

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082619\
 Data File : P0059851.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Aug 2019 14:03
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 14:35:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.136	3.496	1894184	1725204	54.100	47.928
2)	SA Decachlor...	9.605	8.358	2503609	2056104	47.060	50.993
Target Compounds							
3)	L1 AR-1016-1	5.286	4.547	775646	583408	483.608	431.534
4)	L1 AR-1016-2	5.306	4.564	1197337	879102	500.455	438.891
5)	L1 AR-1016-3	5.366	4.736	745876	485222	500.748	448.508
6)	L1 AR-1016-4	5.465	4.777	389947	422762	322.337	468.179 #
7)	L1 AR-1016-5	5.791	4.985	-86326	414728	N.D.	360.030 #
8)	L2 AR-1221-1	4.344	3.700	66164	52884	156.242	131.753
9)	L2 AR-1221-2	4.433	3.786	97002	77981	298.656	255.989
10)	L2 AR-1221-3	4.508	3.858	375438	304950	356.926	311.668
11)	L3 AR-1232-1	4.508	3.858	375438	304950	301.209	267.470
12)	L3 AR-1232-2	5.023	4.593	562650	95587	796.508	75.054 #
13)	L3 AR-1232-3	5.306	4.736	1197337	485222	781.875	712.608
14)	L3 AR-1232-4	5.465	4.846	389947	197812	498.730	324.252 #
15)	L3 AR-1232-5	5.551	4.985	553563	414728	920.871	609.235 #
16)	L4 AR-1242-1	5.306	4.564	1197337	879102	943.144	854.609
17)	L4 AR-1242-2	5.306	4.593	1197337	95587	645.238	62.759 #
18)	L4 AR-1242-3	5.366	4.736	745876	485222	638.134	580.755
19)	L4 AR-1242-4	5.465	4.846	389947	197812	402.889	237.076 #
20)	L4 AR-1242-5	6.188	5.328	105886	405808	84.264	362.781 #
21)	L5 AR-1248-1	5.286	4.547	775646	583408	773.671	704.578
22)	L5 AR-1248-2	5.551	4.777	553563	422762	381.529	366.623
23)	L5 AR-1248-3	5.791	4.817	-86326	497864	N.D.	419.166 #
24)	L5 AR-1248-4	6.150	4.985	129418	414728	63.313	285.413 #
25)	L5 AR-1248-5	6.188	5.368	105886	66961	53.395	46.784
26)	L6 AR-1254-1	6.122	5.328	476401	405808	228.334	171.097 #
27)	L6 AR-1254-2	6.336	5.473	537295	377473	161.048	179.894
28)	L6 AR-1254-3	6.702	5.880	299463	755147	84.393	224.578 #
29)	L6 AR-1254-4	6.983	6.095	237980	88036	80.793	42.698 #
30)	L6 AR-1254-5	7.399	6.502	2155683	1261680	697.092	406.341 #
31)	L7 AR-1260-1	6.860	5.994	1270429	1044139	471.259	458.176
32)	L7 AR-1260-2	7.115	6.181	1652112	1311354	445.256	447.580
33)	L7 AR-1260-3	7.469	6.329	1509886	1189213	460.846	448.906
34)	L7 AR-1260-4	7.695	6.792	1503372	1018351	489.487	450.084
35)	L7 AR-1260-5	8.003	7.035	3094843	2424651	437.069	440.580
36)	L8 AR-1262-1	7.469	6.537	1509886	1287563	311.131	345.418
37)	L8 AR-1262-2	8.003	7.035	3094843	2424651	401.100	412.422
38)	L8 AR-1262-3	8.302	7.309	1153738	631776	226.121	248.636
39)	L8 AR-1262-4	8.350	7.375	1599467	1827889	414.936	413.648
40)	L8 AR-1262-5	8.958	7.912	963388	-321329	375.361	N.D. #
41)	L9 AR-1268-1	8.302	7.309	1153738	631776	122.599	88.721 #

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Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

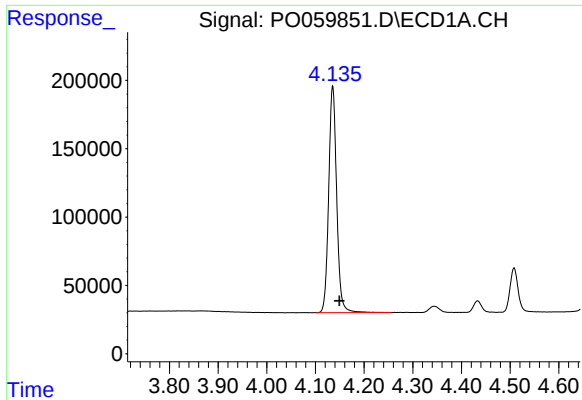
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 14:35:35 2019
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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	8.350	7.375	1599467	1827889	202.909	283.481 #
43)	L9 AR-1268-3	8.564	7.570	293950	46254	41.702	8.453 #
44)	L9 AR-1268-4	8.958	7.912	963388	-321329	346.537	N.D. #
45)	L9 AR-1268-5	9.317	8.134	385053	103653	20.879	7.134 #

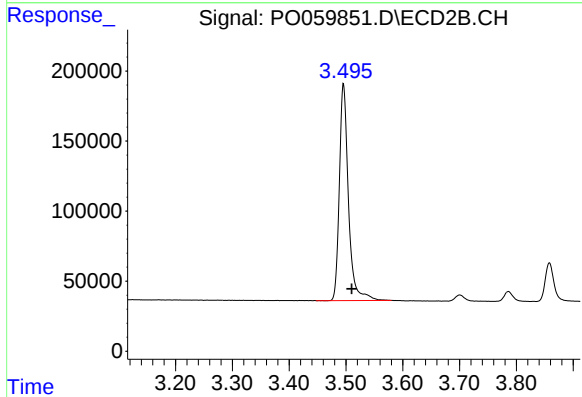
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

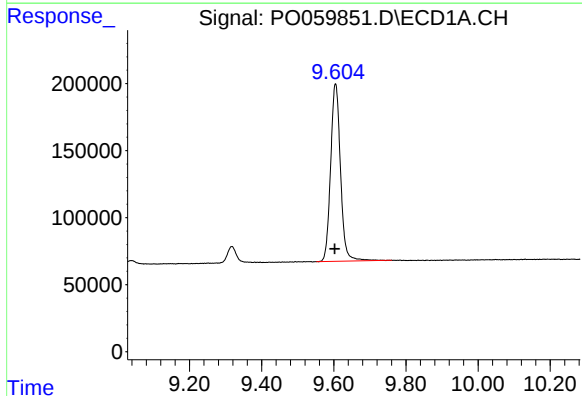
R.T.: 4.136 min
Delta R.T.: -0.013 min
Response: 1894184
Conc: 54.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



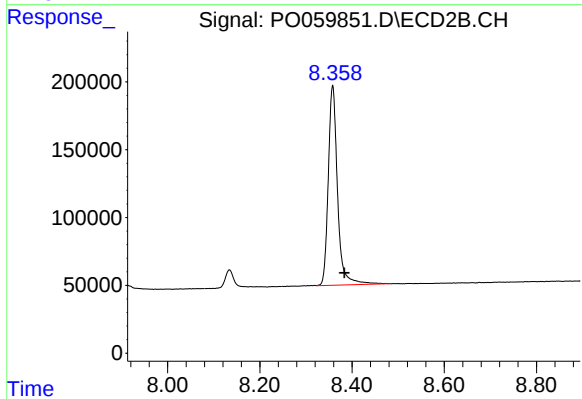
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.014 min
Response: 1725204
Conc: 47.93 ng/ml



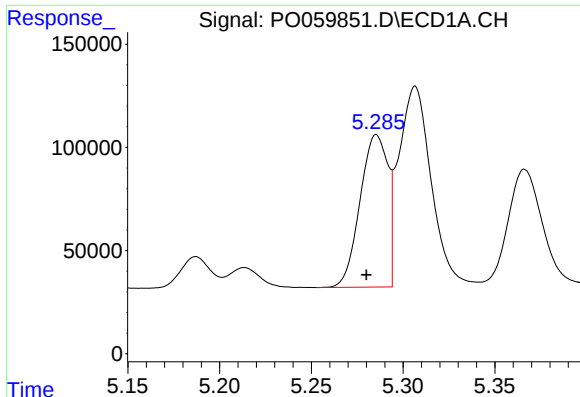
#2 Decachlorobiphenyl

R.T.: 9.605 min
Delta R.T.: 0.002 min
Response: 2503609
Conc: 47.06 ng/ml



#2 Decachlorobiphenyl

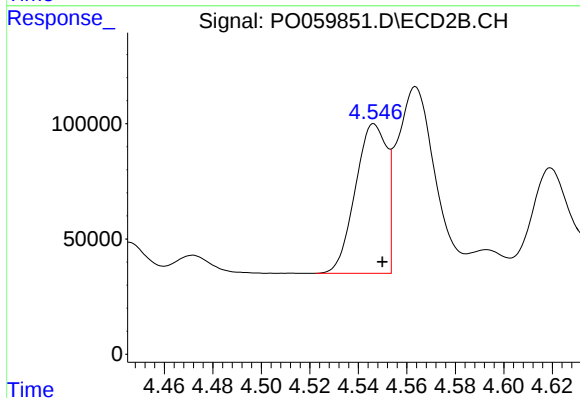
R.T.: 8.358 min
Delta R.T.: -0.025 min
Response: 2056104
Conc: 50.99 ng/ml



#3 AR-1016-1

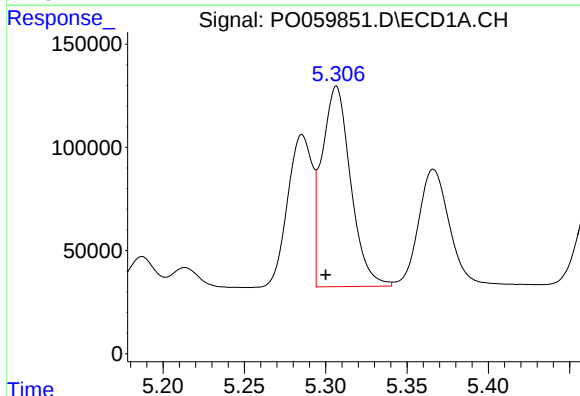
R.T.: 5.286 min
Delta R.T.: 0.006 min
Response: 775646
Conc: 483.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



