

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103019\
 Data File : PO063284.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2019 11:28
 Operator : HP/AJ
 Sample : K5499-05RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:48:50 2019
 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
 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...	4.316	3.480	1083447	1071232	18.590	19.615
2)	SA Decachlor...	9.931	8.320	552805	818520	9.501	19.146 #
Target Compounds							
3)	L1 AR-1016-1	5.412	4.548	313774	19876	143.527	10.609 #
4)	L1 AR-1016-2	0.000	4.548	0	19876	N.D.	7.287 #
5)	L1 AR-1016-3	0.000	4.706	0	54747	N.D.	39.447 #
6)	L1 AR-1016-4	5.630	4.706	190734	54747	120.788	49.018 #
7)	L1 AR-1016-5	5.905	4.963	-14560	24821	N.D.	16.476 #
8)	L2 AR-1221-1	0.000	3.679	0	28384	N.D.	54.893 #
10)	L2 AR-1221-3	0.000	3.895	0	430351	N.D.	349.988 #
11)	L3 AR-1232-1	0.000	3.895	0	430351	N.D.	252.142 #
12)	L3 AR-1232-2	0.000	4.548	0	19876	N.D.	10.104 #
13)	L3 AR-1232-3	0.000	4.706	0	54747	N.D.	56.590 #
14)	L3 AR-1232-4	5.630	4.811	190734	52661	172.699	63.425 #
15)	L3 AR-1232-5	0.000	4.963	0	24821	N.D.	26.519 #
16)	L4 AR-1242-1	5.412	4.548	313774	19876	195.620	14.383 #
17)	L4 AR-1242-2	0.000	4.548	0	19876	N.D.	9.687 #
18)	L4 AR-1242-3	5.630	4.706	190734	54747	137.275	52.240 #
19)	L4 AR-1242-4	5.630	4.811	190734	52661	163.250	53.053 #
20)	L4 AR-1242-5	6.354	5.301	145784	430616	101.289	308.237 #
21)	L5 AR-1248-1	5.412	4.548	313774	19876	254.493	18.184 #
22)	L5 AR-1248-2	0.000	4.706	0	54747	N.D.	39.150 #
23)	L5 AR-1248-3	5.905	4.811	-14560	52661	N.D.	36.414 #
24)	L5 AR-1248-4	6.354	4.963	145784	24821	58.572	13.784 #
25)	L5 AR-1248-5	6.354	5.341	145784	66612	62.446	36.035 #
26)	L6 AR-1254-1	6.332	5.301	367150	430616	144.410	142.953
27)	L6 AR-1254-2	6.539	5.438	1062380	104943	262.639	38.911 #
28)	L6 AR-1254-3	6.911	5.831	497260	168081	116.826	39.150 #
29)	L6 AR-1254-4	7.186	6.056	95546	92046	28.228	32.301
30)	L6 AR-1254-5	7.603	6.462	247655	350766	74.662	94.099 #
31)	L7 AR-1260-1	7.064	5.958	123620	180558	39.863	65.376 #
32)	L7 AR-1260-2	7.315	6.143	1497916	178382	371.051	46.492 #
33)	L7 AR-1260-3	7.625	6.290	97857	162951	30.471	51.934 #
34)	L7 AR-1260-4	7.897	6.752	128168	75062	40.148	29.647 #
35)	L7 AR-1260-5	8.212	6.993	159155	209112	27.137	34.306 #
36)	L8 AR-1262-1	7.625	6.554	97857	36354	20.500	19.980
37)	L8 AR-1262-2	8.212	6.993	159155	209112	22.828	29.340 #
38)	L8 AR-1262-3	0.000	7.272	0	80808	N.D.	30.151 #
39)	L8 AR-1262-4	0.000	7.332	0	154871	N.D.	33.771 #
40)	L8 AR-1262-5	0.000	7.822	0	40174	N.D.	20.472 #
41)	L9 AR-1268-1	0.000	7.272	0	80808	N.D.	10.141 #
42)	L9 AR-1268-2	0.000	7.332	0	154871	N.D.	23.521 #

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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	0.000	7.535	0	22076	N.D.	3.950 #
44) L9	AR-1268-4	0.000	7.822	0	40174	N.D.	18.613 #
45) L9	AR-1268-5	0.000	8.079	0	163740	N.D.	10.936 #

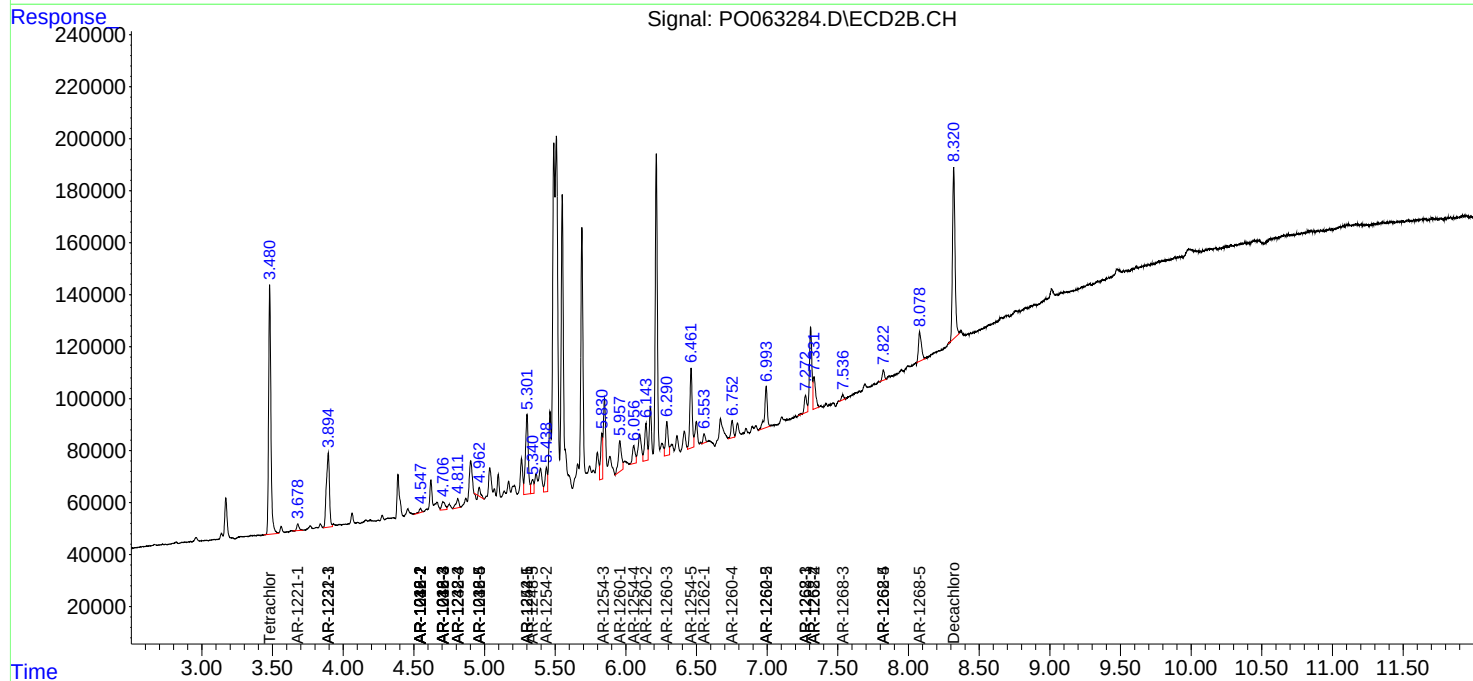
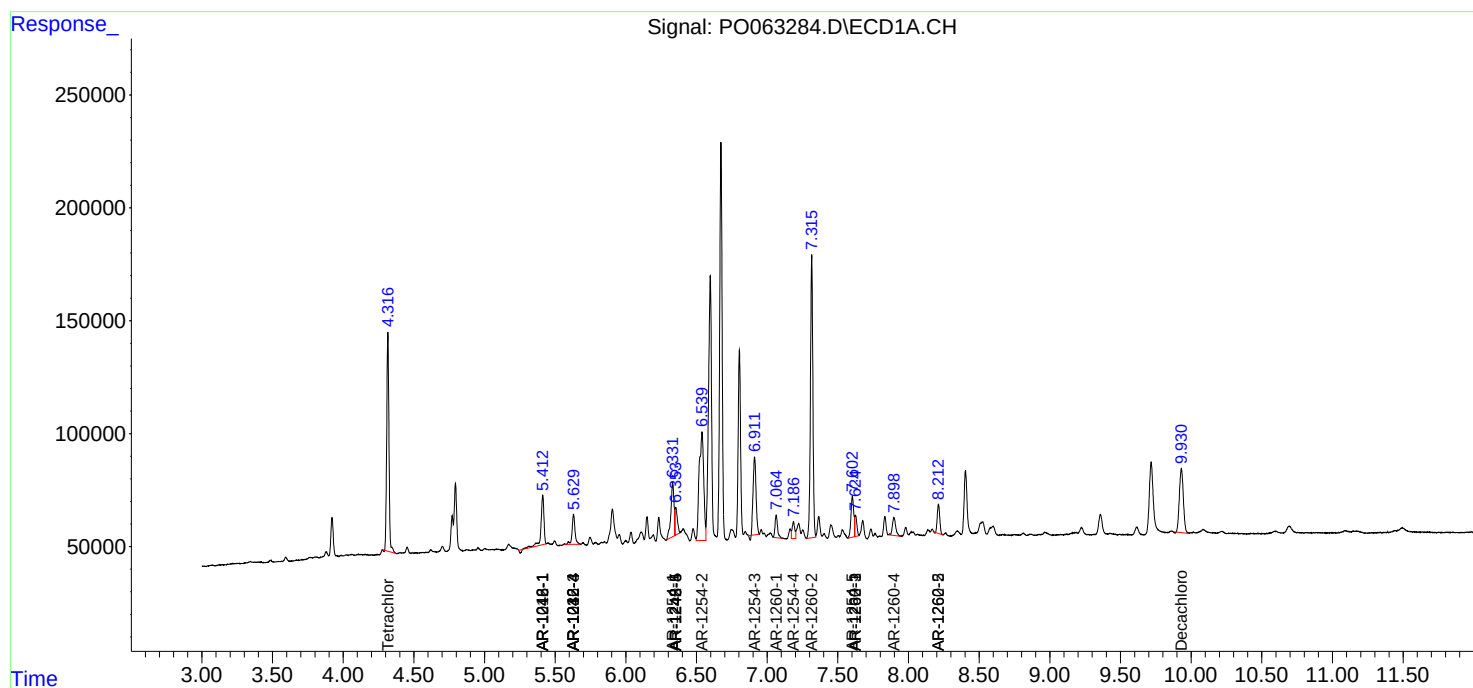
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

