

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO103019\
 Data File : PO063318.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2019 20:53
 Operator : HP/AJ
 Sample : K5602-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:59:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.315	3.479	765016	844741	13.126	15.468
2)	SA Decachlor...	9.930	8.320	323478	209261	5.559	4.895
Target Compounds							
3)	L1 AR-1016-1	5.474	4.521	167247	125581	76.502	67.031
4)	L1 AR-1016-2	5.496	4.538	291238	268978	92.964	98.616
5)	L1 AR-1016-3	5.496	4.707	291238	54372	155.454	39.176 #
6)	L1 AR-1016-4	0.000	4.749	0	91424	N.D.	81.857 #
7)	L1 AR-1016-5	5.946	4.956	82142	119510	53.921	79.329 #
9)	L2 AR-1221-2	0.000	3.767	0	30011	N.D.	77.730 #
10)	L2 AR-1221-3	0.000	3.839	0	25096	N.D.	20.410 #
11)	L3 AR-1232-1	0.000	3.839	0	25096	N.D.	14.704 #
12)	L3 AR-1232-2	0.000	4.538	0	268978	N.D.	136.741 #
13)	L3 AR-1232-3	5.496	4.707	291238	54372	128.610	56.202 #
14)	L3 AR-1232-4	0.000	4.788	0	109815	N.D.	132.261 #
15)	L3 AR-1232-5	5.744	4.956	101066	119510	126.039	127.688
16)	L4 AR-1242-1	5.474	4.521	167247	125581	104.269	90.878
17)	L4 AR-1242-2	5.496	4.538	291238	268978	126.317	131.101
18)	L4 AR-1242-3	5.496	4.707	291238	54372	209.611	51.882 #
19)	L4 AR-1242-4	0.000	4.788	0	109815	N.D.	110.632 #
20)	L4 AR-1242-5	6.387	5.295	146643	145886	101.886	104.426
21)	L5 AR-1248-1	5.474	4.521	167247	125581	135.649	114.896
22)	L5 AR-1248-2	5.744	4.749	101066	91424	58.344	65.377
23)	L5 AR-1248-3	5.946	4.788	82142	109815	42.373	75.934 #
24)	L5 AR-1248-4	6.348	4.956	92903	119510	37.326	66.369 #
25)	L5 AR-1248-5	6.387	5.334	146643	116800	62.815	63.185
26)	L6 AR-1254-1	6.320	5.295	116434	145886	45.797	48.430
27)	L6 AR-1254-2	6.539	5.439	175532	111263	43.395	41.254
28)	L6 AR-1254-3	6.904	5.830	87735	304659	20.612	70.963 #
29)	L6 AR-1254-4	0.000	6.054	0	144214	N.D.	50.608 #
30)	L6 AR-1254-5	0.000	6.462	0	131730	N.D.	35.339 #
31)	L7 AR-1260-1	0.000	5.957	0	174274	N.D.	63.100 #
32)	L7 AR-1260-2	7.318	6.143	103880	201100	25.732	52.412 #
33)	L7 AR-1260-3	0.000	6.291	0	93737	N.D.	29.875 #
34)	L7 AR-1260-4	0.000	6.752	0	44097	N.D.	17.417 #
35)	L7 AR-1260-5	0.000	6.994	0	71415	N.D.	11.716 #
36)	L8 AR-1262-1	0.000	6.552	0	53220	N.D.	29.249 #
37)	L8 AR-1262-2	0.000	6.994	0	71415	N.D.	10.020 #
38)	L8 AR-1262-3	0.000	7.271	0	23793	N.D.	8.877 #
39)	L8 AR-1262-4	0.000	7.333	0	42601	N.D.	9.290 #
40)	L8 AR-1262-5	0.000	7.824	0	14329	N.D.	7.302 #
41)	L9 AR-1268-1	0.000	7.271	0	23793	N.D.	2.986 #
42)	L9 AR-1268-2	0.000	7.333	0	42601	N.D.	6.470 #

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Instrument :
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 ClientSampleId :
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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 2019
 Response via : Initial Calibration
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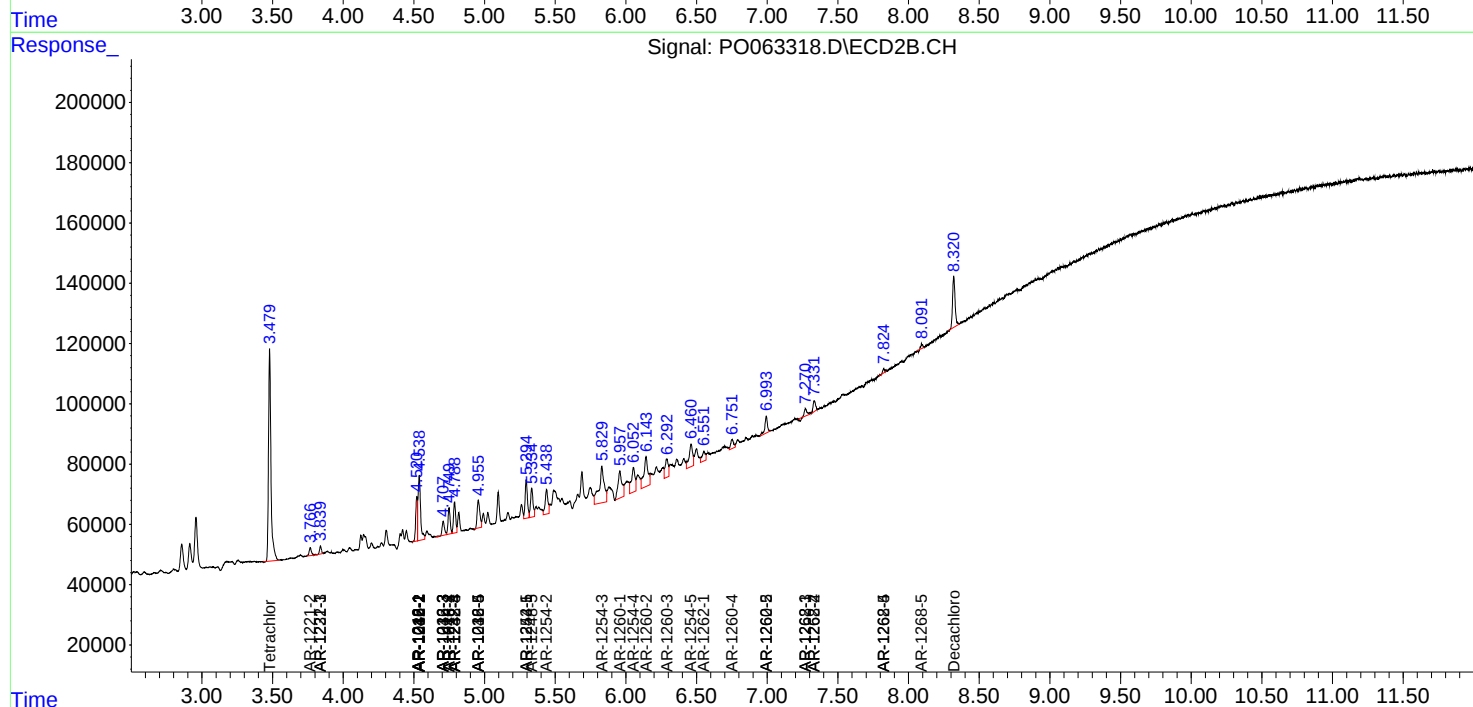
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

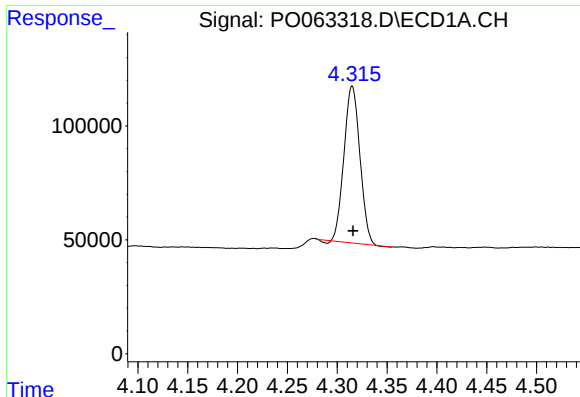
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	7.824	0	14329	N.D.	6.639 #
45) L9	AR-1268-5	0.000	8.092	0	12383	N.D.	0.827 #

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

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-

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

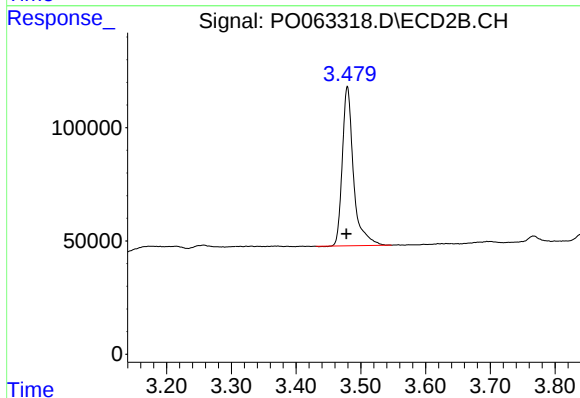




#1 Tetrachloro-m-xylene

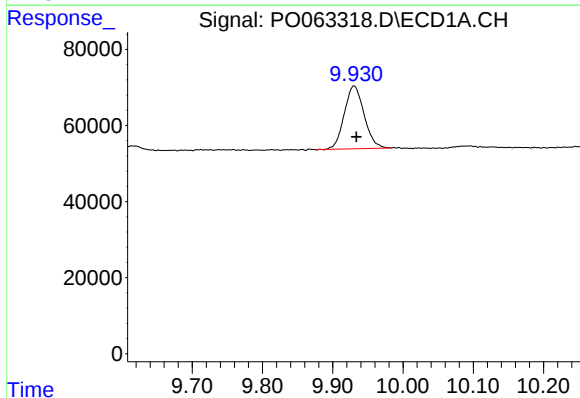
R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 765016
Conc: 13.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



