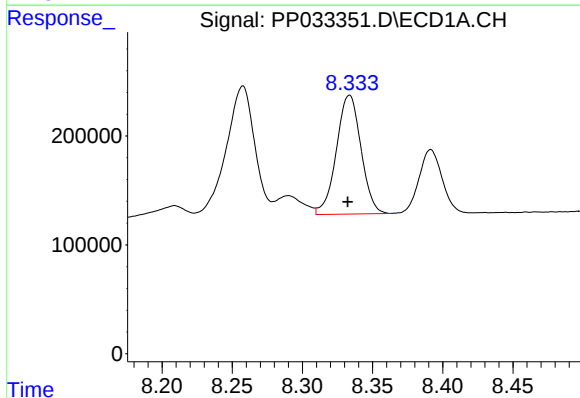
R.T.: 8.876 min
Delta R.T.: 0.001 min
Response: 2954946
Conc: 548.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



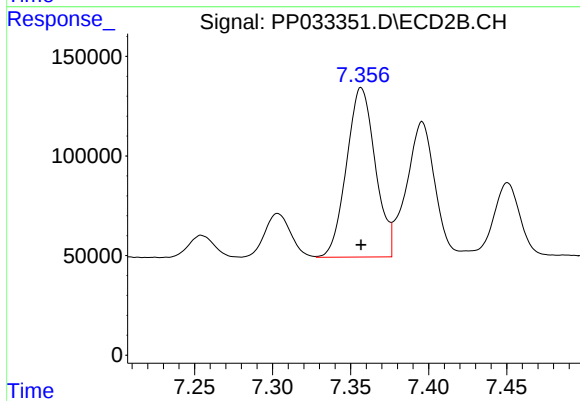
#35 AR-1260-5

R.T.: 7.907 min
Delta R.T.: -0.002 min
Response: 1916406
Conc: 498.06 ng/ml



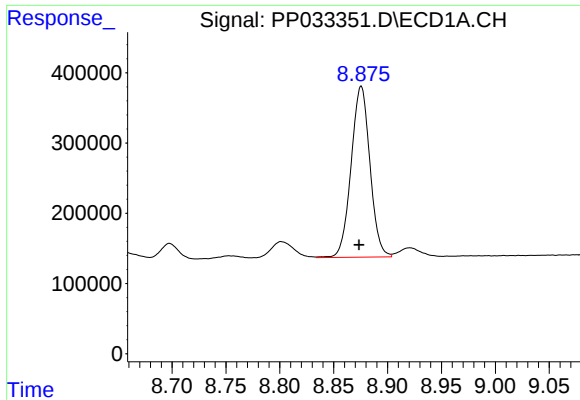
#36 AR-1262-1

R.T.: 8.334 min
Delta R.T.: 0.001 min
Response: 1331165
Conc: 350.15 ng/ml



#36 AR-1262-1

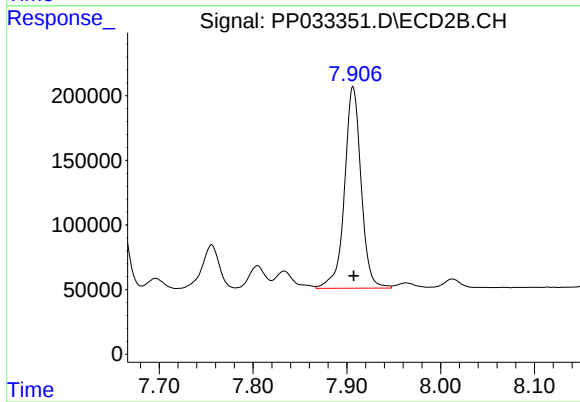
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 1092570
Conc: 877.25 ng/ml



#37 AR-1262-2

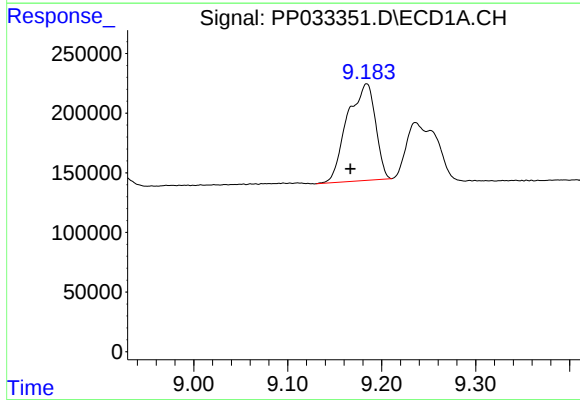
R.T.: 8.876 min
Delta R.T.: 0.002 min
Response: 2954946
Conc: 471.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