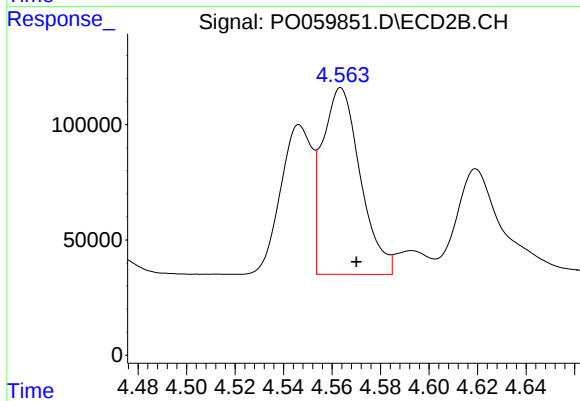
#3 AR-1016-1

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 583408
Conc: 431.53 ng/ml



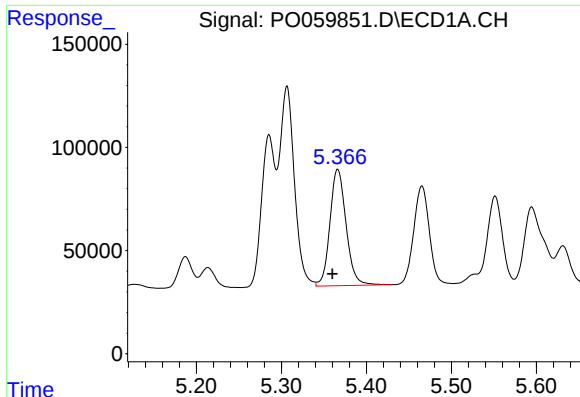
#4 AR-1016-2

R.T.: 5.306 min
Delta R.T.: 0.006 min
Response: 1197337
Conc: 500.46 ng/ml



#4 AR-1016-2

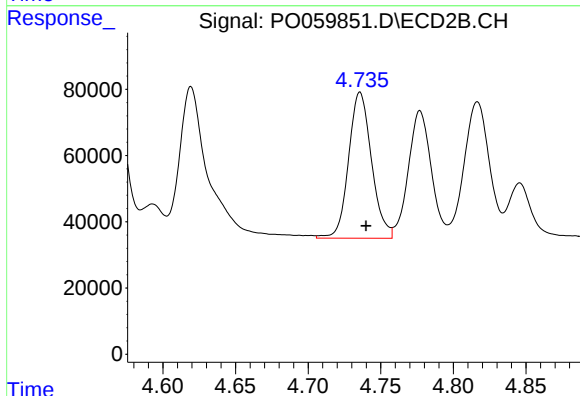
R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 879102
Conc: 438.89 ng/ml



#5 AR-1016-3

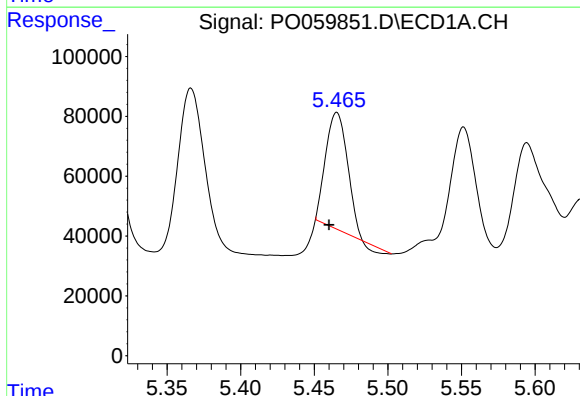
R.T.: 5.366 min
Delta R.T.: 0.006 min
Response: 745876
Conc: 500.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



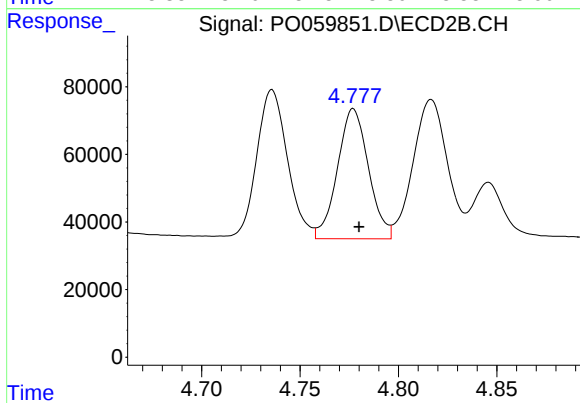
#5 AR-1016-3

R.T.: 4.736 min
Delta R.T.: -0.004 min
Response: 485222
Conc: 448.51 ng/ml



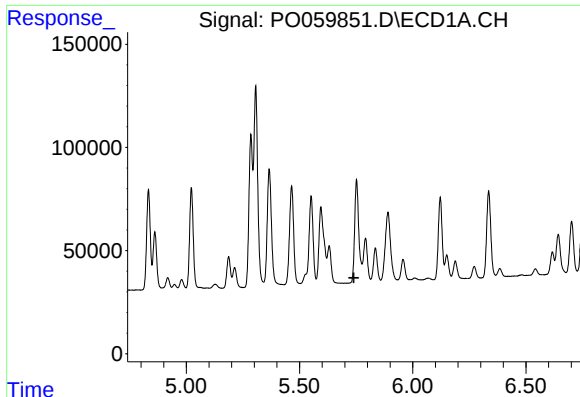
#6 AR-1016-4

R.T.: 5.465 min
Delta R.T.: 0.005 min
Response: 389947
Conc: 322.34 ng/ml



#6 AR-1016-4

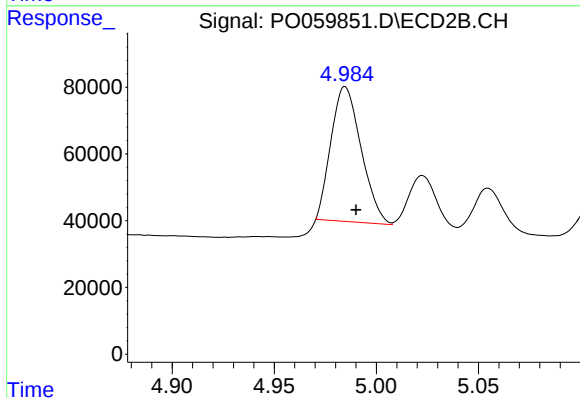
R.T.: 4.777 min
Delta R.T.: -0.003 min
Response: 422762
Conc: 468.18 ng/ml



#7 AR-1016-5

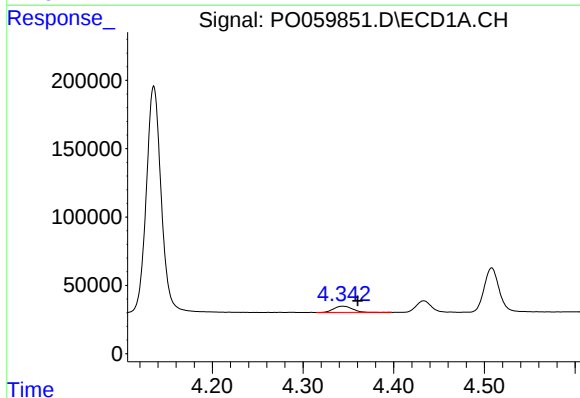
R.T.: 5.791 min
Delta R.T.: 0.051 min
Response: -86326
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



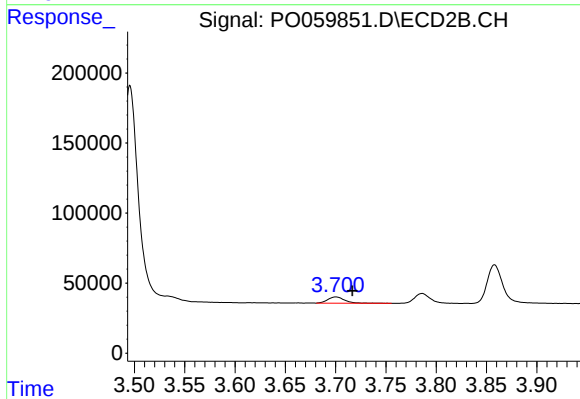
#7 AR-1016-5

R.T.: 4.985 min
Delta R.T.: -0.005 min
Response: 414728
Conc: 360.03 ng/ml



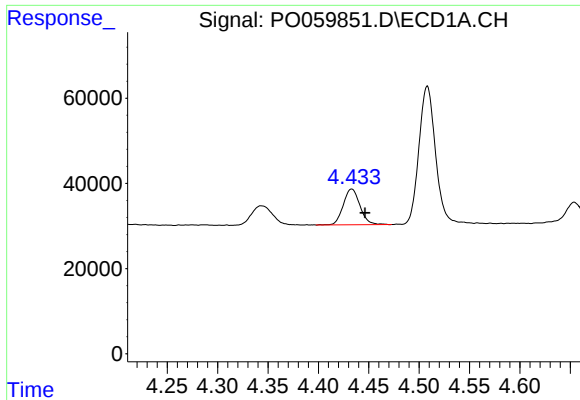
#8 AR-1221-1

R.T.: 4.344 min
Delta R.T.: -0.016 min
Response: 66164
Conc: 156.24 ng/ml



#8 AR-1221-1

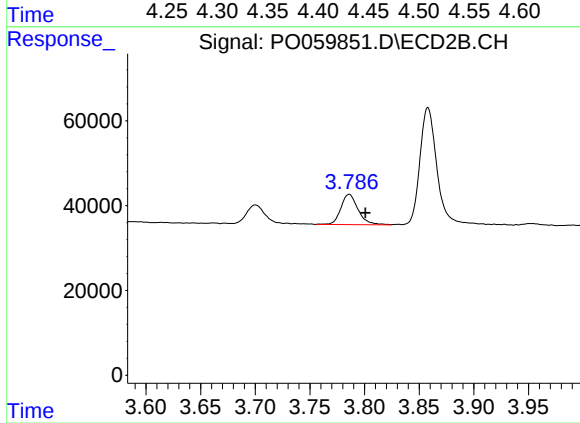
R.T.: 3.700 min
Delta R.T.: -0.016 min
Response: 52884
Conc: 131.75 ng/ml



#9 AR-1221-2

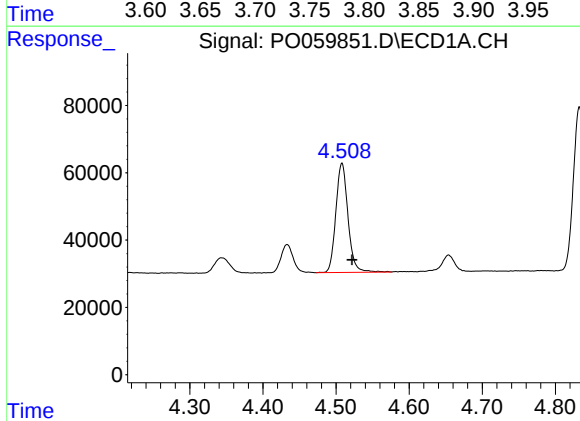
R.T.: 4.433 min
Delta R.T.: -0.013 min
Response: 97002
Conc: 298.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