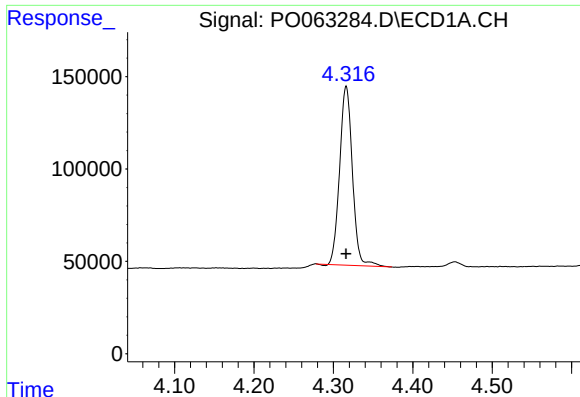
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

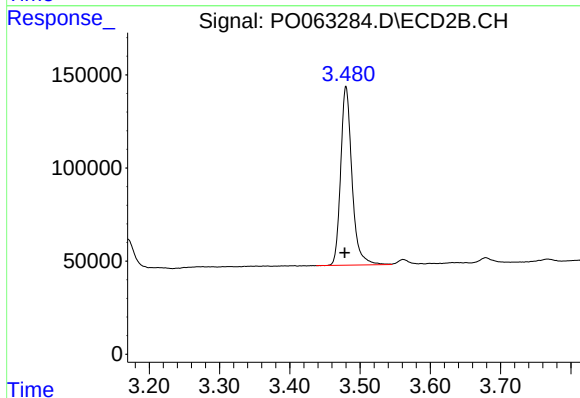




#1 Tetrachloro-m-xylene

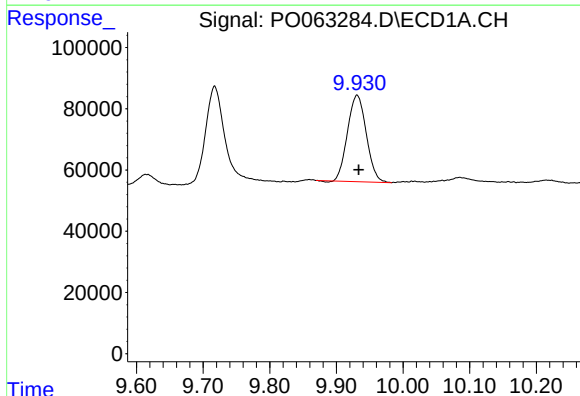
R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 1083447
Conc: 18.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



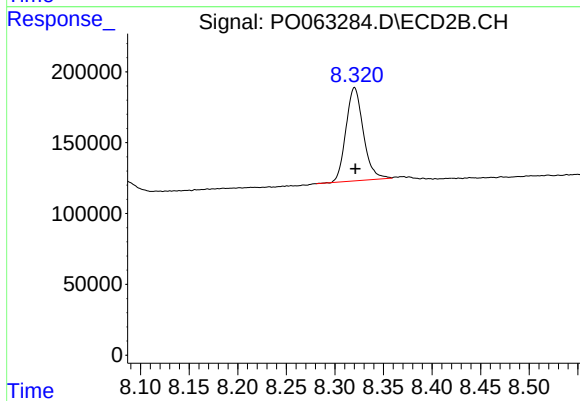
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.002 min
Response: 1071232
Conc: 19.61 ng/ml



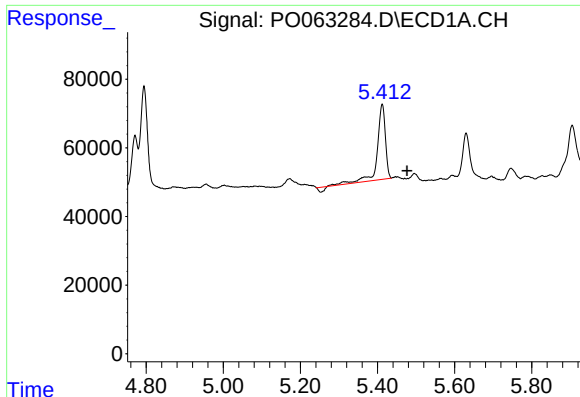
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.003 min
Response: 552805
Conc: 9.50 ng/ml



#2 Decachlorobiphenyl

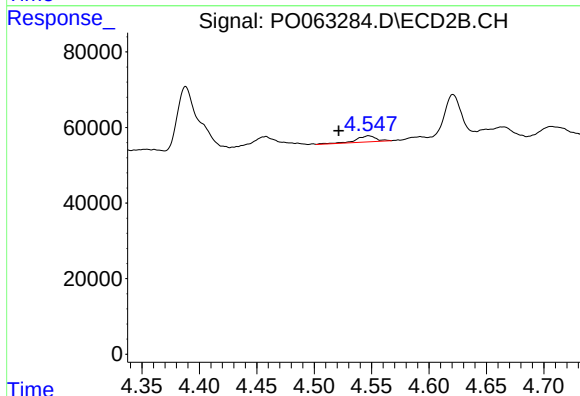
R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 818520
Conc: 19.15 ng/ml



#3 AR-1016-1

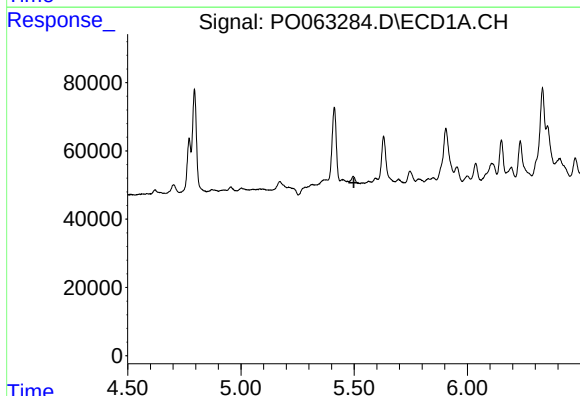
R.T.: 5.412 min
Delta R.T.: -0.064 min
Response: 313774
Conc: 143.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



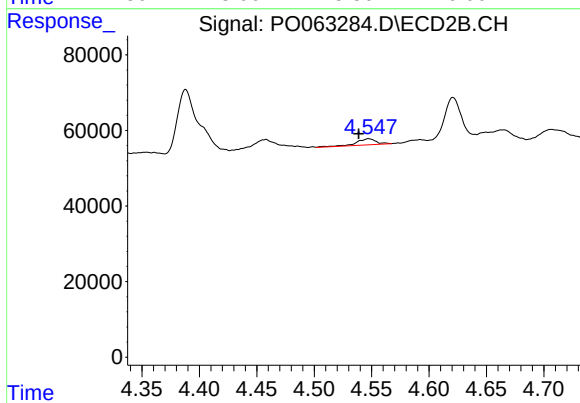
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: 0.026 min
Response: 19876
Conc: 10.61 ng/ml



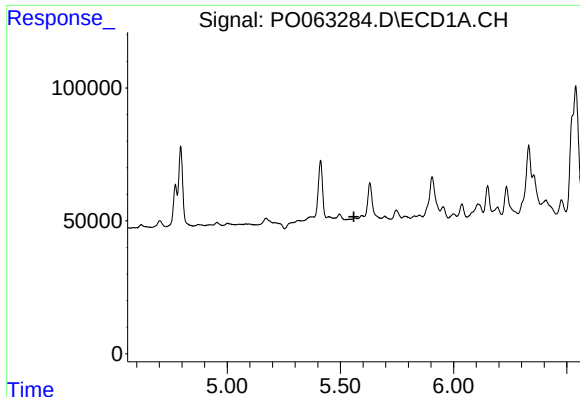
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.499 min
Response: 0
Conc: N.D.



#4 AR-1016-2

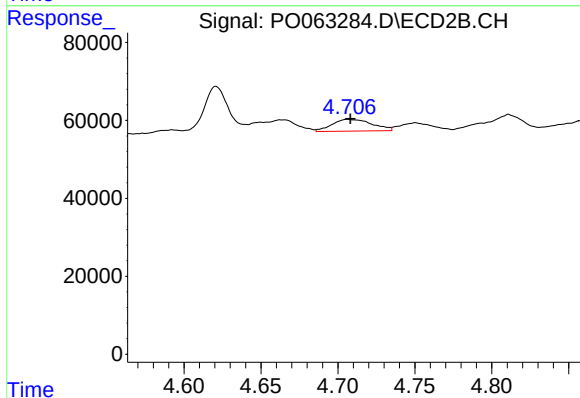
R.T.: 4.548 min
Delta R.T.: 0.009 min
Response: 19876
Conc: 7.29 ng/ml



#5 AR-1016-3

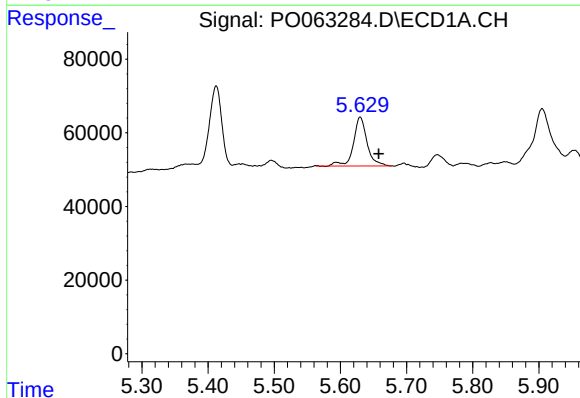
R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



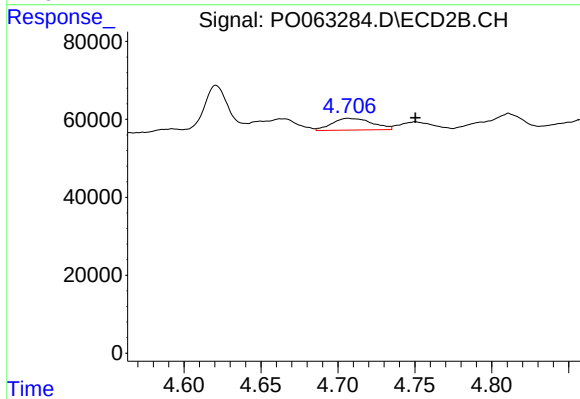
#5 AR-1016-3

R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 54747
Conc: 39.45 ng/ml



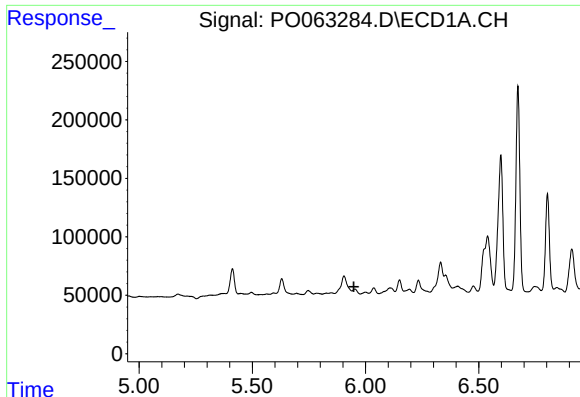
#6 AR-1016-4

R.T.: 5.630 min
Delta R.T.: -0.028 min
Response: 190734
Conc: 120.79 ng/ml



#6 AR-1016-4

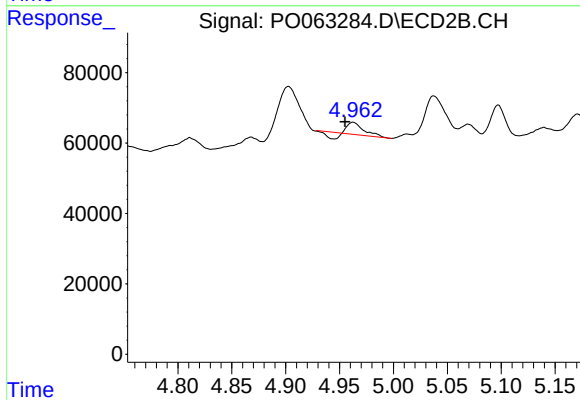
R.T.: 4.706 min
Delta R.T.: -0.044 min
Response: 54747
Conc: 49.02 ng/ml