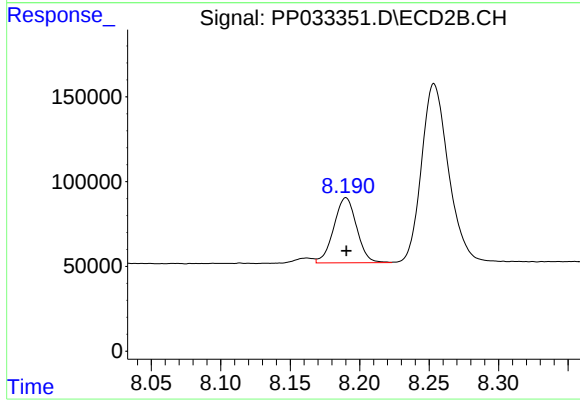
#37 AR-1262-2

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 1916406
Conc: 435.79 ng/ml



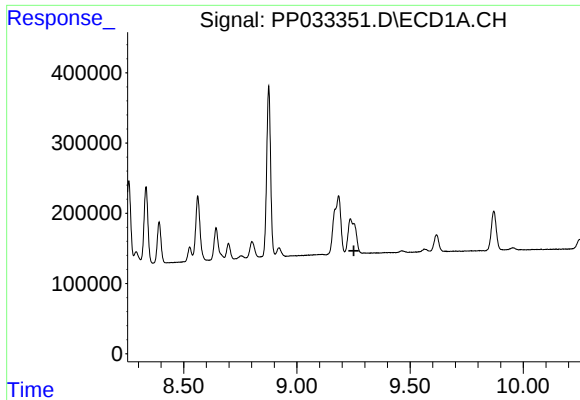
#38 AR-1262-3

R.T.: 9.184 min
Delta R.T.: 0.017 min
Response: 1684244
Conc: 410.85 ng/ml



#38 AR-1262-3

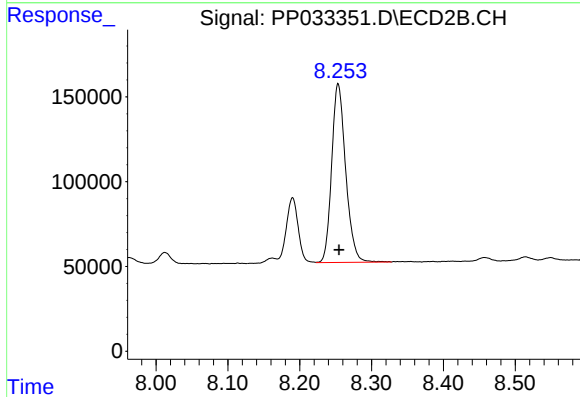
R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 440120
Conc: 233.64 ng/ml



#39 AR-1262-4

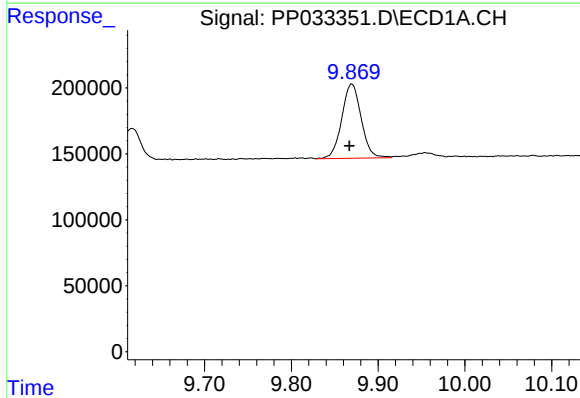
R.T.: 0.000 min
Exp R.T.: 9.252 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