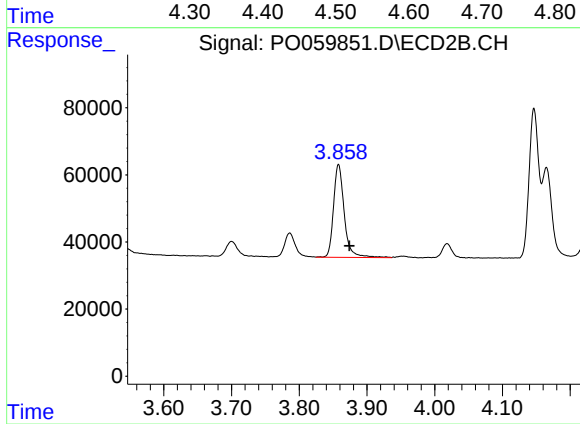
#9 AR-1221-2

R.T.: 3.786 min
Delta R.T.: -0.015 min
Response: 77981
Conc: 255.99 ng/ml



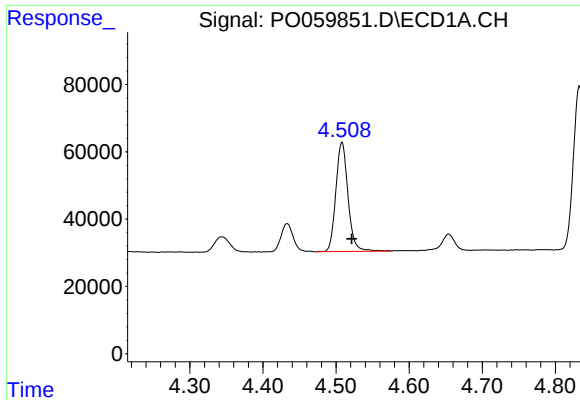
#10 AR-1221-3

R.T.: 4.508 min
Delta R.T.: -0.014 min
Response: 375438
Conc: 356.93 ng/ml



#10 AR-1221-3

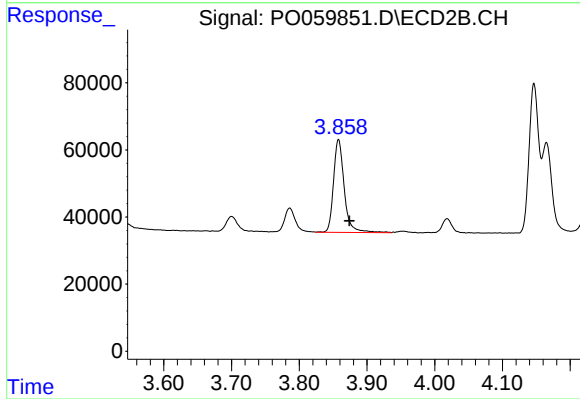
R.T.: 3.858 min
Delta R.T.: -0.016 min
Response: 304950
Conc: 311.67 ng/ml



#11 AR-1232-1

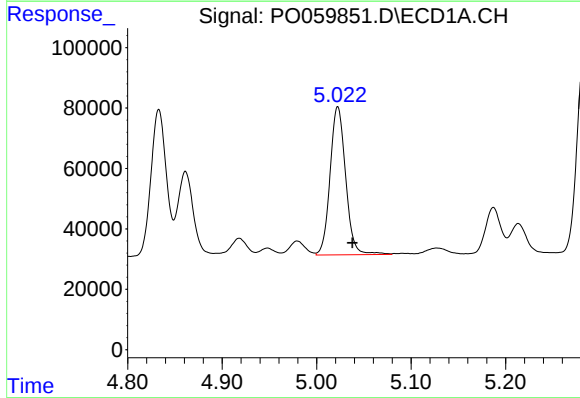
R.T.: 4.508 min
Delta R.T.: -0.013 min
Response: 375438
Conc: 301.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



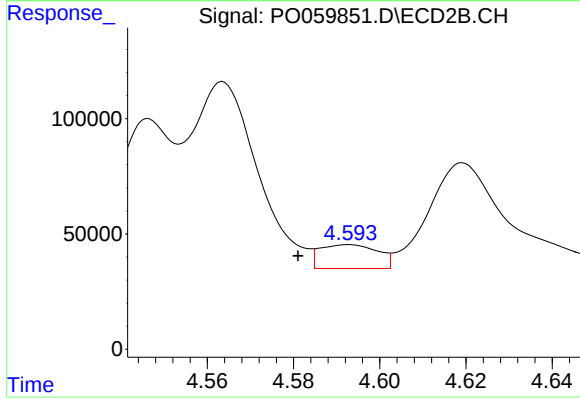
#11 AR-1232-1

R.T.: 3.858 min
Delta R.T.: -0.016 min
Response: 304950
Conc: 267.47 ng/ml



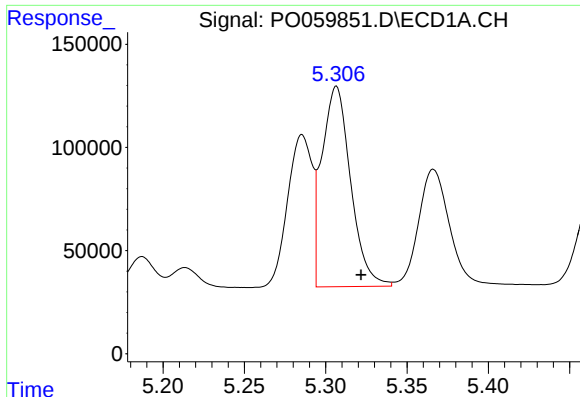
#12 AR-1232-2

R.T.: 5.023 min
Delta R.T.: -0.015 min
Response: 562650
Conc: 796.51 ng/ml



#12 AR-1232-2

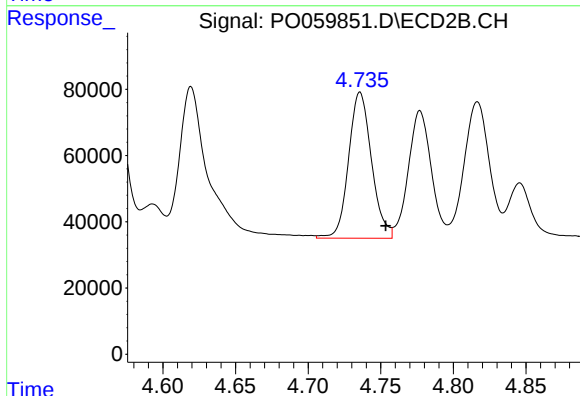
R.T.: 4.593 min
Delta R.T.: 0.012 min
Response: 95587
Conc: 75.05 ng/ml



#13 AR-1232-3

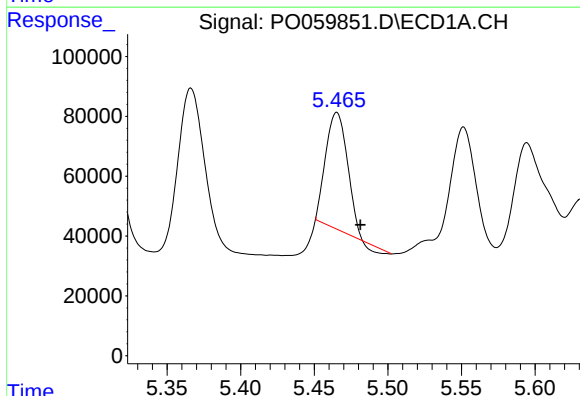
R.T.: 5.306 min
Delta R.T.: -0.015 min
Response: 1197337
Conc: 781.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



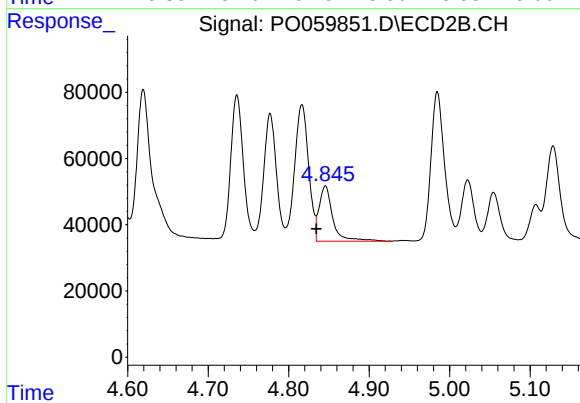
#13 AR-1232-3

R.T.: 4.736 min
Delta R.T.: -0.018 min
Response: 485222
Conc: 712.61 ng/ml



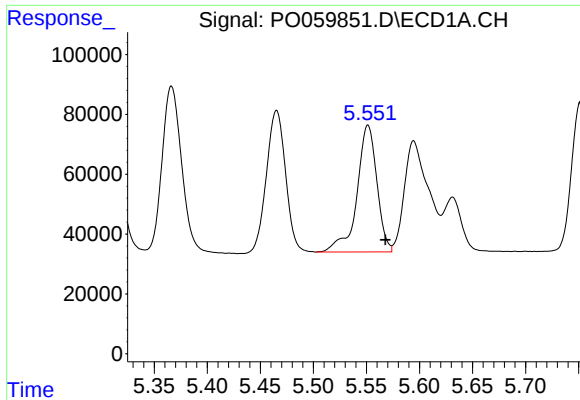
#14 AR-1232-4

R.T.: 5.465 min
Delta R.T.: -0.016 min
Response: 389947
Conc: 498.73 ng/ml



#14 AR-1232-4

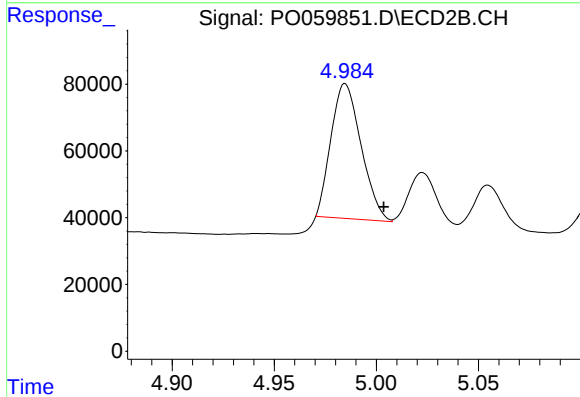
R.T.: 4.846 min
Delta R.T.: 0.011 min
Response: 197812
Conc: 324.25 ng/ml



#15 AR-1232-5

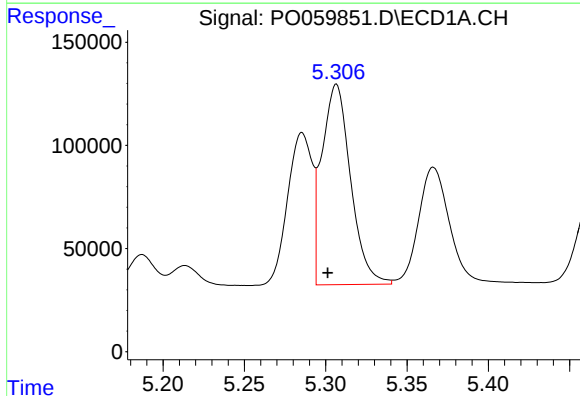
R.T.: 5.551 min
Delta R.T.: -0.016 min
Response: 553563
Conc: 920.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