#7 AR-1016-5

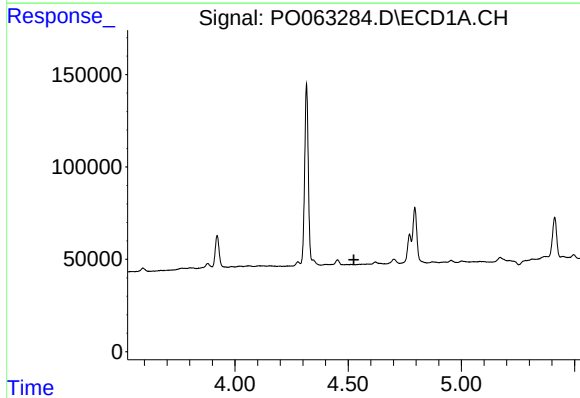
R.T.: 5.905 min
Delta R.T.: -0.044 min
Response: -14560
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



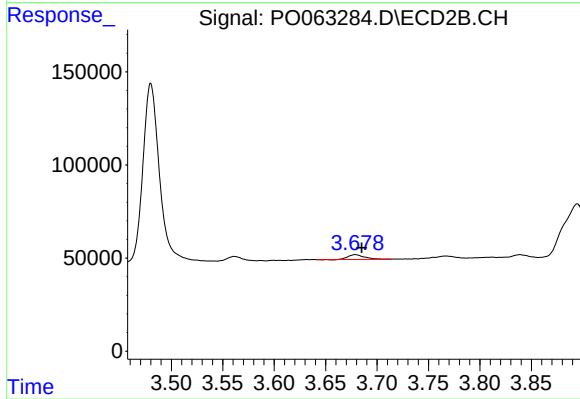
#7 AR-1016-5

R.T.: 4.963 min
Delta R.T.: 0.007 min
Response: 24821
Conc: 16.48 ng/ml



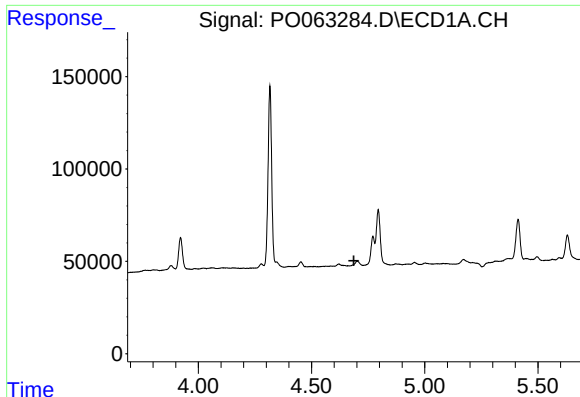
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.526 min
Response: 0
Conc: N.D.



#8 AR-1221-1

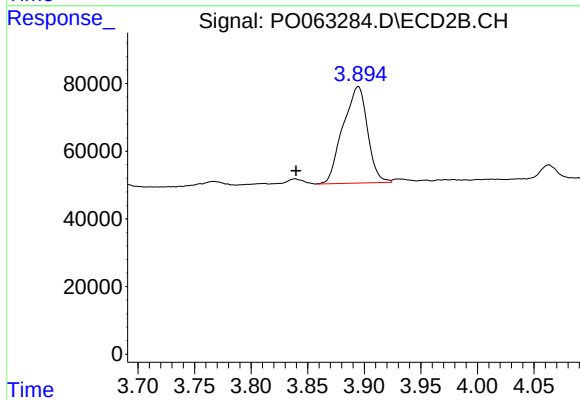
R.T.: 3.679 min
Delta R.T.: -0.006 min
Response: 28384
Conc: 54.89 ng/ml



#10 AR-1221-3

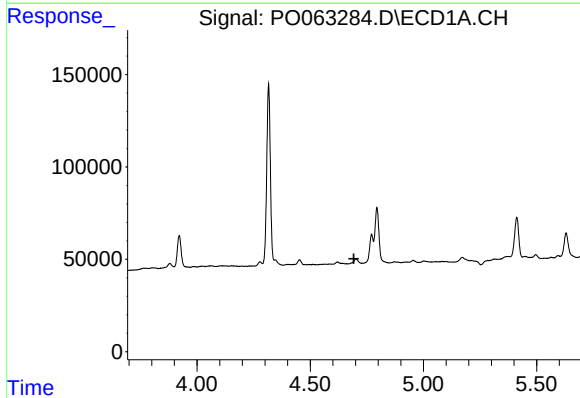
R.T.: 0.000 min
Exp R.T. : 4.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



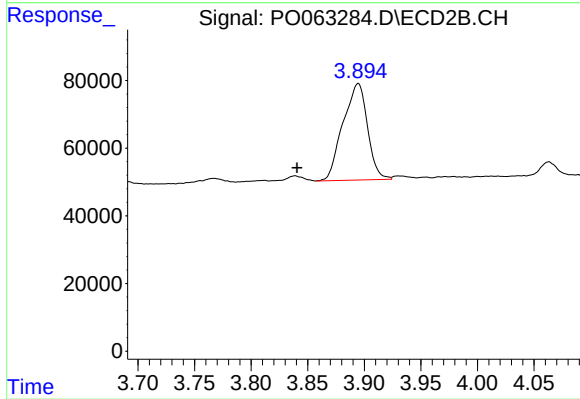
#10 AR-1221-3

R.T.: 3.895 min
Delta R.T.: 0.055 min
Response: 430351
Conc: 349.99 ng/ml



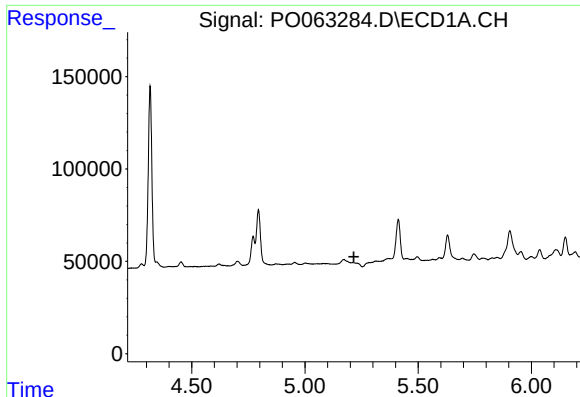
#11 AR-1232-1

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



#11 AR-1232-1

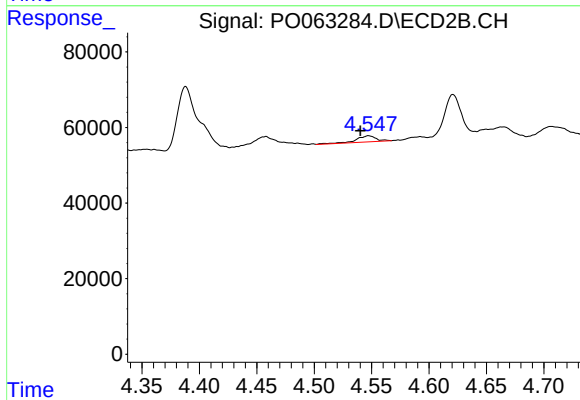
R.T.: 3.895 min
Delta R.T.: 0.054 min
Response: 430351
Conc: 252.14 ng/ml



#12 AR-1232-2

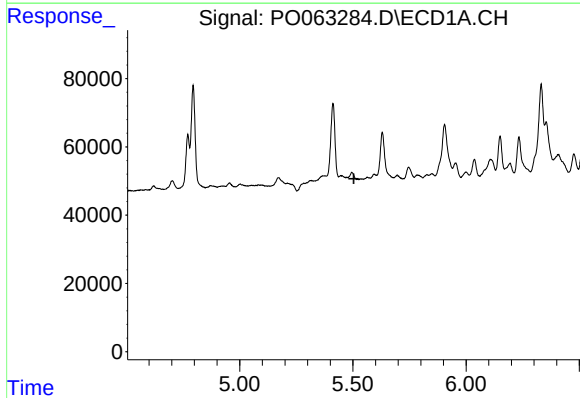
R.T.: 0.000 min
Exp R.T. : 5.216 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



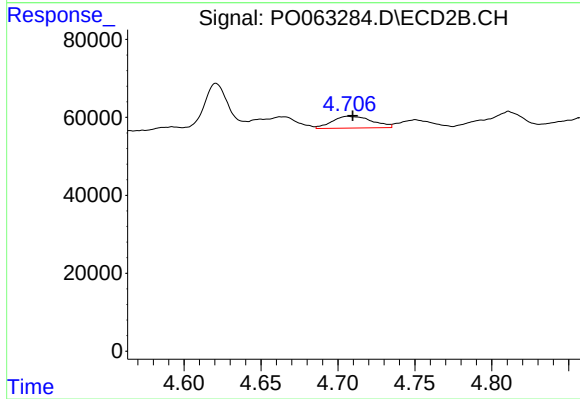
#12 AR-1232-2

R.T.: 4.548 min
Delta R.T.: 0.007 min
Response: 19876
Conc: 10.10 ng/ml



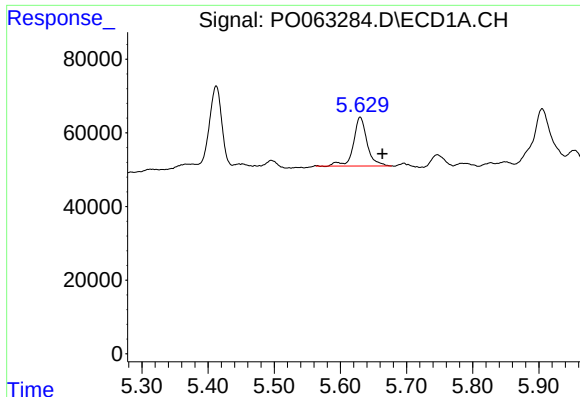
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.504 min
Response: 0
Conc: N.D.



