

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022221\
 Data File : PP033520.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Feb 2021 16:26
 Operator : DD\AJ
 Sample : M1452-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 17:01:03 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...	4.720	3.991	1675054	968737	22.758	21.997
2)	SA Decachlor...	10.539	9.254	1073401	810715	23.079	25.658
Target Compounds							
3)	L1 AR-1016-1	6.020	5.236	1002036	643888	523.535	548.176
4)	L1 AR-1016-2	6.043	5.255	1549714	938431	528.027	525.860
5)	L1 AR-1016-3	6.108	5.447	935786	523596	534.655	543.692
6)	L1 AR-1016-4	6.214	5.497	825061	393970	553.720	526.787
7)	L1 AR-1016-5	6.527	5.725	734293	515294	526.572	534.546
8)	L2 AR-1221-1	4.963	4.243	144472	60502	214.361	145.722 #
9)	L2 AR-1221-2	5.064	4.344	123034	89351	241.864	293.245
10)	L2 AR-1221-3	5.148	4.431	556386	355376	355.599	361.142
11)	L3 AR-1232-1	5.148	4.431	556386	355376	418.911	435.731
12)	L3 AR-1232-2	5.728	5.255	840154	938431	1302.444	1229.147
13)	L3 AR-1232-3	6.043	5.447	1549714	523596	1270.442	1296.150
14)	L3 AR-1232-4	6.214	5.541	825061	488564	1340.511	1428.419
15)	L3 AR-1232-5	6.313	5.725	568457	515294	1447.887	1340.190
16)	L4 AR-1242-1	6.020	5.236	1002036	643888	685.856	708.004
17)	L4 AR-1242-2	6.043	5.255	1549714	938431	695.263	697.796
18)	L4 AR-1242-3	6.108	5.447	935786	523596	677.254	712.082
19)	L4 AR-1242-4	6.214	5.541	825061	488564	711.218	714.148
20)	L4 AR-1242-5	6.991	6.102	96266	404165	85.902	533.292 #
21)	L5 AR-1248-1	6.020	5.236	1002036	643888	906.781	935.824
22)	L5 AR-1248-2	6.313	5.497	568457	393970	372.345	397.806
23)	L5 AR-1248-3	6.527	5.541	734293	488564	406.842	463.901
24)	L5 AR-1248-4	6.951	5.725	107800	515294	56.940	405.418 #
25)	L5 AR-1248-5	6.991	6.147	96266	57355	52.219	50.975
26)	L6 AR-1254-1	6.922	6.102	518153	404165	265.803	221.980
27)	L6 AR-1254-2	7.150	6.261	565770	362509	182.824	232.942 #
28)	L6 AR-1254-3	7.529	6.696f	329058	684679	107.835	276.753 #
29)	L6 AR-1254-4	7.822	6.920	221448	66815	98.885	52.638 #
30)	L6 AR-1254-5	8.249	7.345	2008609	1244909	856.548	597.698 #
31)	L7 AR-1260-1	7.696	6.814	1311453	967314	572.440	560.276
32)	L7 AR-1260-2	7.960	7.012	1784571	1080141	560.557	548.997
33)	L7 AR-1260-3	8.325	7.166	1289796	1095503	444.478	543.693
34)	L7 AR-1260-4	8.553	7.646	1272828	778451	487.739	480.528
35)	L7 AR-1260-5	8.866	7.896	2779636	1770499	470.622	491.660
36)	L8 AR-1262-1	8.325	7.345	1289796	1244909	319.241	1116.665 #
37)	L8 AR-1262-2	8.866	7.896	2779636	1770499	452.563	477.277
38)	L8 AR-1262-3	9.176f	8.178	1629497	385339	387.131	225.009 #
39)	L8 AR-1262-4	9.227	8.242	935811	1338901	281.726	465.186 #
40)	L8 AR-1262-5	9.859	8.741	616517	404887	311.734	338.014
41)	L9 AR-1268-1	9.176f	8.178	1629497	385339	205.790	81.565 #

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 Sample : M1452-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

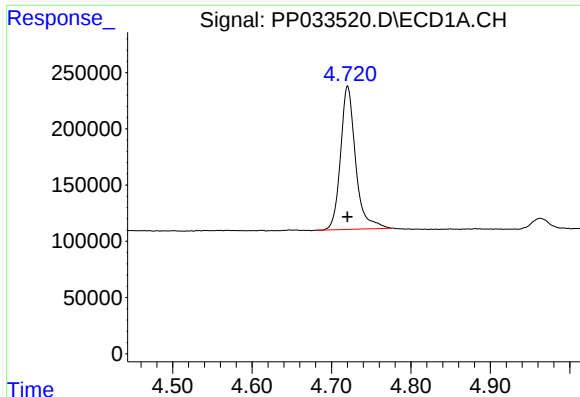
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.227f	8.242	935811	1338901	142.172	298.941 #
43) L9	AR-1268-3	9.455	8.446	64406	40692	9.908	9.971
44) L9	AR-1268-4	9.859	8.741	616517	404887	296.715	293.508
45) L9	AR-1268-5	10.236	9.017	201461	150213	12.118	13.227

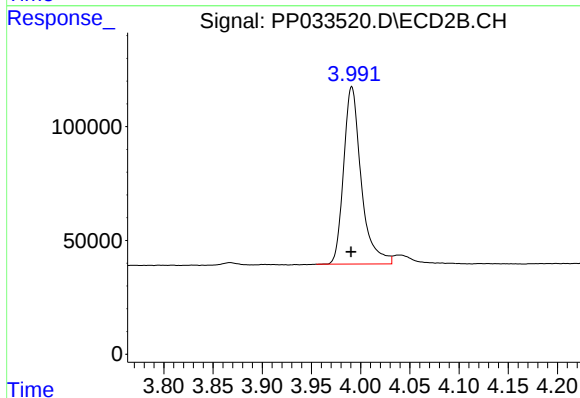
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

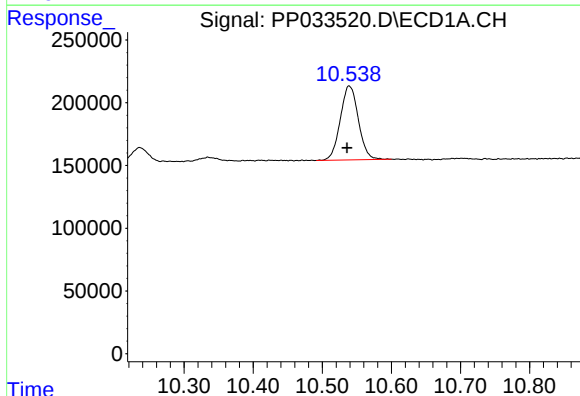
R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 1675054
Conc: 22.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



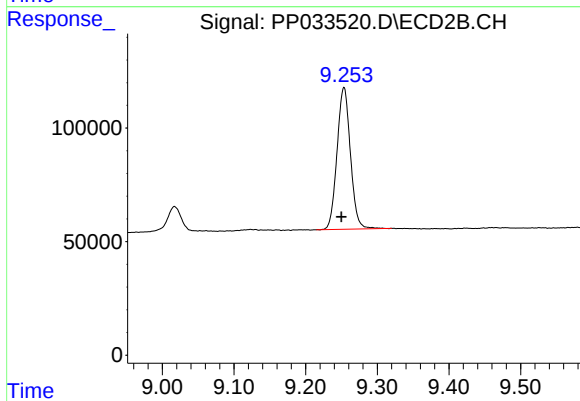
#1 Tetrachloro-m-xylene

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 968737
Conc: 22.00 ng/ml



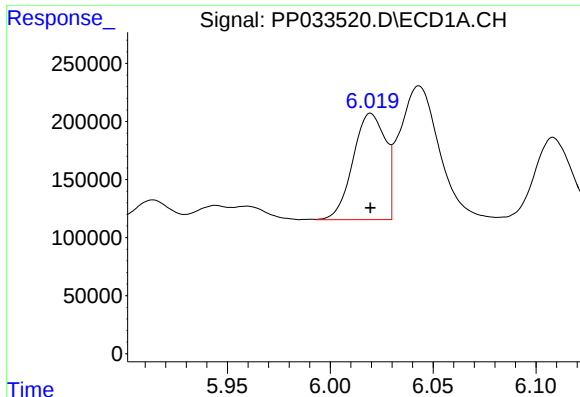
#2 Decachlorobiphenyl

R.T.: 10.539 min
Delta R.T.: 0.003 min
Response: 1073401
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

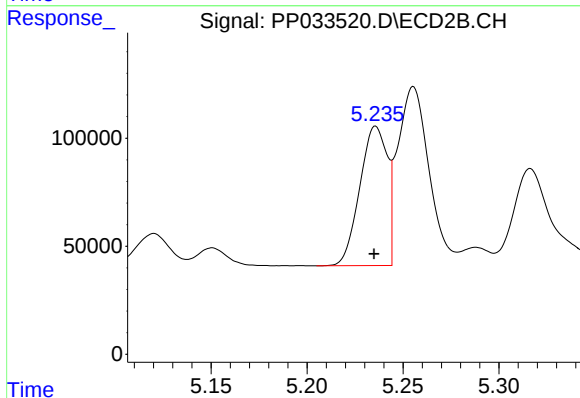
R.T.: 9.254 min
Delta R.T.: 0.004 min
Response: 810715
Conc: 25.66 ng/ml



#3 AR-1016-1

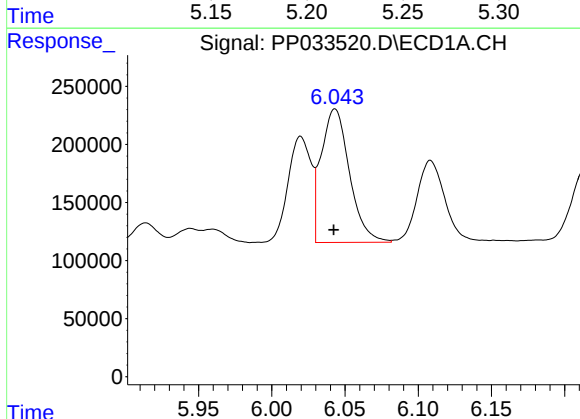
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 1002036
Conc: 523.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