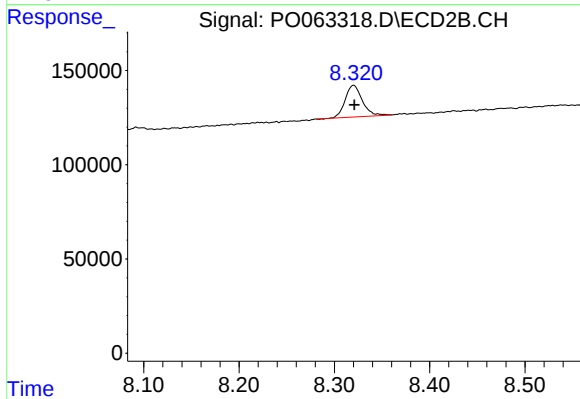
#1 Tetrachloro-m-xylene

R.T.: 3.479 min
Delta R.T.: 0.001 min
Response: 844741
Conc: 15.47 ng/ml



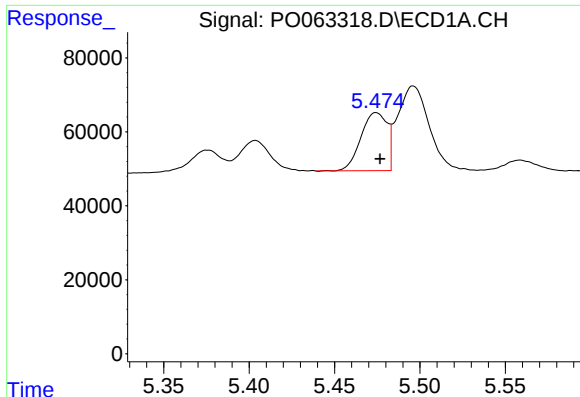
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: -0.003 min
Response: 323478
Conc: 5.56 ng/ml



#2 Decachlorobiphenyl

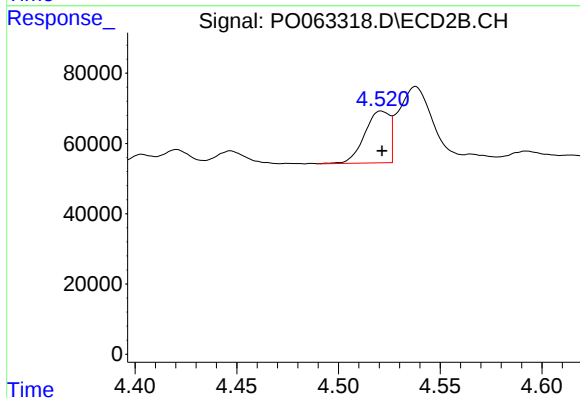
R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 209261
Conc: 4.89 ng/ml



#3 AR-1016-1

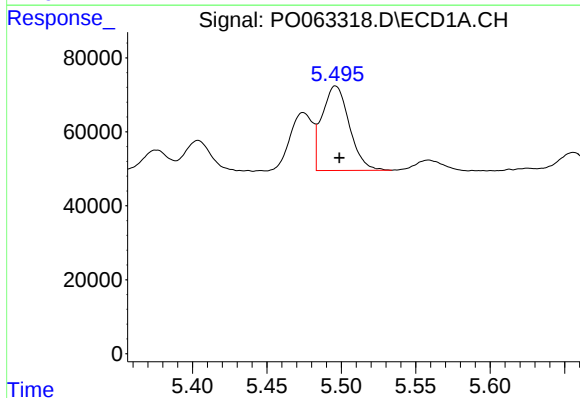
R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 167247
Conc: 76.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



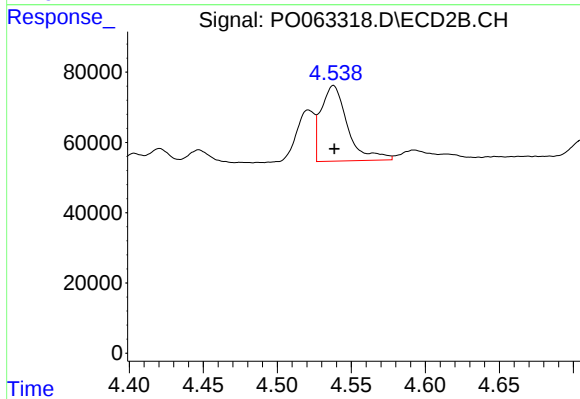
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 125581
Conc: 67.03 ng/ml



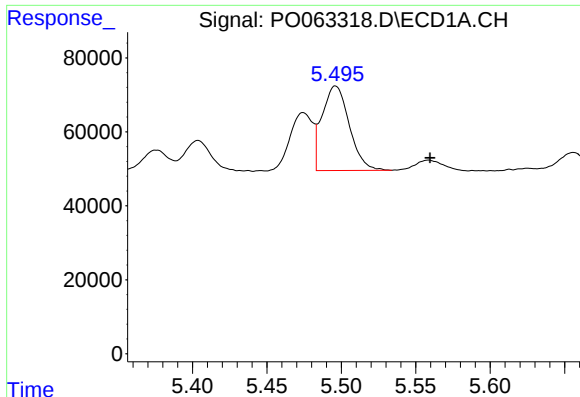
#4 AR-1016-2

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 291238
Conc: 92.96 ng/ml



#4 AR-1016-2

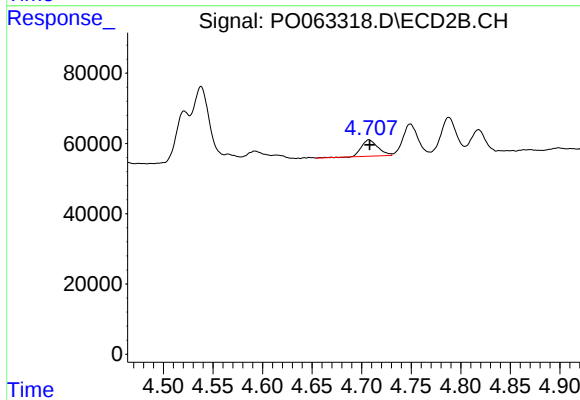
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 268978
Conc: 98.62 ng/ml



#5 AR-1016-3

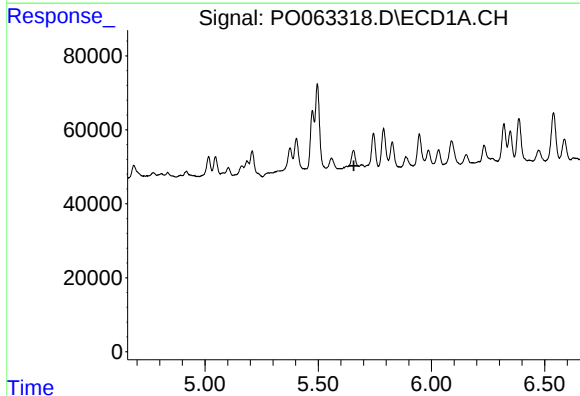
R.T.: 5.496 min
Delta R.T.: -0.063 min
Response: 291238
Conc: 155.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



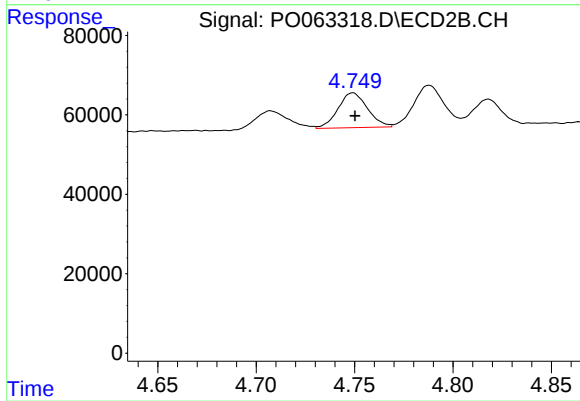
#5 AR-1016-3

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 54372
Conc: 39.18 ng/ml



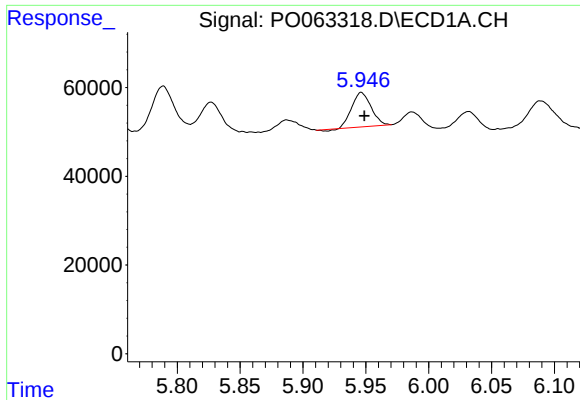
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.658 min
Response: 0
Conc: N.D.



#6 AR-1016-4

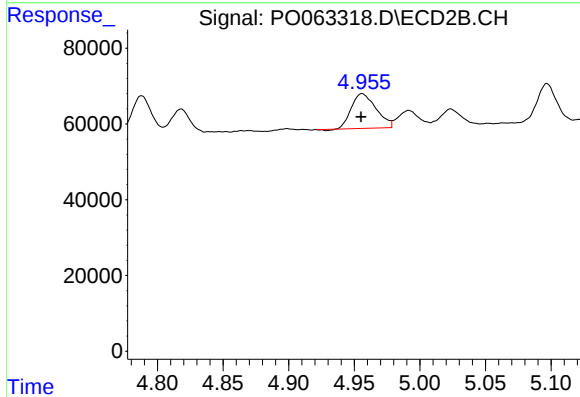
R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 91424
Conc: 81.86 ng/ml



#7 AR-1016-5

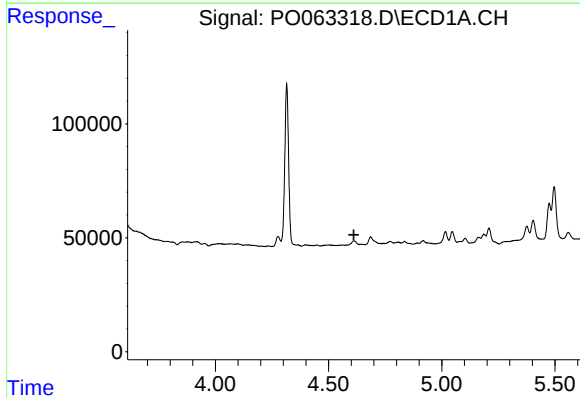
R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 82142
Conc: 53.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



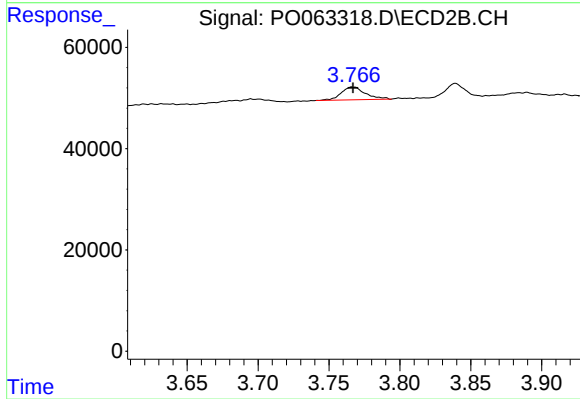
#7 AR-1016-5

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 119510
Conc: 79.33 ng/ml



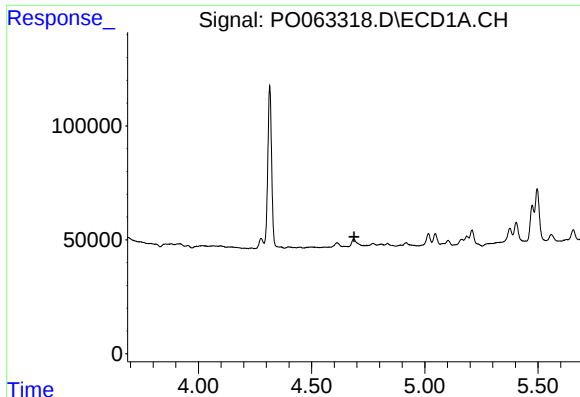
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.611 min
Response: 0
Conc: N.D.