#13 AR-1232-3

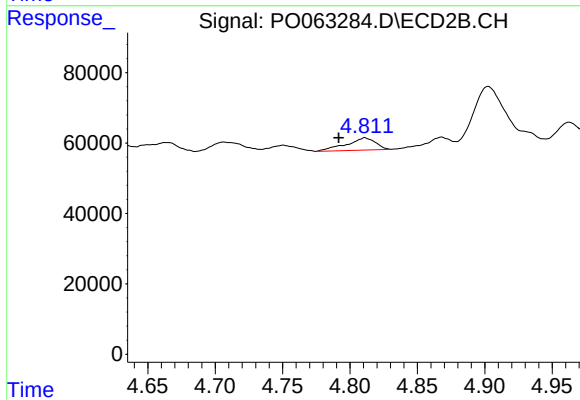
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 54747
Conc: 56.59 ng/ml



#14 AR-1232-4

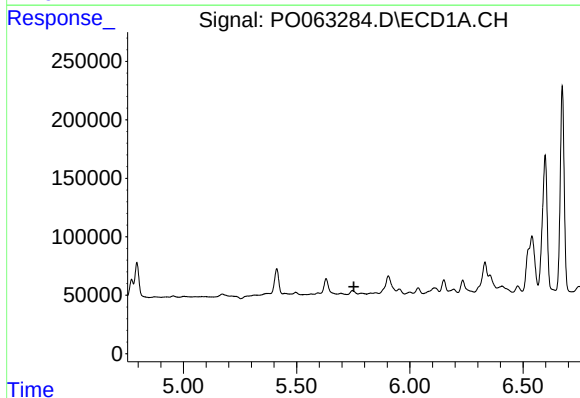
R.T.: 5.630 min
Delta R.T.: -0.034 min
Response: 190734
Conc: 172.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



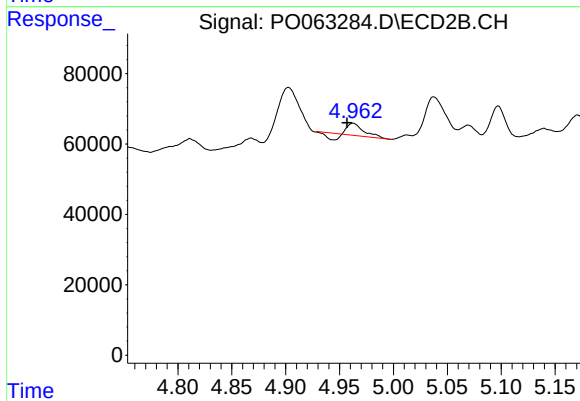
#14 AR-1232-4

R.T.: 4.811 min
Delta R.T.: 0.020 min
Response: 52661
Conc: 63.43 ng/ml



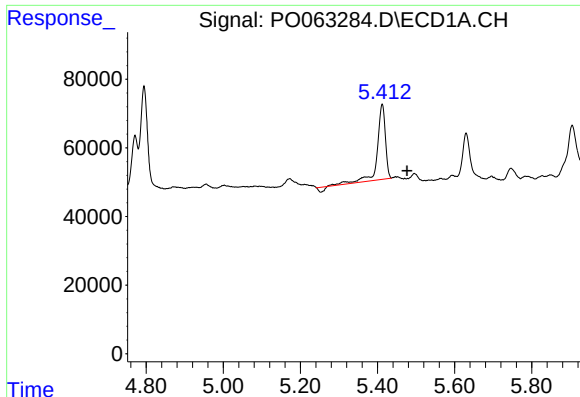
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.753 min
Response: 0
Conc: N.D.



#15 AR-1232-5

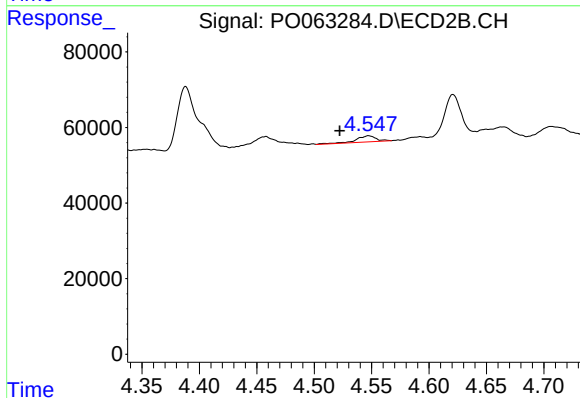
R.T.: 4.963 min
Delta R.T.: 0.006 min
Response: 24821
Conc: 26.52 ng/ml



#16 AR-1242-1

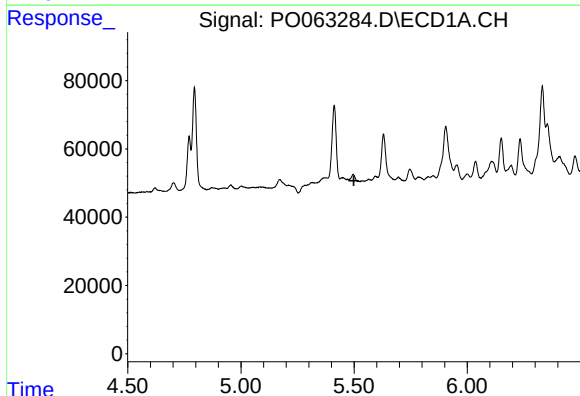
R.T.: 5.412 min
Delta R.T.: -0.065 min
Response: 313774
Conc: 195.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



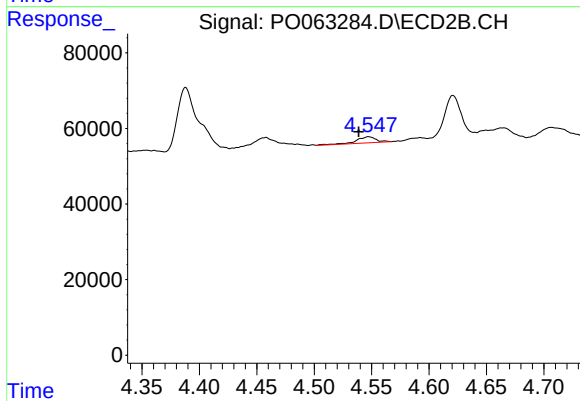
#16 AR-1242-1

R.T.: 4.548 min
Delta R.T.: 0.025 min
Response: 19876
Conc: 14.38 ng/ml



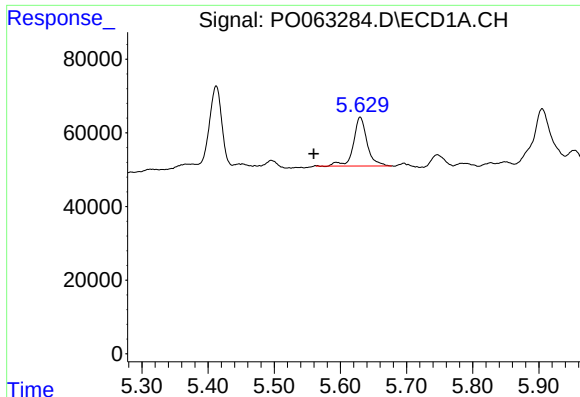
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.499 min
Response: 0
Conc: N.D.



#17 AR-1242-2

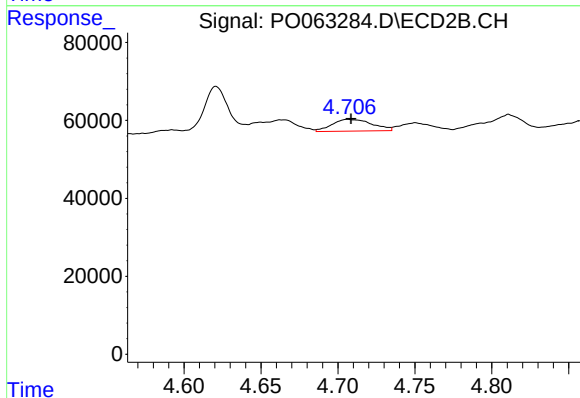
R.T.: 4.548 min
Delta R.T.: 0.009 min
Response: 19876
Conc: 9.69 ng/ml



#18 AR-1242-3

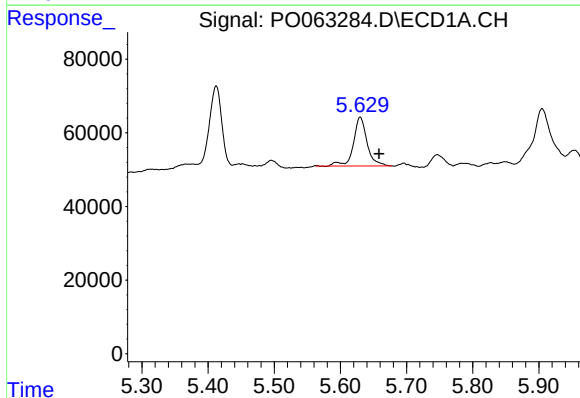
R.T.: 5.630 min
Delta R.T.: 0.070 min
Response: 190734
Conc: 137.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



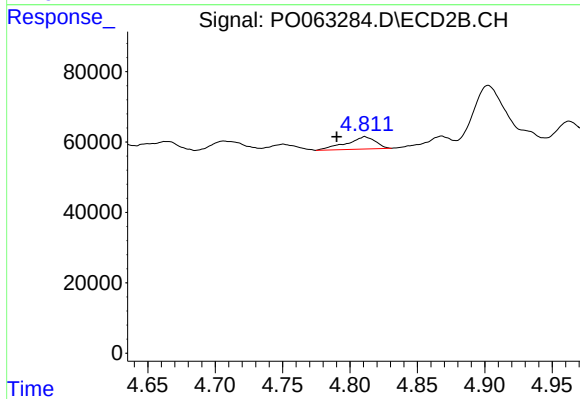
#18 AR-1242-3

R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 54747
Conc: 52.24 ng/ml



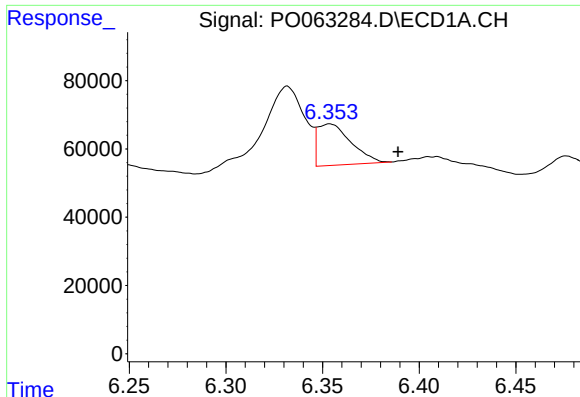
#19 AR-1242-4

R.T.: 5.630 min
Delta R.T.: -0.028 min
Response: 190734
Conc: 163.25 ng/ml



#19 AR-1242-4

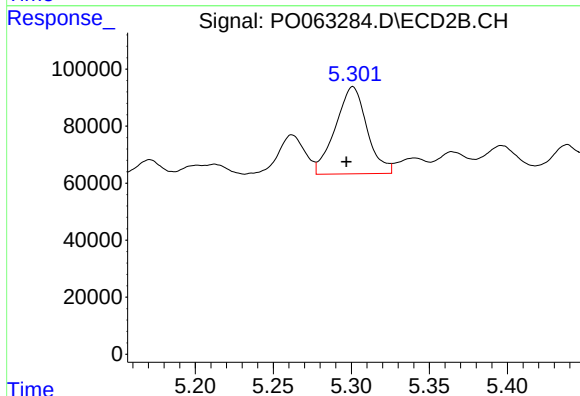
R.T.: 4.811 min
Delta R.T.: 0.021 min
Response: 52661
Conc: 53.05 ng/ml



