

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010819\
 Data File : P0053310.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Jan 2019 14:20
 Operator : SM/SJ
 Sample : K1064-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 03:39:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 03:34:05 2019
 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...	4.175	3.212	8838506	1777111	6.614	7.107
2)	SA Decachlor...	9.636	7.856	5041955	3059791	6.383	13.361 #
Target Compounds							
3)	L1 AR-1016-1	5.320	4.197	12418366	1609999	340.419	163.298 #
4)	L1 AR-1016-2	5.341	4.212	14841983	2383771	280.357	160.832 #
5)	L1 AR-1016-3	5.401	4.371	15566278	1878865	486.060	233.483 #
6)	L1 AR-1016-4	5.499	4.416	14136484	798864	547.470	132.276 #
7)	L1 AR-1016-5	5.786	4.607	11439308	1539481	484.479	195.667 #
8)	L2 AR-1221-1	4.342	0.000	334288	0	22.306	N.D. #
9)	L2 AR-1221-2	4.469	3.485	1008490	155561	91.891	64.656 #
10)	L2 AR-1221-3	4.544	3.552	2685191	634966	77.062	83.018
11)	L3 AR-1232-1	4.544	3.552	2685191	634966	94.248	104.000
12)	L3 AR-1232-2	5.057	4.212	10118260	2383771	754.978	321.822 #
13)	L3 AR-1232-3	5.341	4.371	14841983	1878865	556.149	464.841
14)	L3 AR-1232-4	5.499	4.451	14136484	1546580	1104.541	456.580 #
15)	L3 AR-1232-5	5.586	4.607	12280446	1539481	1544.499	434.256 #
16)	L4 AR-1242-1	5.320	4.197	12418366	1609999	368.478	187.586 #
17)	L4 AR-1242-2	5.341	4.212	14841983	2383771	300.572	179.949 #
18)	L4 AR-1242-3	5.401	4.371	15566278	1878865	525.451	261.922 #
19)	L4 AR-1242-4	5.499	4.451	14136484	1546580	595.902	229.200 #
20)	L4 AR-1242-5	6.221	4.934	5531632	1071072	237.277	120.981 #
21)	L5 AR-1248-1	5.320	4.197	12418366	1609999	503.683	240.990 #
22)	L5 AR-1248-2	5.586	4.416	12280446	798864	401.523	89.143 #
23)	L5 AR-1248-3	5.786	4.451	11439308	1546580	334.050	167.325 #
24)	L5 AR-1248-4	6.184	4.607	4911507	1539481	130.505	140.560
25)	L5 AR-1248-5	6.221	4.970	5531632	665846	153.784	60.074 #
26)	L6 AR-1254-1	6.155	4.934	5526166	1071072	130.923	54.277 #
27)	L6 AR-1254-2	6.377	5.072	4037501	362321	63.069	22.078 #
28)	L6 AR-1254-3	6.734	5.446	915627	421527	13.963	16.661
29)	L6 AR-1254-4	7.015	5.666	1355876	131908	28.149	8.039 #
30)	L6 AR-1254-5	7.426	6.059	594433	449927	12.832	21.401 #
31)	L7 AR-1260-1	6.888	5.567	1054831	326747	26.985	21.993
32)	L7 AR-1260-2	7.142	5.740	1265911	1022723	26.430	56.651 #
33)	L7 AR-1260-3	7.550	5.892	768804	871260	25.830	53.309 #
34)	L7 AR-1260-4	0.000	6.337	0	276681	N.D.	26.393 #
35)	L7 AR-1260-5	8.026	6.579	797628	389560	11.676	15.137 #
36)	L8 AR-1262-1	7.550	6.059	768804	449927	12.775	20.714 #
37)	L8 AR-1262-2	8.026	6.579	797628	389560	7.851	10.756 #
38)	L8 AR-1262-3	8.328	6.884	373597	833330	8.061	58.775 #
39)	L8 AR-1262-4	8.366	6.884	325520	833330	6.055	31.555 #
41)	L9 AR-1268-1	8.328	6.884	373597	833330	2.912	19.757 #
42)	L9 AR-1268-2	8.366	6.884	325520	833330	2.656	20.909 #

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Volume Inj. : 2 µl
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.526	0.000	422191	0	3.862	N.D. #
45) L9	AR-1268-5	0.000	7.636	0	276576	N.D.	2.787 #

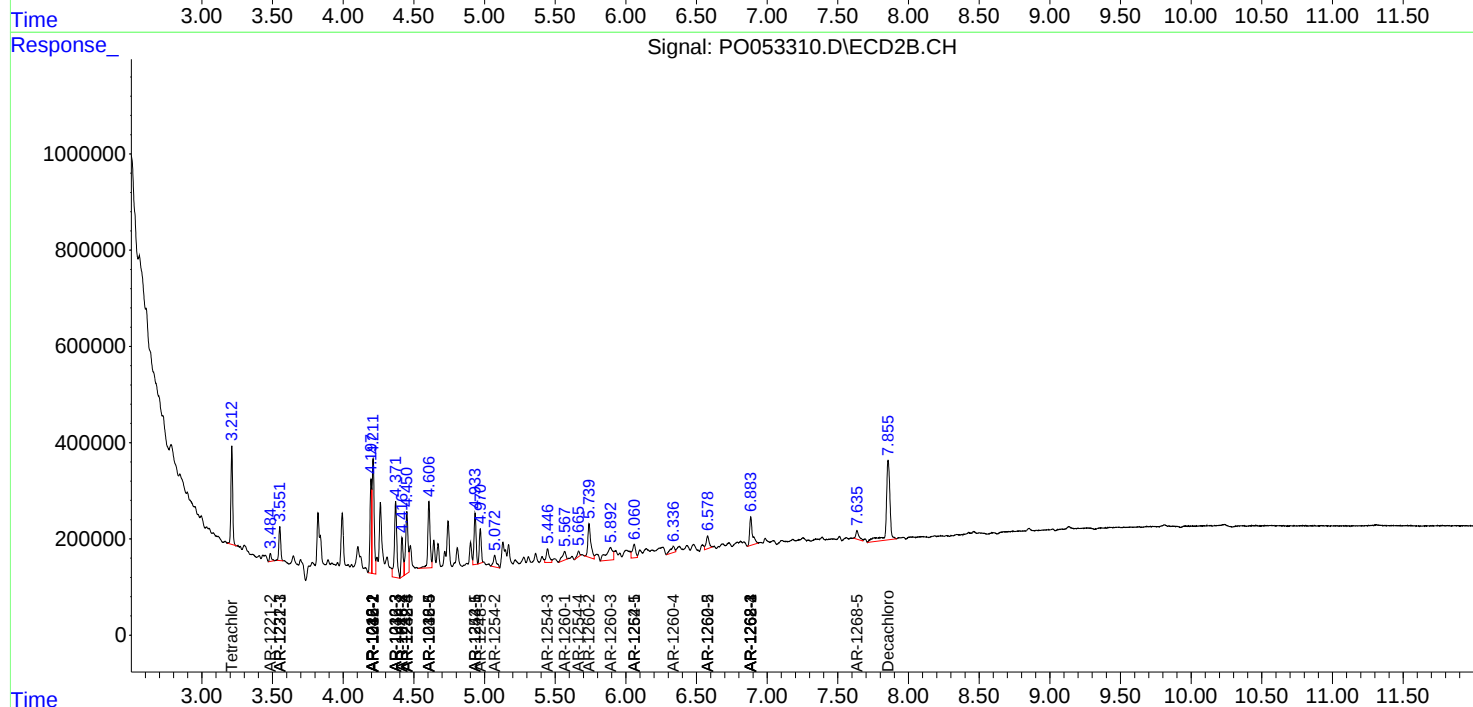
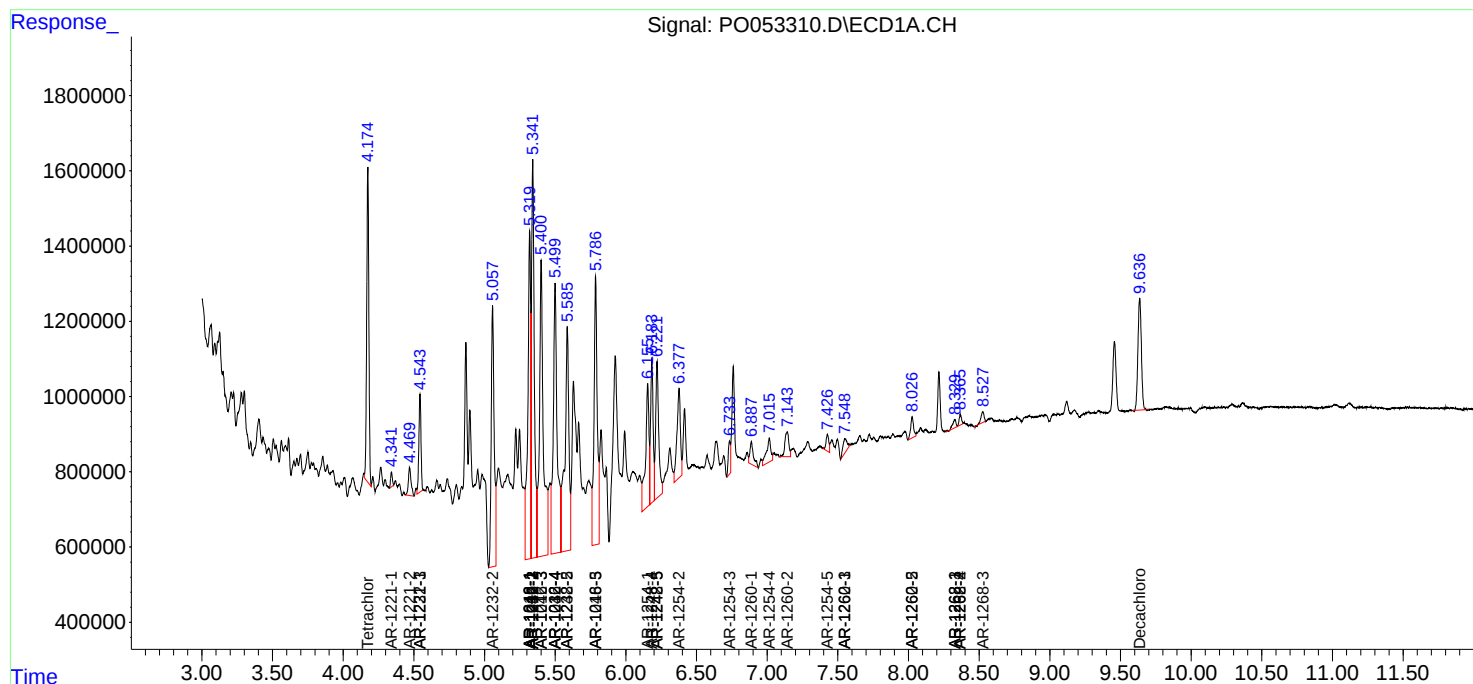
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