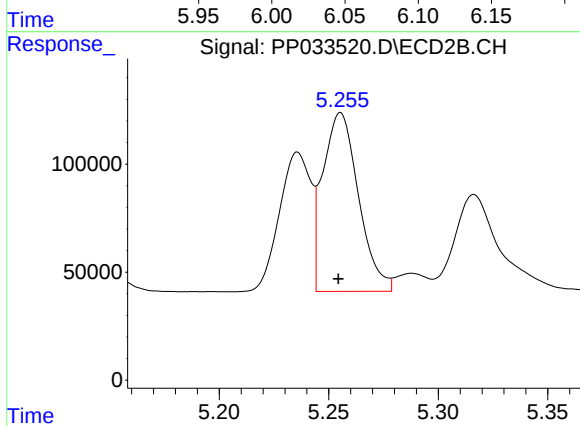
#3 AR-1016-1

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 643888
Conc: 548.18 ng/ml



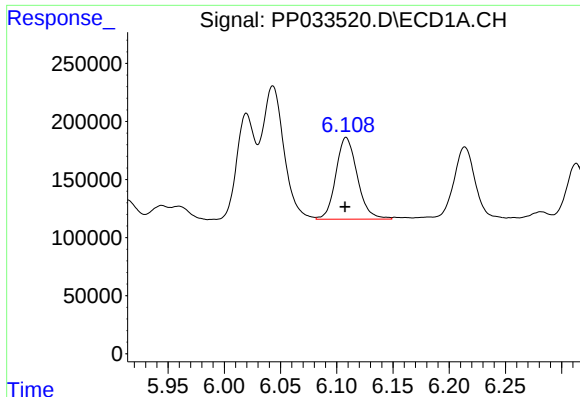
#4 AR-1016-2

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1549714
Conc: 528.03 ng/ml



#4 AR-1016-2

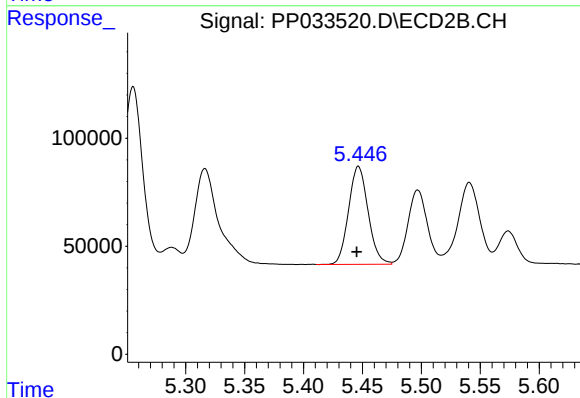
R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 938431
Conc: 525.86 ng/ml



#5 AR-1016-3

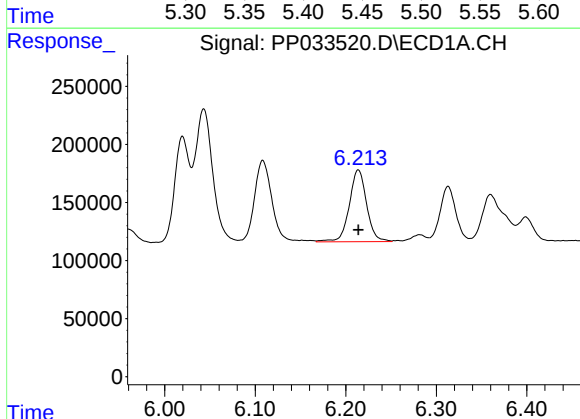
R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 935786
Conc: 534.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



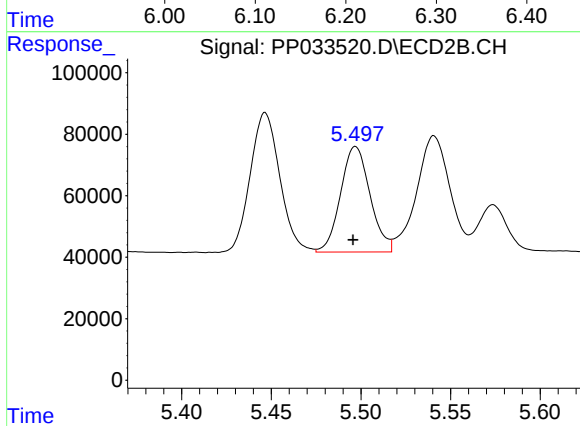
#5 AR-1016-3

R.T.: 5.447 min
Delta R.T.: 0.002 min
Response: 523596
Conc: 543.69 ng/ml



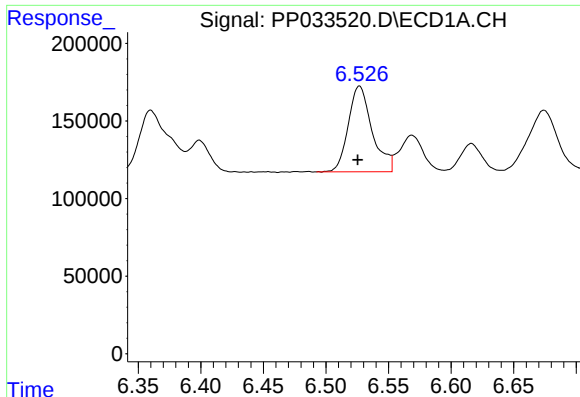
#6 AR-1016-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 825061
Conc: 553.72 ng/ml



#6 AR-1016-4

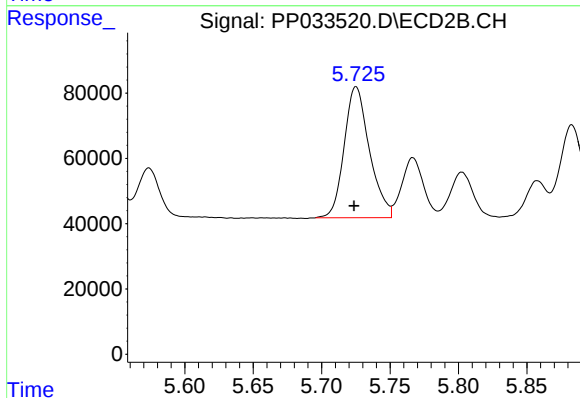
R.T.: 5.497 min
Delta R.T.: 0.002 min
Response: 393970
Conc: 526.79 ng/ml



#7 AR-1016-5

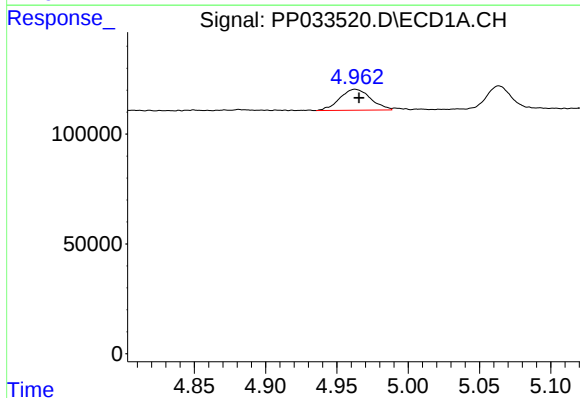
R.T.: 6.527 min
Delta R.T.: 0.001 min
Response: 734293
Conc: 526.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



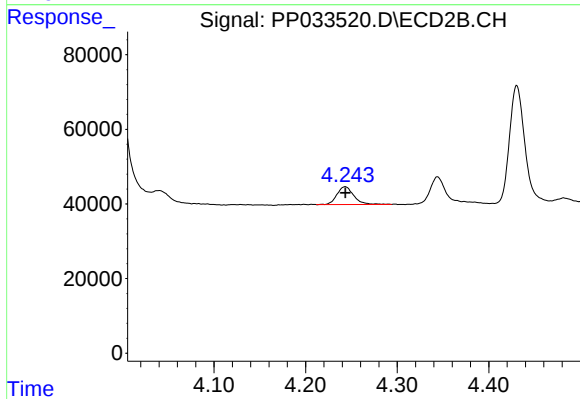
#7 AR-1016-5

R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 515294
Conc: 534.55 ng/ml



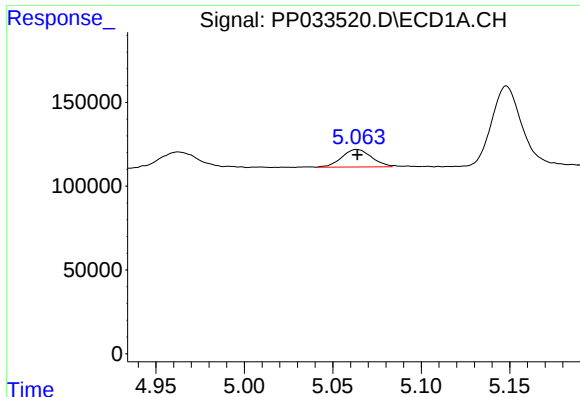
#8 AR-1221-1

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 144472
Conc: 214.36 ng/ml



#8 AR-1221-1

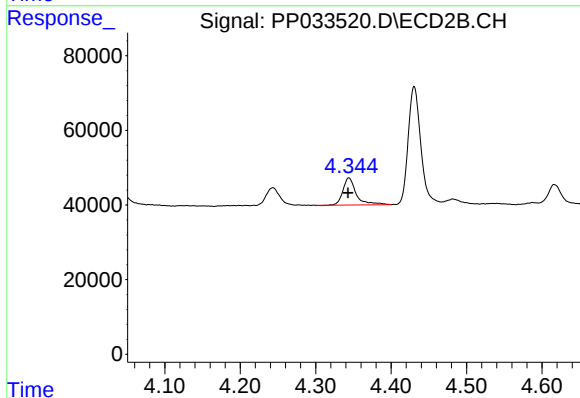
R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 60502
Conc: 145.72 ng/ml



#9 AR-1221-2

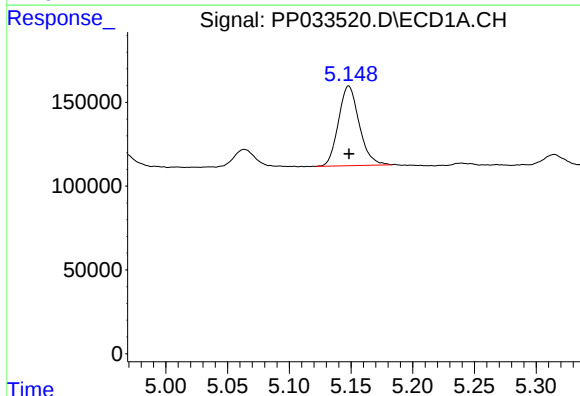
R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 123034
Conc: 241.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