#9 AR-1221-2

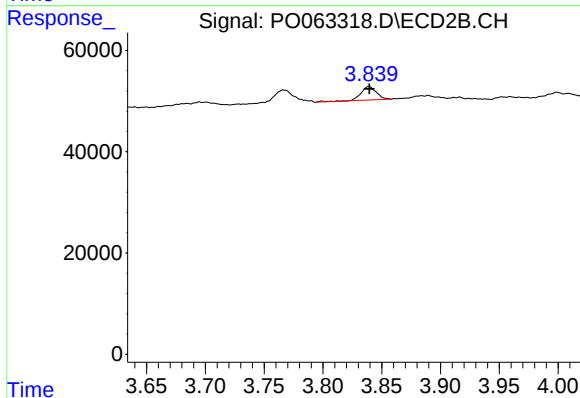
R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 30011
Conc: 77.73 ng/ml



#10 AR-1221-3

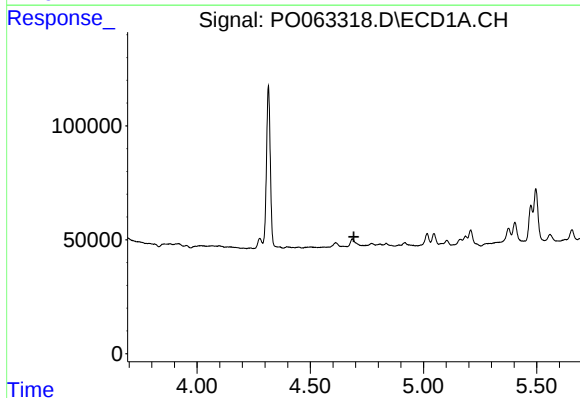
R.T.: 0.000 min
Exp R.T.: 4.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



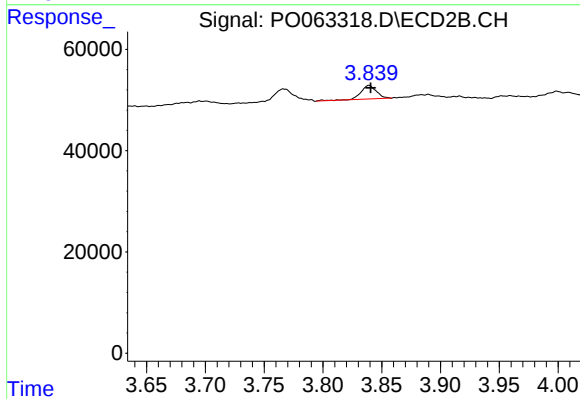
#10 AR-1221-3

R.T.: 3.839 min
Delta R.T.: 0.000 min
Response: 25096
Conc: 20.41 ng/ml



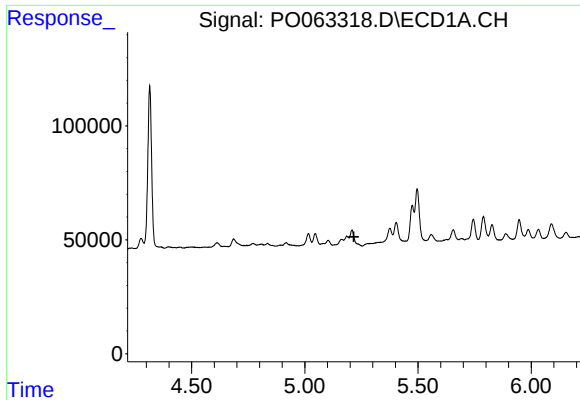
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.693 min
Response: 0
Conc: N.D.



#11 AR-1232-1

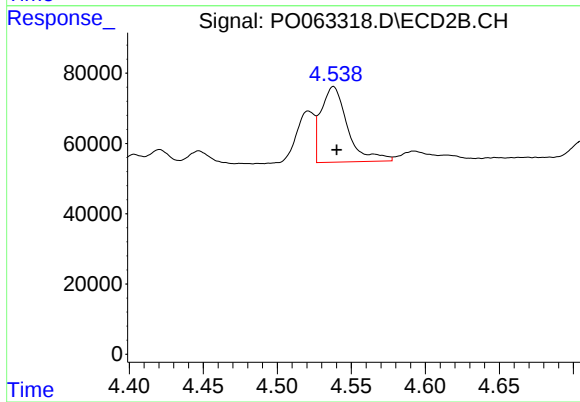
R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 25096
Conc: 14.70 ng/ml



#12 AR-1232-2

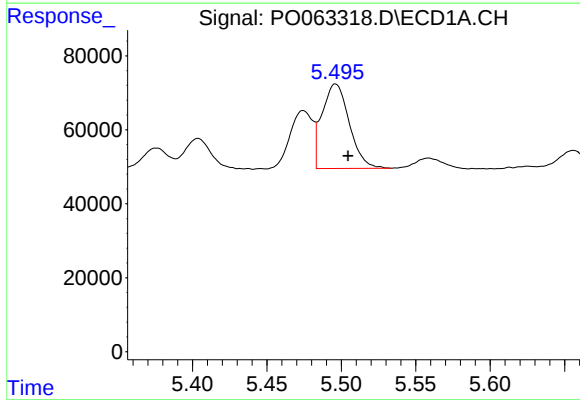
R.T.: 0.000 min
Exp R.T.: 5.216 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



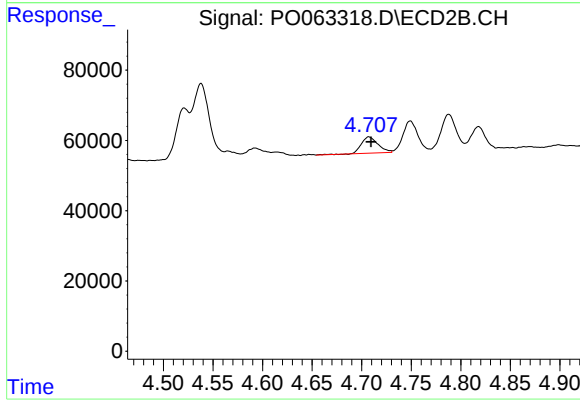
#12 AR-1232-2

R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 268978
Conc: 136.74 ng/ml



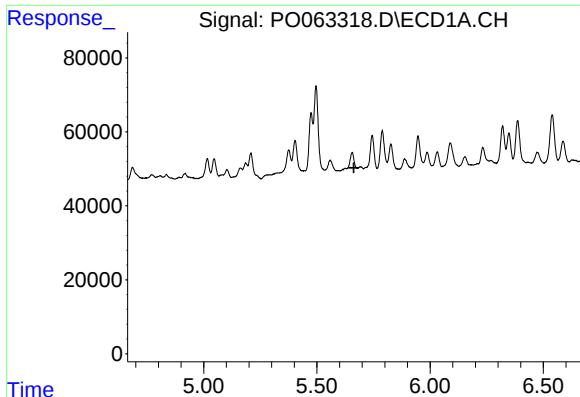
#13 AR-1232-3

R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 291238
Conc: 128.61 ng/ml



#13 AR-1232-3

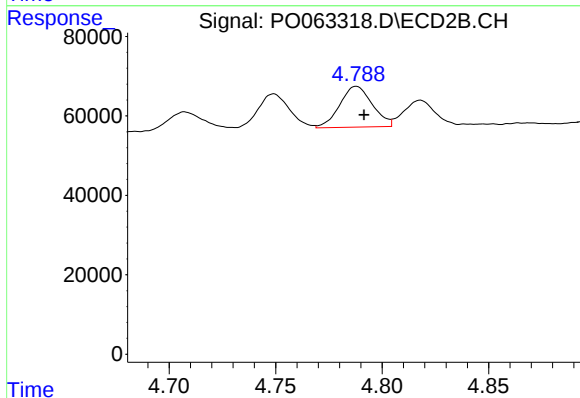
R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 54372
Conc: 56.20 ng/ml



#14 AR-1232-4

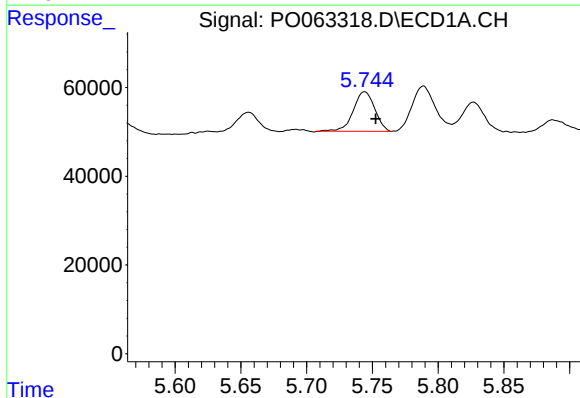
R.T.: 0.000 min
Exp R.T.: 5.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