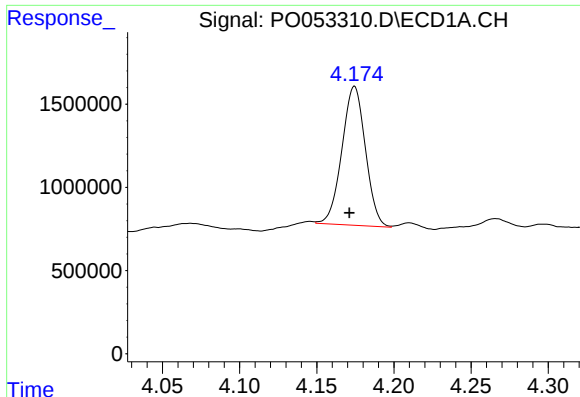
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

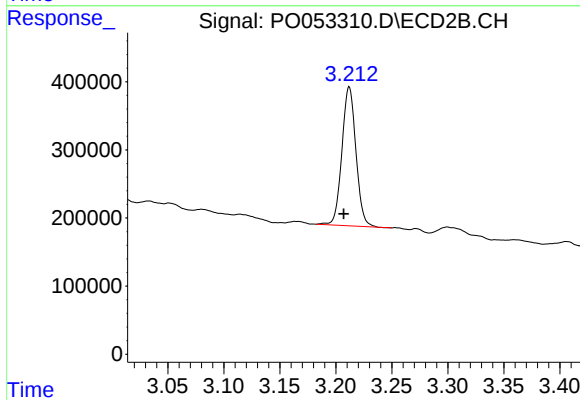




#1 Tetrachloro-m-xylene

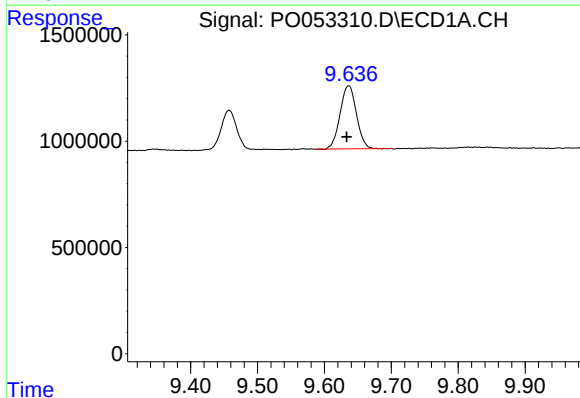
R.T.: 4.175 min
Delta R.T.: 0.004 min
Response: 8838506
Conc: 6.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



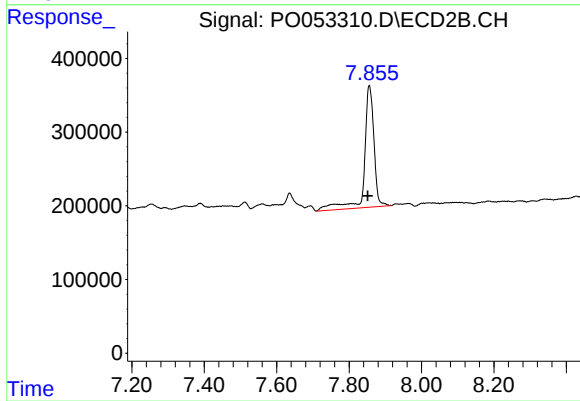
#1 Tetrachloro-m-xylene

R.T.: 3.212 min
Delta R.T.: 0.005 min
Response: 1777111
Conc: 7.11 ng/ml



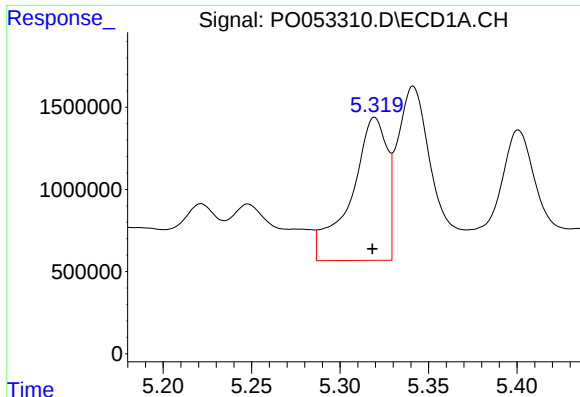
#2 Decachlorobiphenyl

R.T.: 9.636 min
Delta R.T.: 0.003 min
Response: 5041955
Conc: 6.38 ng/ml



#2 Decachlorobiphenyl

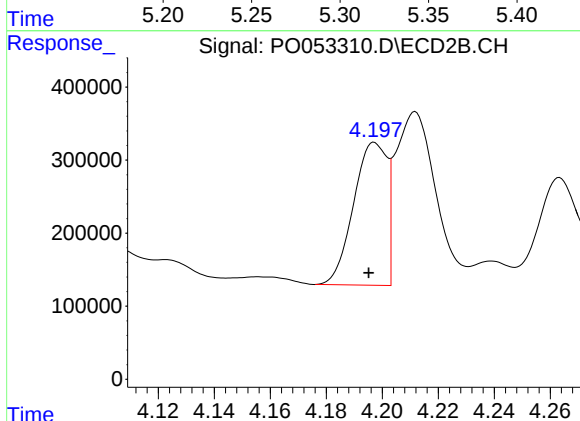
R.T.: 7.856 min
Delta R.T.: 0.004 min
Response: 3059791
Conc: 13.36 ng/ml



#3 AR-1016-1

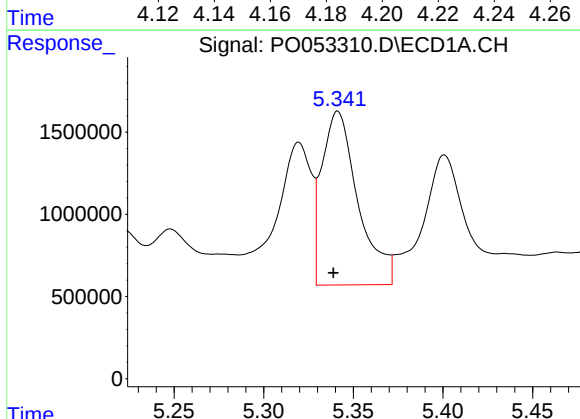
R.T.: 5.320 min
Delta R.T.: 0.001 min
Response: 12418366
Conc: 340.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



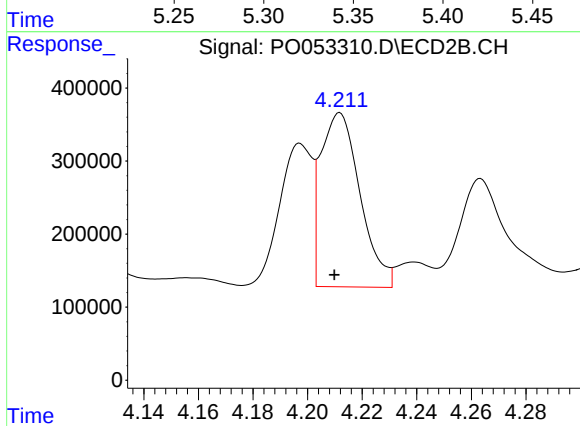
#3 AR-1016-1

R.T.: 4.197 min
Delta R.T.: 0.002 min
Response: 1609999
Conc: 163.30 ng/ml



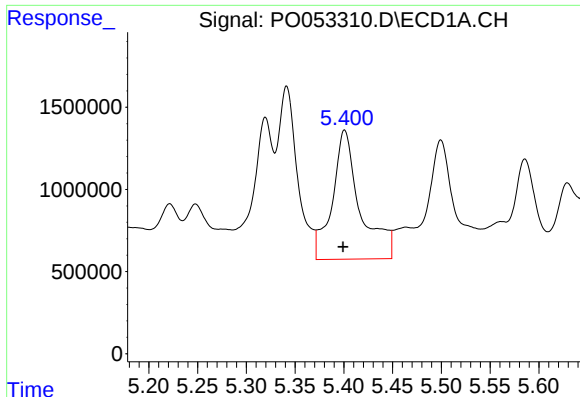
#4 AR-1016-2

R.T.: 5.341 min
Delta R.T.: 0.002 min
Response: 14841983
Conc: 280.36 ng/ml



#4 AR-1016-2

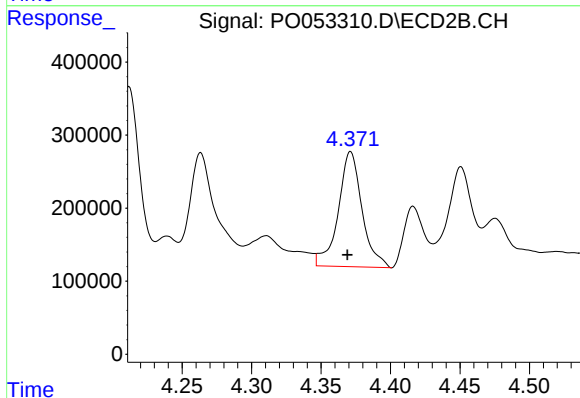
R.T.: 4.212 min
Delta R.T.: 0.002 min
Response: 2383771
Conc: 160.83 ng/ml



#5 AR-1016-3

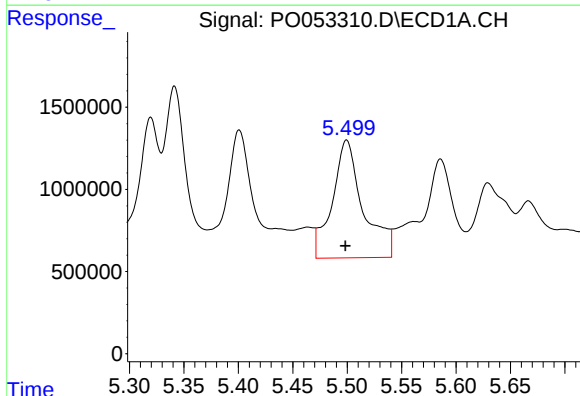
R.T.: 5.401 min
Delta R.T.: 0.002 min
Response: 15566278
Conc: 486.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



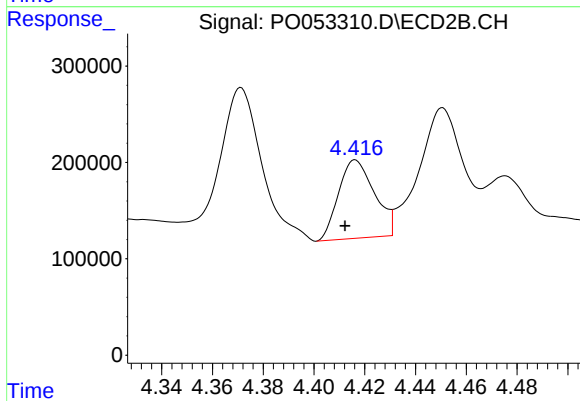
#5 AR-1016-3

R.T.: 4.371 min
Delta R.T.: 0.002 min
Response: 1878865
Conc: 233.48 ng/ml



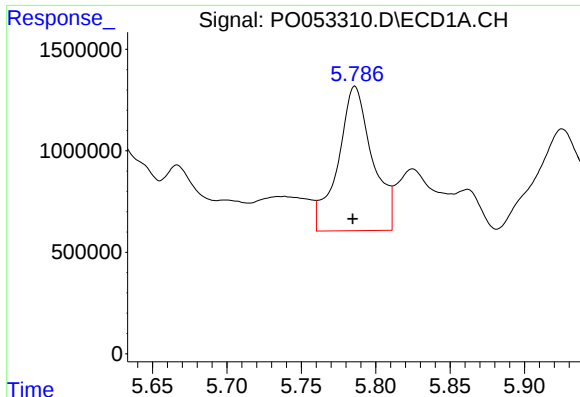
#6 AR-1016-4

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 14136484
Conc: 547.47 ng/ml