#20 AR-1242-5

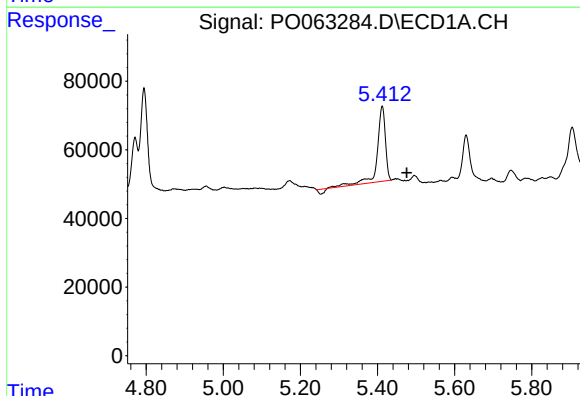
R.T.: 6.354 min
Delta R.T.: -0.035 min
Response: 145784
Conc: 101.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



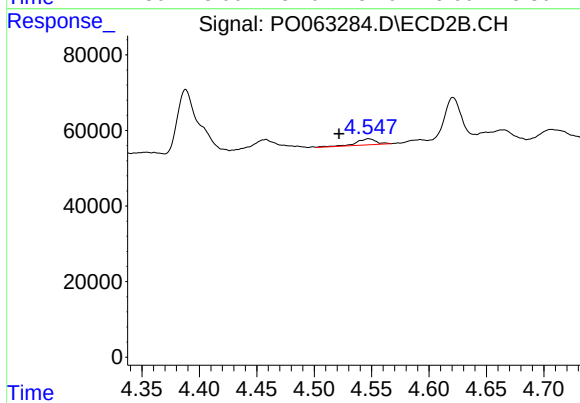
#20 AR-1242-5

R.T.: 5.301 min
Delta R.T.: 0.004 min
Response: 430616
Conc: 308.24 ng/ml



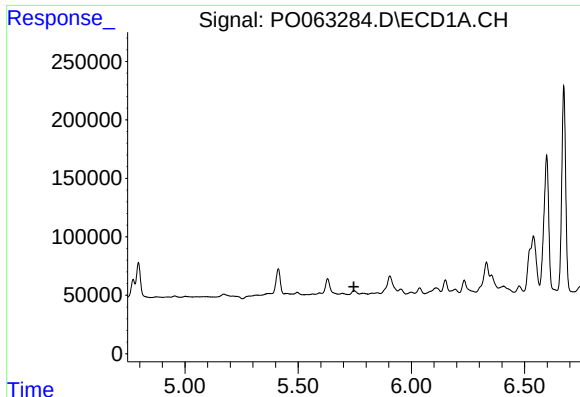
#21 AR-1248-1

R.T.: 5.412 min
Delta R.T.: -0.064 min
Response: 313774
Conc: 254.49 ng/ml



#21 AR-1248-1

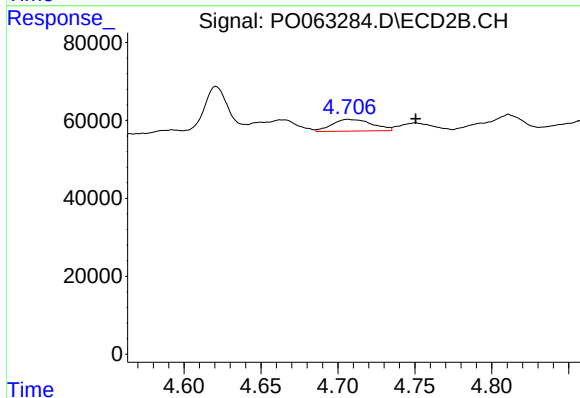
R.T.: 4.548 min
Delta R.T.: 0.026 min
Response: 19876
Conc: 18.18 ng/ml



#22 AR-1248-2

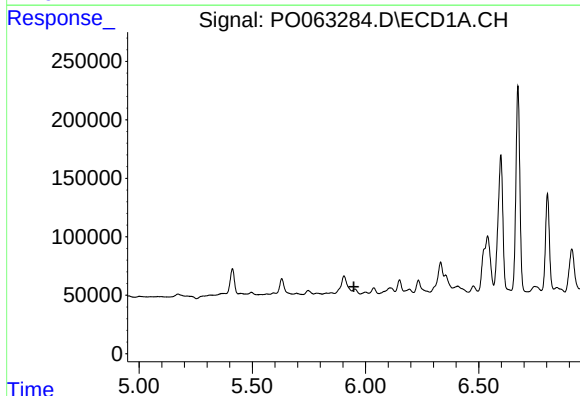
R.T.: 0.000 min
Exp R.T.: 5.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



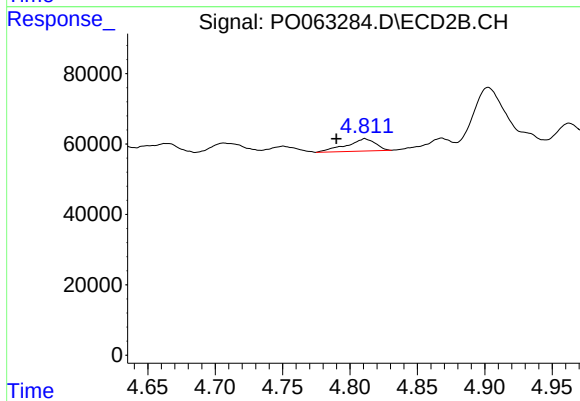
#22 AR-1248-2

R.T.: 4.706 min
Delta R.T.: -0.044 min
Response: 54747
Conc: 39.15 ng/ml



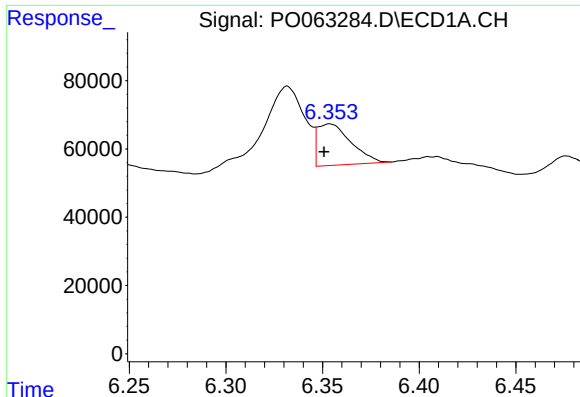
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: -0.044 min
Response: -14560
Conc: N.D.



#23 AR-1248-3

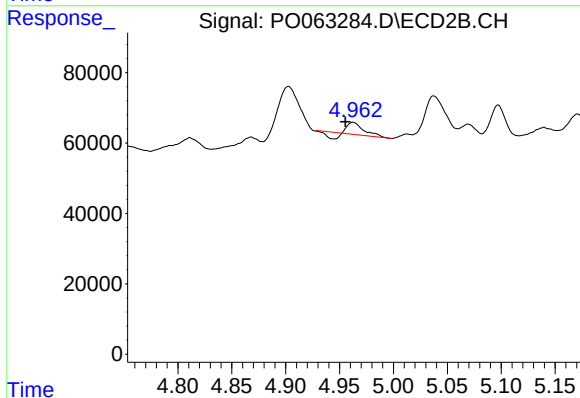
R.T.: 4.811 min
Delta R.T.: 0.021 min
Response: 52661
Conc: 36.41 ng/ml



#24 AR-1248-4

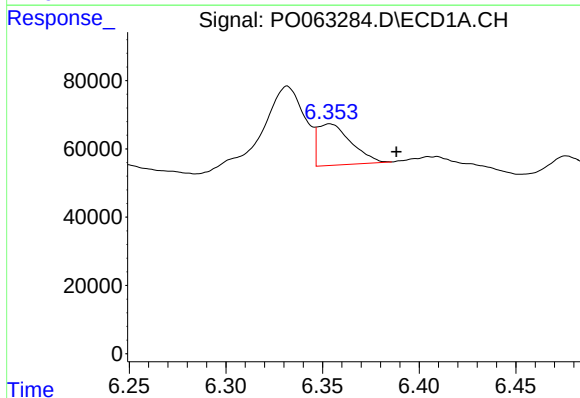
R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 145784
Conc: 58.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



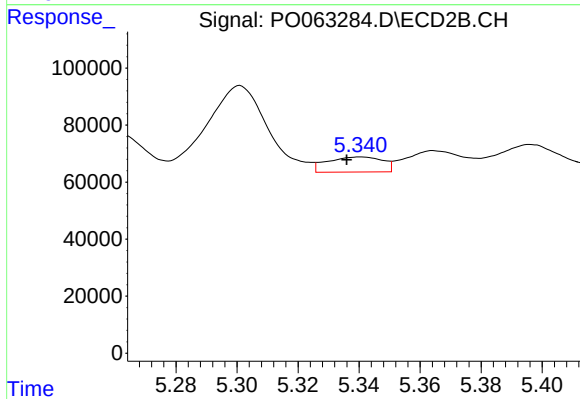
#24 AR-1248-4

R.T.: 4.963 min
Delta R.T.: 0.007 min
Response: 24821
Conc: 13.78 ng/ml



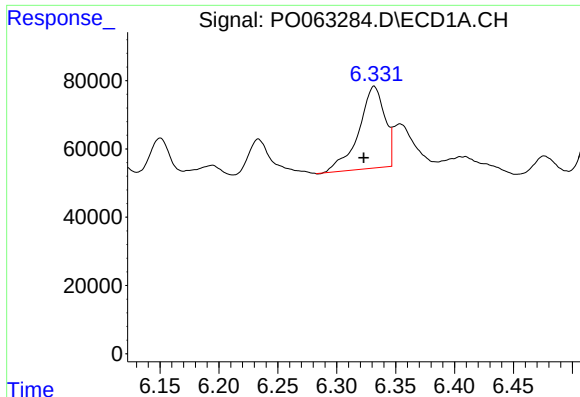
#25 AR-1248-5

R.T.: 6.354 min
Delta R.T.: -0.034 min
Response: 145784
Conc: 62.45 ng/ml



#25 AR-1248-5

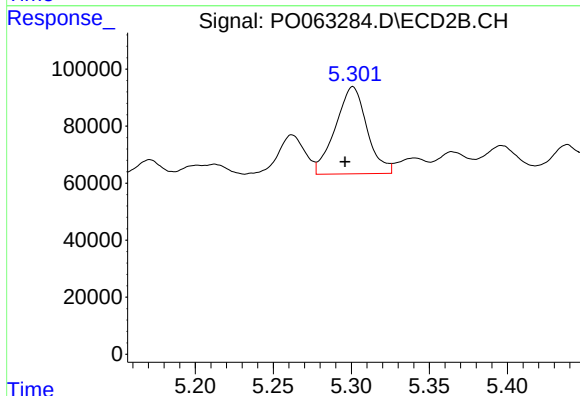
R.T.: 5.341 min
Delta R.T.: 0.005 min
Response: 66612
Conc: 36.03 ng/ml