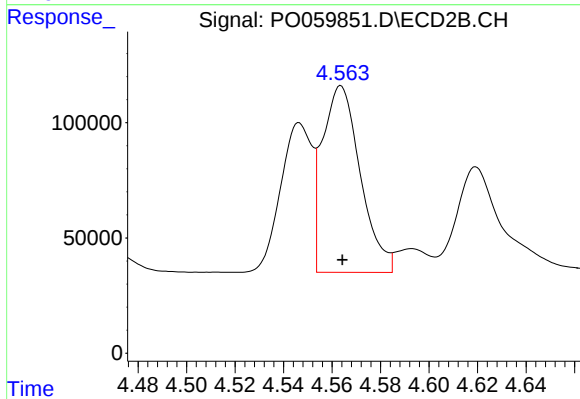
#15 AR-1232-5

R.T.: 4.985 min
Delta R.T.: -0.019 min
Response: 414728
Conc: 609.24 ng/ml



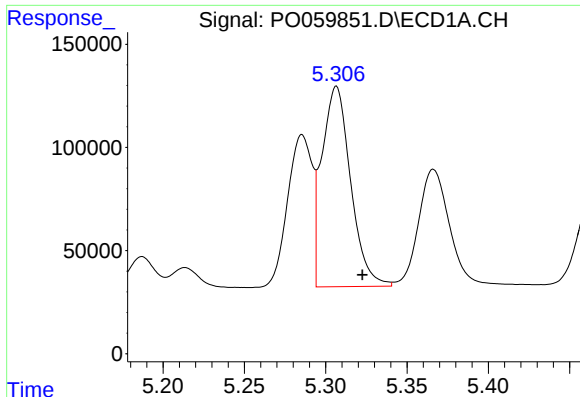
#16 AR-1242-1

R.T.: 5.306 min
Delta R.T.: 0.005 min
Response: 1197337
Conc: 943.14 ng/ml



#16 AR-1242-1

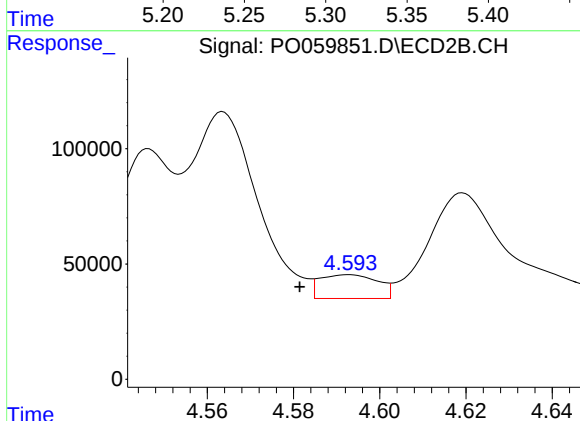
R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 879102
Conc: 854.61 ng/ml



#17 AR-1242-2

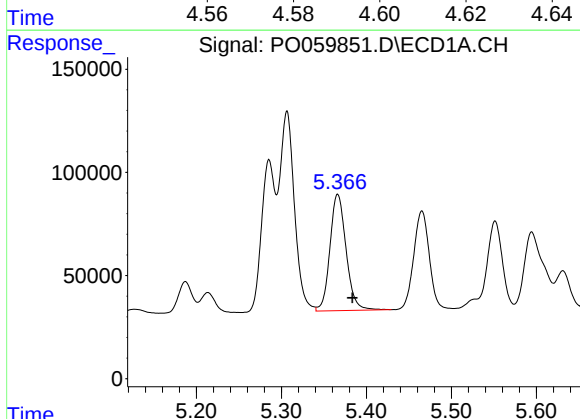
R.T.: 5.306 min
Delta R.T.: -0.016 min
Response: 1197337
Conc: 645.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



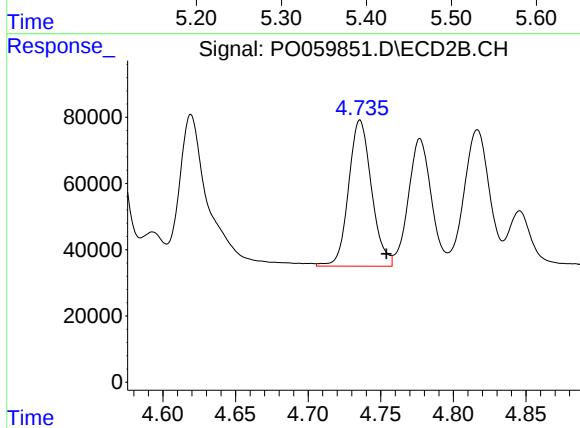
#17 AR-1242-2

R.T.: 4.593 min
Delta R.T.: 0.011 min
Response: 95587
Conc: 62.76 ng/ml



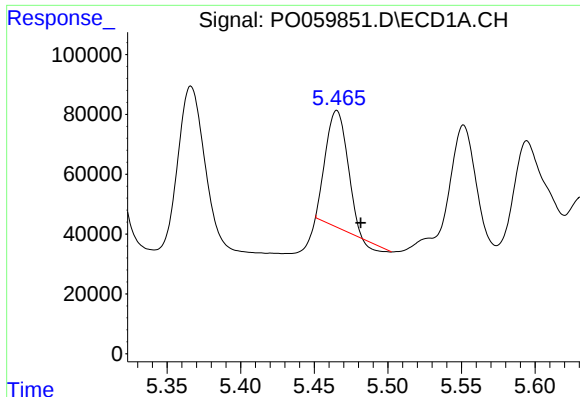
#18 AR-1242-3

R.T.: 5.366 min
Delta R.T.: -0.017 min
Response: 745876
Conc: 638.13 ng/ml



#18 AR-1242-3

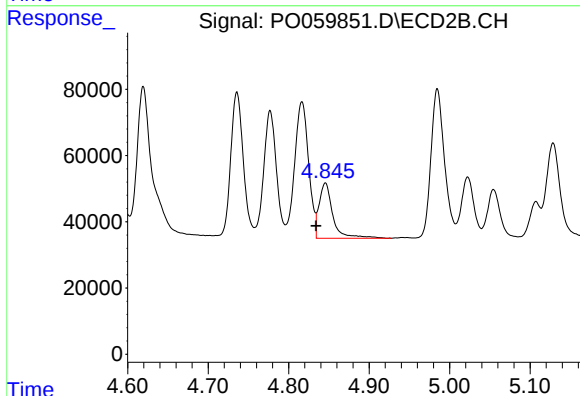
R.T.: 4.736 min
Delta R.T.: -0.018 min
Response: 485222
Conc: 580.76 ng/ml



#19 AR-1242-4

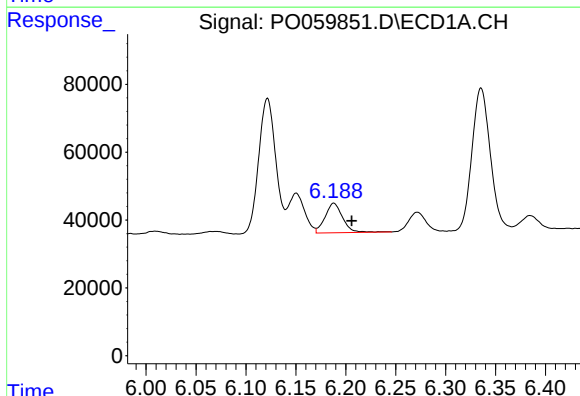
R.T.: 5.465 min
Delta R.T.: -0.016 min
Response: 389947
Conc: 402.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



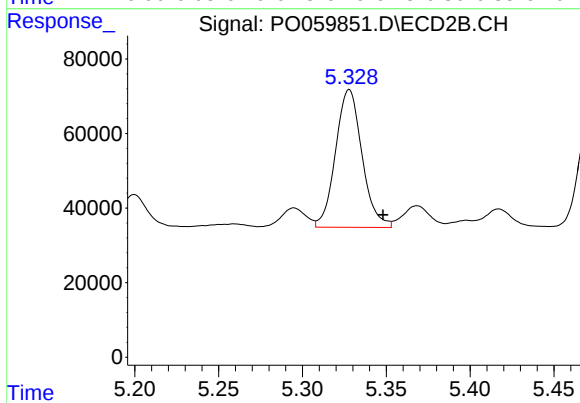
#19 AR-1242-4

R.T.: 4.846 min
Delta R.T.: 0.011 min
Response: 197812
Conc: 237.08 ng/ml



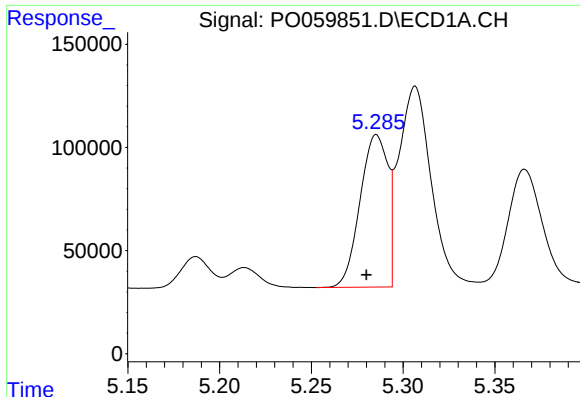
#20 AR-1242-5

R.T.: 6.188 min
Delta R.T.: -0.018 min
Response: 105886
Conc: 84.26 ng/ml



#20 AR-1242-5

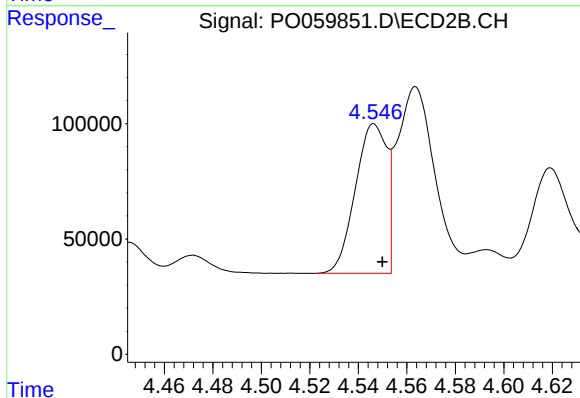
R.T.: 5.328 min
Delta R.T.: -0.020 min
Response: 405808
Conc: 362.78 ng/ml



#21 AR-1248-1

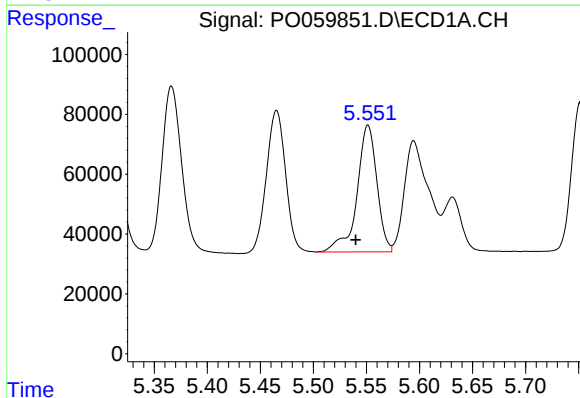
R.T.: 5.286 min
Delta R.T.: 0.006 min
Response: 775646
Conc: 773.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