#6 AR-1016-4

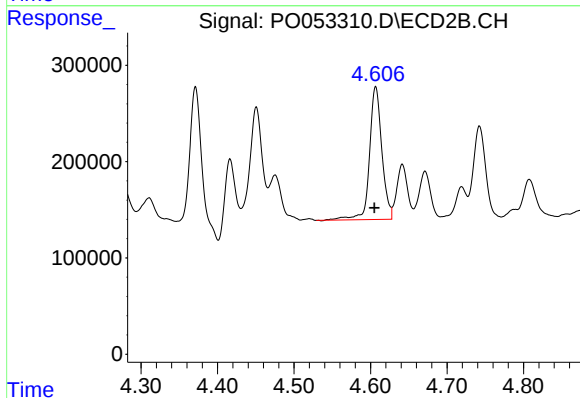
R.T.: 4.416 min
Delta R.T.: 0.004 min
Response: 798864
Conc: 132.28 ng/ml



#7 AR-1016-5

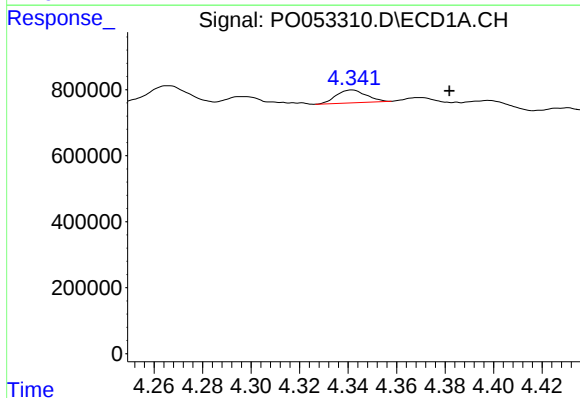
R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 11439308
Conc: 484.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



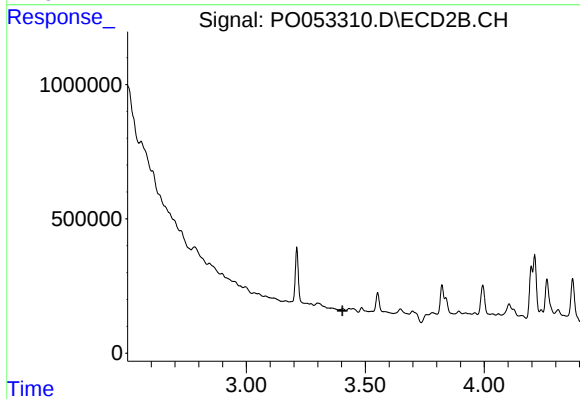
#7 AR-1016-5

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 1539481
Conc: 195.67 ng/ml



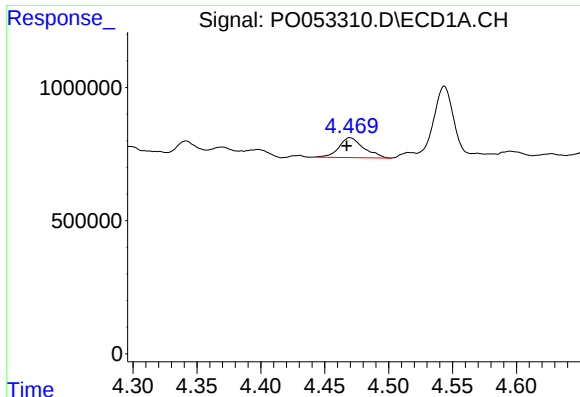
#8 AR-1221-1

R.T.: 4.342 min
Delta R.T.: -0.040 min
Response: 334288
Conc: 22.31 ng/ml



#8 AR-1221-1

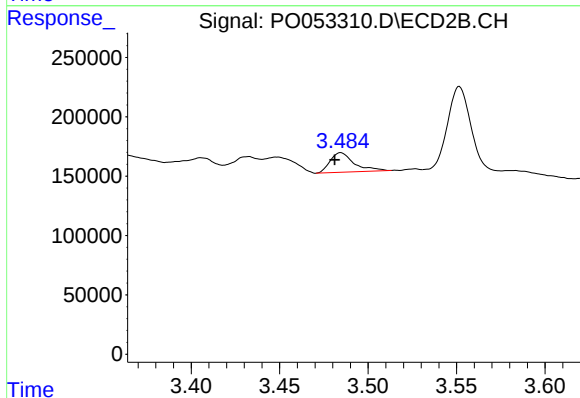
R.T.: 0.000 min
Exp R.T.: 3.403 min
Response: 0
Conc: N.D.



#9 AR-1221-2

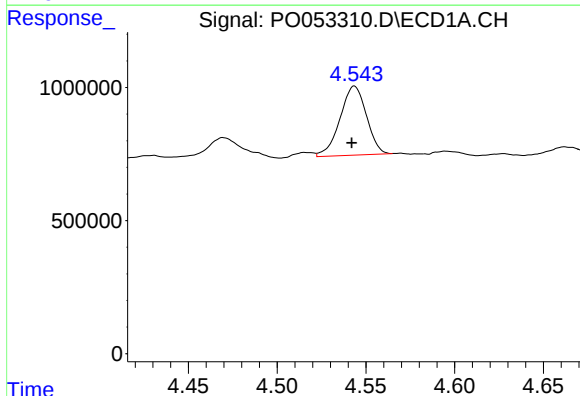
R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 1008490
Conc: 91.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



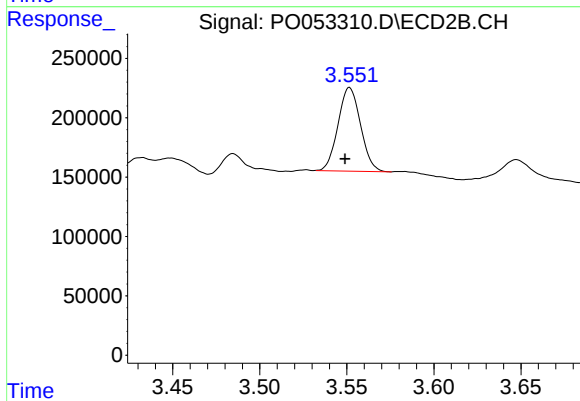
#9 AR-1221-2

R.T.: 3.485 min
Delta R.T.: 0.004 min
Response: 155561
Conc: 64.66 ng/ml



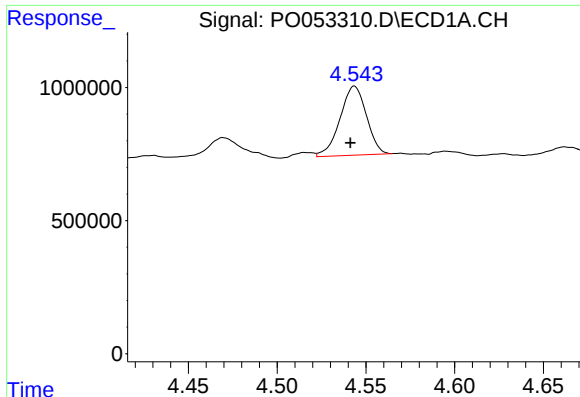
#10 AR-1221-3

R.T.: 4.544 min
Delta R.T.: 0.002 min
Response: 2685191
Conc: 77.06 ng/ml



#10 AR-1221-3

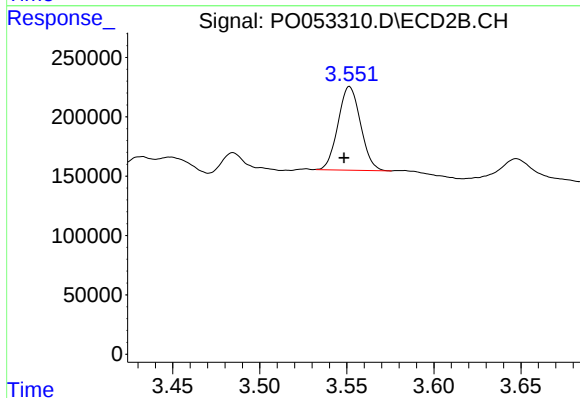
R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 634966
Conc: 83.02 ng/ml



#11 AR-1232-1

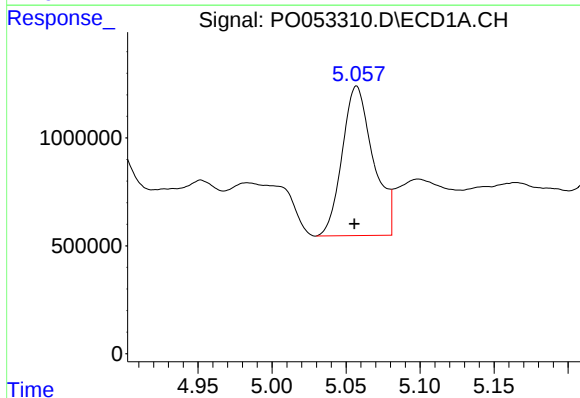
R.T.: 4.544 min
Delta R.T.: 0.002 min
Response: 2685191
Conc: 94.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



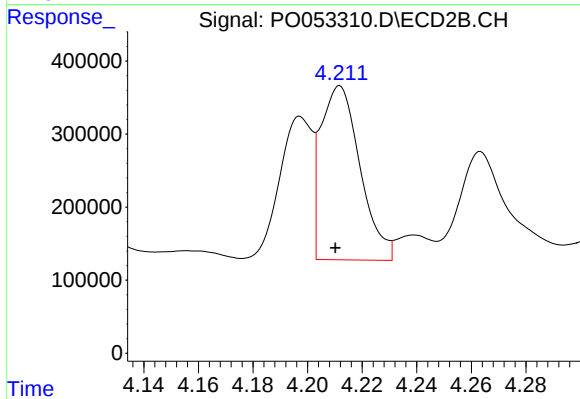
#11 AR-1232-1

R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 634966
Conc: 104.00 ng/ml



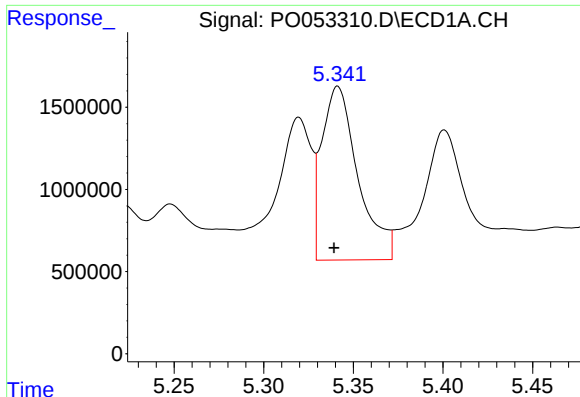
#12 AR-1232-2

R.T.: 5.057 min
Delta R.T.: 0.001 min
Response: 10118260
Conc: 754.98 ng/ml



#12 AR-1232-2

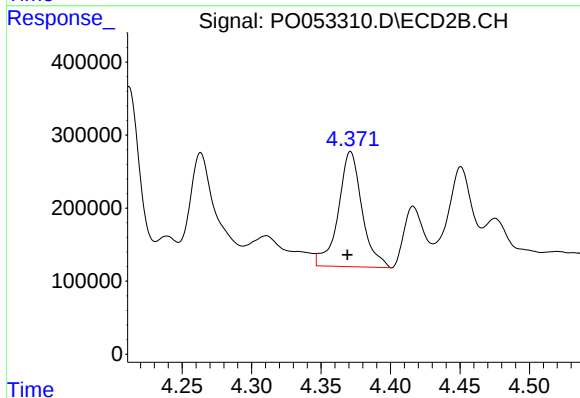
R.T.: 4.212 min
Delta R.T.: 0.002 min
Response: 2383771
Conc: 321.82 ng/ml