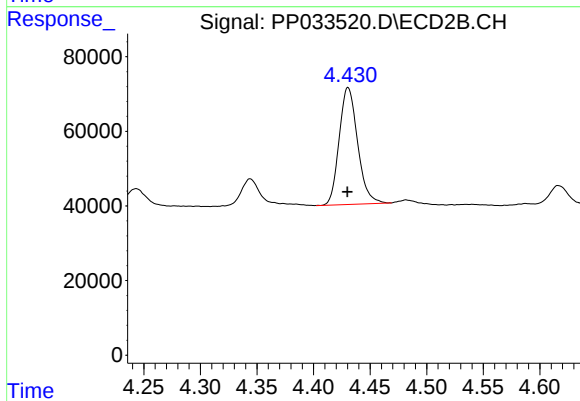
#9 AR-1221-2

R.T.: 4.344 min
Delta R.T.: 0.001 min
Response: 89351
Conc: 293.24 ng/ml



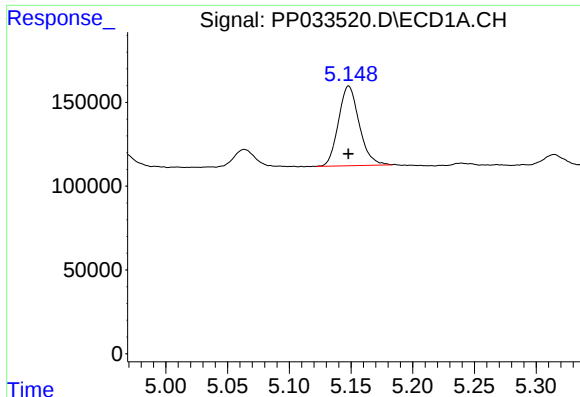
#10 AR-1221-3

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 556386
Conc: 355.60 ng/ml



#10 AR-1221-3

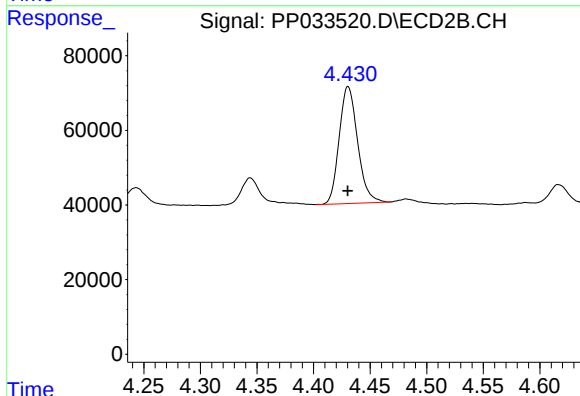
R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 355376
Conc: 361.14 ng/ml



#11 AR-1232-1

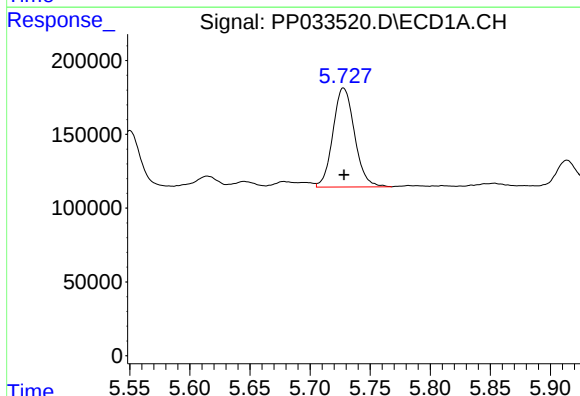
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 556386
Conc: 418.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



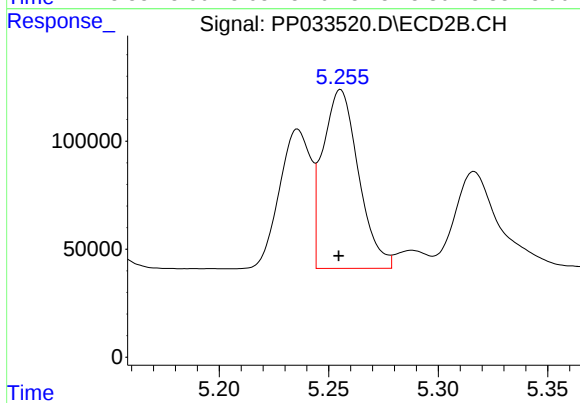
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 355376
Conc: 435.73 ng/ml



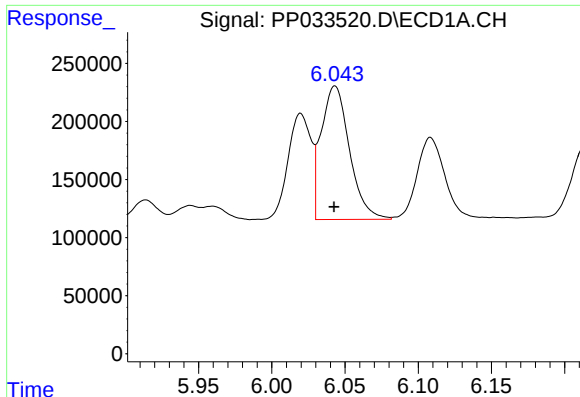
#12 AR-1232-2

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 840154
Conc: 1302.44 ng/ml



#12 AR-1232-2

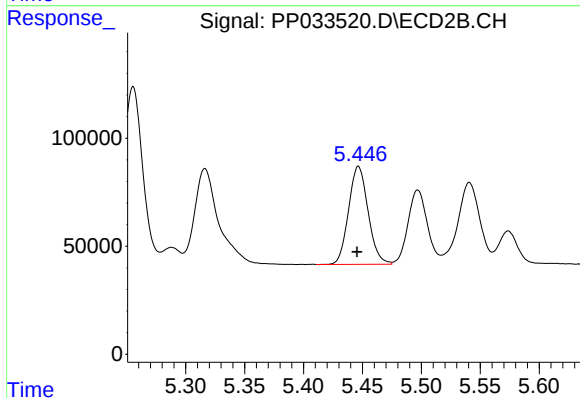
R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 938431
Conc: 1229.15 ng/ml



#13 AR-1232-3

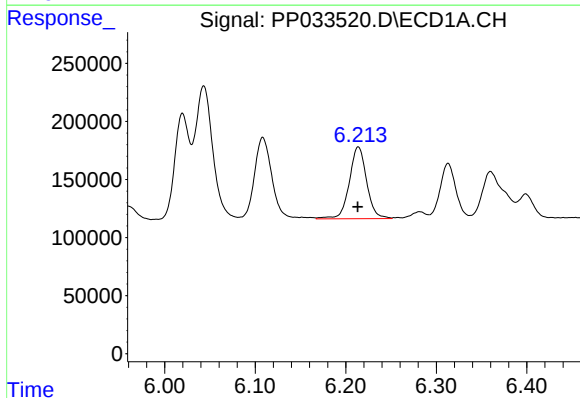
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1549714
Conc: 1270.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



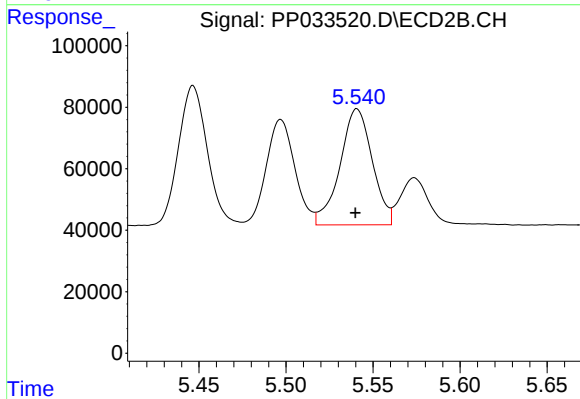
#13 AR-1232-3

R.T.: 5.447 min
Delta R.T.: 0.001 min
Response: 523596
Conc: 1296.15 ng/ml



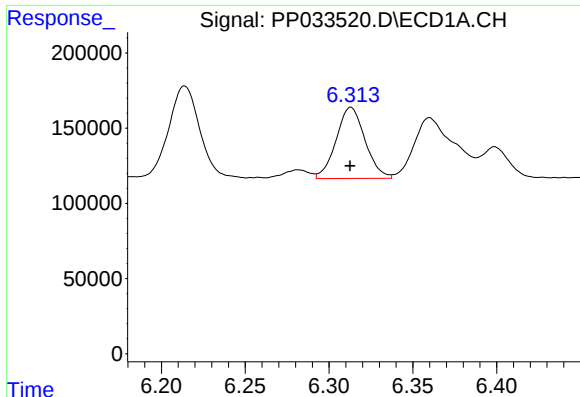
#14 AR-1232-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 825061
Conc: 1340.51 ng/ml



#14 AR-1232-4

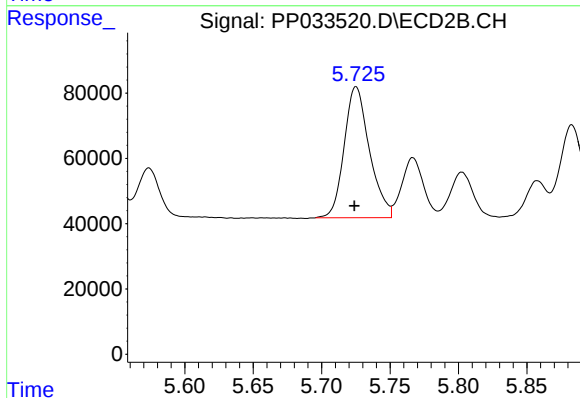
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 488564
Conc: 1428.42 ng/ml



#15 AR-1232-5

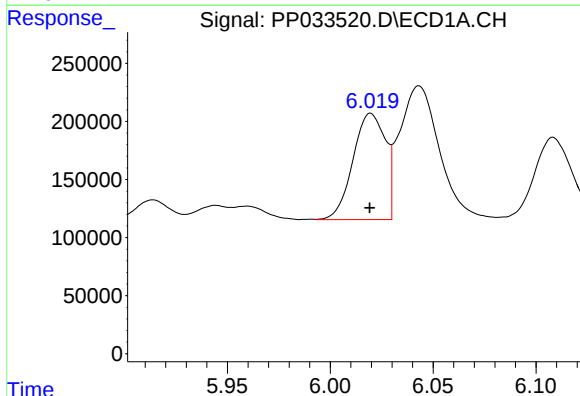
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 568457
Conc: 1447.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