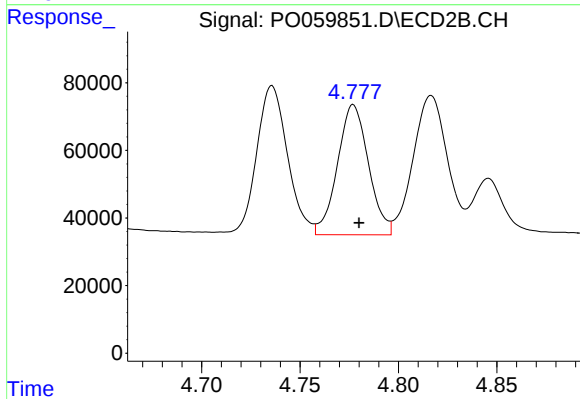
#21 AR-1248-1

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 583408
Conc: 704.58 ng/ml



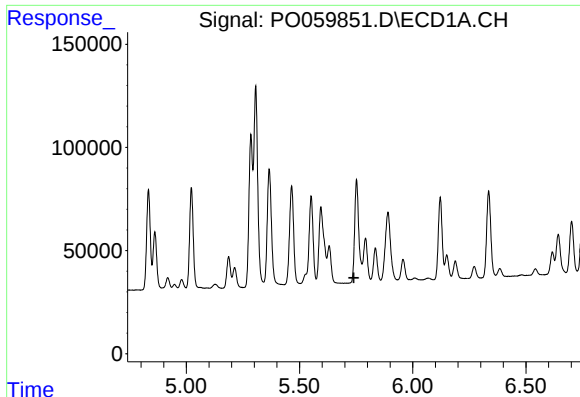
#22 AR-1248-2

R.T.: 5.551 min
Delta R.T.: 0.011 min
Response: 553563
Conc: 381.53 ng/ml



#22 AR-1248-2

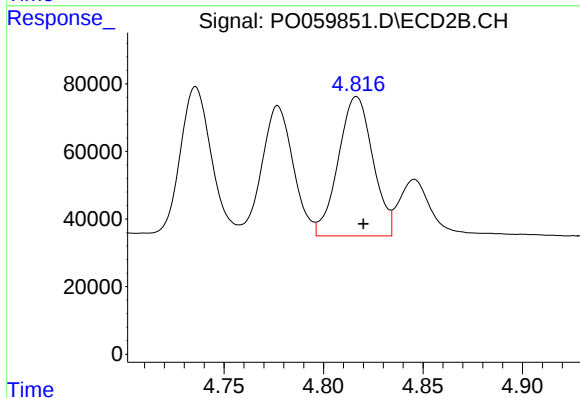
R.T.: 4.777 min
Delta R.T.: -0.003 min
Response: 422762
Conc: 366.62 ng/ml



#23 AR-1248-3

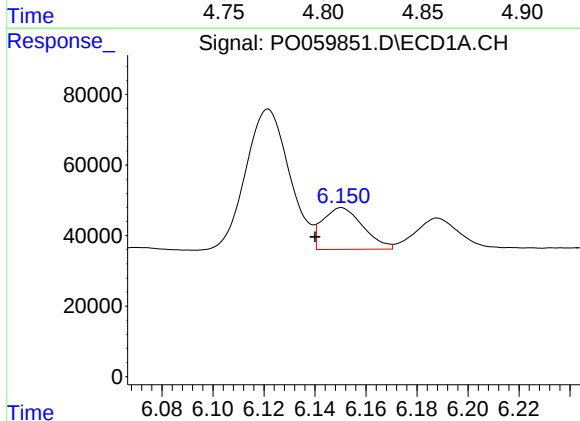
R.T.: 5.791 min
Delta R.T.: 0.051 min
Response: -86326
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



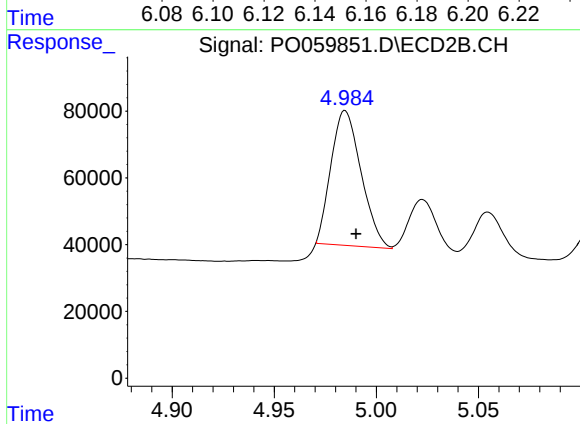
#23 AR-1248-3

R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 497864
Conc: 419.17 ng/ml



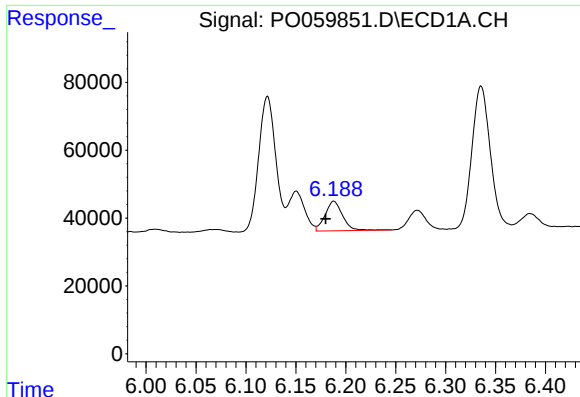
#24 AR-1248-4

R.T.: 6.150 min
Delta R.T.: 0.010 min
Response: 129418
Conc: 63.31 ng/ml



#24 AR-1248-4

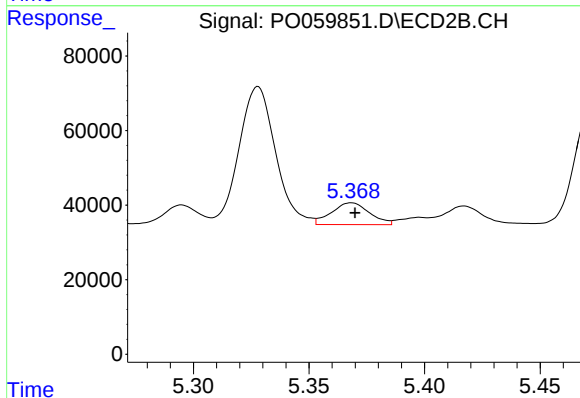
R.T.: 4.985 min
Delta R.T.: -0.005 min
Response: 414728
Conc: 285.41 ng/ml



#25 AR-1248-5

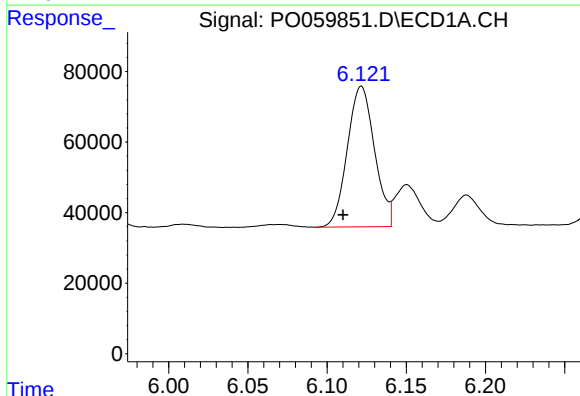
R.T.: 6.188 min
Delta R.T.: 0.008 min
Response: 105886
Conc: 53.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



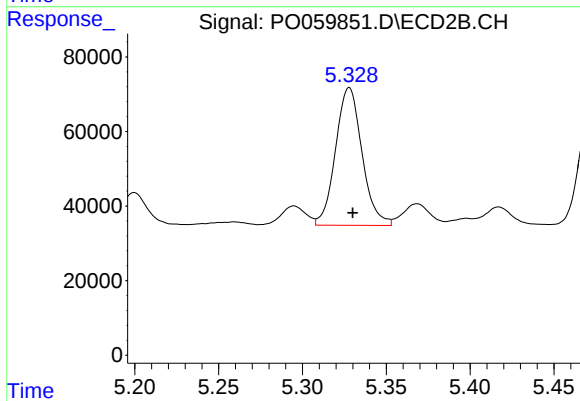
#25 AR-1248-5

R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 66961
Conc: 46.78 ng/ml



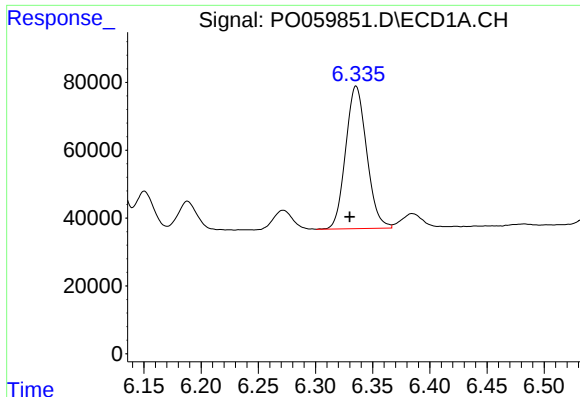
#26 AR-1254-1

R.T.: 6.122 min
Delta R.T.: 0.012 min
Response: 476401
Conc: 228.33 ng/ml



#26 AR-1254-1

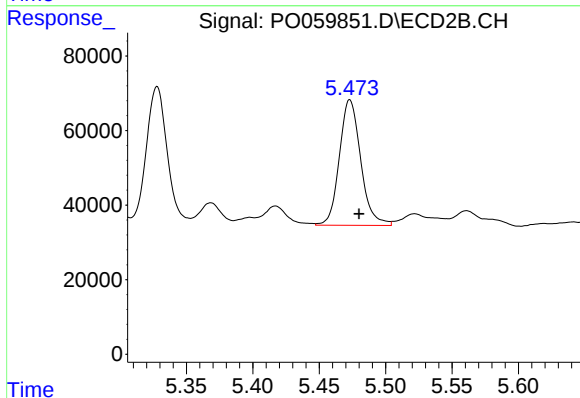
R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 405808
Conc: 171.10 ng/ml



#27 AR-1254-2

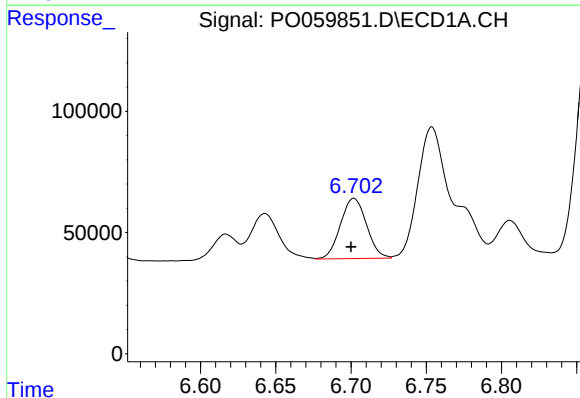
R.T.: 6.336 min
Delta R.T.: 0.006 min
Response: 537295
Conc: 161.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