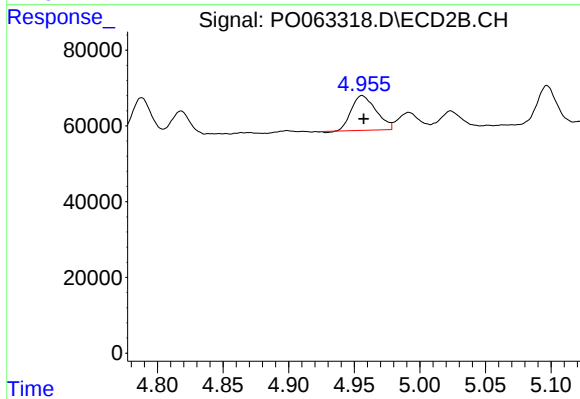
#14 AR-1232-4

R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 109815
Conc: 132.26 ng/ml



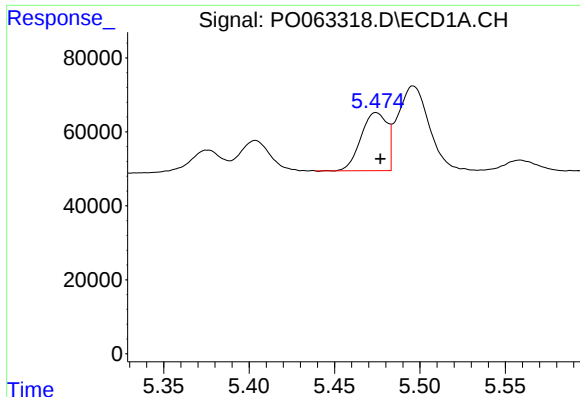
#15 AR-1232-5

R.T.: 5.744 min
Delta R.T.: -0.009 min
Response: 101066
Conc: 126.04 ng/ml



#15 AR-1232-5

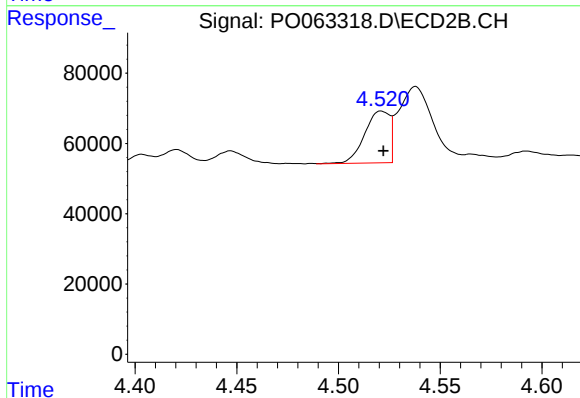
R.T.: 4.956 min
Delta R.T.: -0.001 min
Response: 119510
Conc: 127.69 ng/ml



#16 AR-1242-1

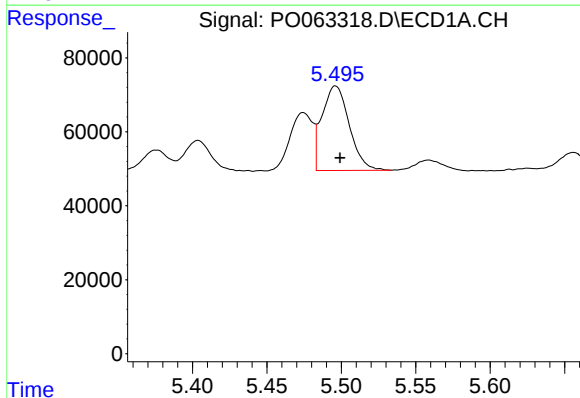
R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 167247
Conc: 104.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
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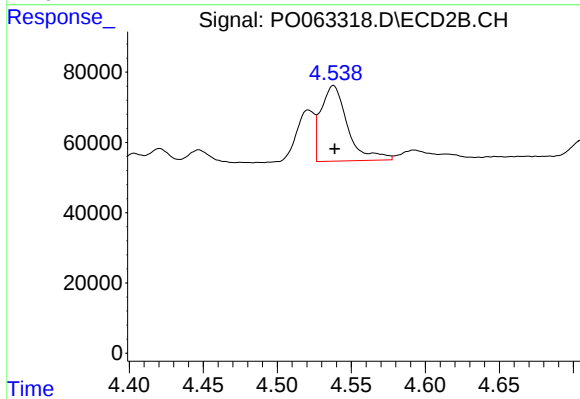
#16 AR-1242-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 125581
Conc: 90.88 ng/ml



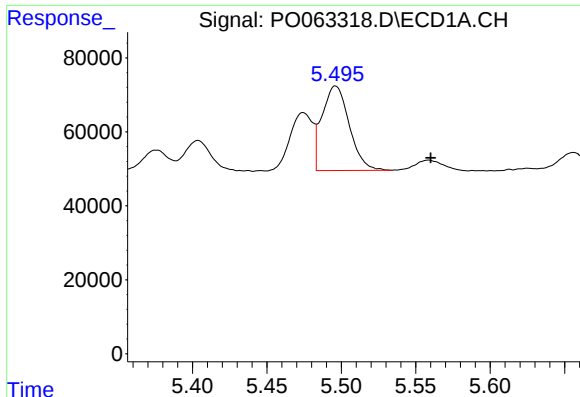
#17 AR-1242-2

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 291238
Conc: 126.32 ng/ml



#17 AR-1242-2

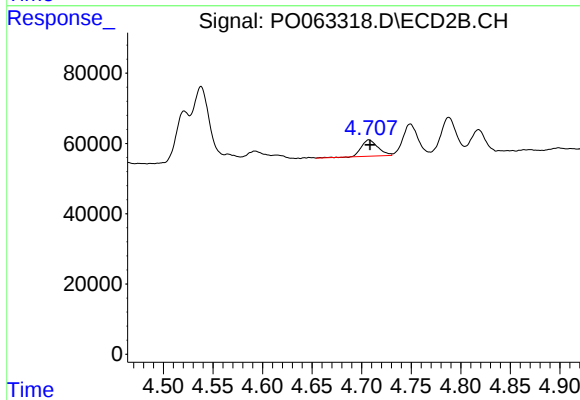
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 268978
Conc: 131.10 ng/ml



#18 AR-1242-3

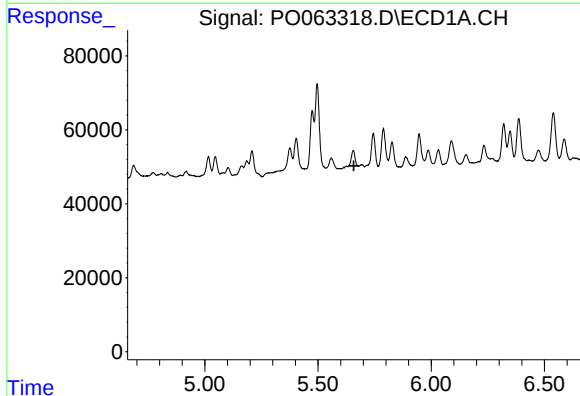
R.T.: 5.496 min
Delta R.T.: -0.064 min
Response: 291238
Conc: 209.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



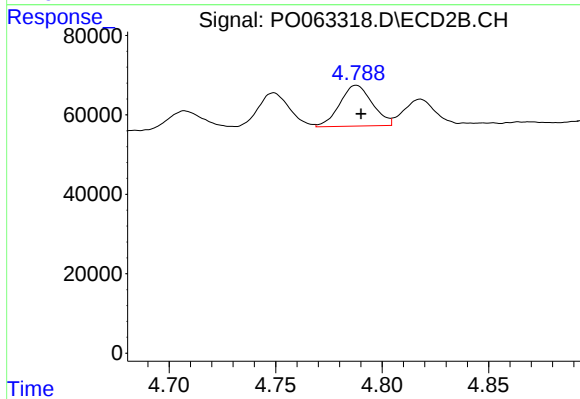
#18 AR-1242-3

R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 54372
Conc: 51.88 ng/ml



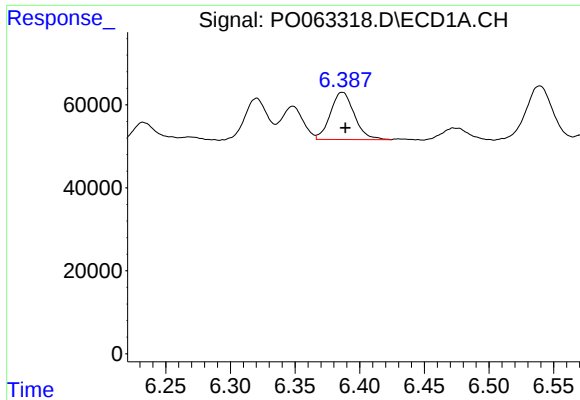
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.658 min
Response: 0
Conc: N.D.



#19 AR-1242-4

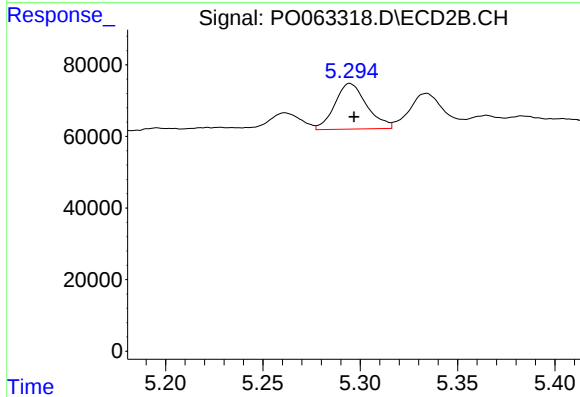
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 109815
Conc: 110.63 ng/ml



#20 AR-1242-5

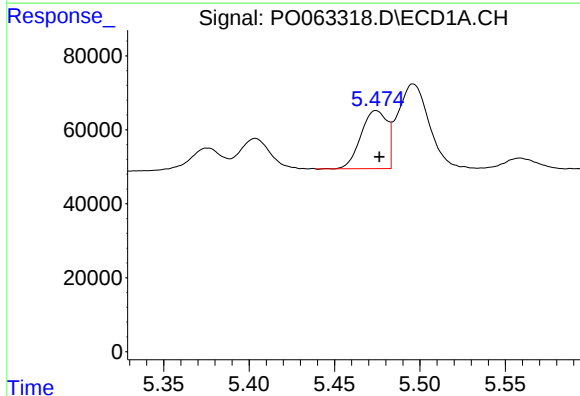
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 146643
Conc: 101.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
20190941-AMENDED-COMPOSITE-