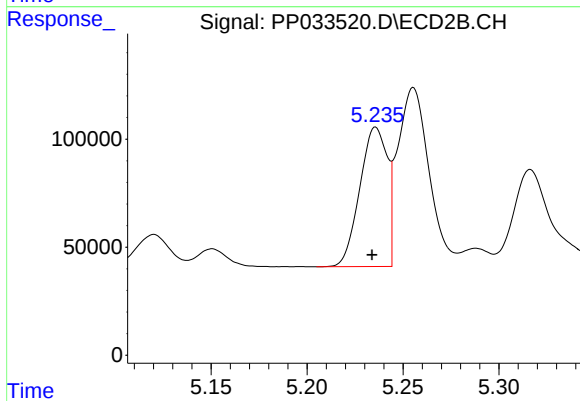
#15 AR-1232-5

R.T.: 5.725 min
Delta R.T.: 0.001 min
Response: 515294
Conc: 1340.19 ng/ml



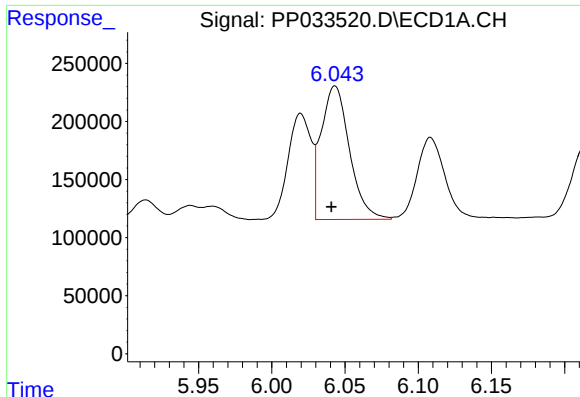
#16 AR-1242-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 1002036
Conc: 685.86 ng/ml



#16 AR-1242-1

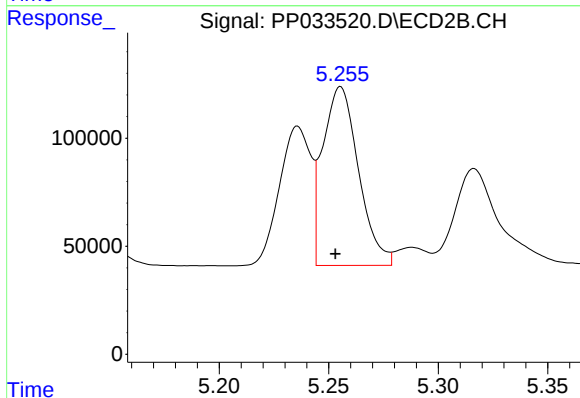
R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 643888
Conc: 708.00 ng/ml



#17 AR-1242-2

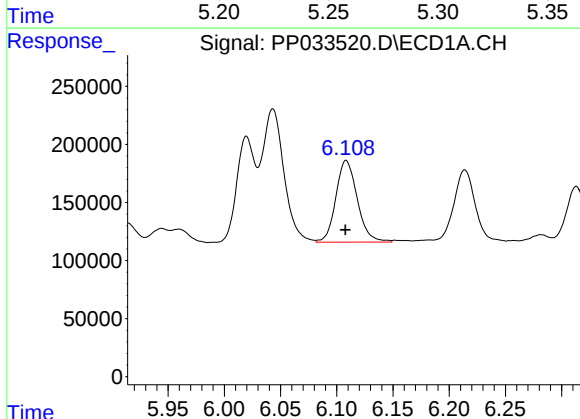
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 1549714
Conc: 695.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



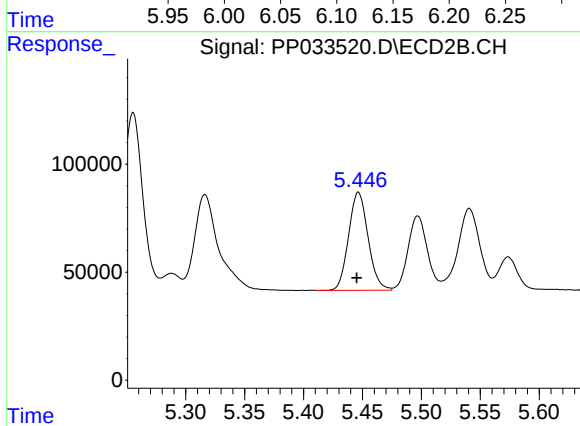
#17 AR-1242-2

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 938431
Conc: 697.80 ng/ml



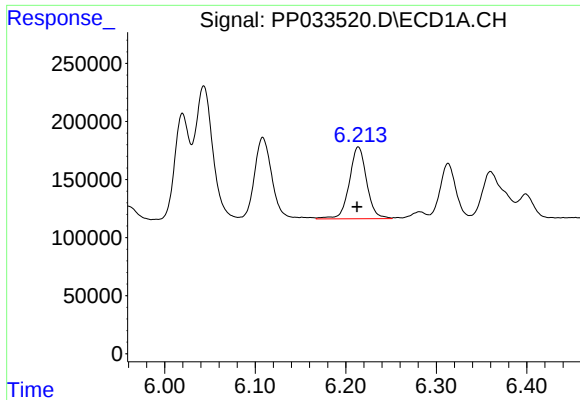
#18 AR-1242-3

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 935786
Conc: 677.25 ng/ml



#18 AR-1242-3

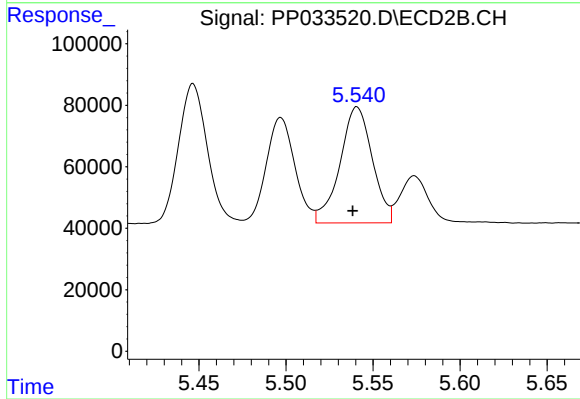
R.T.: 5.447 min
Delta R.T.: 0.001 min
Response: 523596
Conc: 712.08 ng/ml



#19 AR-1242-4

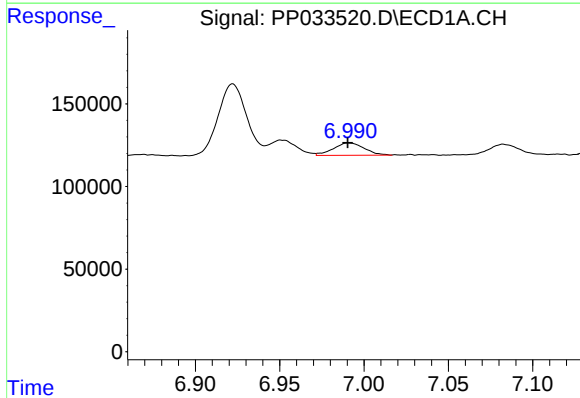
R.T.: 6.214 min
Delta R.T.: 0.001 min
Response: 825061
Conc: 711.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



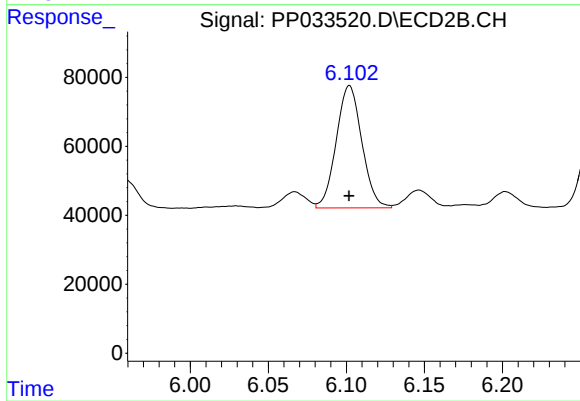
#19 AR-1242-4

R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 488564
Conc: 714.15 ng/ml



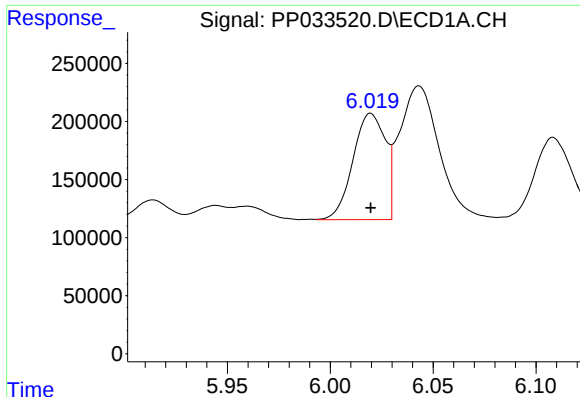
#20 AR-1242-5

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 96266
Conc: 85.90 ng/ml



#20 AR-1242-5

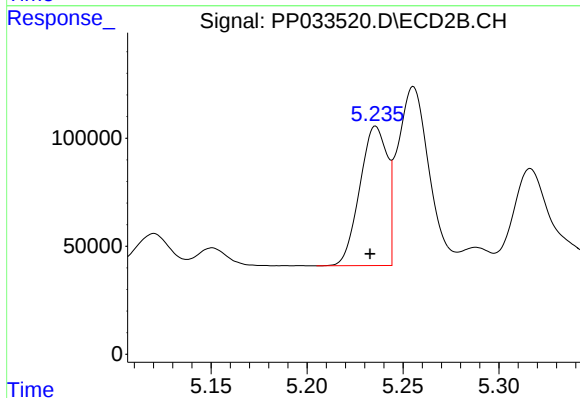
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 404165
Conc: 533.29 ng/ml



#21 AR-1248-1

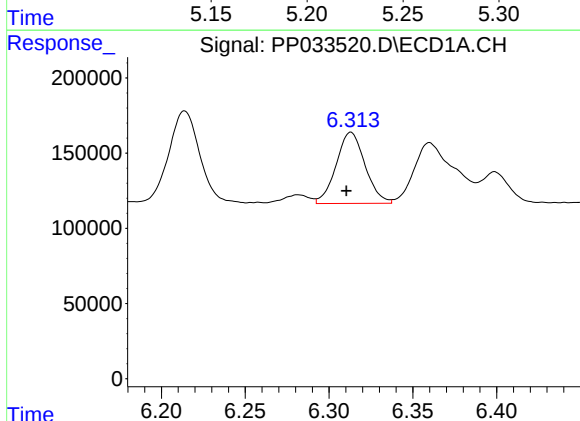
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 1002036
Conc: 906.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