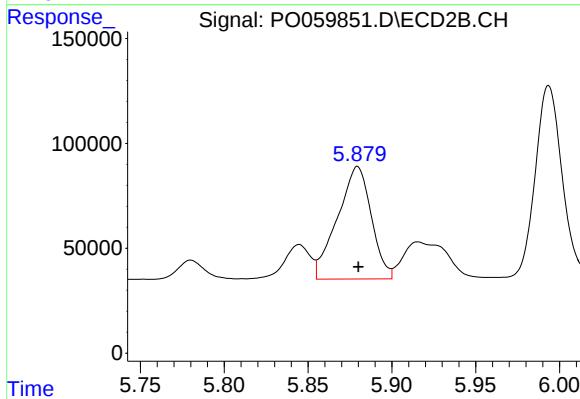
#27 AR-1254-2

R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 377473
Conc: 179.89 ng/ml



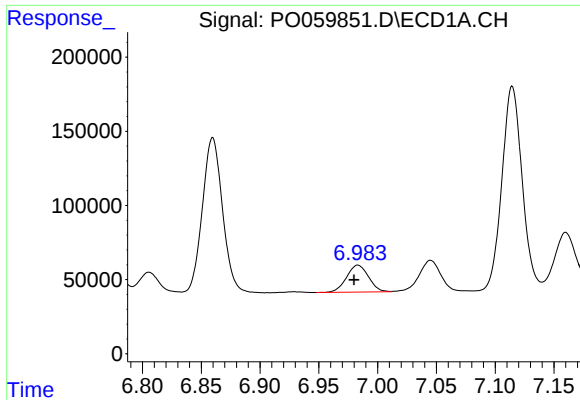
#28 AR-1254-3

R.T.: 6.702 min
Delta R.T.: 0.002 min
Response: 299463
Conc: 84.39 ng/ml



#28 AR-1254-3

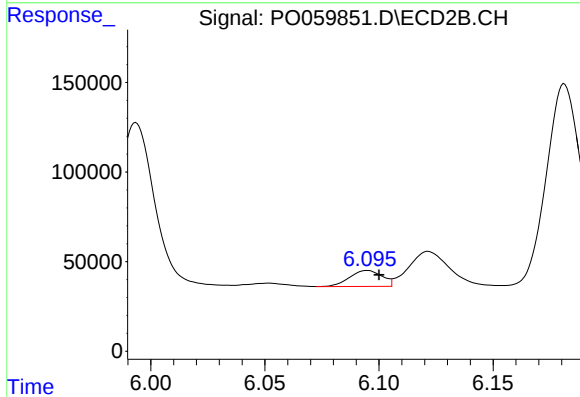
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 755147
Conc: 224.58 ng/ml



#29 AR-1254-4

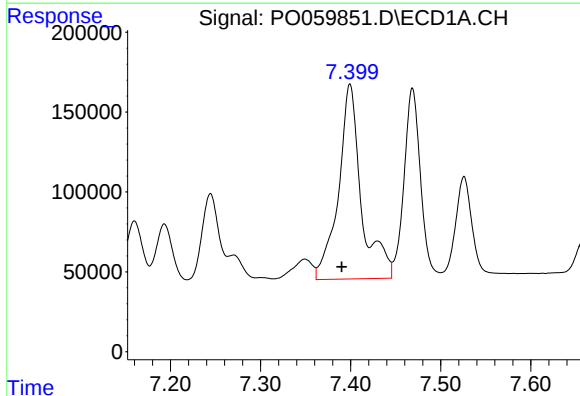
R.T.: 6.983 min
Delta R.T.: 0.003 min
Response: 237980
Conc: 80.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



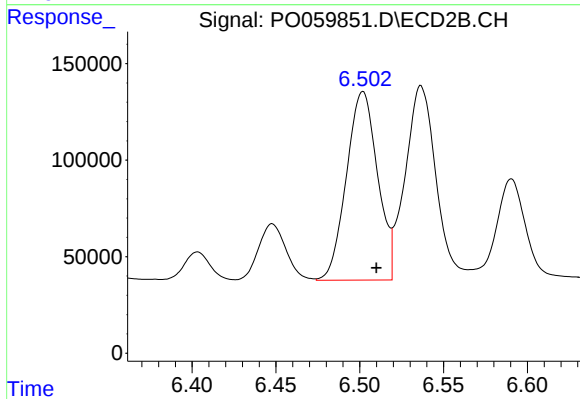
#29 AR-1254-4

R.T.: 6.095 min
Delta R.T.: -0.005 min
Response: 88036
Conc: 42.70 ng/ml



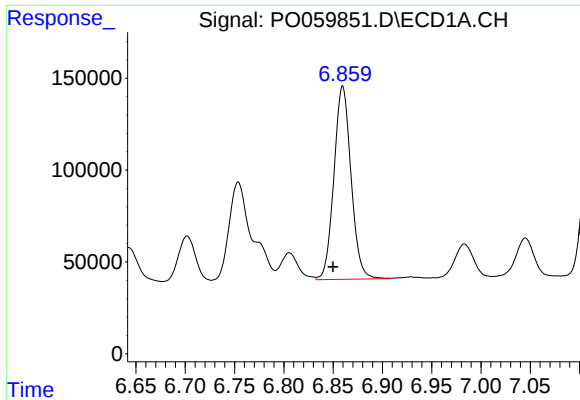
#30 AR-1254-5

R.T.: 7.399 min
Delta R.T.: 0.009 min
Response: 2155683
Conc: 697.09 ng/ml



#30 AR-1254-5

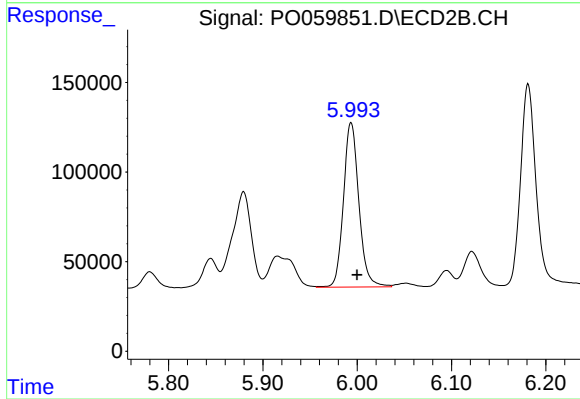
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 1261680
Conc: 406.34 ng/ml



#31 AR-1260-1

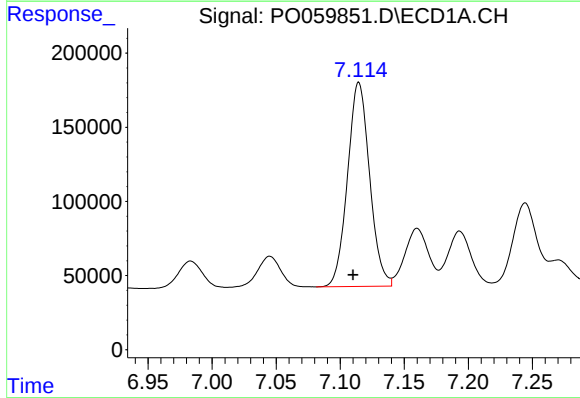
R.T.: 6.860 min
Delta R.T.: 0.010 min
Response: 1270429
Conc: 471.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



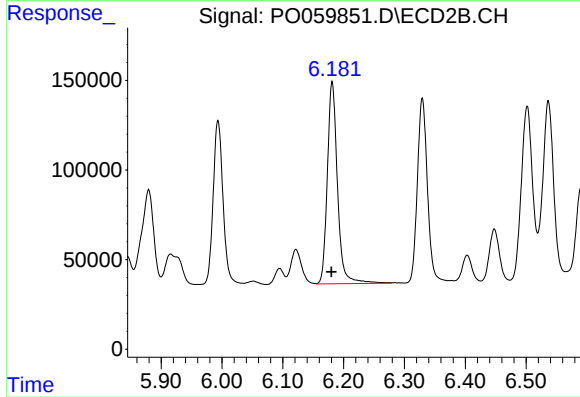
#31 AR-1260-1

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 1044139
Conc: 458.18 ng/ml



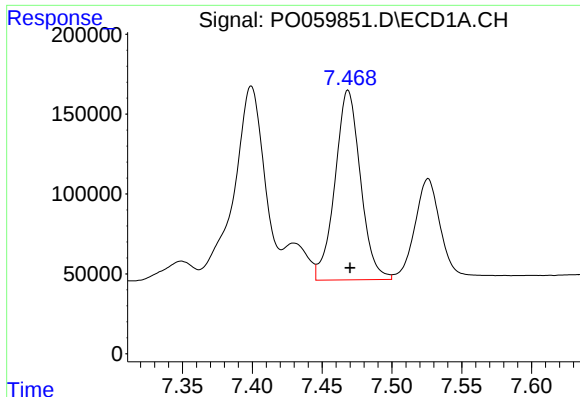
#32 AR-1260-2

R.T.: 7.115 min
Delta R.T.: 0.005 min
Response: 1652112
Conc: 445.26 ng/ml



#32 AR-1260-2

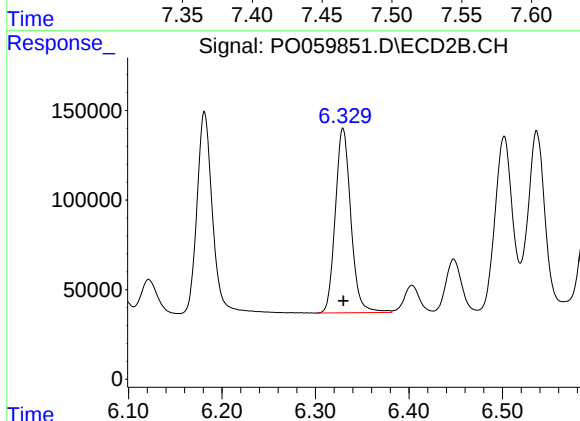
R.T.: 6.181 min
Delta R.T.: 0.001 min
Response: 1311354
Conc: 447.58 ng/ml



#33 AR-1260-3

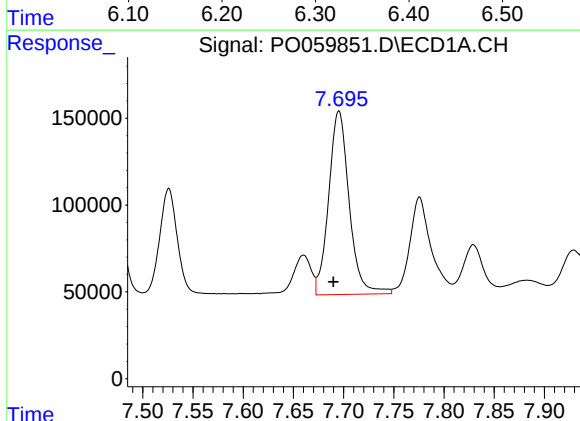
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 1509886
Conc: 460.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