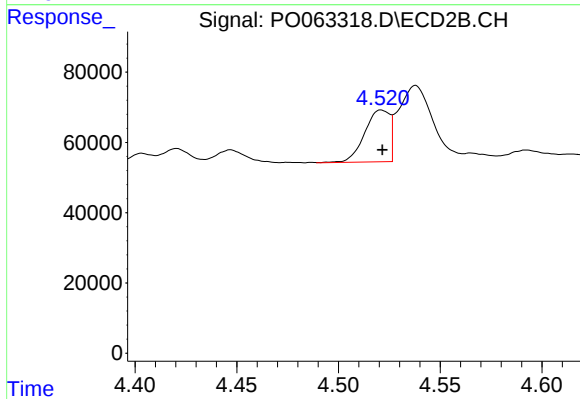
#20 AR-1242-5

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 145886
Conc: 104.43 ng/ml



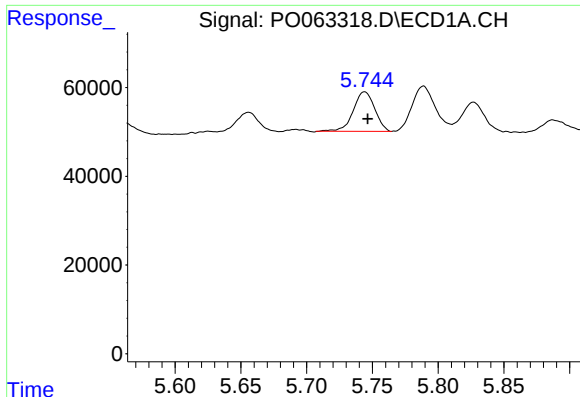
#21 AR-1248-1

R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 167247
Conc: 135.65 ng/ml



#21 AR-1248-1

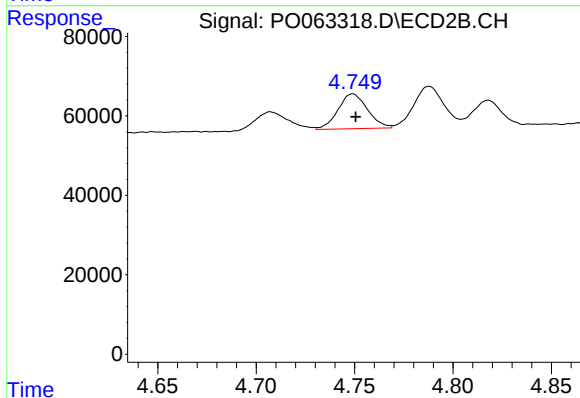
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 125581
Conc: 114.90 ng/ml



#22 AR-1248-2

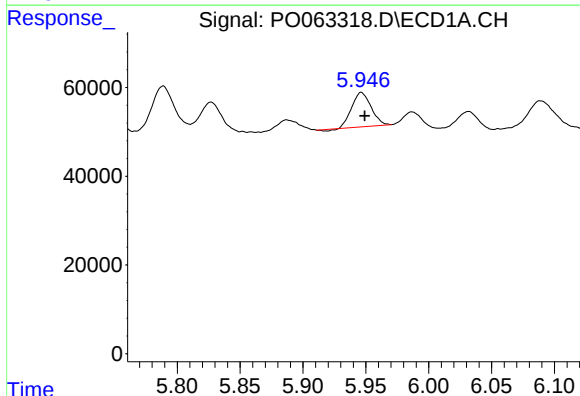
R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 101066
Conc: 58.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
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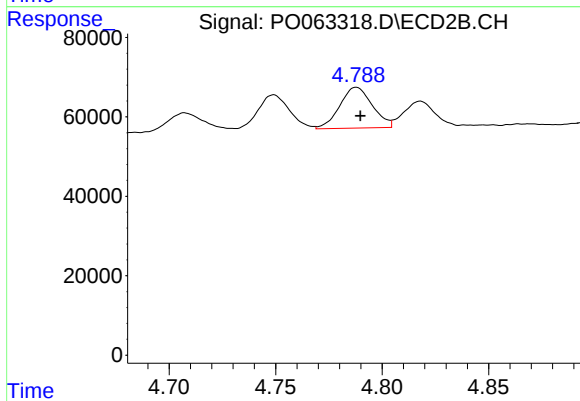
#22 AR-1248-2

R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 91424
Conc: 65.38 ng/ml



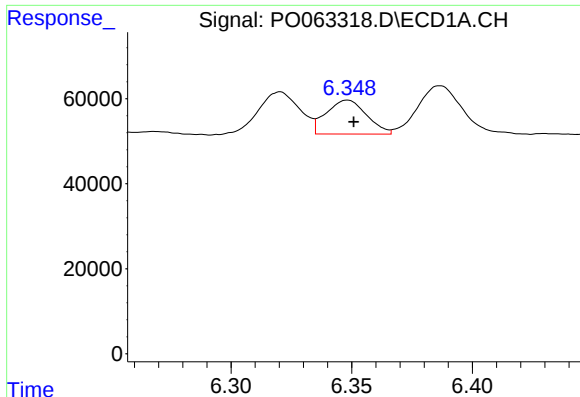
#23 AR-1248-3

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 82142
Conc: 42.37 ng/ml



#23 AR-1248-3

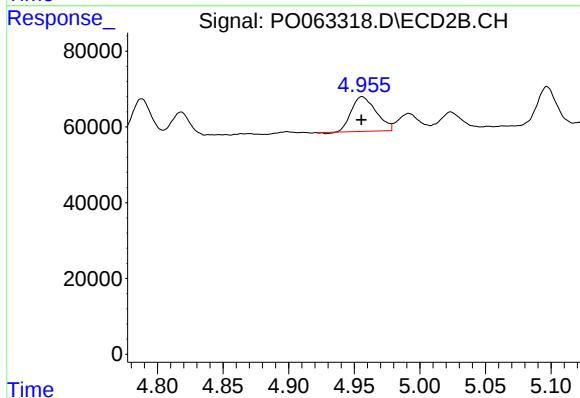
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 109815
Conc: 75.93 ng/ml



#24 AR-1248-4

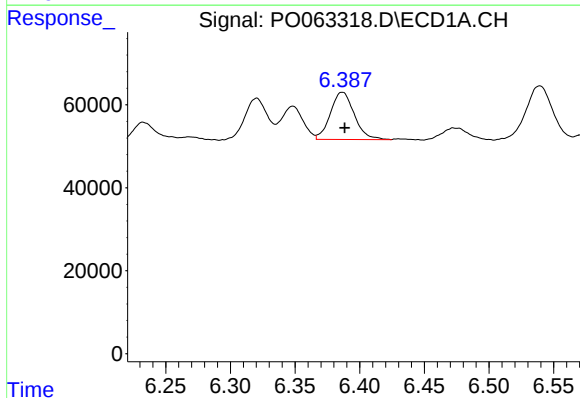
R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 92903
Conc: 37.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
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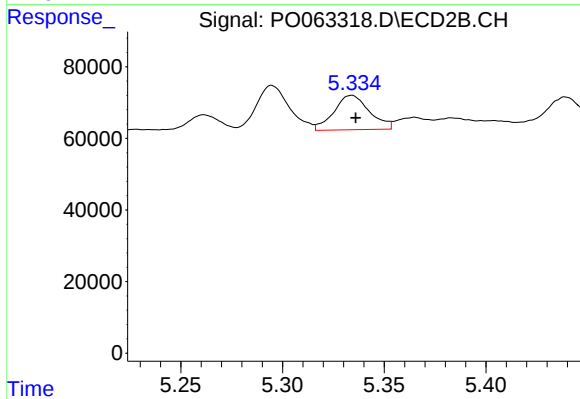
#24 AR-1248-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 119510
Conc: 66.37 ng/ml



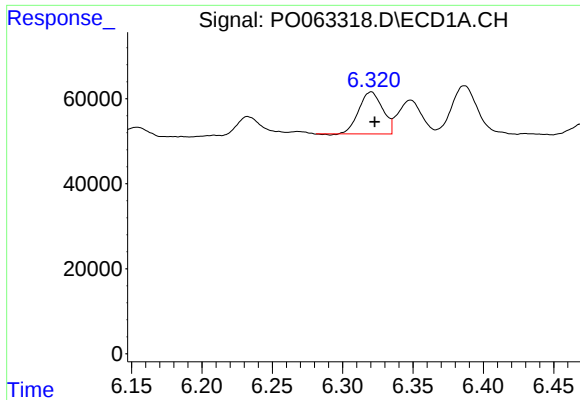
#25 AR-1248-5

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 146643
Conc: 62.81 ng/ml



#25 AR-1248-5

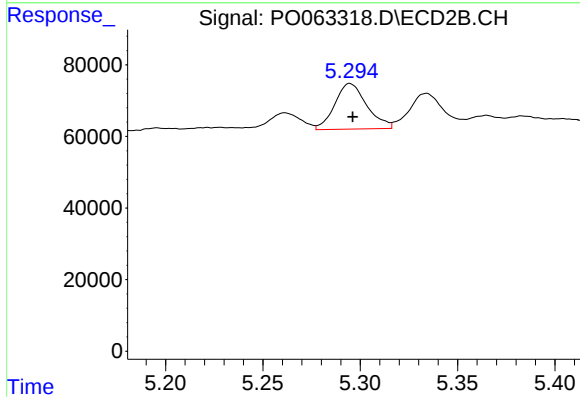
R.T.: 5.334 min
Delta R.T.: -0.002 min
Response: 116800
Conc: 63.18 ng/ml