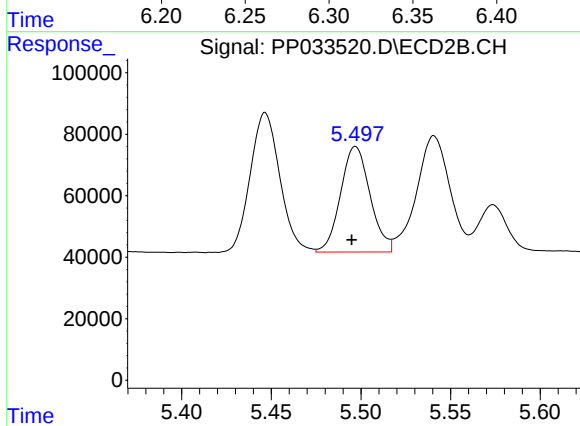
#21 AR-1248-1

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 643888
Conc: 935.82 ng/ml



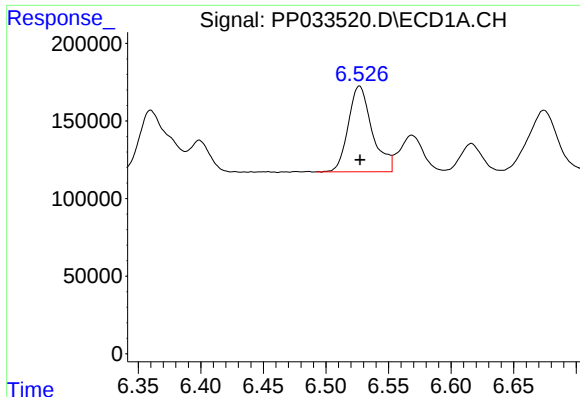
#22 AR-1248-2

R.T.: 6.313 min
Delta R.T.: 0.003 min
Response: 568457
Conc: 372.35 ng/ml



#22 AR-1248-2

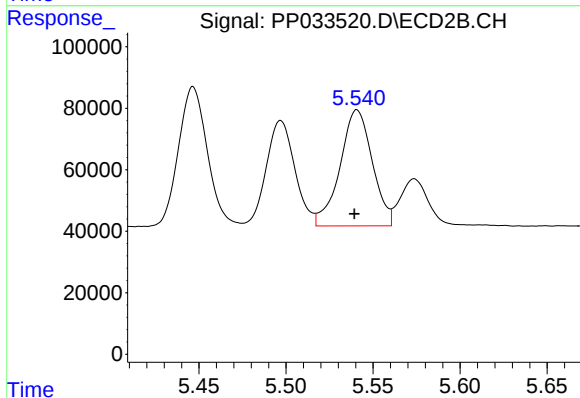
R.T.: 5.497 min
Delta R.T.: 0.002 min
Response: 393970
Conc: 397.81 ng/ml



#23 AR-1248-3

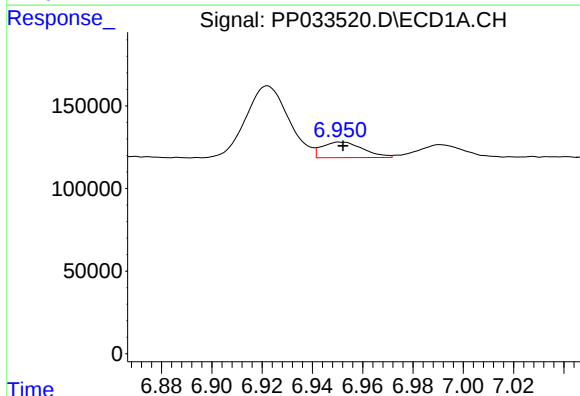
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 734293
Conc: 406.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



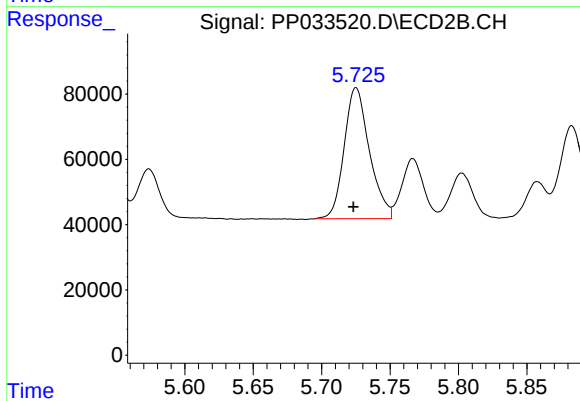
#23 AR-1248-3

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 488564
Conc: 463.90 ng/ml



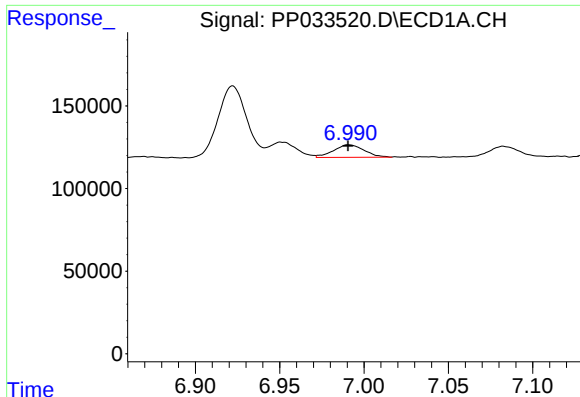
#24 AR-1248-4

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 107800
Conc: 56.94 ng/ml



#24 AR-1248-4

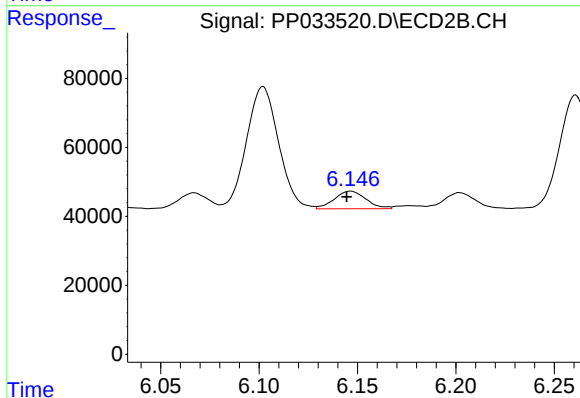
R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 515294
Conc: 405.42 ng/ml



#25 AR-1248-5

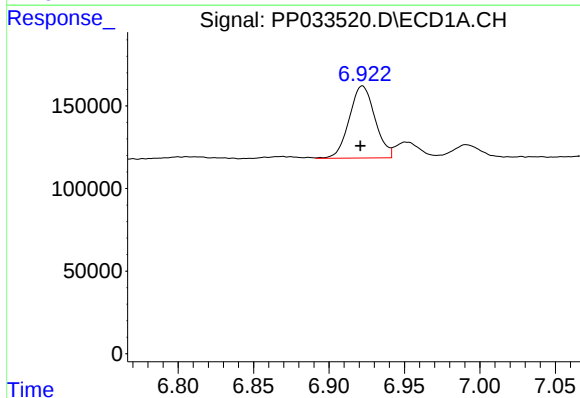
R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 96266
Conc: 52.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



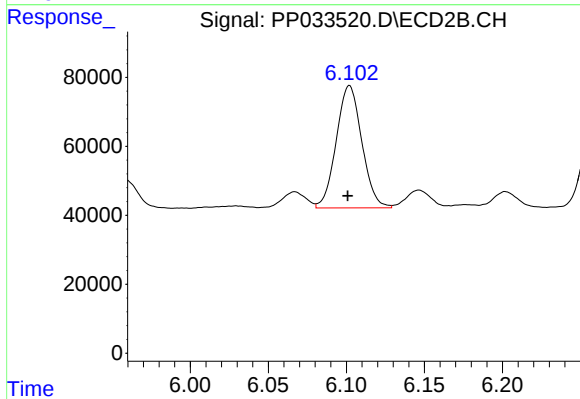
#25 AR-1248-5

R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 57355
Conc: 50.98 ng/ml



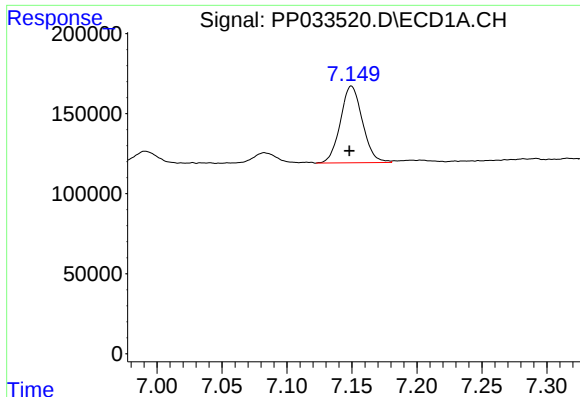
#26 AR-1254-1

R.T.: 6.922 min
Delta R.T.: 0.001 min
Response: 518153
Conc: 265.80 ng/ml



#26 AR-1254-1

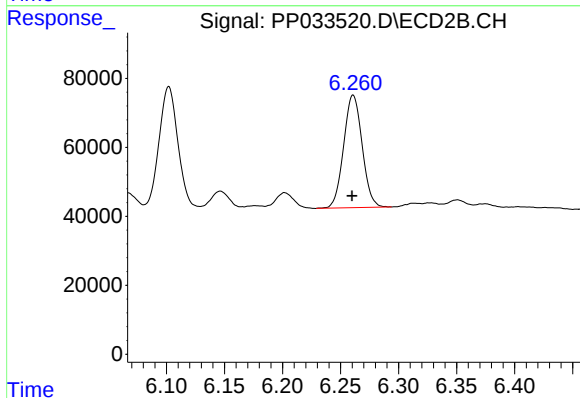
R.T.: 6.102 min
Delta R.T.: 0.001 min
Response: 404165
Conc: 221.98 ng/ml



#27 AR-1254-2

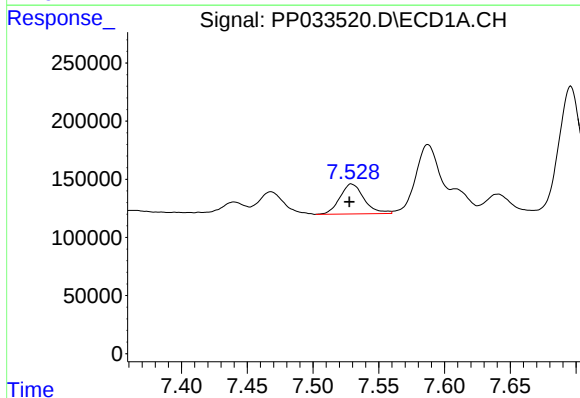
R.T.: 7.150 min
Delta R.T.: 0.001 min
Response: 565770
Conc: 182.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