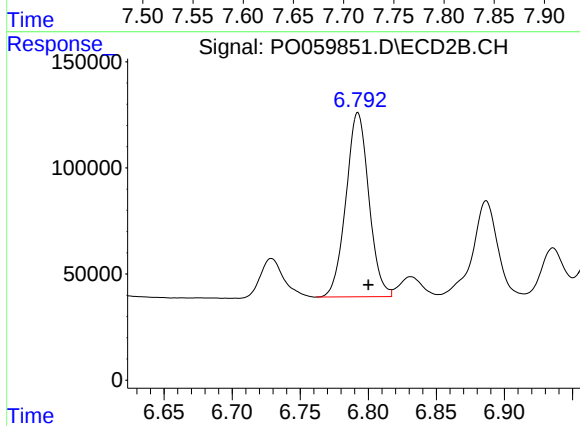
#33 AR-1260-3

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 1189213
Conc: 448.91 ng/ml



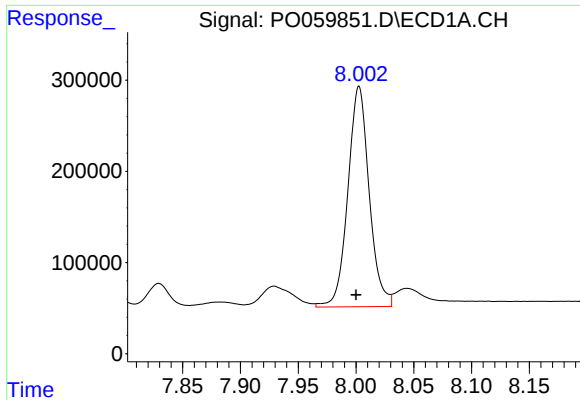
#34 AR-1260-4

R.T.: 7.695 min
Delta R.T.: 0.005 min
Response: 1503372
Conc: 489.49 ng/ml



#34 AR-1260-4

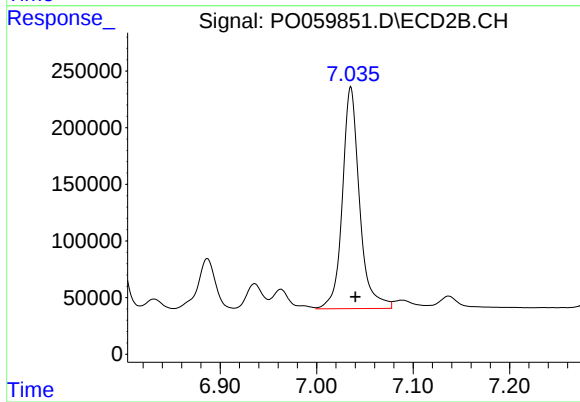
R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 1018351
Conc: 450.08 ng/ml



#35 AR-1260-5

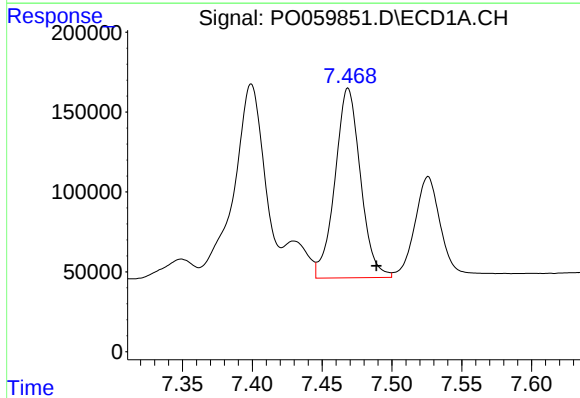
R.T.: 8.003 min
Delta R.T.: 0.003 min
Response: 3094843
Conc: 437.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



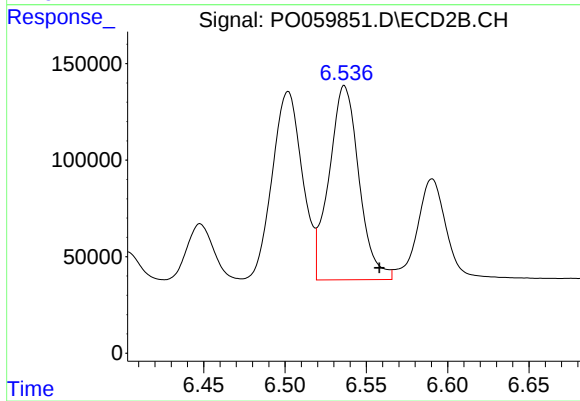
#35 AR-1260-5

R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 2424651
Conc: 440.58 ng/ml



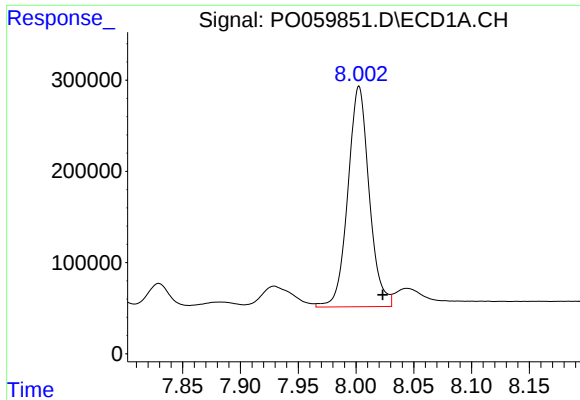
#36 AR-1262-1

R.T.: 7.469 min
Delta R.T.: -0.020 min
Response: 1509886
Conc: 311.13 ng/ml



#36 AR-1262-1

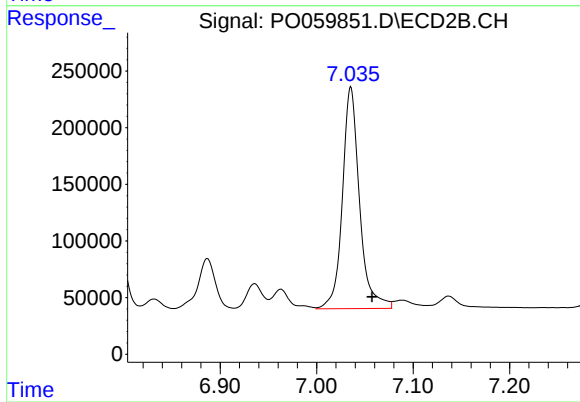
R.T.: 6.537 min
Delta R.T.: -0.022 min
Response: 1287563
Conc: 345.42 ng/ml



#37 AR-1262-2

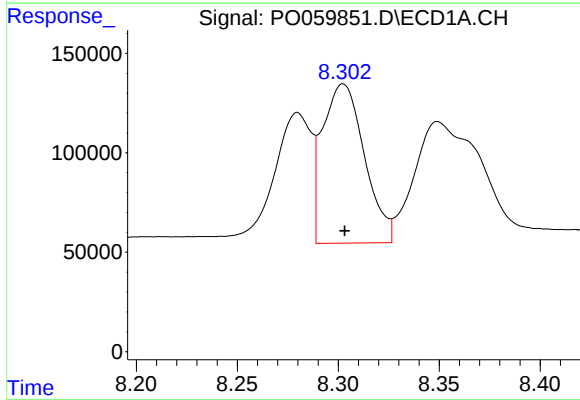
R.T.: 8.003 min
Delta R.T.: -0.021 min
Response: 3094843
Conc: 401.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



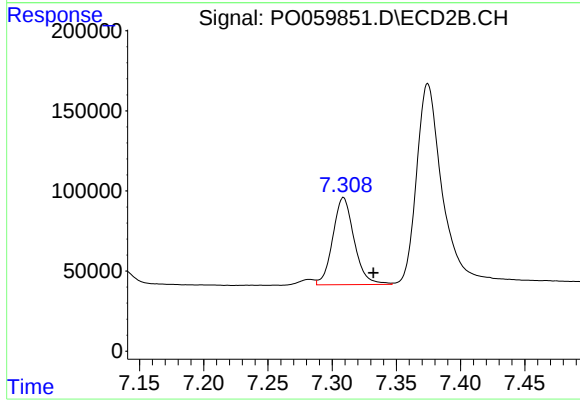
#37 AR-1262-2

R.T.: 7.035 min
Delta R.T.: -0.022 min
Response: 2424651
Conc: 412.42 ng/ml



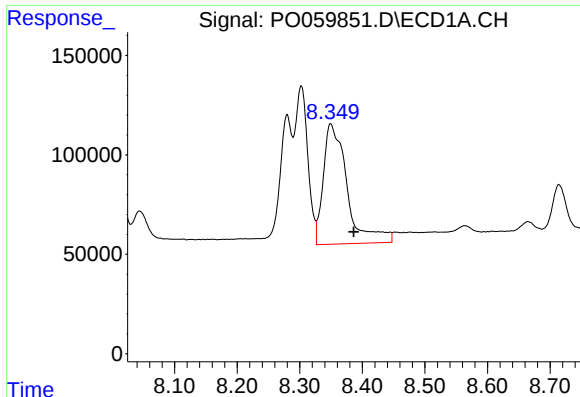
#38 AR-1262-3

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 1153738
Conc: 226.12 ng/ml



#38 AR-1262-3

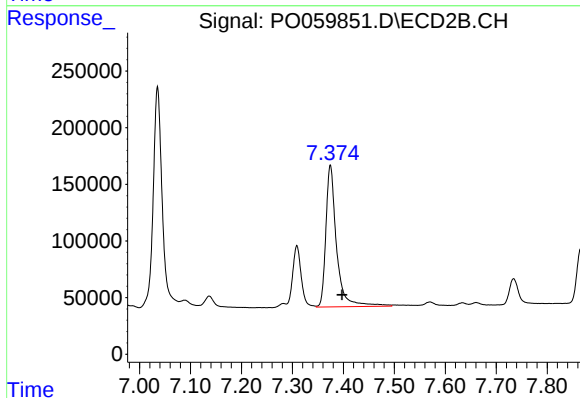
R.T.: 7.309 min
Delta R.T.: -0.023 min
Response: 631776
Conc: 248.64 ng/ml