#13 AR-1232-3

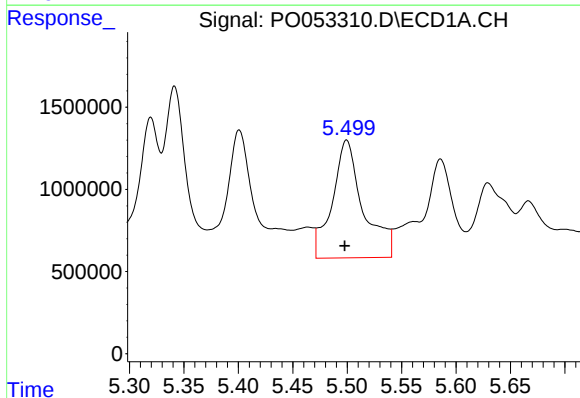
R.T.: 5.341 min
Delta R.T.: 0.002 min
Response: 14841983
Conc: 556.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



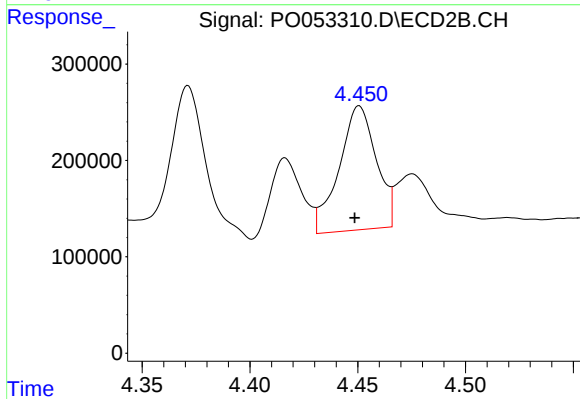
#13 AR-1232-3

R.T.: 4.371 min
Delta R.T.: 0.002 min
Response: 1878865
Conc: 464.84 ng/ml



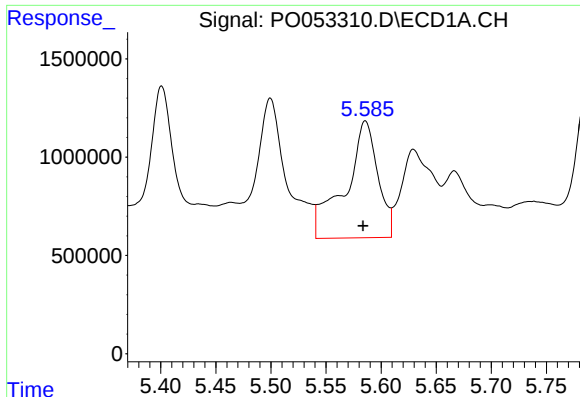
#14 AR-1232-4

R.T.: 5.499 min
Delta R.T.: 0.002 min
Response: 14136484
Conc: 1104.54 ng/ml



#14 AR-1232-4

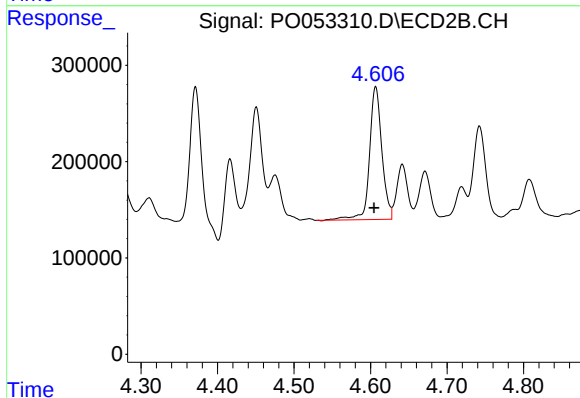
R.T.: 4.451 min
Delta R.T.: 0.002 min
Response: 1546580
Conc: 456.58 ng/ml



#15 AR-1232-5

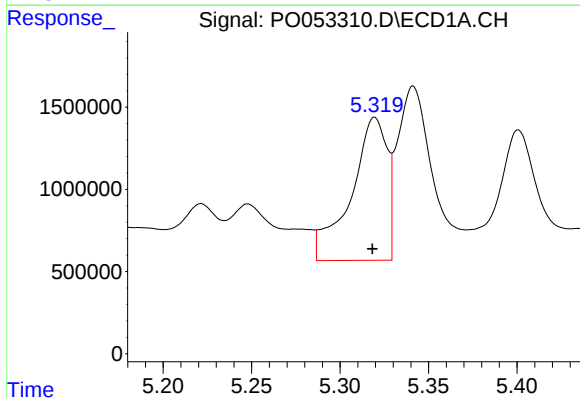
R.T.: 5.586 min
Delta R.T.: 0.002 min
Response: 12280446
Conc: 1544.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



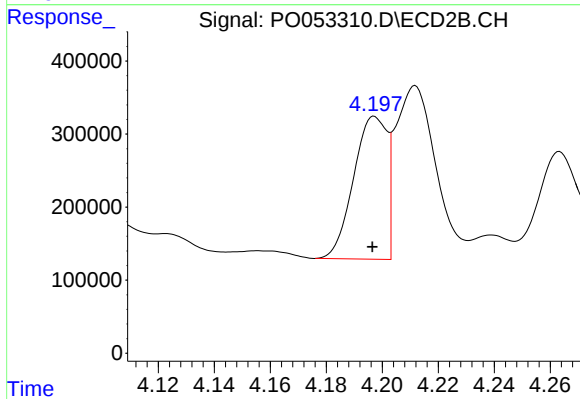
#15 AR-1232-5

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 1539481
Conc: 434.26 ng/ml



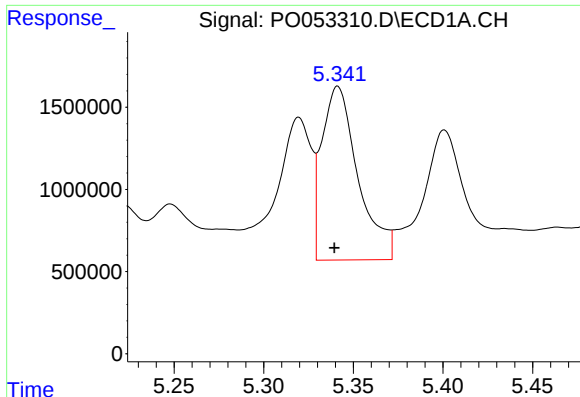
#16 AR-1242-1

R.T.: 5.320 min
Delta R.T.: 0.001 min
Response: 12418366
Conc: 368.48 ng/ml



#16 AR-1242-1

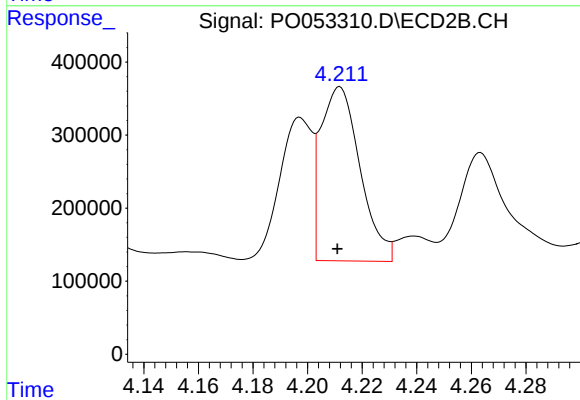
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 1609999
Conc: 187.59 ng/ml



#17 AR-1242-2

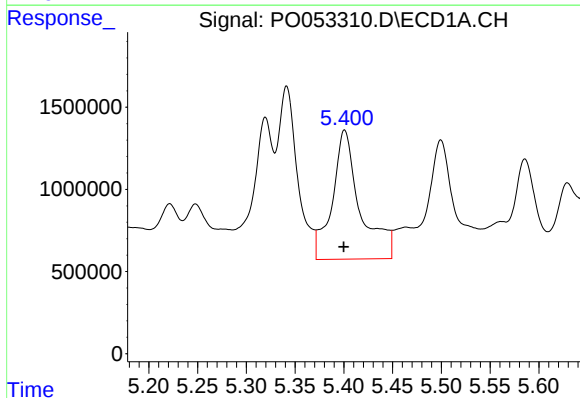
R.T.: 5.341 min
Delta R.T.: 0.002 min
Response: 14841983
Conc: 300.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



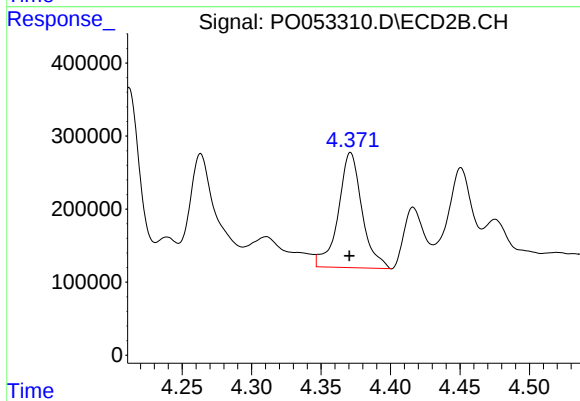
#17 AR-1242-2

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 2383771
Conc: 179.95 ng/ml



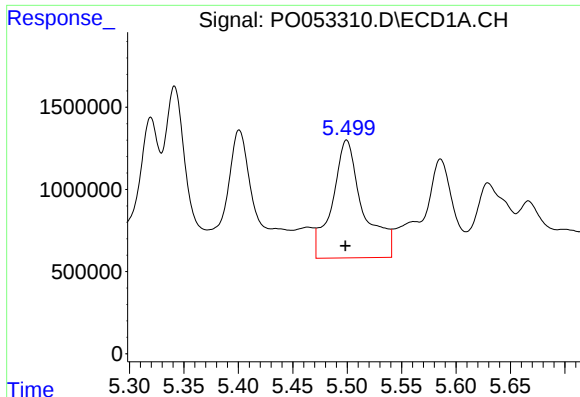
#18 AR-1242-3

R.T.: 5.401 min
Delta R.T.: 0.001 min
Response: 15566278
Conc: 525.45 ng/ml



#18 AR-1242-3

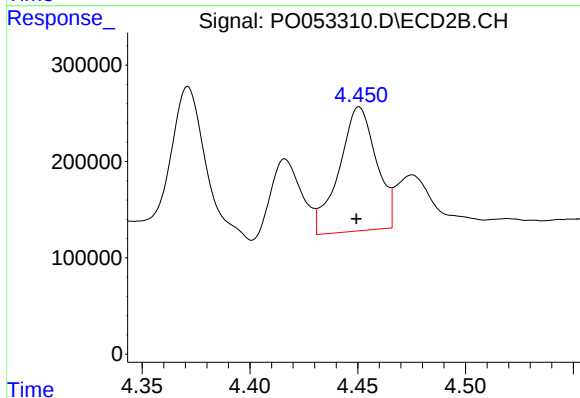
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 1878865
Conc: 261.92 ng/ml