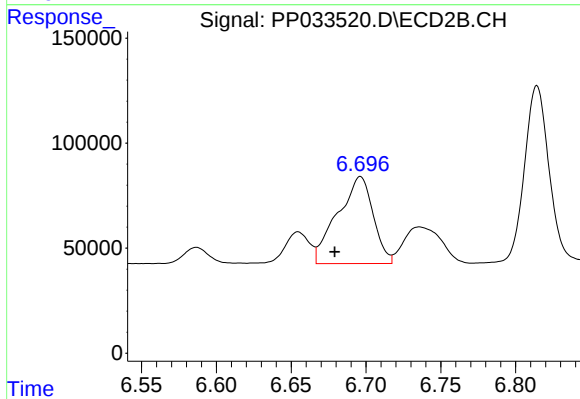
#27 AR-1254-2

R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 362509
Conc: 232.94 ng/ml



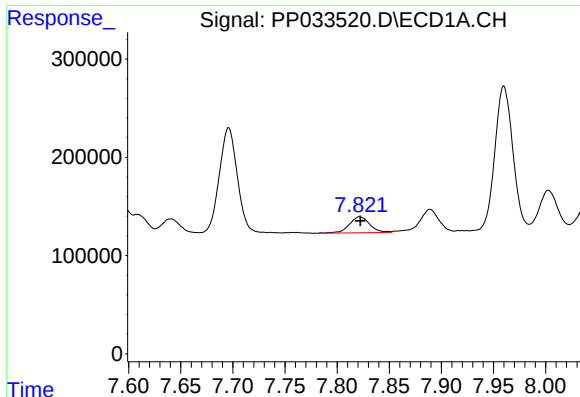
#28 AR-1254-3

R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 329058
Conc: 107.83 ng/ml



#28 AR-1254-3

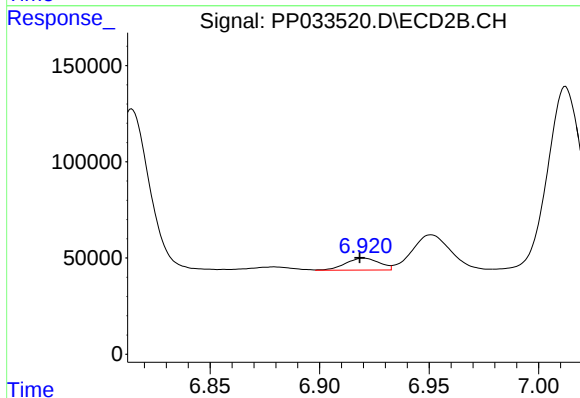
R.T.: 6.696 min
Delta R.T.: 0.017 min
Response: 684679
Conc: 276.75 ng/ml



#29 AR-1254-4

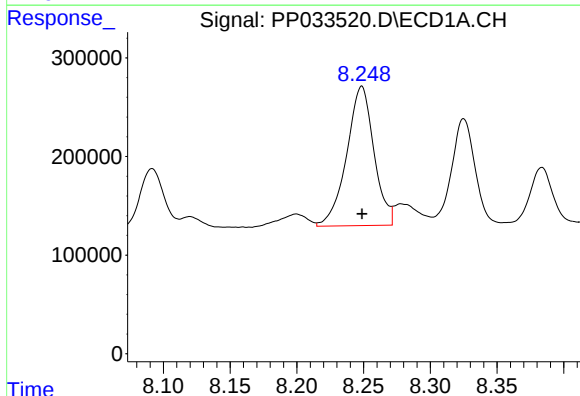
R.T.: 7.822 min
Delta R.T.: 0.000 min
Response: 221448
Conc: 98.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



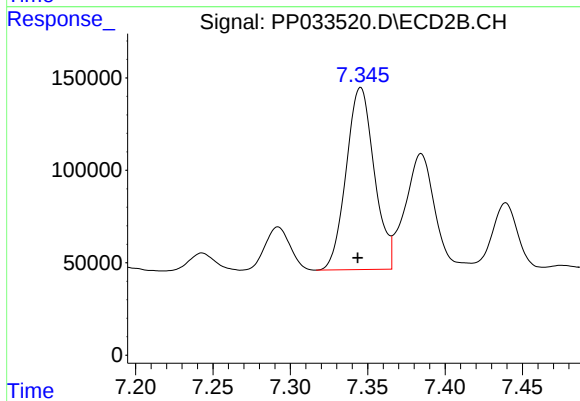
#29 AR-1254-4

R.T.: 6.920 min
Delta R.T.: 0.002 min
Response: 66815
Conc: 52.64 ng/ml



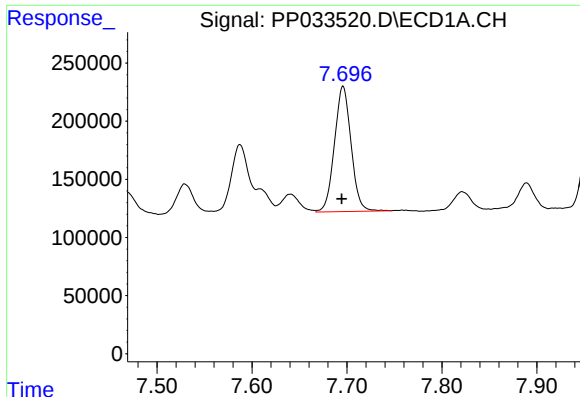
#30 AR-1254-5

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 2008609
Conc: 856.55 ng/ml



#30 AR-1254-5

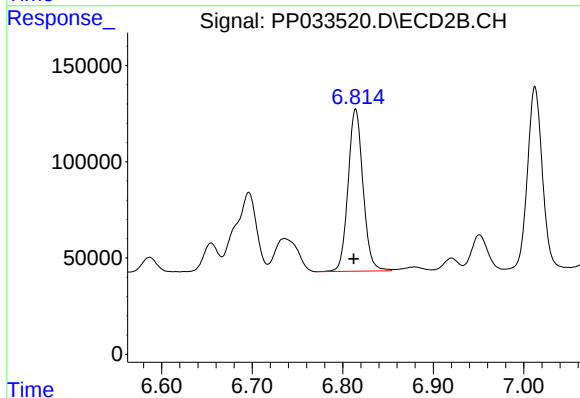
R.T.: 7.345 min
Delta R.T.: 0.002 min
Response: 1244909
Conc: 597.70 ng/ml



#31 AR-1260-1

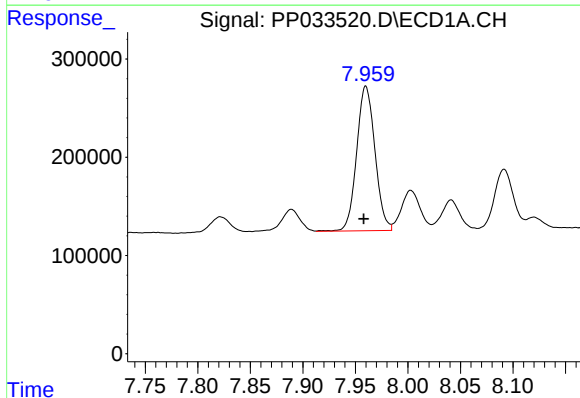
R.T.: 7.696 min
Delta R.T.: 0.001 min
Response: 1311453
Conc: 572.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



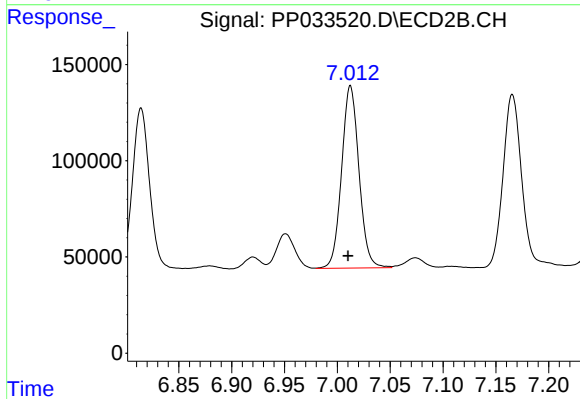
#31 AR-1260-1

R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 967314
Conc: 560.28 ng/ml



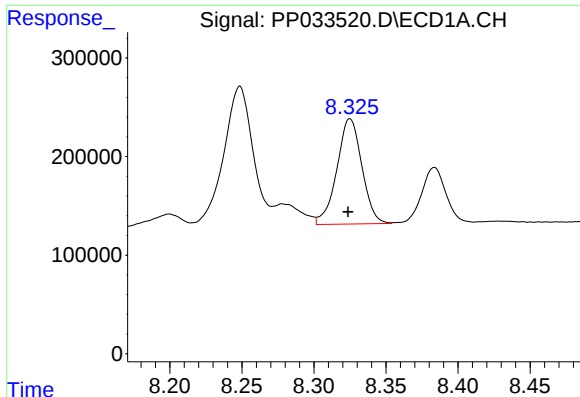
#32 AR-1260-2

R.T.: 7.960 min
Delta R.T.: 0.002 min
Response: 1784571
Conc: 560.56 ng/ml



#32 AR-1260-2

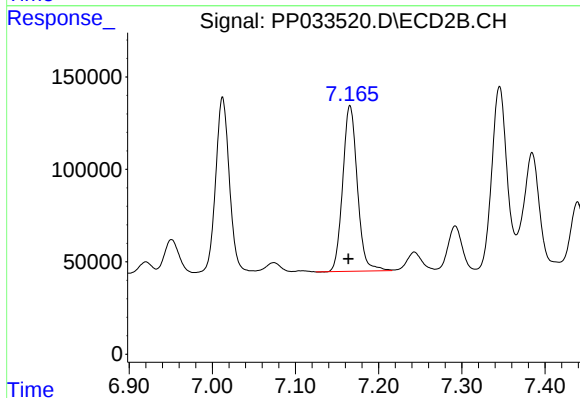
R.T.: 7.012 min
Delta R.T.: 0.002 min
Response: 1080141
Conc: 549.00 ng/ml



#33 AR-1260-3

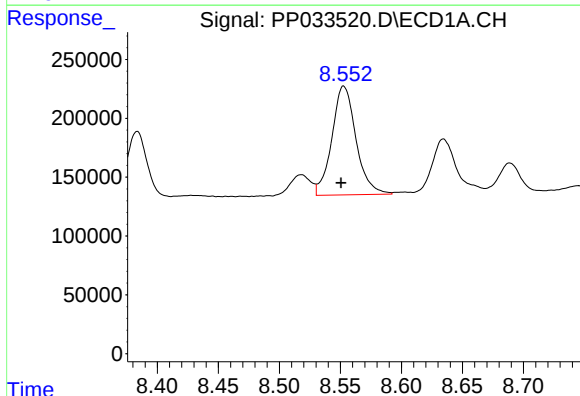
R.T.: 8.325 min
Delta R.T.: 0.001 min
Response: 1289796
Conc: 444.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