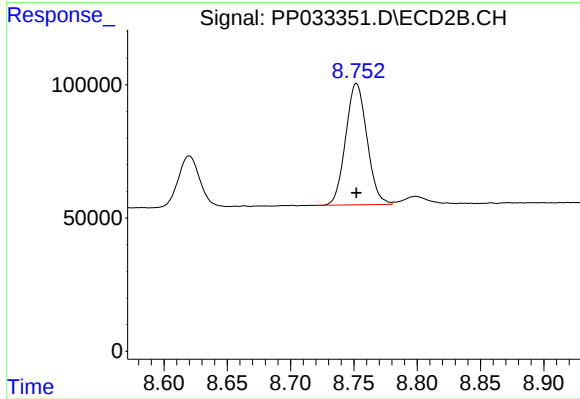
#39 AR-1262-4

R.T.: 8.254 min
Delta R.T.: -0.001 min
Response: 1427267
Conc: 418.35 ng/ml



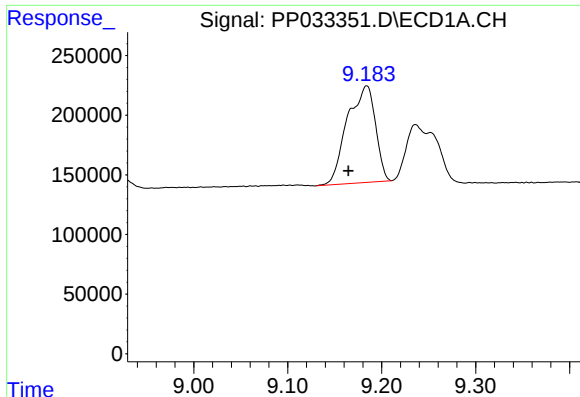
#40 AR-1262-5

R.T.: 9.870 min
Delta R.T.: 0.003 min
Response: 875590
Conc: 425.44 ng/ml



#40 AR-1262-5

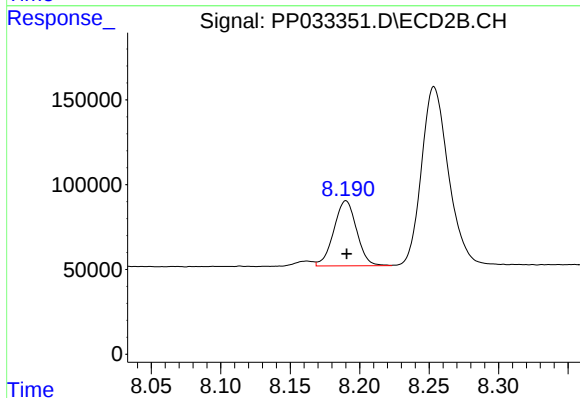
R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 534160
Conc: 346.59 ng/ml



#41 AR-1268-1

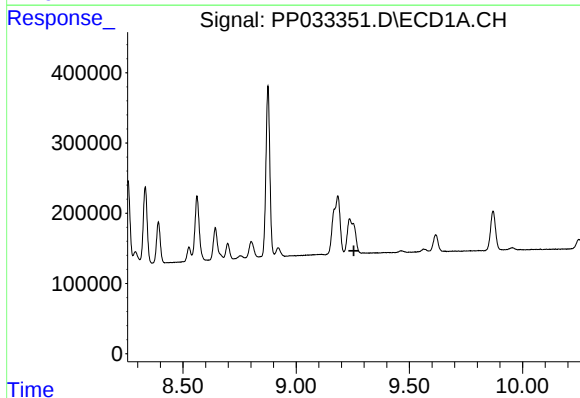
R.T.: 9.184 min
Delta R.T.: 0.019 min
Response: 1684244
Conc: 223.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



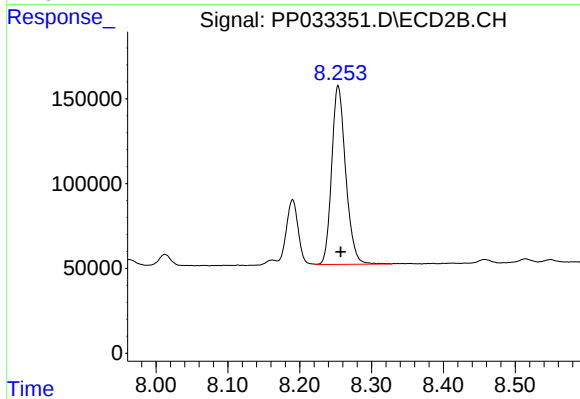
#41 AR-1268-1

R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 440120
Conc: 85.07 ng/ml



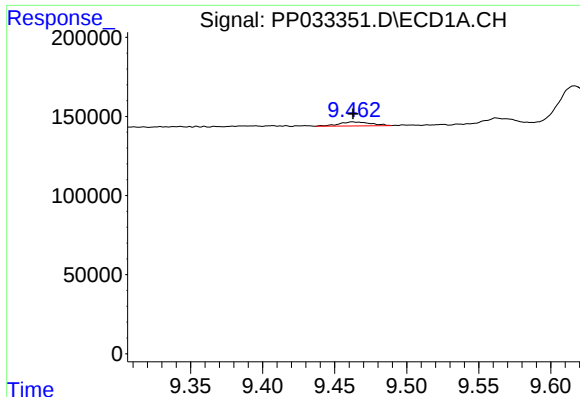
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.255 min
Response: 0
Conc: N.D.