#19 AR-1242-4

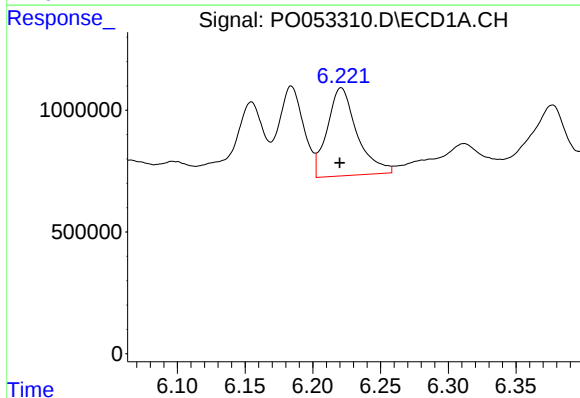
R.T.: 5.499 min
Delta R.T.: 0.001 min
Response: 14136484
Conc: 595.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



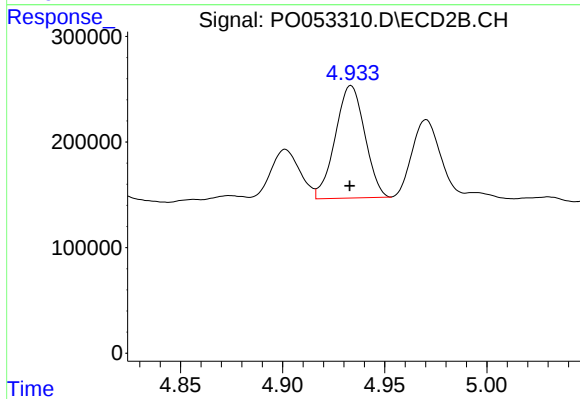
#19 AR-1242-4

R.T.: 4.451 min
Delta R.T.: 0.001 min
Response: 1546580
Conc: 229.20 ng/ml



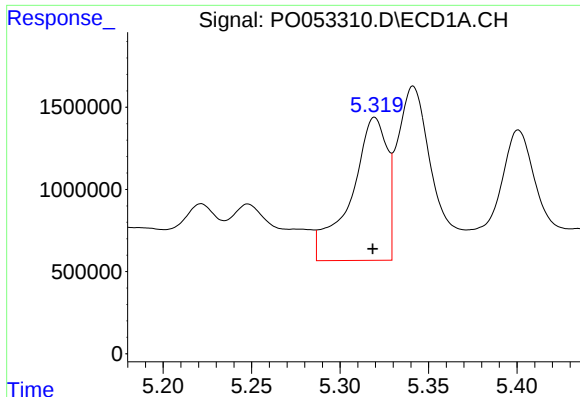
#20 AR-1242-5

R.T.: 6.221 min
Delta R.T.: 0.001 min
Response: 5531632
Conc: 237.28 ng/ml



#20 AR-1242-5

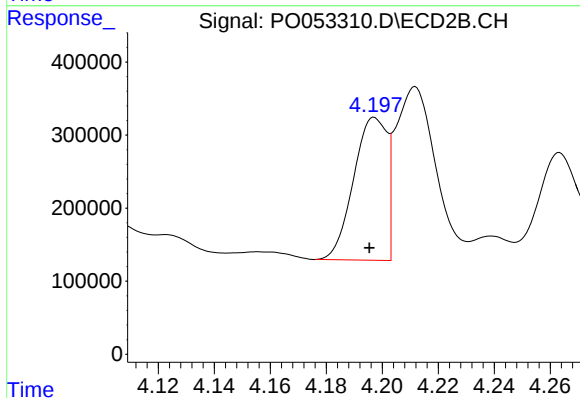
R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 1071072
Conc: 120.98 ng/ml



#21 AR-1248-1

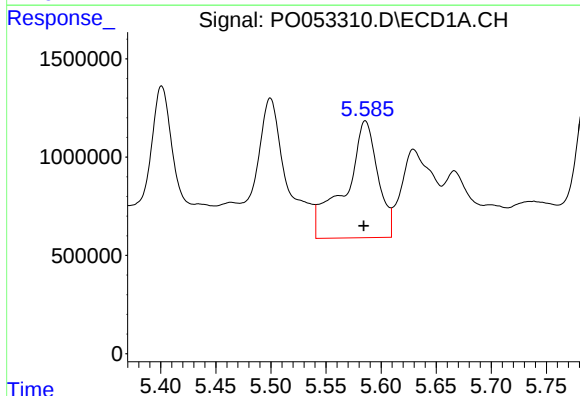
R.T.: 5.320 min
Delta R.T.: 0.001 min
Response: 12418366
Conc: 503.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



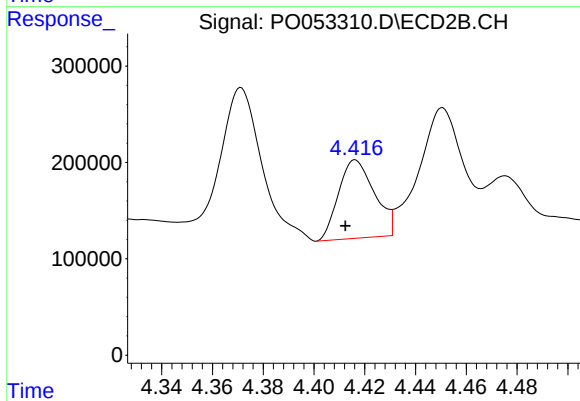
#21 AR-1248-1

R.T.: 4.197 min
Delta R.T.: 0.002 min
Response: 1609999
Conc: 240.99 ng/ml



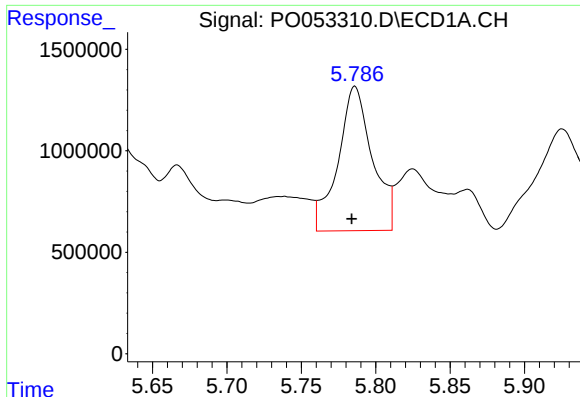
#22 AR-1248-2

R.T.: 5.586 min
Delta R.T.: 0.002 min
Response: 12280446
Conc: 401.52 ng/ml



#22 AR-1248-2

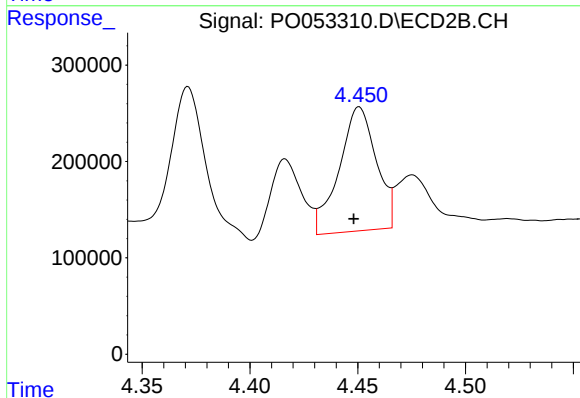
R.T.: 4.416 min
Delta R.T.: 0.004 min
Response: 798864
Conc: 89.14 ng/ml



#23 AR-1248-3

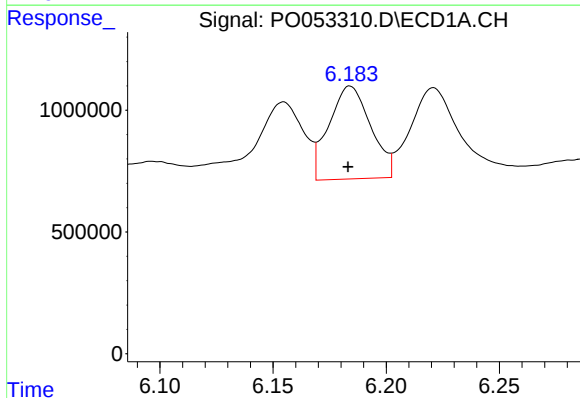
R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 11439308
Conc: 334.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



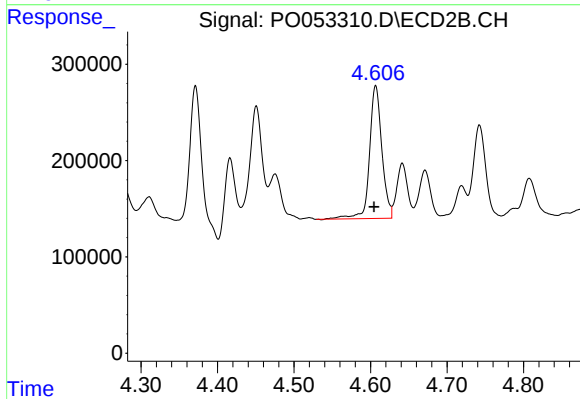
#23 AR-1248-3

R.T.: 4.451 min
Delta R.T.: 0.002 min
Response: 1546580
Conc: 167.33 ng/ml



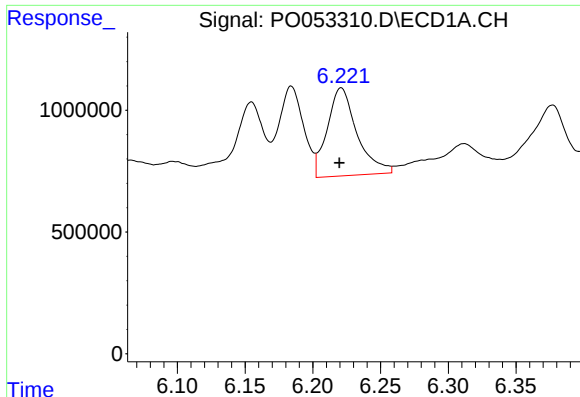
#24 AR-1248-4

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 4911507
Conc: 130.51 ng/ml



#24 AR-1248-4

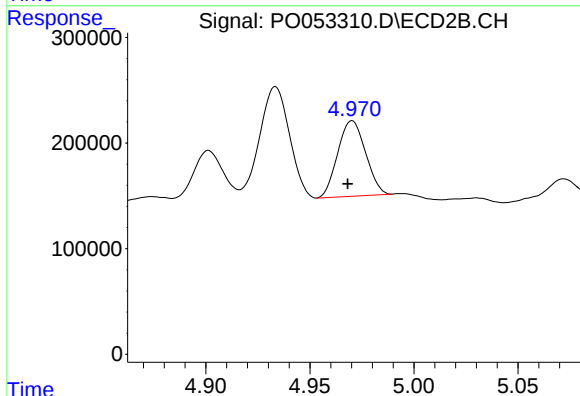
R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 1539481
Conc: 140.56 ng/ml