#26 AR-1254-1

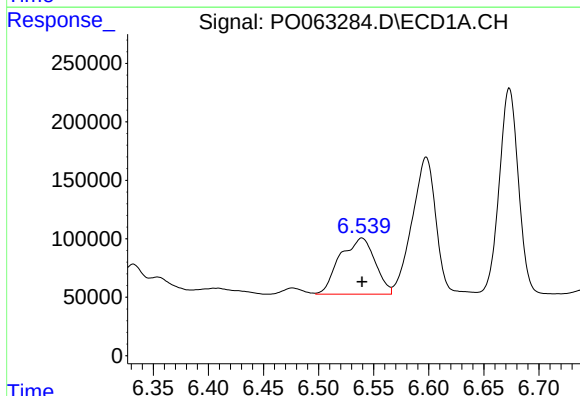
R.T.: 6.332 min
Delta R.T.: 0.009 min
Response: 367150
Conc: 144.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



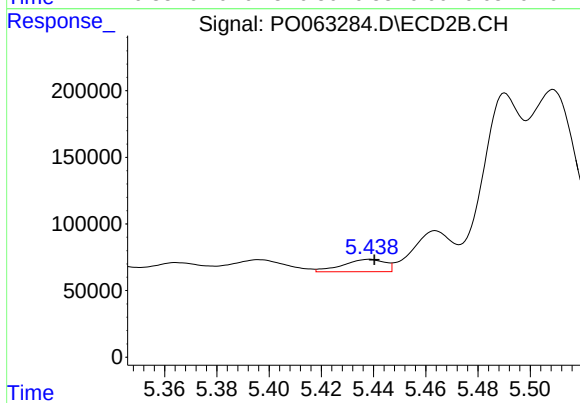
#26 AR-1254-1

R.T.: 5.301 min
Delta R.T.: 0.005 min
Response: 430616
Conc: 142.95 ng/ml



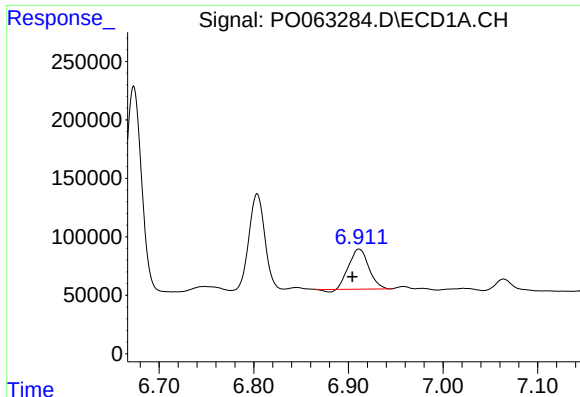
#27 AR-1254-2

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 1062380
Conc: 262.64 ng/ml



#27 AR-1254-2

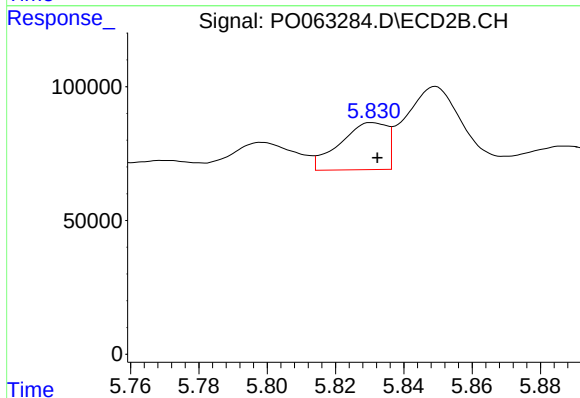
R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 104943
Conc: 38.91 ng/ml



#28 AR-1254-3

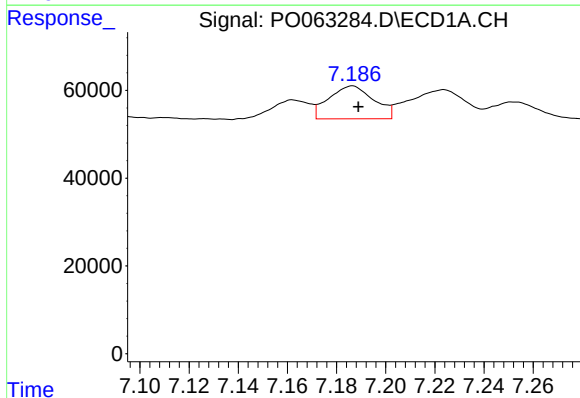
R.T.: 6.911 min
Delta R.T.: 0.007 min
Response: 497260
Conc: 116.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



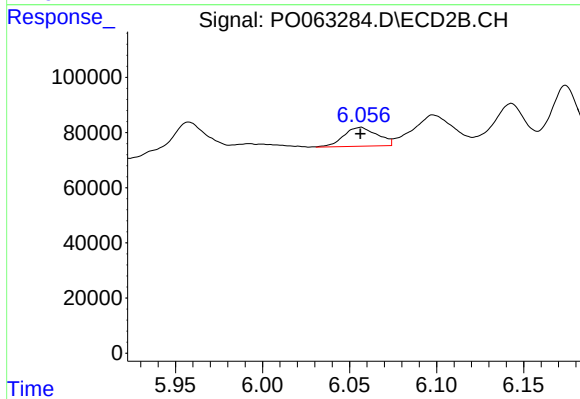
#28 AR-1254-3

R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 168081
Conc: 39.15 ng/ml



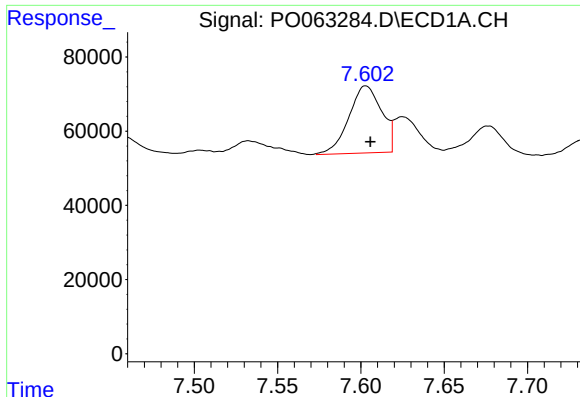
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 95546
Conc: 28.23 ng/ml



#29 AR-1254-4

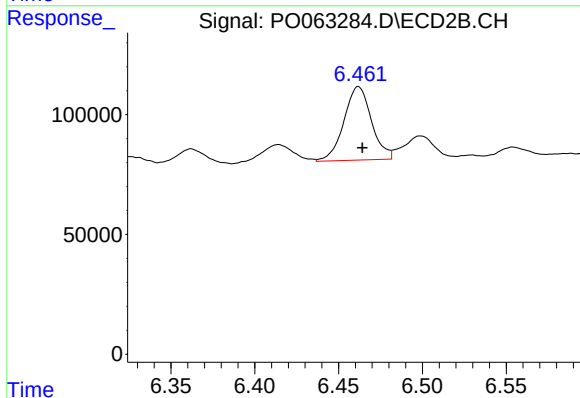
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 92046
Conc: 32.30 ng/ml



#30 AR-1254-5

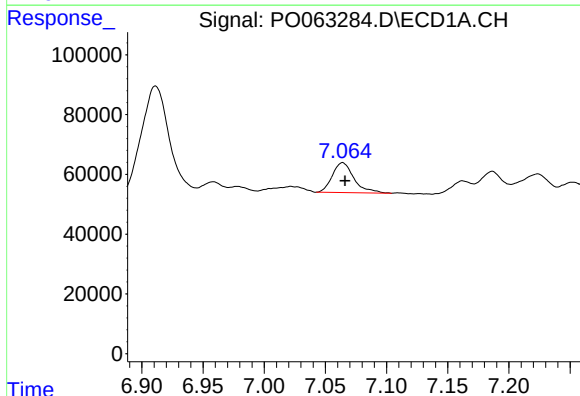
R.T.: 7.603 min
Delta R.T.: -0.003 min
Response: 247655
Conc: 74.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



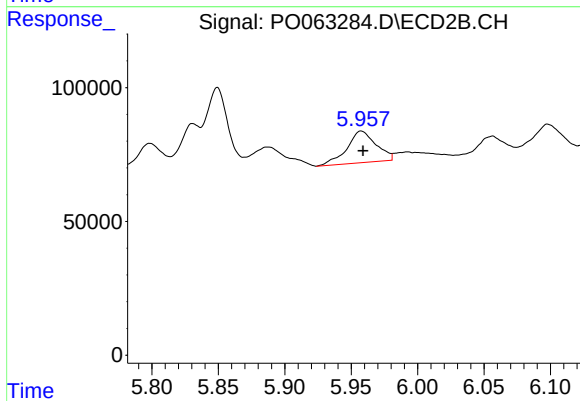
#30 AR-1254-5

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 350766
Conc: 94.10 ng/ml



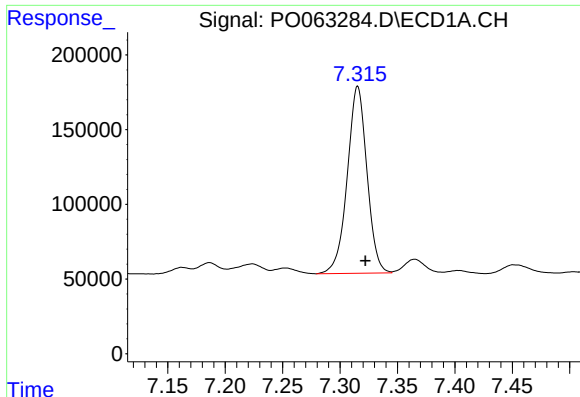
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 123620
Conc: 39.86 ng/ml



#31 AR-1260-1

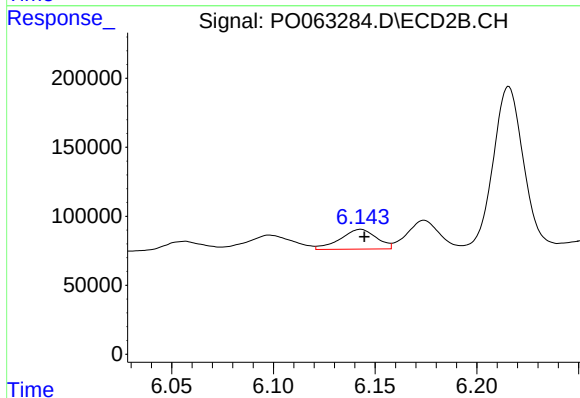
R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 180558
Conc: 65.38 ng/ml



#32 AR-1260-2

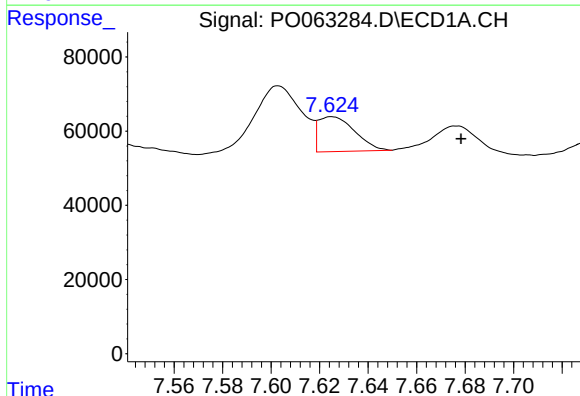
R.T.: 7.315 min
Delta R.T.: -0.007 min
Response: 1497916
Conc: 371.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