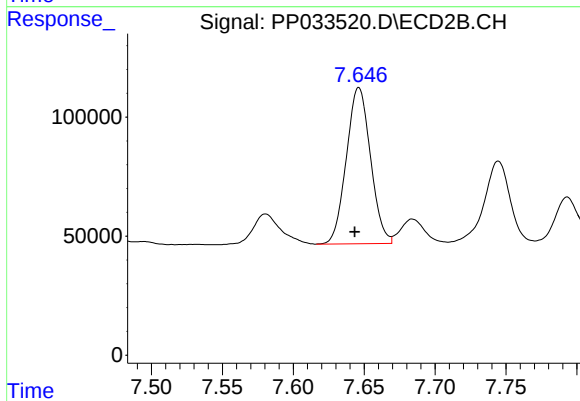
#33 AR-1260-3

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 1095503
Conc: 543.69 ng/ml



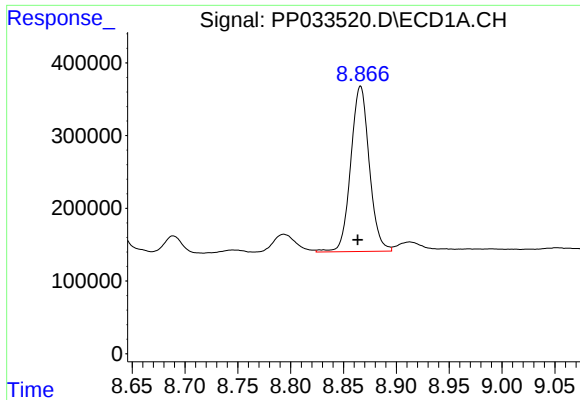
#34 AR-1260-4

R.T.: 8.553 min
Delta R.T.: 0.002 min
Response: 1272828
Conc: 487.74 ng/ml



#34 AR-1260-4

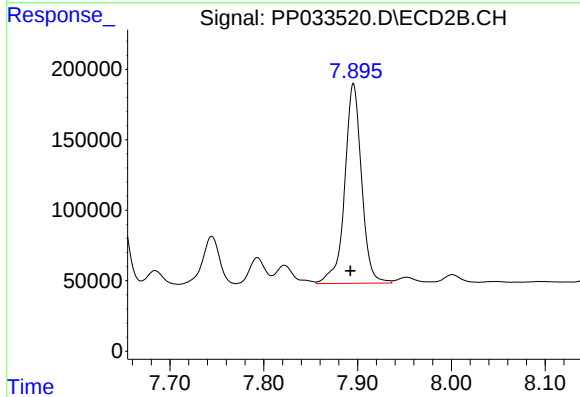
R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 778451
Conc: 480.53 ng/ml



#35 AR-1260-5

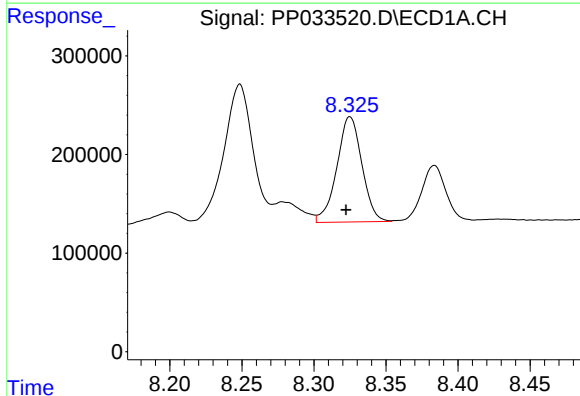
R.T.: 8.866 min
Delta R.T.: 0.003 min
Response: 2779636
Conc: 470.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



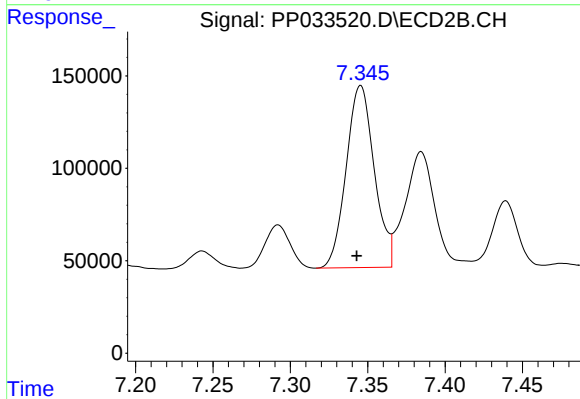
#35 AR-1260-5

R.T.: 7.896 min
Delta R.T.: 0.003 min
Response: 1770499
Conc: 491.66 ng/ml



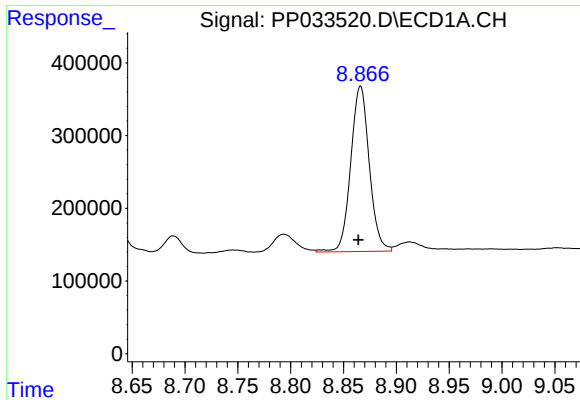
#36 AR-1262-1

R.T.: 8.325 min
Delta R.T.: 0.003 min
Response: 1289796
Conc: 319.24 ng/ml



#36 AR-1262-1

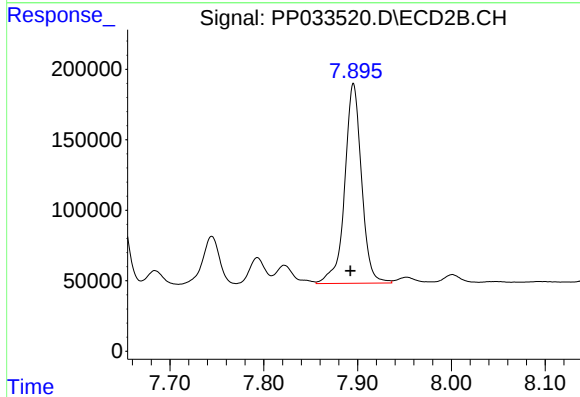
R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 1244909
Conc: 1116.67 ng/ml



#37 AR-1262-2

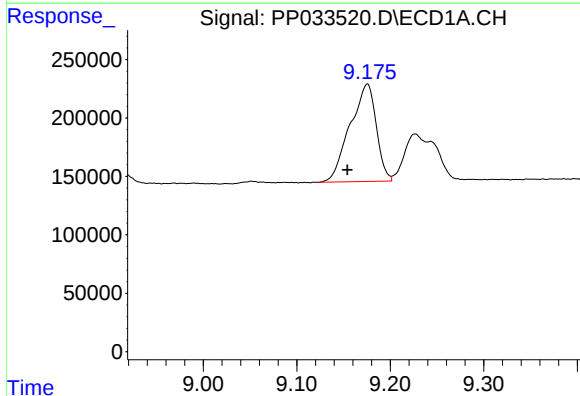
R.T.: 8.866 min
Delta R.T.: 0.002 min
Response: 2779636
Conc: 452.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



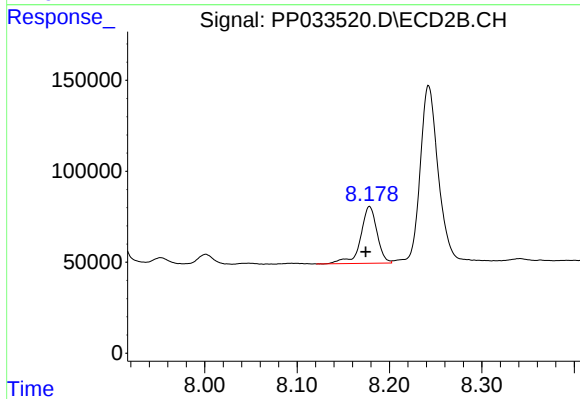
#37 AR-1262-2

R.T.: 7.896 min
Delta R.T.: 0.003 min
Response: 1770499
Conc: 477.28 ng/ml



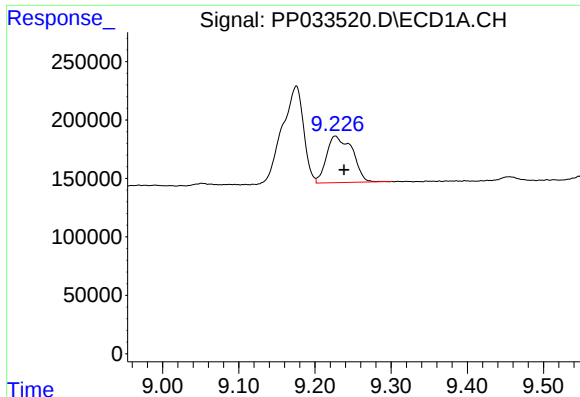
#38 AR-1262-3

R.T.: 9.176 min
Delta R.T.: 0.021 min
Response: 1629497
Conc: 387.13 ng/ml



#38 AR-1262-3

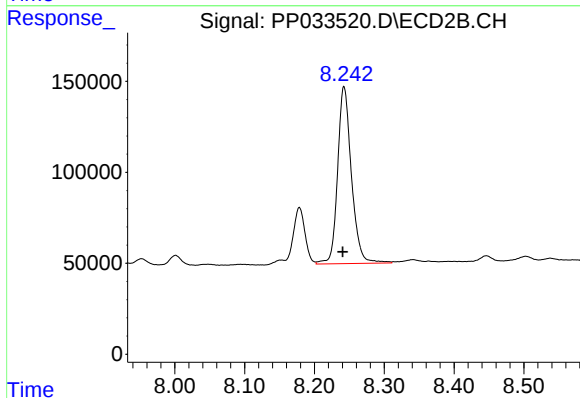
R.T.: 8.178 min
Delta R.T.: 0.004 min
Response: 385339
Conc: 225.01 ng/ml



#39 AR-1262-4

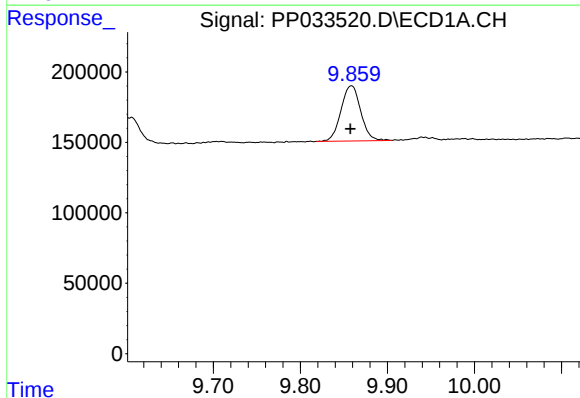
R.T.: 9.227 min
Delta R.T.: -0.012 min
Response: 935811
Conc: 281.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