#26 AR-1254-1

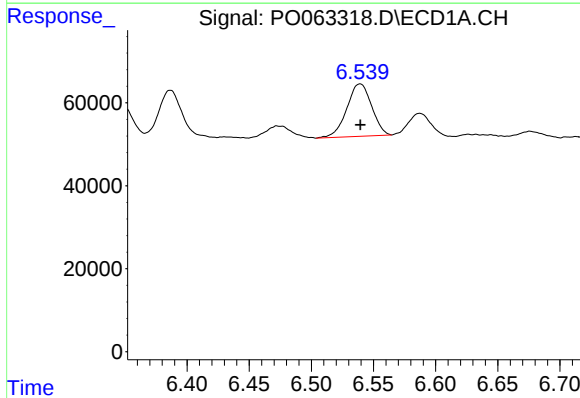
R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 116434
Conc: 45.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
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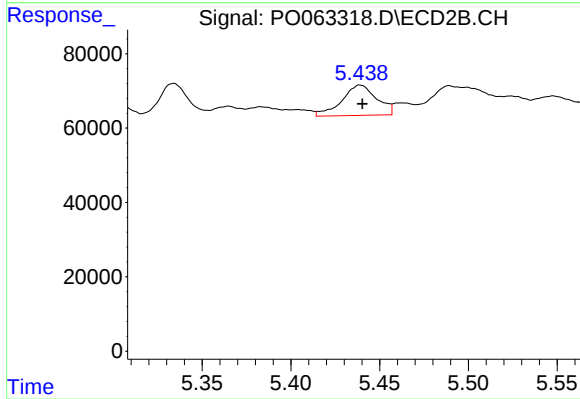
#26 AR-1254-1

R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 145886
Conc: 48.43 ng/ml



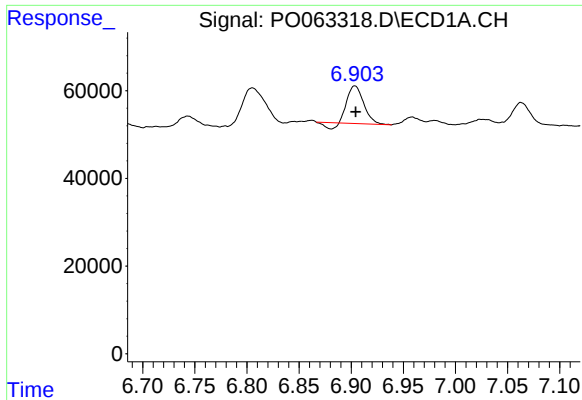
#27 AR-1254-2

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 175532
Conc: 43.39 ng/ml



#27 AR-1254-2

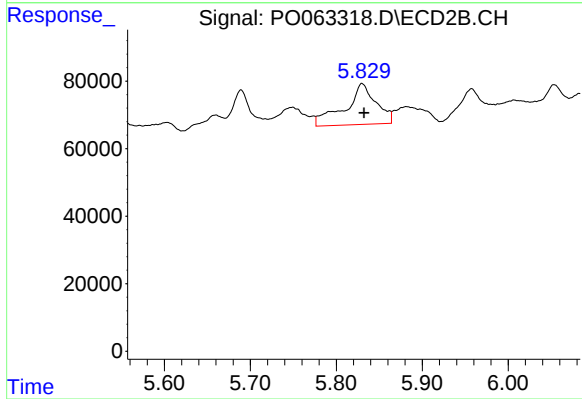
R.T.: 5.439 min
Delta R.T.: -0.001 min
Response: 111263
Conc: 41.25 ng/ml



#28 AR-1254-3

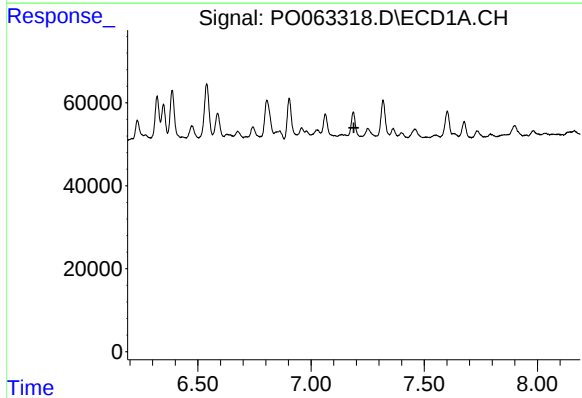
R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 87735
Conc: 20.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
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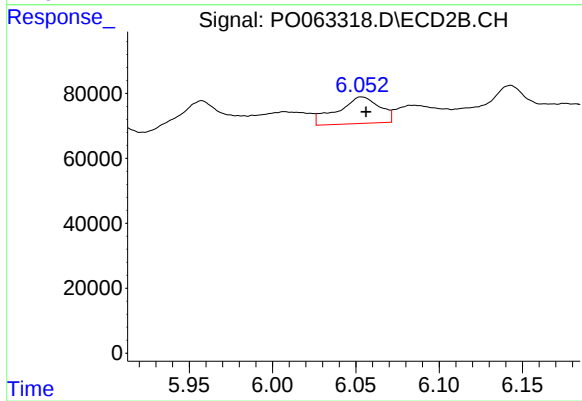
#28 AR-1254-3

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 304659
Conc: 70.96 ng/ml



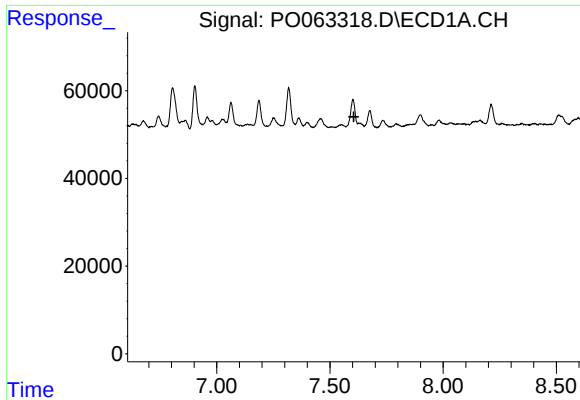
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.189 min
Response: 0
Conc: N.D.



#29 AR-1254-4

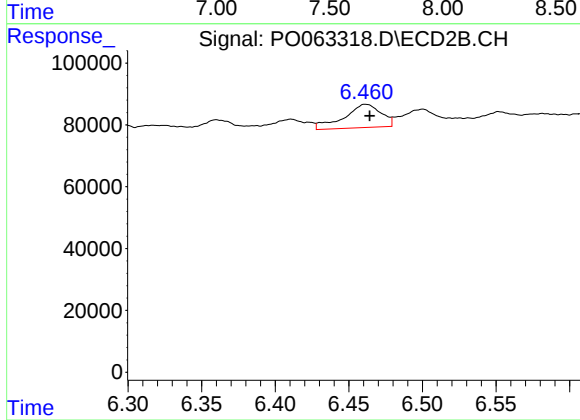
R.T.: 6.054 min
Delta R.T.: -0.003 min
Response: 144214
Conc: 50.61 ng/ml



#30 AR-1254-5

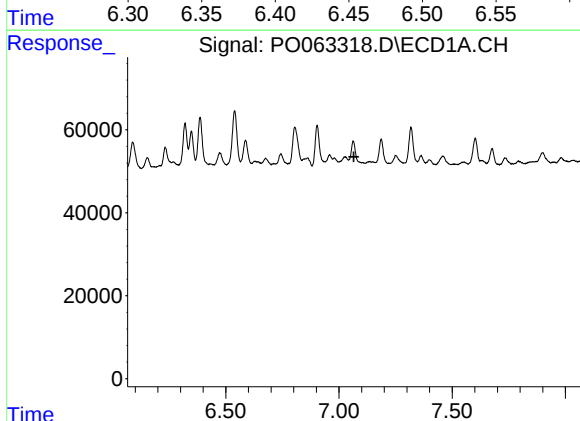
R.T.: 0.000 min
Exp R.T.: 7.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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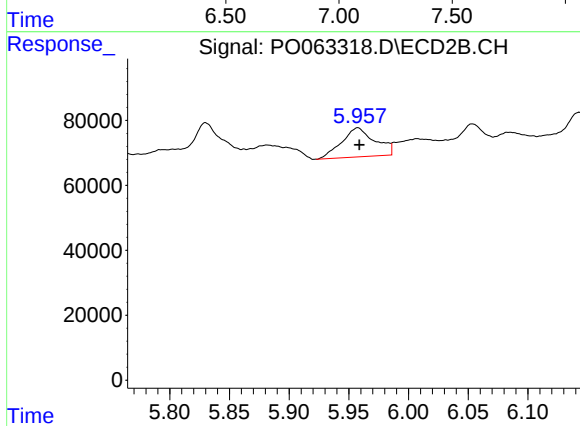
#30 AR-1254-5

R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 131730
Conc: 35.34 ng/ml



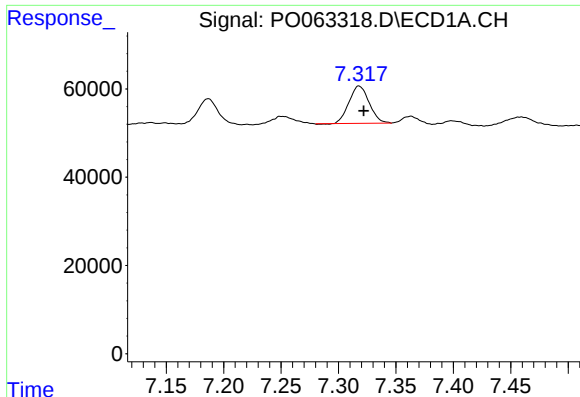
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.066 min
Response: 0
Conc: N.D.