#39 AR-1262-4

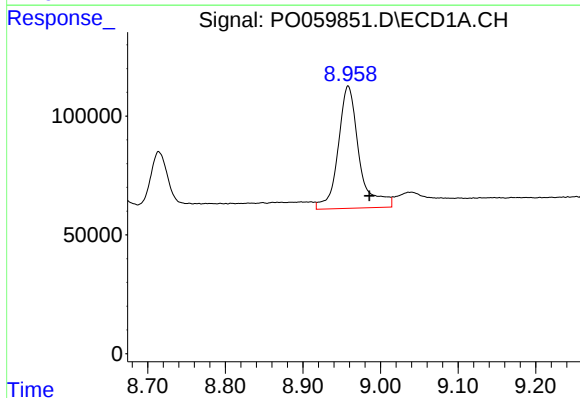
R.T.: 8.350 min
Delta R.T.: -0.037 min
Response: 1599467
Conc: 414.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



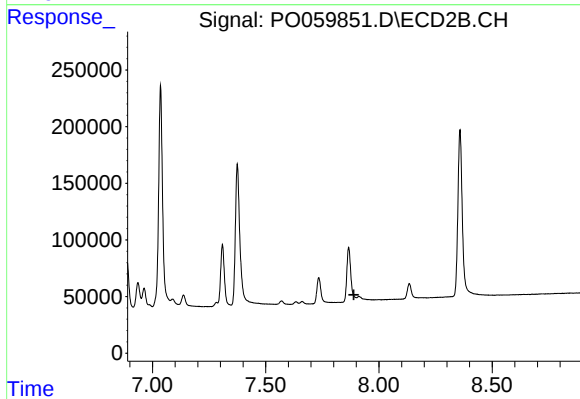
#39 AR-1262-4

R.T.: 7.375 min
Delta R.T.: -0.023 min
Response: 1827889
Conc: 413.65 ng/ml



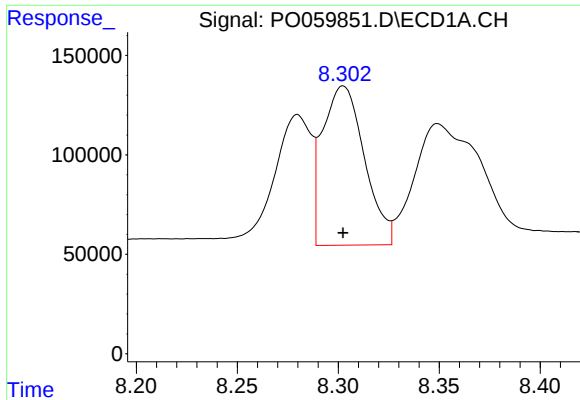
#40 AR-1262-5

R.T.: 8.958 min
Delta R.T.: -0.027 min
Response: 963388
Conc: 375.36 ng/ml



#40 AR-1262-5

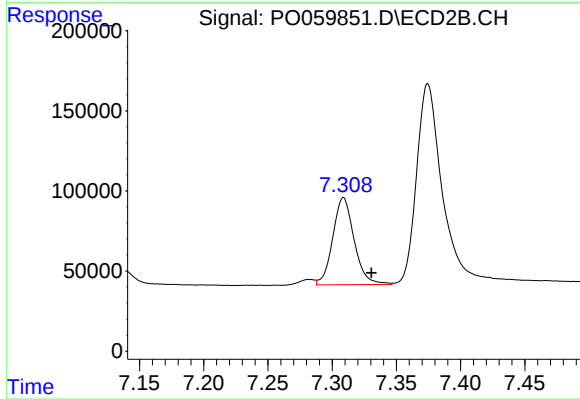
R.T.: 7.912 min
Delta R.T.: 0.023 min
Response: -321329
Conc: N.D.



#41 AR-1268-1

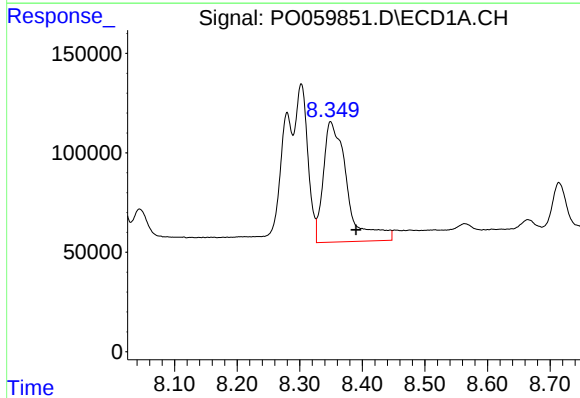
R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 1153738
Conc: 122.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



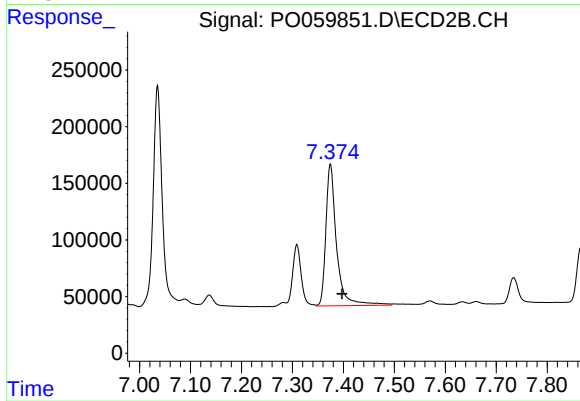
#41 AR-1268-1

R.T.: 7.309 min
Delta R.T.: -0.022 min
Response: 631776
Conc: 88.72 ng/ml



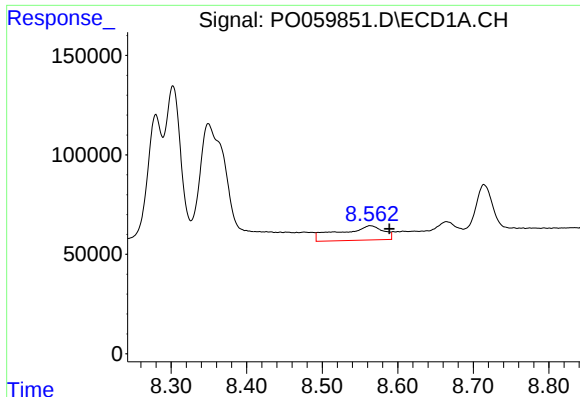
#42 AR-1268-2

R.T.: 8.350 min
Delta R.T.: -0.040 min
Response: 1599467
Conc: 202.91 ng/ml



#42 AR-1268-2

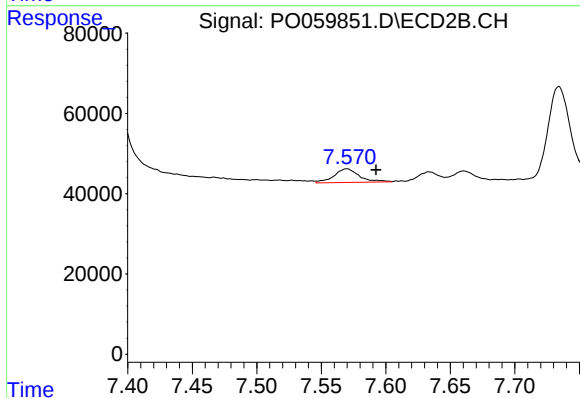
R.T.: 7.375 min
Delta R.T.: -0.023 min
Response: 1827889
Conc: 283.48 ng/ml



#43 AR-1268-3

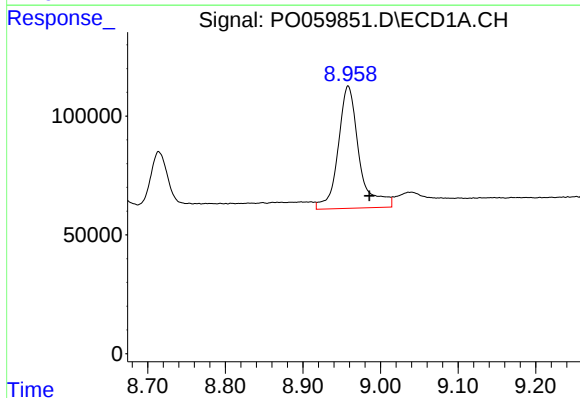
R.T.: 8.564 min
Delta R.T.: -0.025 min
Response: 293950
Conc: 41.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



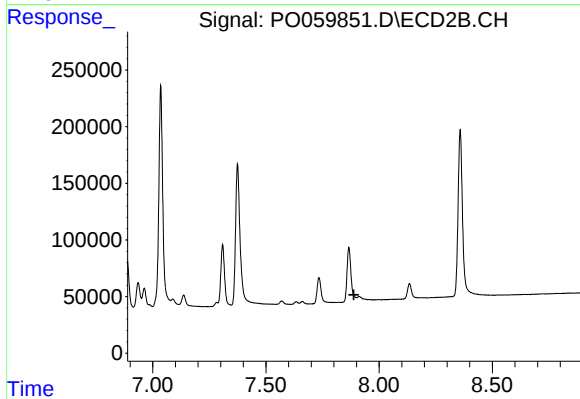
#43 AR-1268-3

R.T.: 7.570 min
Delta R.T.: -0.023 min
Response: 46254
Conc: 8.45 ng/ml



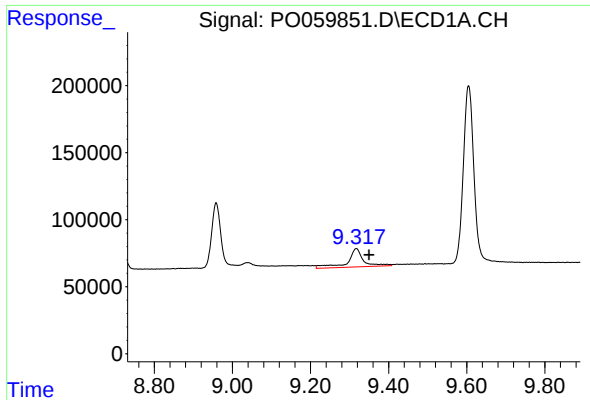
#44 AR-1268-4

R.T.: 8.958 min
Delta R.T.: -0.027 min
Response: 963388
Conc: 346.54 ng/ml



#44 AR-1268-4

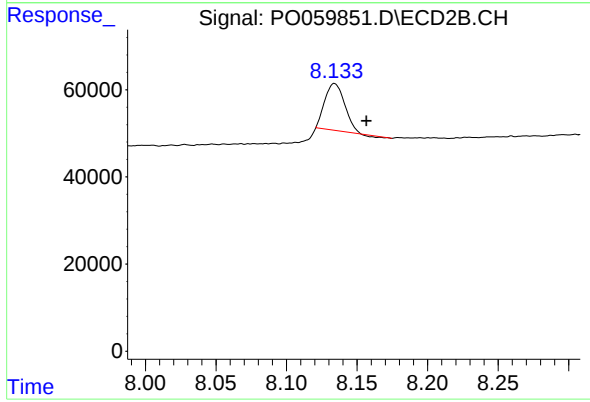
R.T.: 7.912 min
Delta R.T.: 0.024 min
Response: -321329
Conc: N.D.



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: -0.033 min
Response: 385053
Conc: 20.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.134 min
Delta R.T.: -0.022 min
Response: 103653
Conc: 7.13 ng/ml