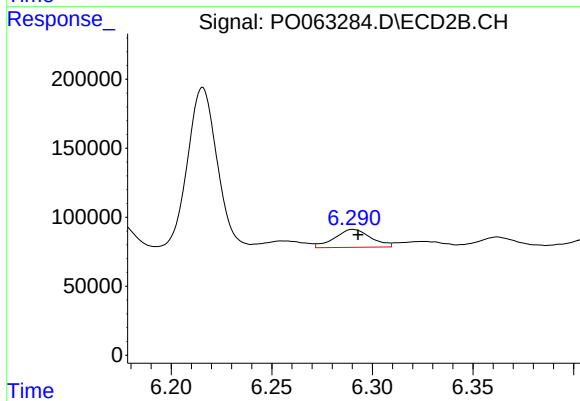
#32 AR-1260-2

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 178382
Conc: 46.49 ng/ml



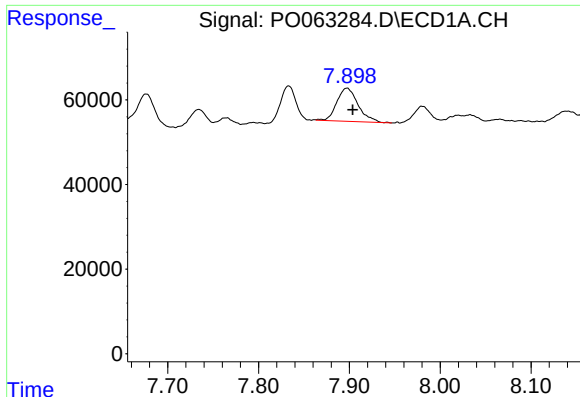
#33 AR-1260-3

R.T.: 7.625 min
Delta R.T.: -0.053 min
Response: 97857
Conc: 30.47 ng/ml



#33 AR-1260-3

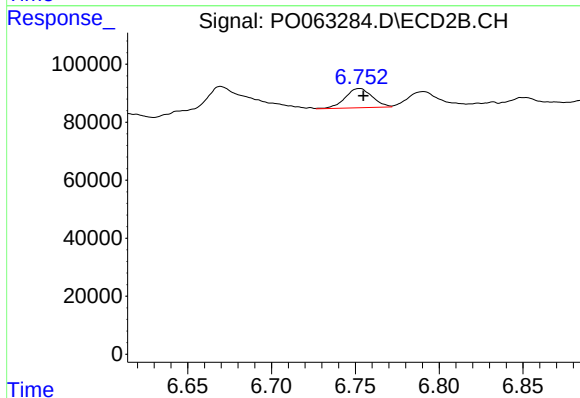
R.T.: 6.290 min
Delta R.T.: -0.002 min
Response: 162951
Conc: 51.93 ng/ml



#34 AR-1260-4

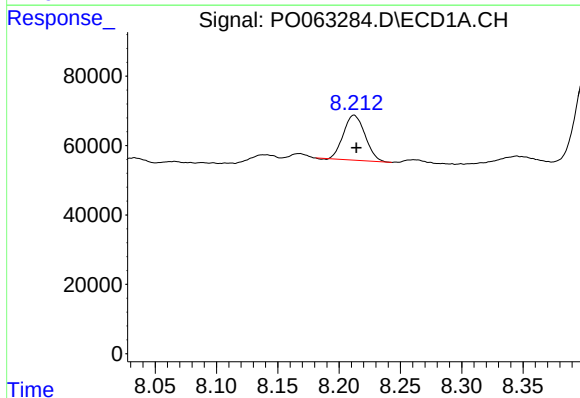
R.T.: 7.897 min
Delta R.T.: -0.006 min
Response: 128168
Conc: 40.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



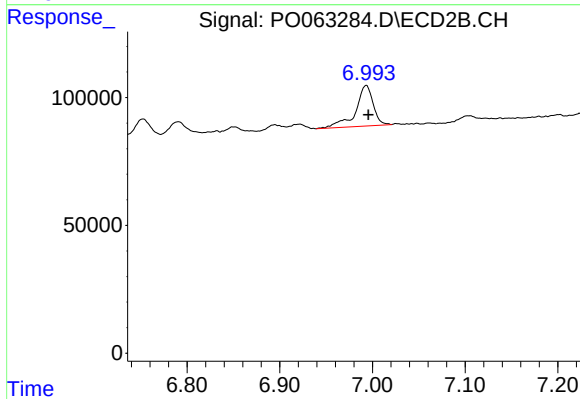
#34 AR-1260-4

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 75062
Conc: 29.65 ng/ml



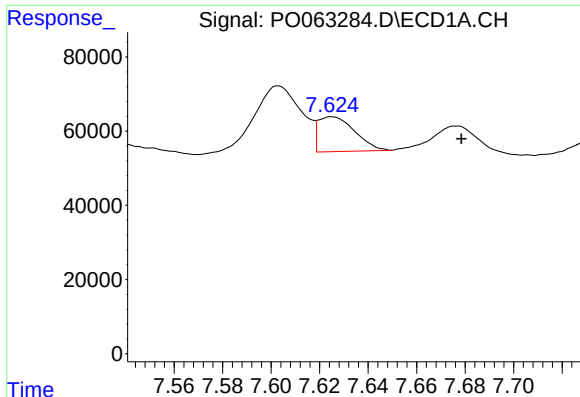
#35 AR-1260-5

R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 159155
Conc: 27.14 ng/ml



#35 AR-1260-5

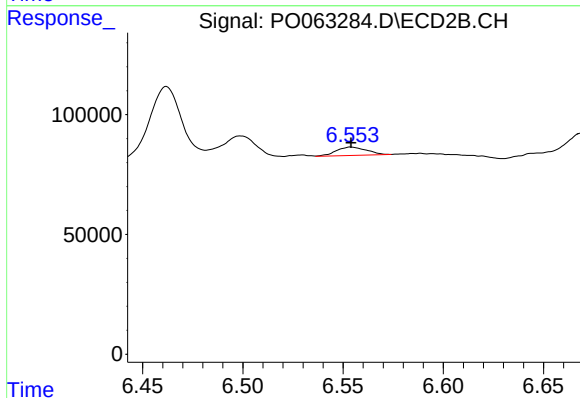
R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 209112
Conc: 34.31 ng/ml



#36 AR-1262-1

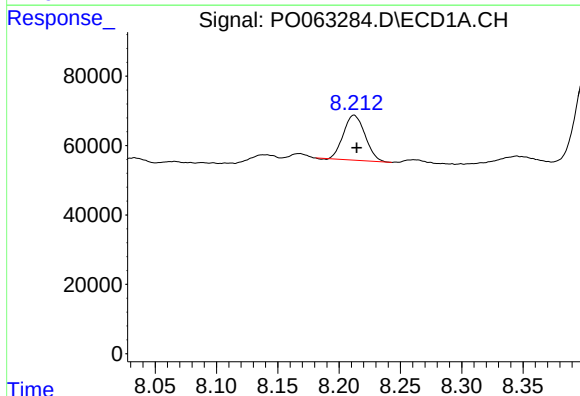
R.T.: 7.625 min
Delta R.T.: -0.053 min
Response: 97857
Conc: 20.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



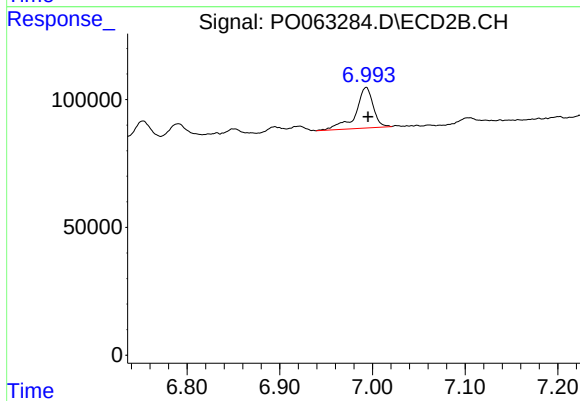
#36 AR-1262-1

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 36354
Conc: 19.98 ng/ml



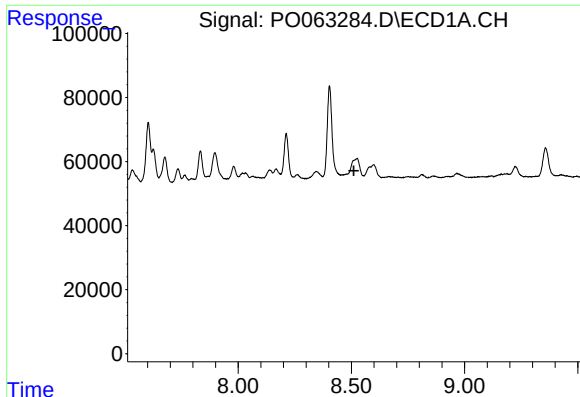
#37 AR-1262-2

R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 159155
Conc: 22.83 ng/ml



#37 AR-1262-2

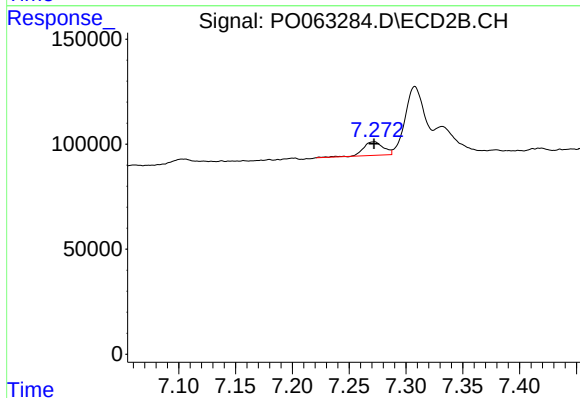
R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 209112
Conc: 29.34 ng/ml



#38 AR-1262-3

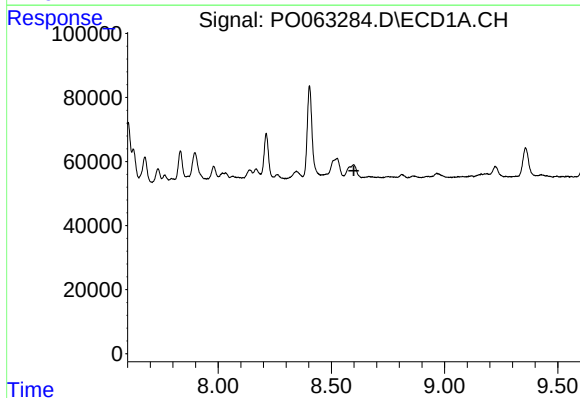
R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