#42 AR-1268-2

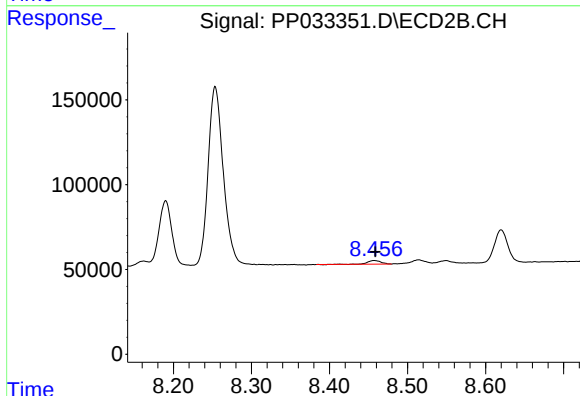
R.T.: 8.254 min
Delta R.T.: -0.003 min
Response: 1427267
Conc: 290.18 ng/ml



#43 AR-1268-3

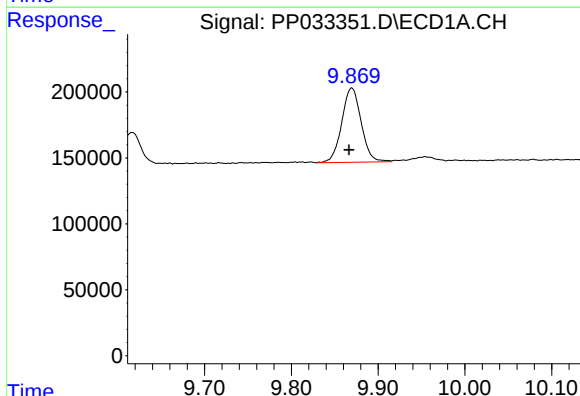
R.T.: 9.462 min
Delta R.T.: 0.000 min
Response: 40102
Conc: 6.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



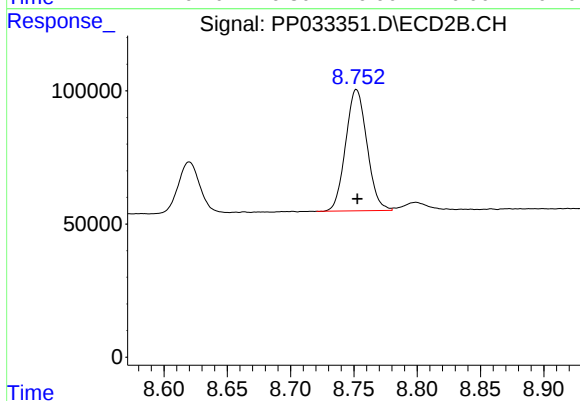
#43 AR-1268-3

R.T.: 8.457 min
Delta R.T.: -0.002 min
Response: 25762
Conc: 5.89 ng/ml



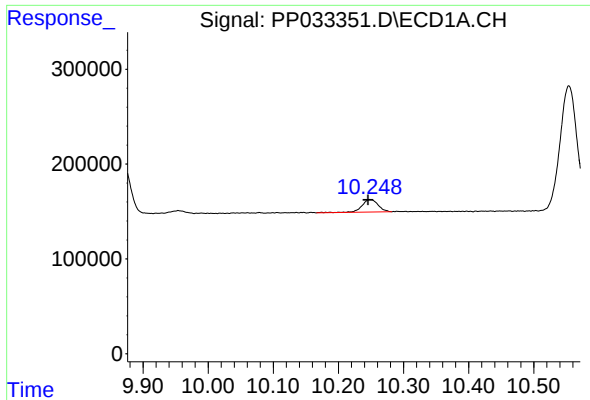
#44 AR-1268-4

R.T.: 9.870 min
Delta R.T.: 0.003 min
Response: 875590
Conc: 403.37 ng/ml



#44 AR-1268-4

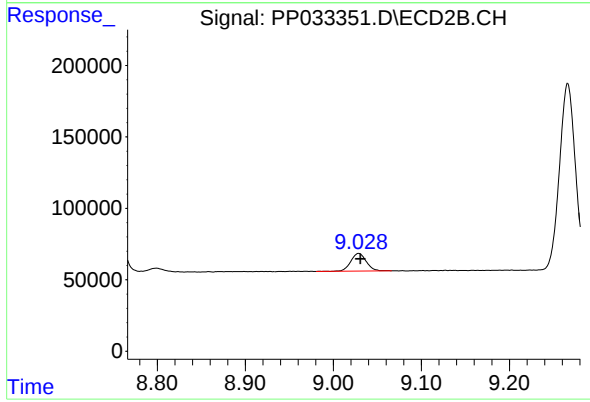
R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 534160
Conc: 321.47 ng/ml



#45 AR-1268-5

R.T.: 10.249 min
Delta R.T.: 0.004 min
Response: 231148
Conc: 14.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 150992
Conc: 11.81 ng/ml