#31 AR-1260-1

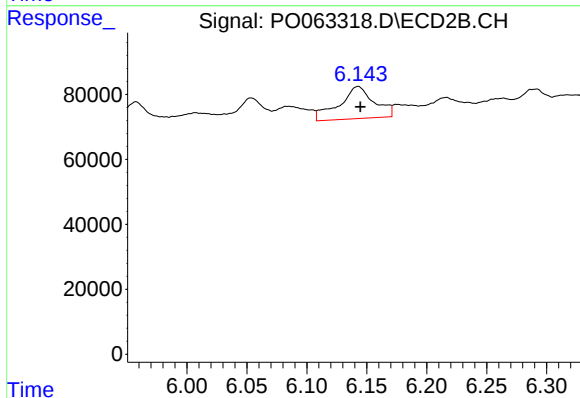
R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 174274
Conc: 63.10 ng/ml



#32 AR-1260-2

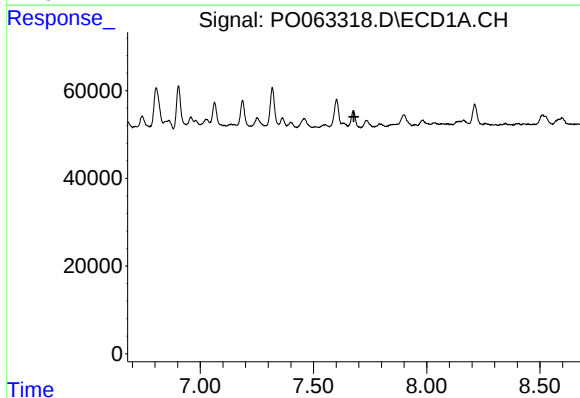
R.T.: 7.318 min
Delta R.T.: -0.004 min
Response: 103880
Conc: 25.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
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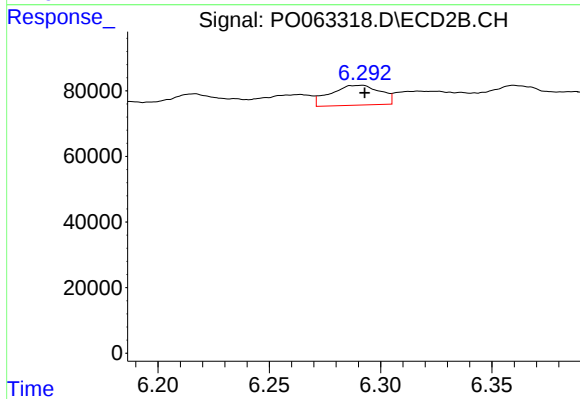
#32 AR-1260-2

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 201100
Conc: 52.41 ng/ml



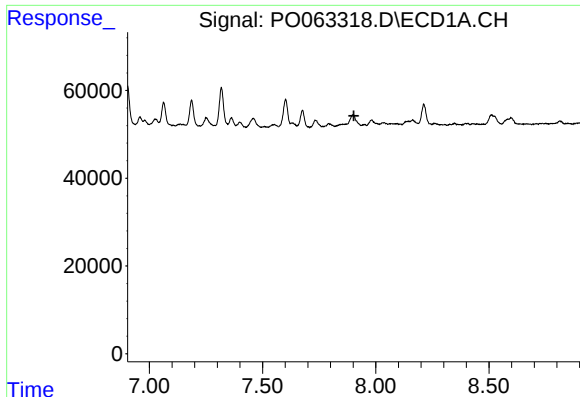
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.678 min
Response: 0
Conc: N.D.



#33 AR-1260-3

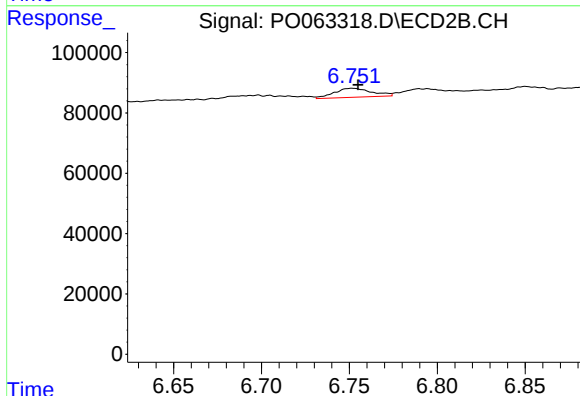
R.T.: 6.291 min
Delta R.T.: -0.002 min
Response: 93737
Conc: 29.87 ng/ml



#34 AR-1260-4

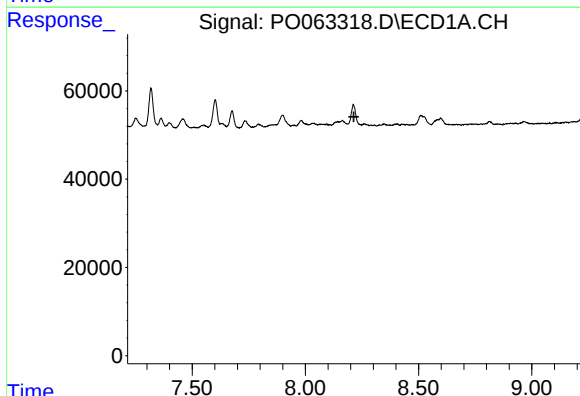
R.T.: 0.000 min
Exp R.T.: 7.904 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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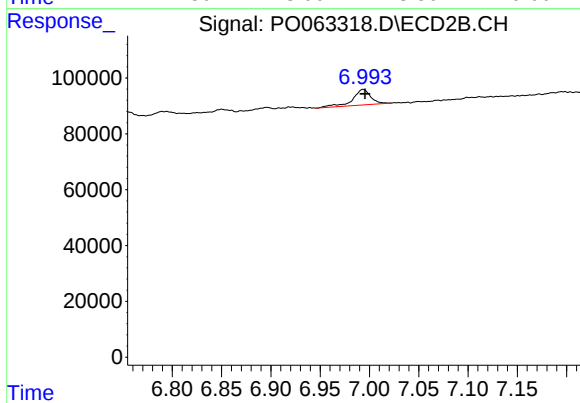
#34 AR-1260-4

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 44097
Conc: 17.42 ng/ml



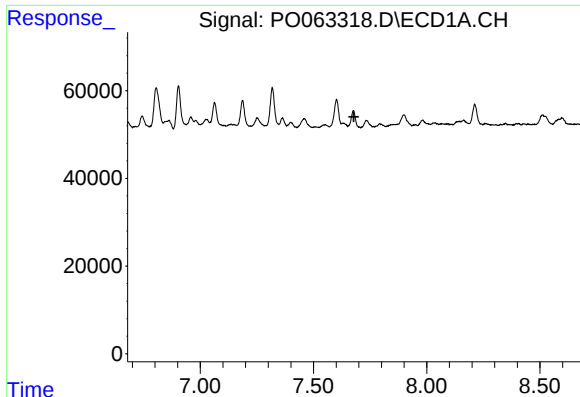
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#35 AR-1260-5

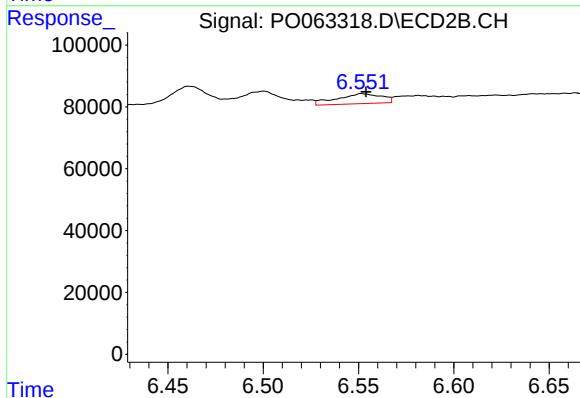
R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 71415
Conc: 11.72 ng/ml



#36 AR-1262-1

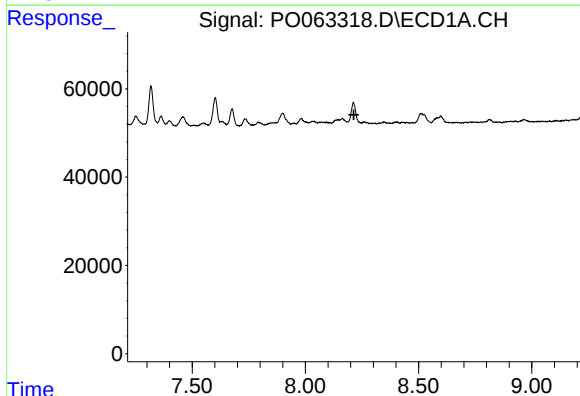
R.T.: 0.000 min
Exp R.T.: 7.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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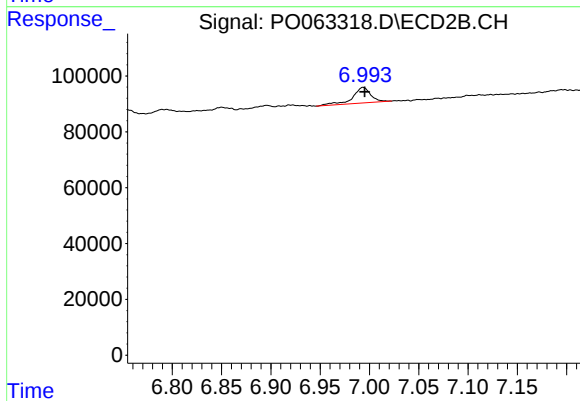
#36 AR-1262-1

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 53220
Conc: 29.25 ng/ml



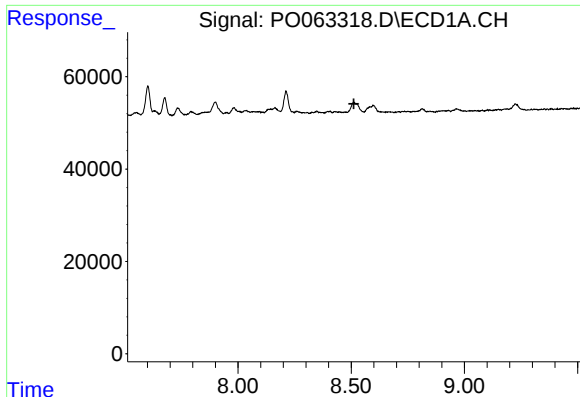
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#37 AR-1262-2

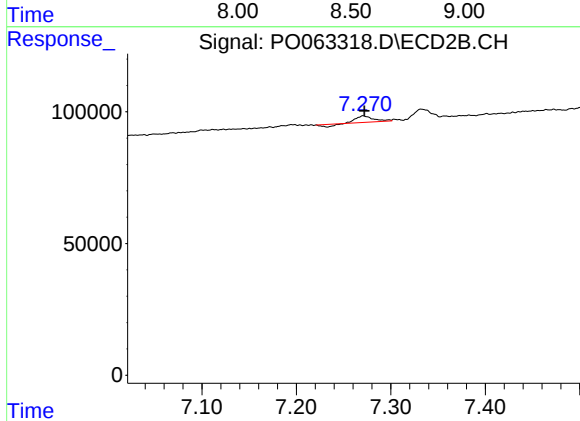
R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 71415
Conc: 10.02 ng/ml