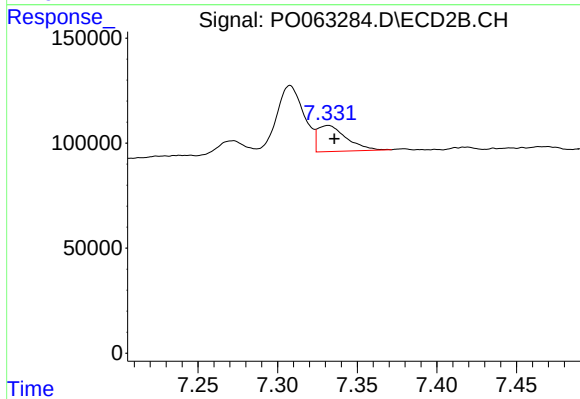
#38 AR-1262-3

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 80808
Conc: 30.15 ng/ml



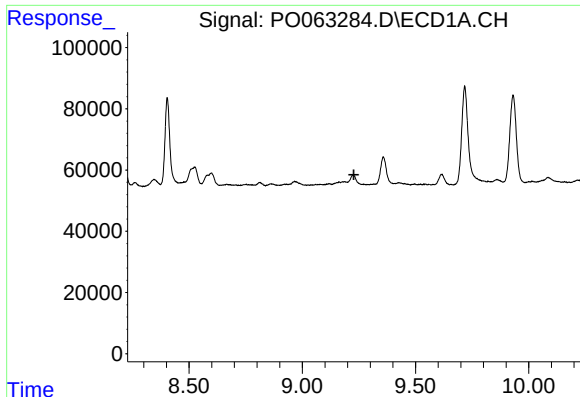
#39 AR-1262-4

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



#39 AR-1262-4

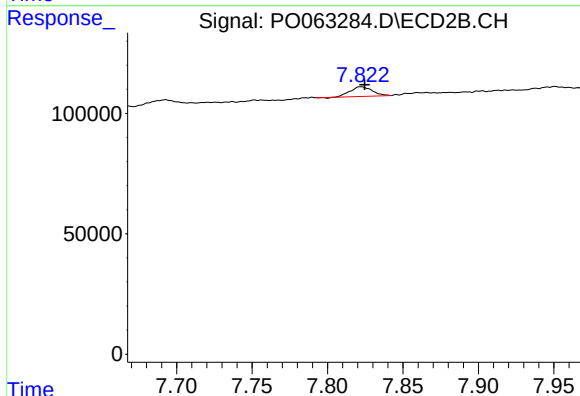
R.T.: 7.332 min
Delta R.T.: -0.004 min
Response: 154871
Conc: 33.77 ng/ml



#40 AR-1262-5

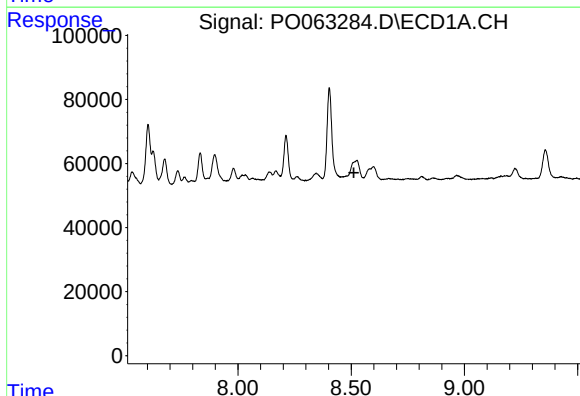
R.T.: 0.000 min
Exp R.T.: 9.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



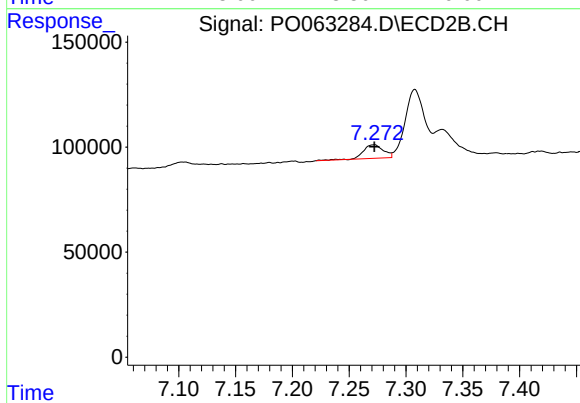
#40 AR-1262-5

R.T.: 7.822 min
Delta R.T.: -0.002 min
Response: 40174
Conc: 20.47 ng/ml



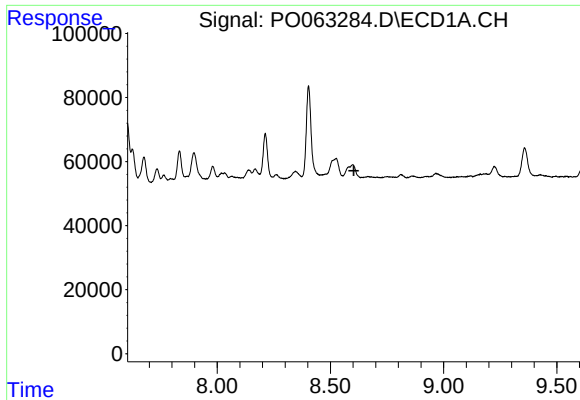
#41 AR-1268-1

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



#41 AR-1268-1

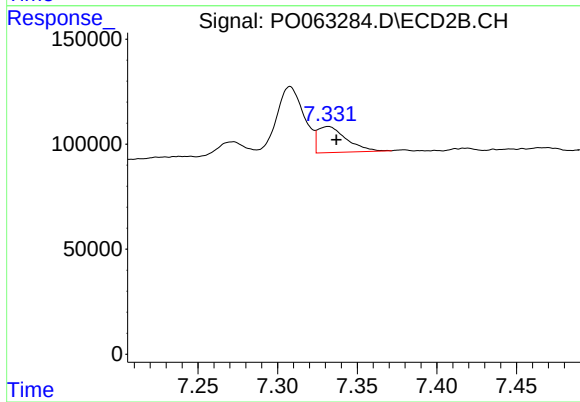
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 80808
Conc: 10.14 ng/ml



#42 AR-1268-2

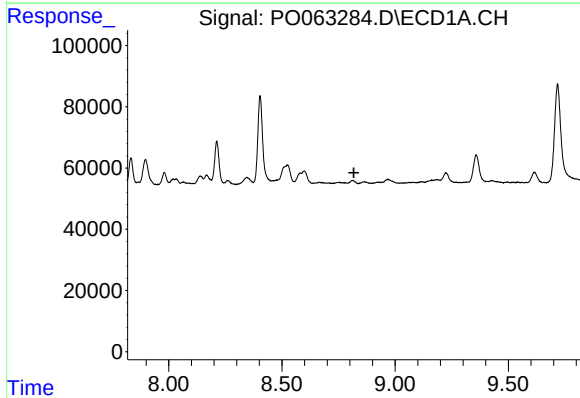
R.T.: 0.000 min
Exp R.T.: 8.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



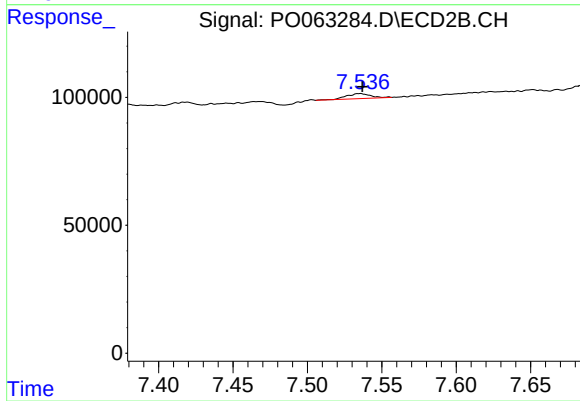
#42 AR-1268-2

R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 154871
Conc: 23.52 ng/ml



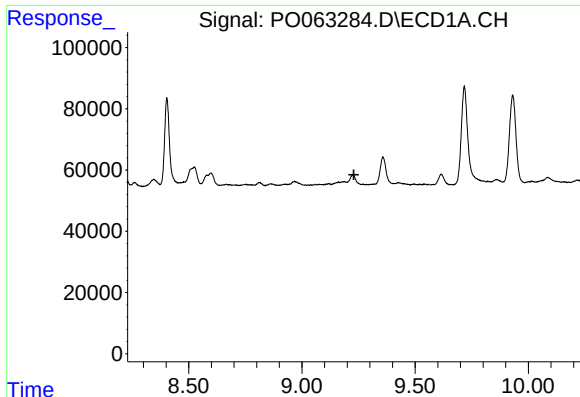
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.818 min
Response: 0
Conc: N.D.



#43 AR-1268-3

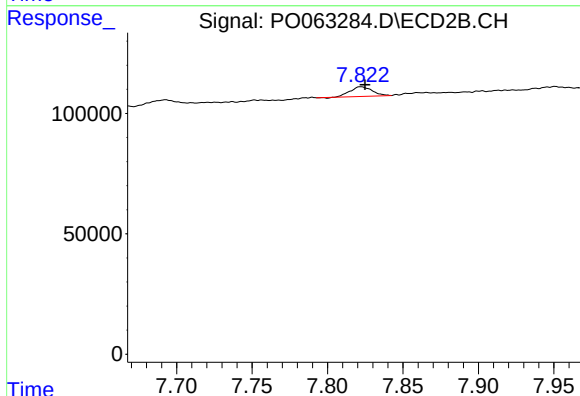
R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 22076
Conc: 3.95 ng/ml



#44 AR-1268-4

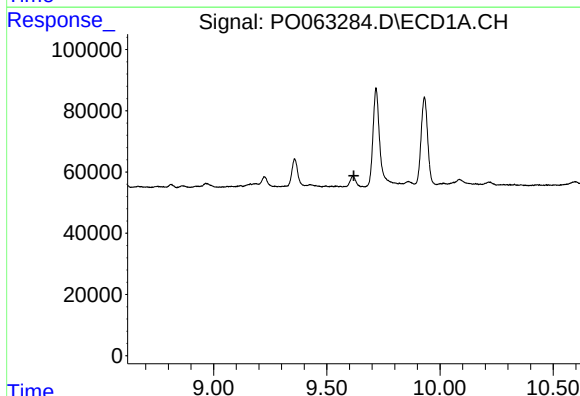
R.T.: 0.000 min
Exp R.T.: 9.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



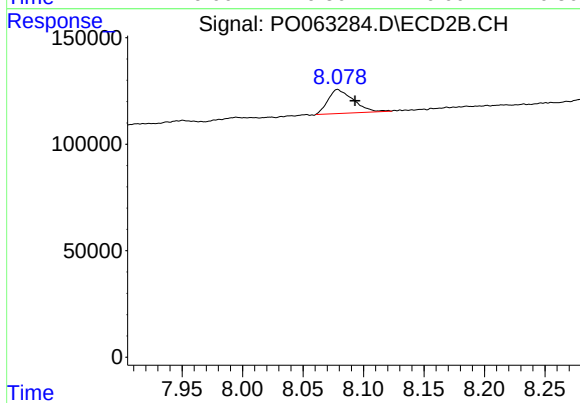
#44 AR-1268-4

R.T.: 7.822 min
Delta R.T.: -0.003 min
Response: 40174
Conc: 18.61 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 8.079 min
Delta R.T.: -0.014 min
Response: 163740
Conc: 10.94 ng/ml