#25 AR-1248-5

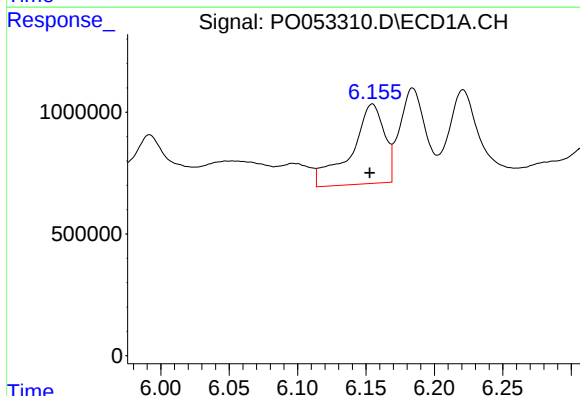
R.T.: 6.221 min
Delta R.T.: 0.001 min
Response: 5531632
Conc: 153.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



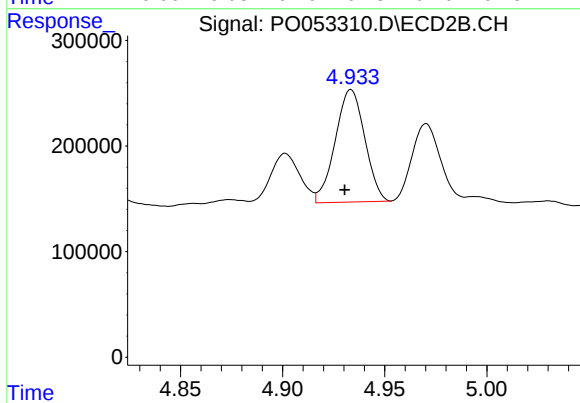
#25 AR-1248-5

R.T.: 4.970 min
Delta R.T.: 0.002 min
Response: 665846
Conc: 60.07 ng/ml



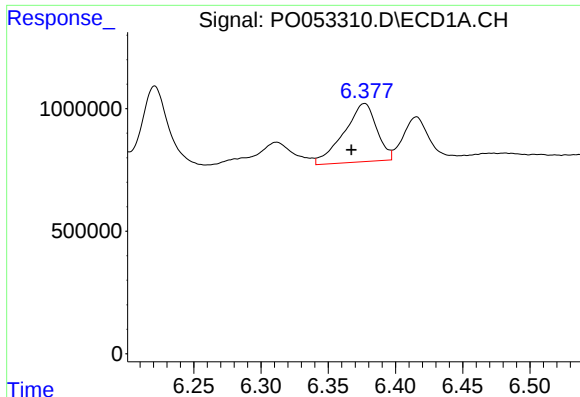
#26 AR-1254-1

R.T.: 6.155 min
Delta R.T.: 0.002 min
Response: 5526166
Conc: 130.92 ng/ml



#26 AR-1254-1

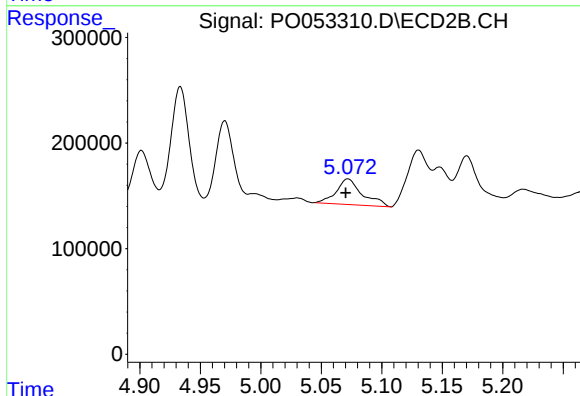
R.T.: 4.934 min
Delta R.T.: 0.003 min
Response: 1071072
Conc: 54.28 ng/ml



#27 AR-1254-2

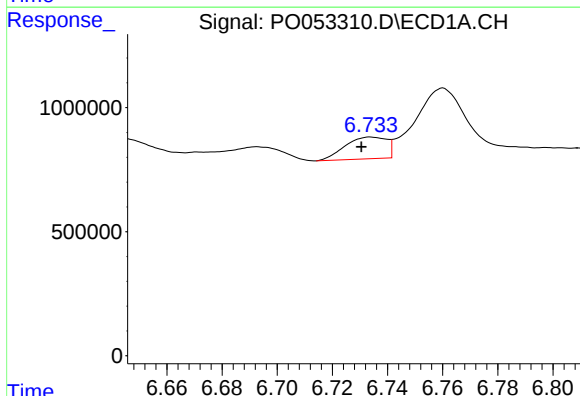
R.T.: 6.377 min
Delta R.T.: 0.010 min
Response: 4037501
Conc: 63.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



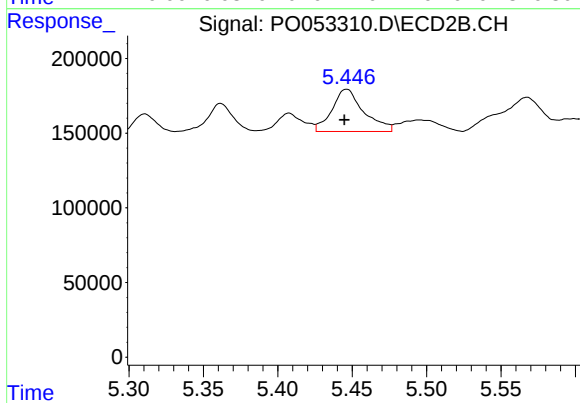
#27 AR-1254-2

R.T.: 5.072 min
Delta R.T.: 0.002 min
Response: 362321
Conc: 22.08 ng/ml



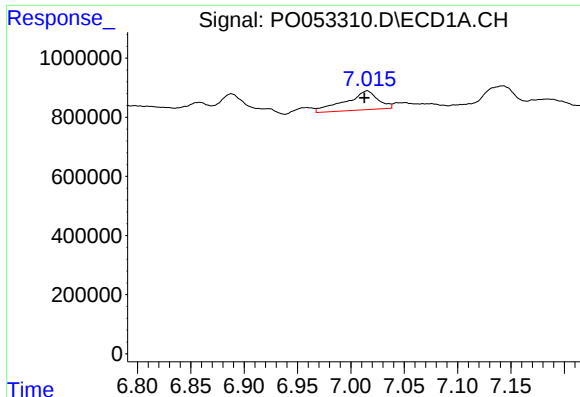
#28 AR-1254-3

R.T.: 6.734 min
Delta R.T.: 0.003 min
Response: 915627
Conc: 13.96 ng/ml



#28 AR-1254-3

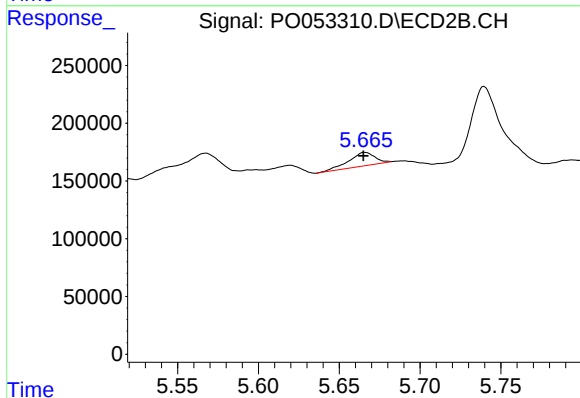
R.T.: 5.446 min
Delta R.T.: 0.002 min
Response: 421527
Conc: 16.66 ng/ml



#29 AR-1254-4

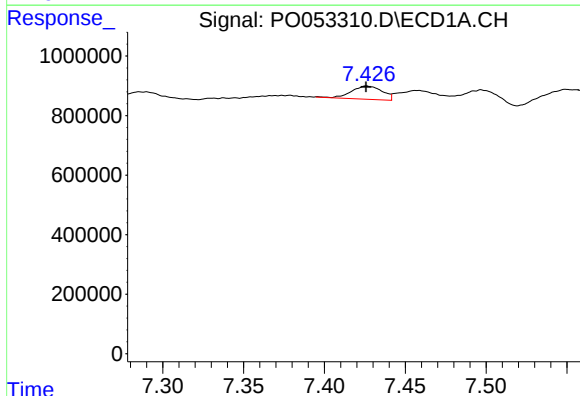
R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 1355876
Conc: 28.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



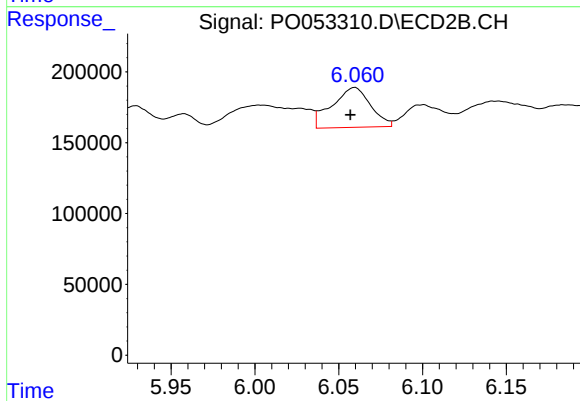
#29 AR-1254-4

R.T.: 5.666 min
Delta R.T.: 0.001 min
Response: 131908
Conc: 8.04 ng/ml



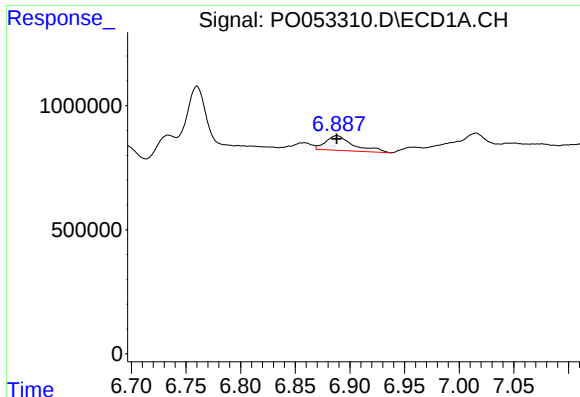
#30 AR-1254-5

R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 594433
Conc: 12.83 ng/ml



#30 AR-1254-5

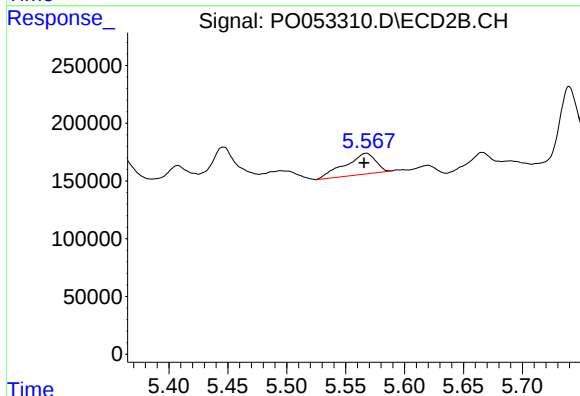
R.T.: 6.059 min
Delta R.T.: 0.002 min
Response: 449927
Conc: 21.40 ng/ml