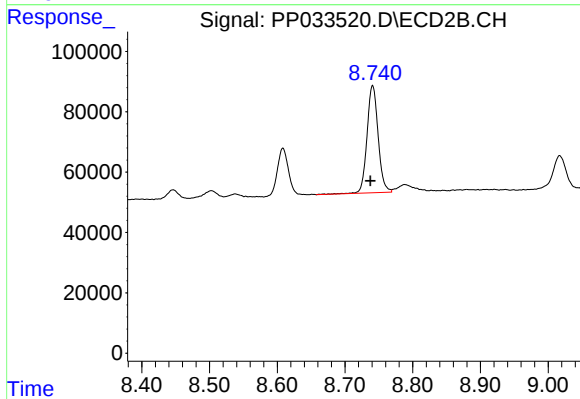
#39 AR-1262-4

R.T.: 8.242 min
Delta R.T.: 0.002 min
Response: 1338901
Conc: 465.19 ng/ml



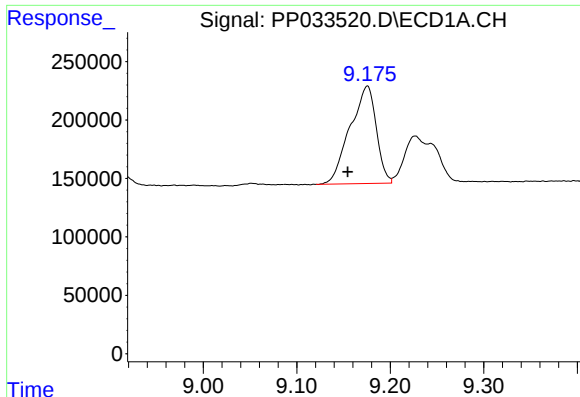
#40 AR-1262-5

R.T.: 9.859 min
Delta R.T.: 0.001 min
Response: 616517
Conc: 311.73 ng/ml



#40 AR-1262-5

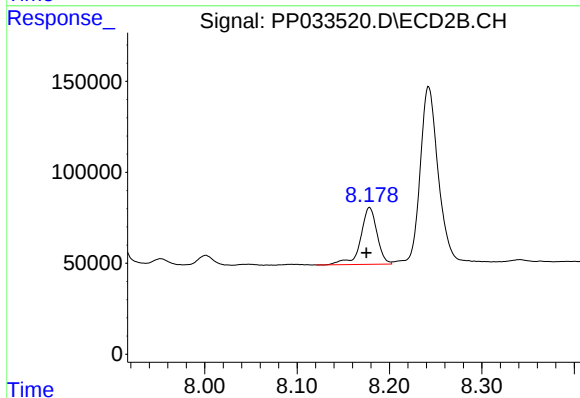
R.T.: 8.741 min
Delta R.T.: 0.003 min
Response: 404887
Conc: 338.01 ng/ml



#41 AR-1268-1

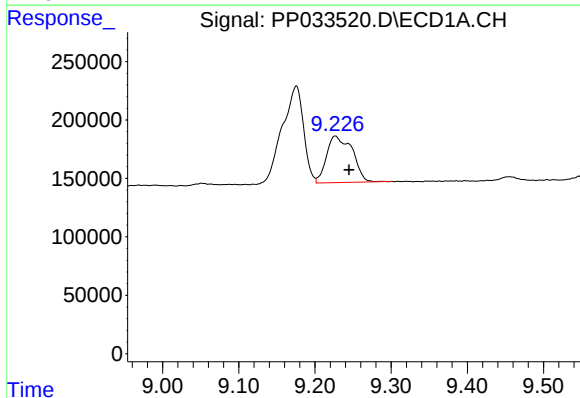
R.T.: 9.176 min
Delta R.T.: 0.021 min
Response: 1629497
Conc: 205.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



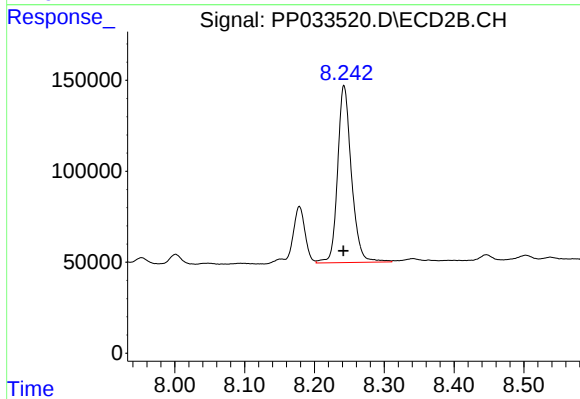
#41 AR-1268-1

R.T.: 8.178 min
Delta R.T.: 0.003 min
Response: 385339
Conc: 81.57 ng/ml



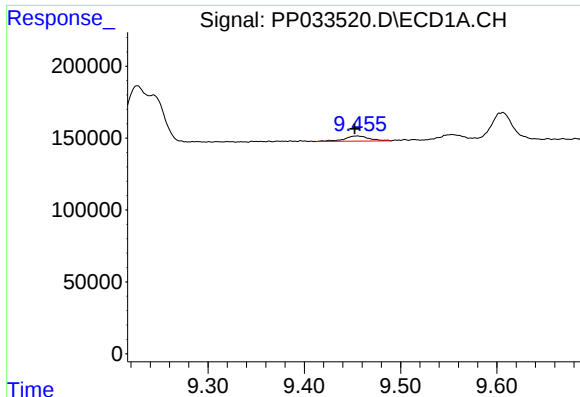
#42 AR-1268-2

R.T.: 9.227 min
Delta R.T.: -0.018 min
Response: 935811
Conc: 142.17 ng/ml



#42 AR-1268-2

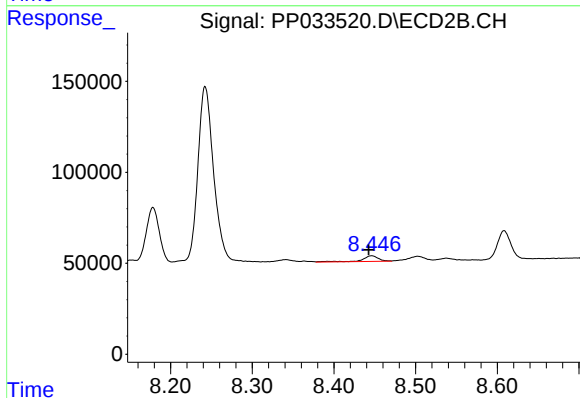
R.T.: 8.242 min
Delta R.T.: 0.001 min
Response: 1338901
Conc: 298.94 ng/ml



#43 AR-1268-3

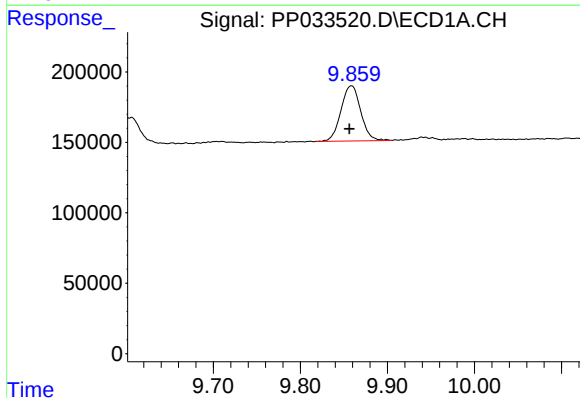
R.T.: 9.455 min
Delta R.T.: 0.002 min
Response: 64406
Conc: 9.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



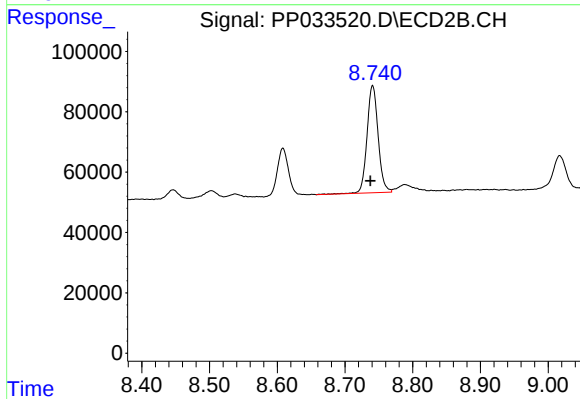
#43 AR-1268-3

R.T.: 8.446 min
Delta R.T.: 0.004 min
Response: 40692
Conc: 9.97 ng/ml



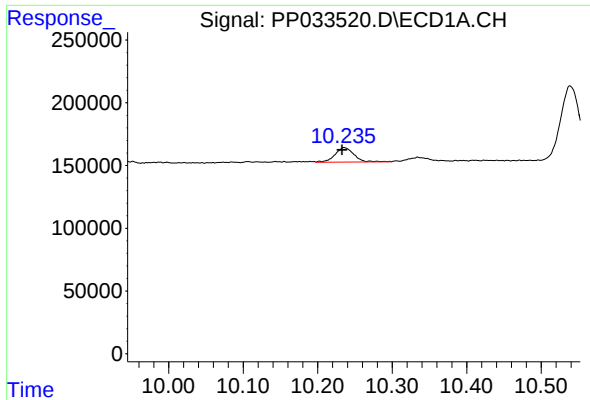
#44 AR-1268-4

R.T.: 9.859 min
Delta R.T.: 0.002 min
Response: 616517
Conc: 296.72 ng/ml



#44 AR-1268-4

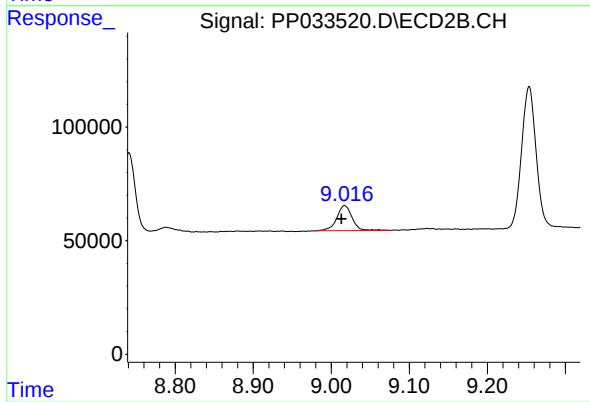
R.T.: 8.741 min
Delta R.T.: 0.003 min
Response: 404887
Conc: 293.51 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.003 min
Response: 201461
Conc: 12.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.017 min
Delta R.T.: 0.004 min
Response: 150213
Conc: 13.23 ng/ml