#38 AR-1262-3

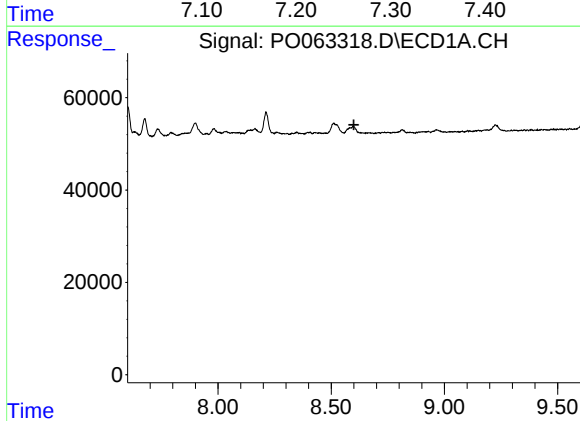
R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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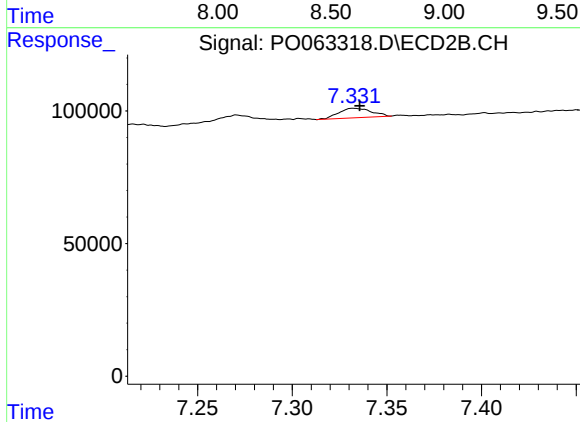
#38 AR-1262-3

R.T.: 7.271 min
Delta R.T.: -0.001 min
Response: 23793
Conc: 8.88 ng/ml



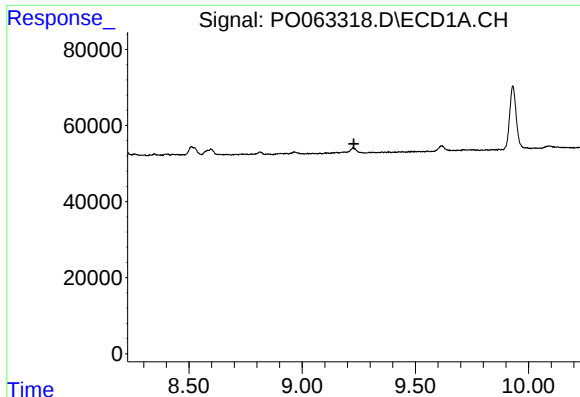
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.600 min
Response: 0
Conc: N.D.



#39 AR-1262-4

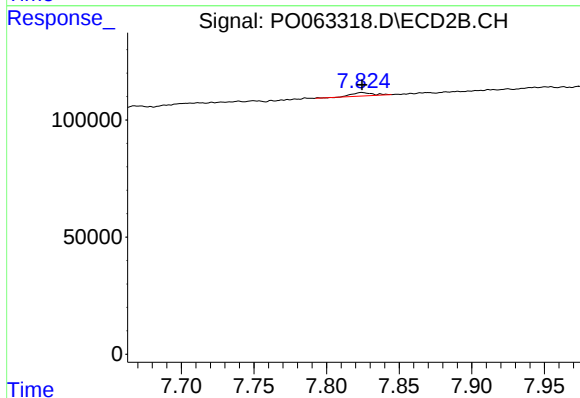
R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 42601
Conc: 9.29 ng/ml



#40 AR-1262-5

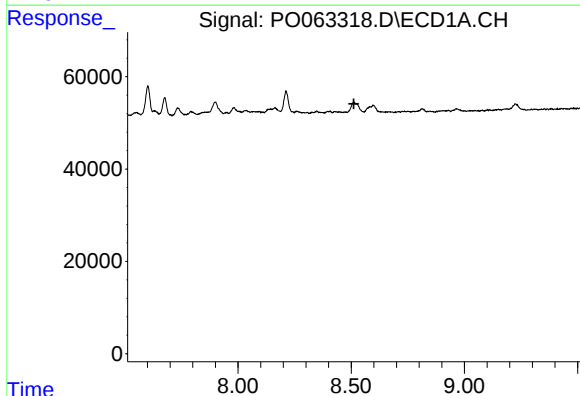
R.T.: 0.000 min
Exp R.T.: 9.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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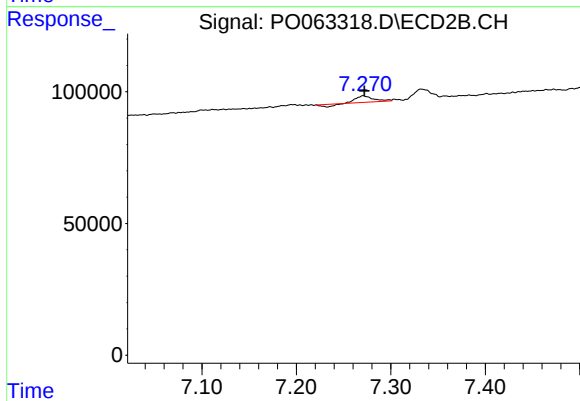
#40 AR-1262-5

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 14329
Conc: 7.30 ng/ml



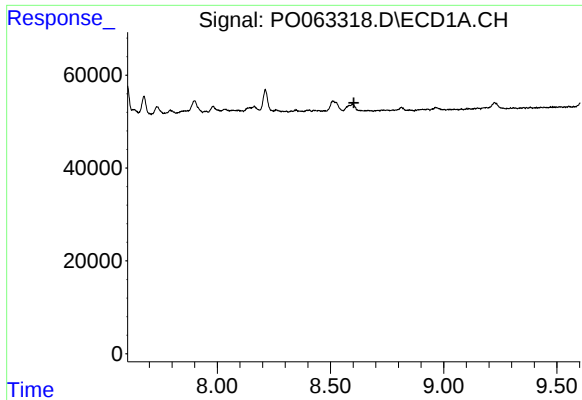
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.



#41 AR-1268-1

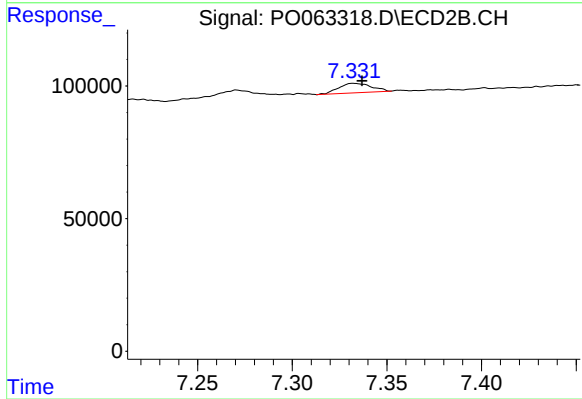
R.T.: 7.271 min
Delta R.T.: -0.001 min
Response: 23793
Conc: 2.99 ng/ml



#42 AR-1268-2

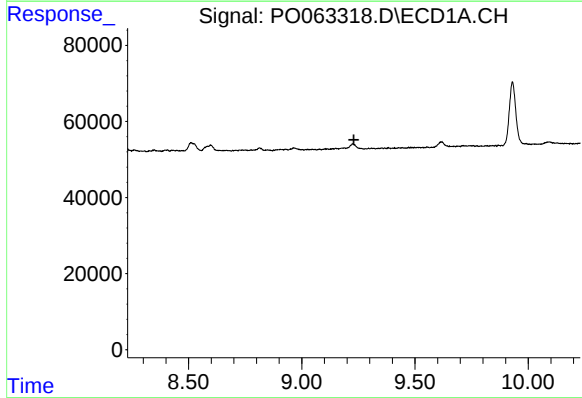
R.T.: 0.000 min
Exp R.T.: 8.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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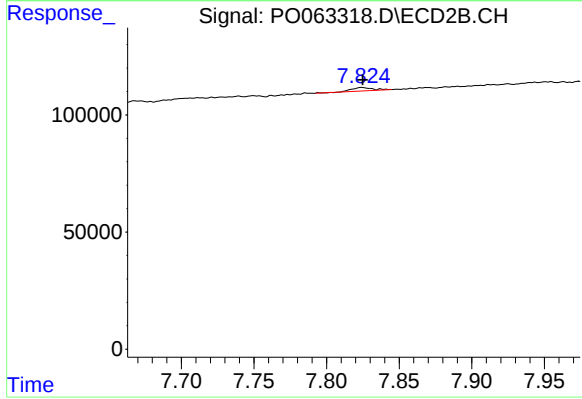
#42 AR-1268-2

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 42601
Conc: 6.47 ng/ml



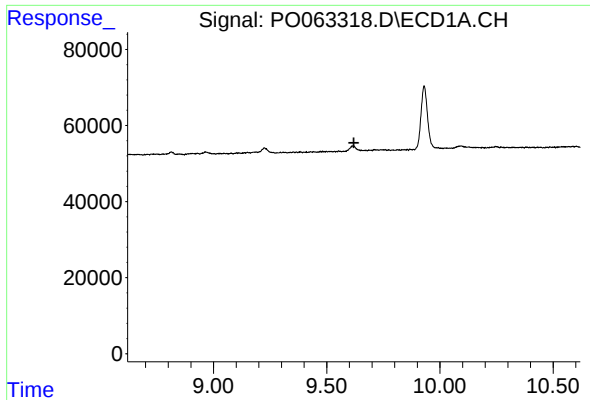
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.230 min
Response: 0
Conc: N.D.



#44 AR-1268-4

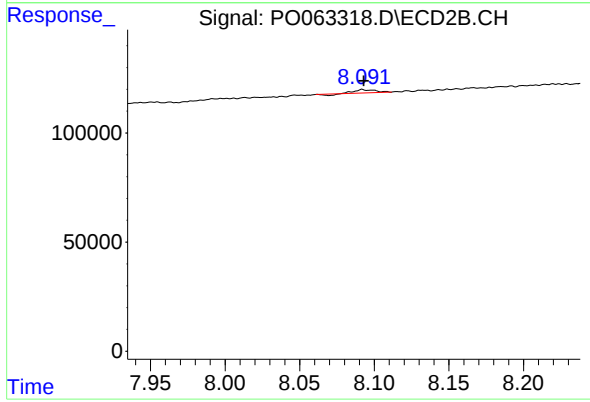
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 14329
Conc: 6.64 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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#45 AR-1268-5

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 12383
Conc: 0.83 ng/ml