#31 AR-1260-1

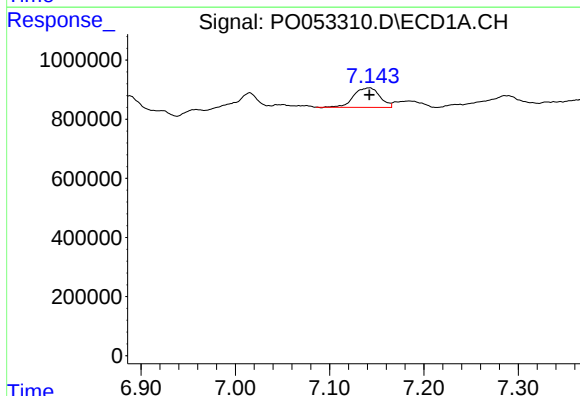
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 1054831
Conc: 26.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



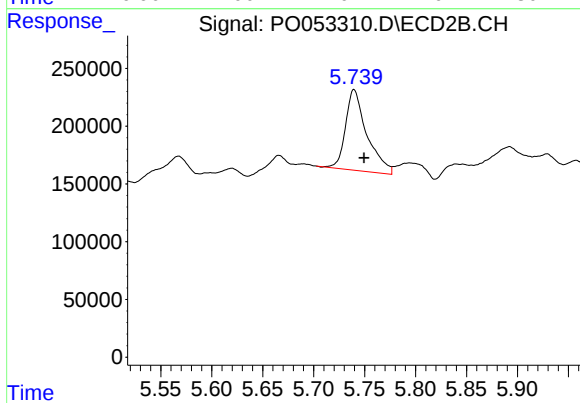
#31 AR-1260-1

R.T.: 5.567 min
Delta R.T.: 0.002 min
Response: 326747
Conc: 21.99 ng/ml



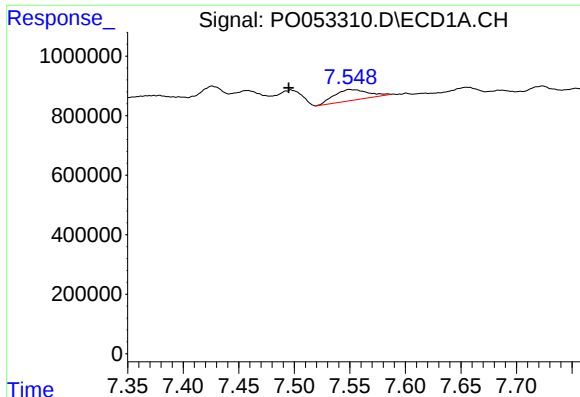
#32 AR-1260-2

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 1265911
Conc: 26.43 ng/ml



#32 AR-1260-2

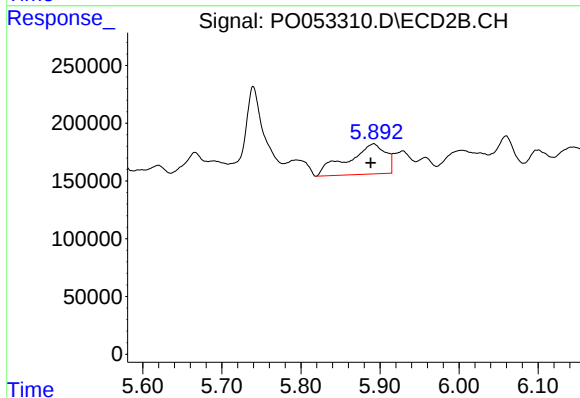
R.T.: 5.740 min
Delta R.T.: -0.010 min
Response: 1022723
Conc: 56.65 ng/ml



#33 AR-1260-3

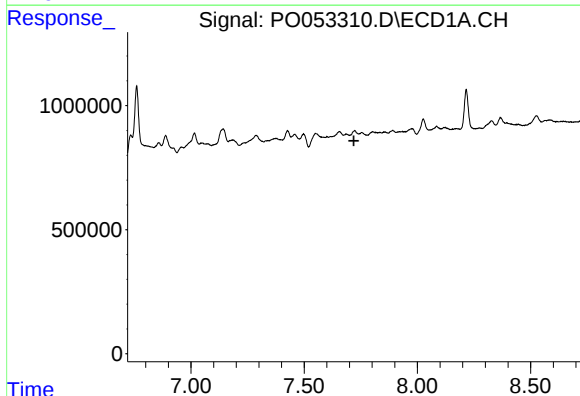
R.T.: 7.550 min
Delta R.T.: 0.055 min
Response: 768804
Conc: 25.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



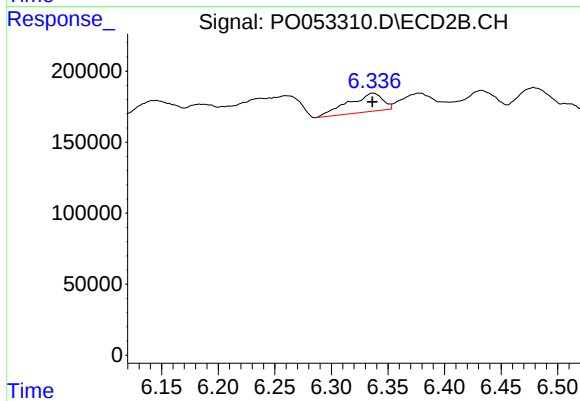
#33 AR-1260-3

R.T.: 5.892 min
Delta R.T.: 0.004 min
Response: 871260
Conc: 53.31 ng/ml



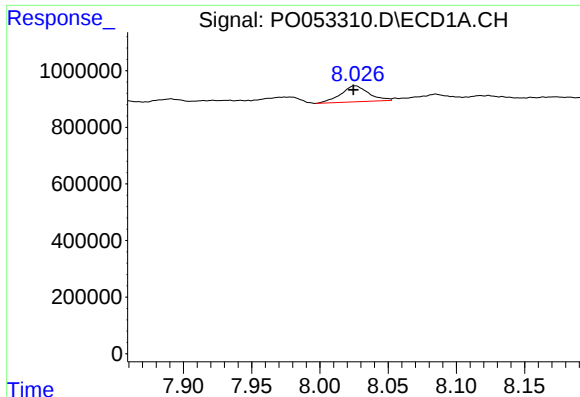
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.719 min
Response: 0
Conc: N.D.



#34 AR-1260-4

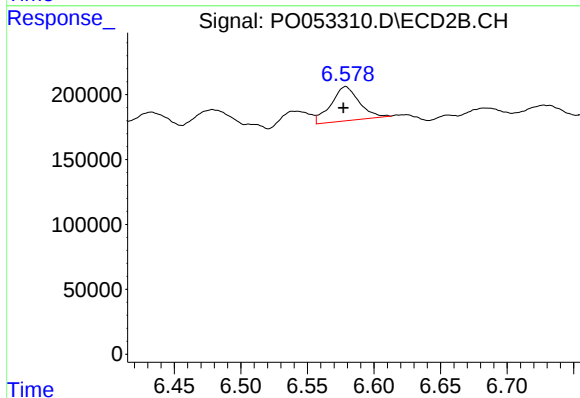
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 276681
Conc: 26.39 ng/ml



#35 AR-1260-5

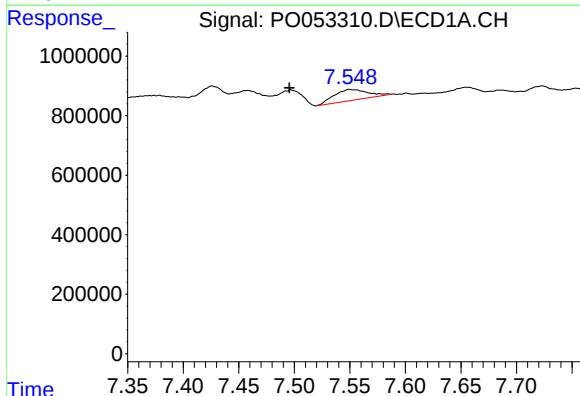
R.T.: 8.026 min
Delta R.T.: 0.001 min
Response: 797628
Conc: 11.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



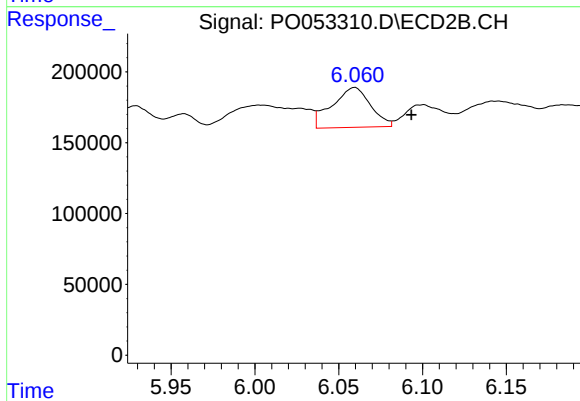
#35 AR-1260-5

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 389560
Conc: 15.14 ng/ml



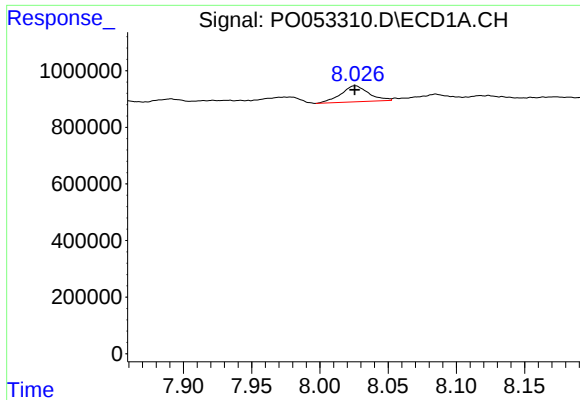
#36 AR-1262-1

R.T.: 7.550 min
Delta R.T.: 0.054 min
Response: 768804
Conc: 12.77 ng/ml



#36 AR-1262-1

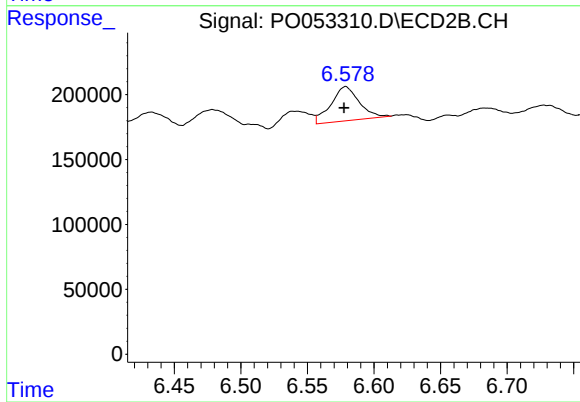
R.T.: 6.059 min
Delta R.T.: -0.034 min
Response: 449927
Conc: 20.71 ng/ml



#37 AR-1262-2

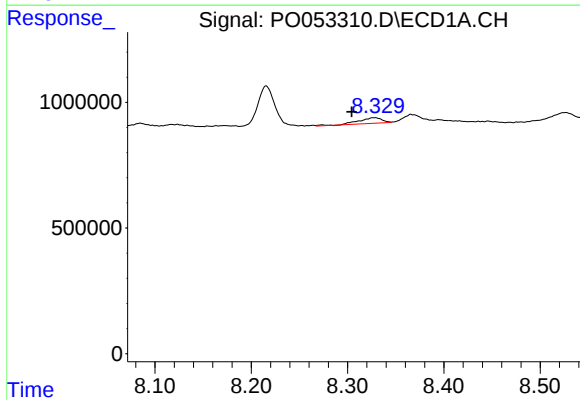
R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 797628
Conc: 7.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



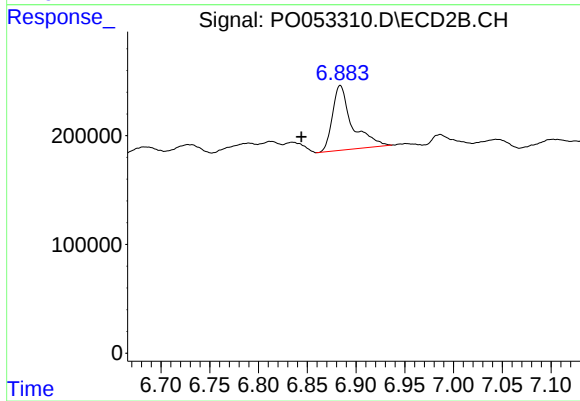
#37 AR-1262-2

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 389560
Conc: 10.76 ng/ml



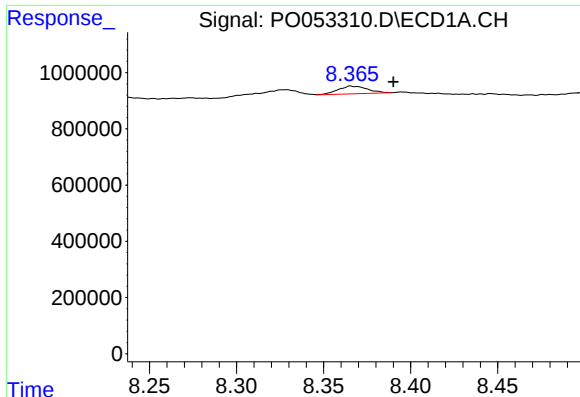
#38 AR-1262-3

R.T.: 8.328 min
Delta R.T.: 0.023 min
Response: 373597
Conc: 8.06 ng/ml



#38 AR-1262-3

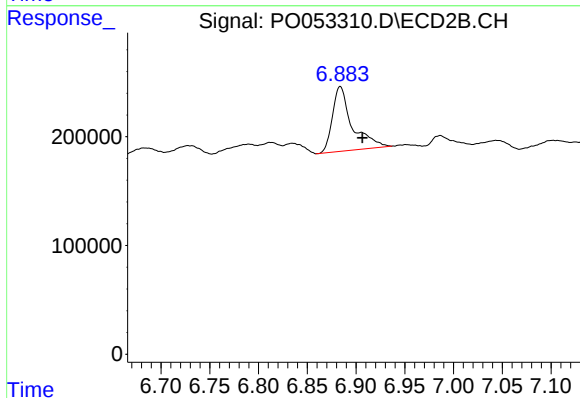
R.T.: 6.884 min
Delta R.T.: 0.040 min
Response: 833330
Conc: 58.78 ng/ml



#39 AR-1262-4

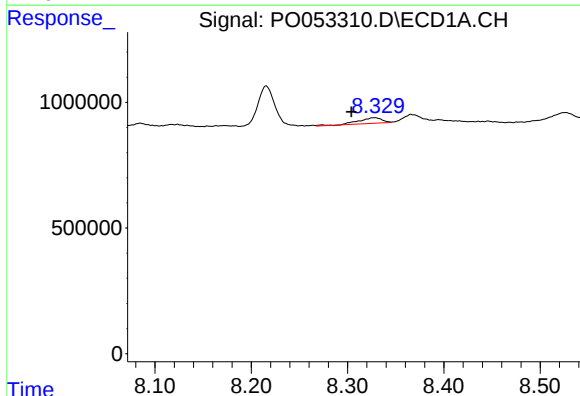
R.T.: 8.366 min
Delta R.T.: -0.024 min
Response: 325520
Conc: 6.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



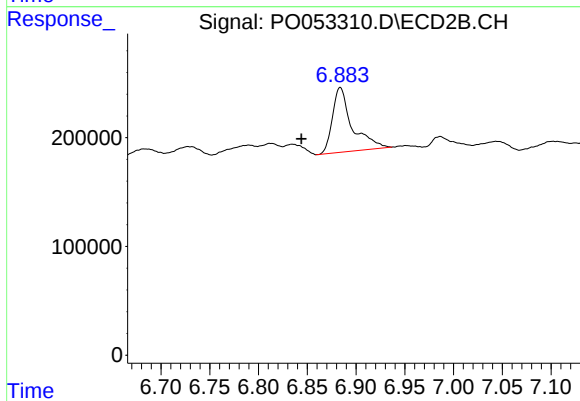
#39 AR-1262-4

R.T.: 6.884 min
Delta R.T.: -0.023 min
Response: 833330
Conc: 31.56 ng/ml



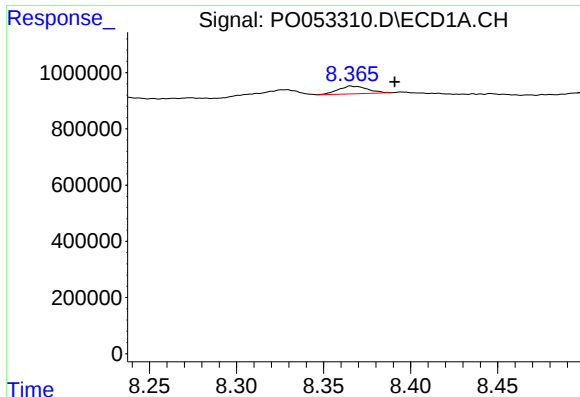
#41 AR-1268-1

R.T.: 8.328 min
Delta R.T.: 0.024 min
Response: 373597
Conc: 2.91 ng/ml



#41 AR-1268-1

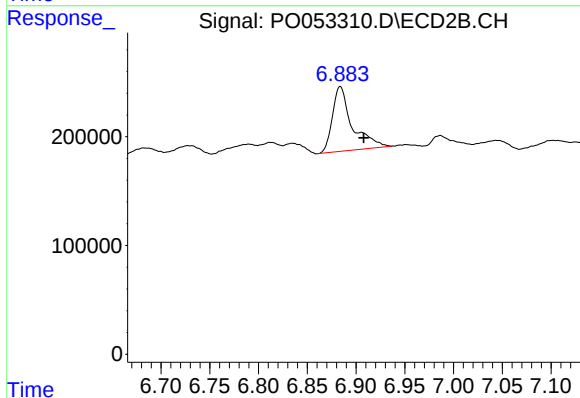
R.T.: 6.884 min
Delta R.T.: 0.040 min
Response: 833330
Conc: 19.76 ng/ml



#42 AR-1268-2

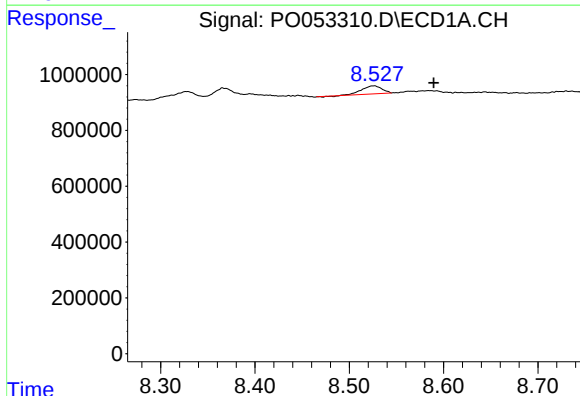
R.T.: 8.366 min
Delta R.T.: -0.025 min
Response: 325520
Conc: 2.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



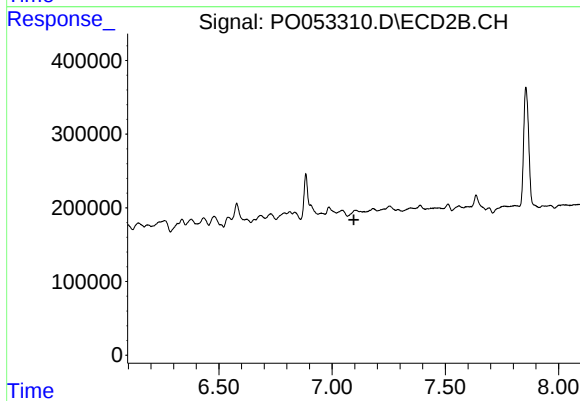
#42 AR-1268-2

R.T.: 6.884 min
Delta R.T.: -0.024 min
Response: 833330
Conc: 20.91 ng/ml



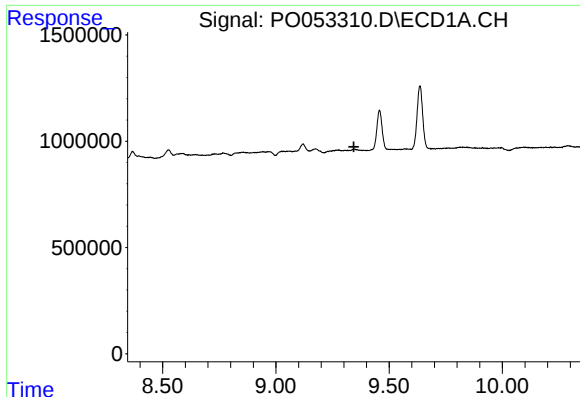
#43 AR-1268-3

R.T.: 8.526 min
Delta R.T.: -0.064 min
Response: 422191
Conc: 3.86 ng/ml



#43 AR-1268-3

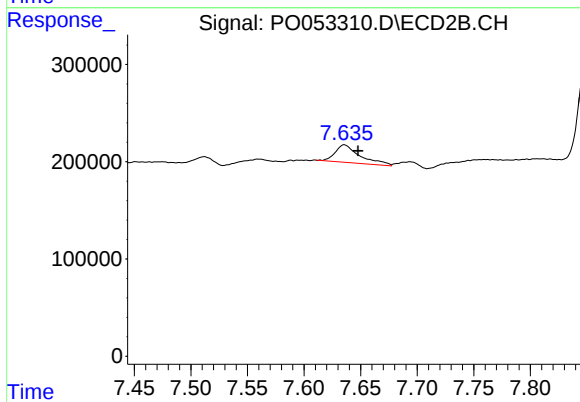
R.T.: 0.000 min
Exp R.T. : 7.096 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 276576
Conc: 2.79 ng/ml