

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103019\
 Data File : PO063295.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2019 14:28
 Operator : HP/AJ
 Sample : K5573-06RE 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:53:02 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...	4.317	3.481	360313	352346	6.182	6.452
2)	SA Decachlor...	9.931	8.320	359308	233556	6.175	5.463
Target Compounds							
3)	L1 AR-1016-1	0.000	4.524	0	67582	N.D.	36.073 #
4)	L1 AR-1016-2	0.000	4.538	0	40014	N.D.	14.670 #
5)	L1 AR-1016-3	0.000	4.750	0	332345	N.D.	239.463 #
6)	L1 AR-1016-4	0.000	4.750	0	332345	N.D.	297.568 #
7)	L1 AR-1016-5	5.947	4.955	214513	244439	140.813	162.254
8)	L2 AR-1221-1	0.000	3.621	0	43331	N.D.	83.802 #
10)	L2 AR-1221-3	4.720	3.886	44184	140145	31.979	113.974 #
11)	L3 AR-1232-1	4.720	3.886	44184	140145	23.155	82.111 #
12)	L3 AR-1232-2	5.219	4.538	72941	40014	73.684	20.342 #
13)	L3 AR-1232-3	0.000	4.750	0	332345	N.D.	343.531 #
14)	L3 AR-1232-4	0.000	4.789	0	138387	N.D.	166.673 #
15)	L3 AR-1232-5	5.743	4.955	780385	244439	973.213	261.164 #
16)	L4 AR-1242-1	0.000	4.524	0	67582	N.D.	48.906 #
17)	L4 AR-1242-2	0.000	4.538	0	40014	N.D.	19.503 #
18)	L4 AR-1242-3	0.000	4.750	0	332345	N.D.	317.126 #
19)	L4 AR-1242-4	0.000	4.789	0	138387	N.D.	139.416 #
20)	L4 AR-1242-5	6.388	5.295	254348	936728	176.717	670.515 #
21)	L5 AR-1248-1	0.000	4.524	0	67582	N.D.	61.832 #
22)	L5 AR-1248-2	5.743	4.750	780385	332345	450.508	237.660 #
23)	L5 AR-1248-3	5.947	4.789	214513	138387	110.655	95.690
24)	L5 AR-1248-4	6.348	4.955	390528	244439	156.904	135.746
25)	L5 AR-1248-5	6.388	5.321	254348	336489	108.950	182.028 #
26)	L6 AR-1254-1	6.322	5.295	1003143	936728	394.563	310.969
27)	L6 AR-1254-2	6.538	5.440	985384	758281	243.604	281.157
28)	L6 AR-1254-3	6.904	5.831	814444	929289	191.345	216.455
29)	L6 AR-1254-4	7.187	6.056	458215	482901	135.375	169.460 #
30)	L6 AR-1254-5	7.604	6.463	219604	405729	66.206	108.843 #
31)	L7 AR-1260-1	7.063	5.959	316821	482470	102.162	174.691 #
32)	L7 AR-1260-2	7.319	6.143	214763	287915	53.199	75.039 #
33)	L7 AR-1260-3	0.000	6.290	0	332464	N.D.	105.960 #
34)	L7 AR-1260-4	0.000	6.754	0	70802	N.D.	27.964 #
35)	L7 AR-1260-5	0.000	6.995	0	68765	N.D.	11.281 #
36)	L8 AR-1262-1	0.000	6.535	0	255136	N.D.	140.218 #
37)	L8 AR-1262-2	0.000	6.995	0	68765	N.D.	9.648 #
38)	L8 AR-1262-3	0.000	7.243	0	40830	N.D.	15.234 #
39)	L8 AR-1262-4	0.000	7.334	0	353555	N.D.	77.096 #
41)	L9 AR-1268-1	0.000	7.243	0	40830	N.D.	5.124 #
42)	L9 AR-1268-2	0.000	7.334	0	353555	N.D.	53.695 #
43)	L9 AR-1268-3	8.749	0.000	85481	0	13.596	N.D. #

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

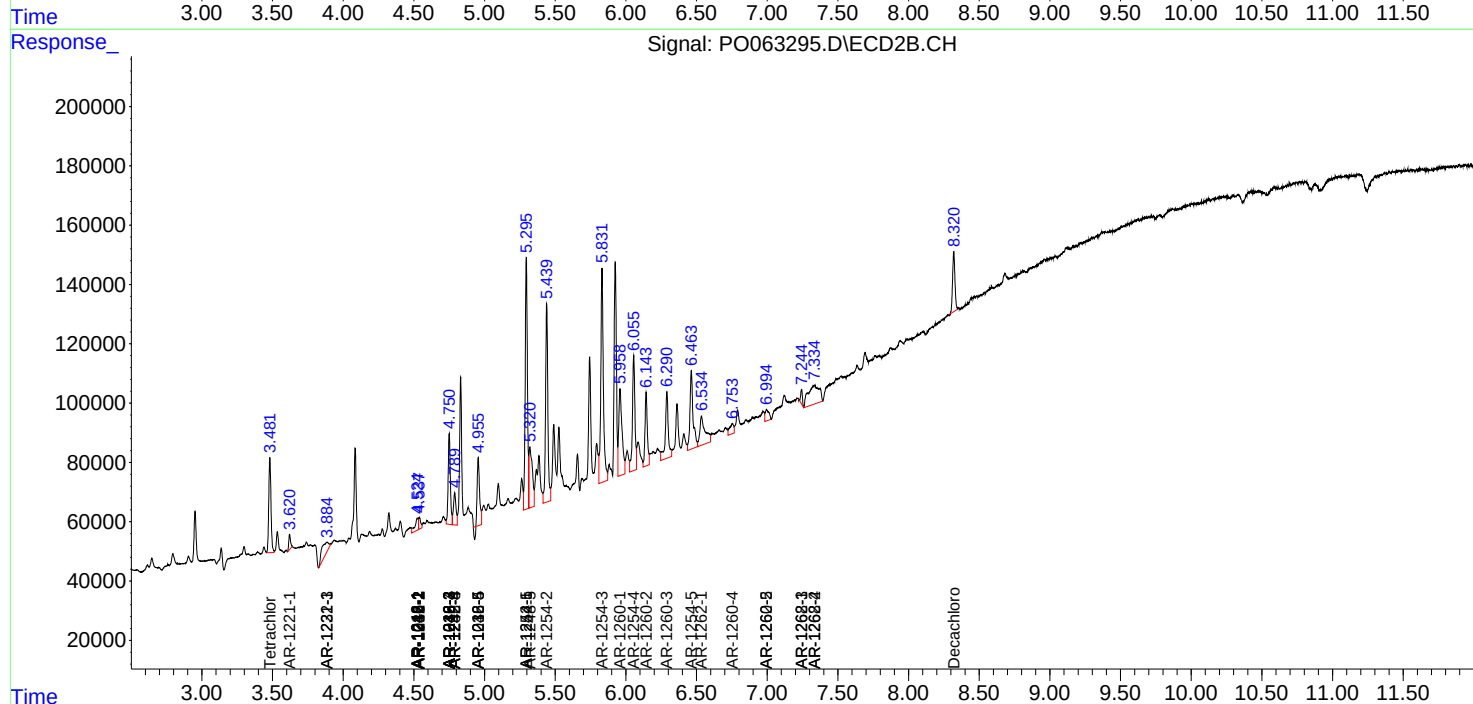
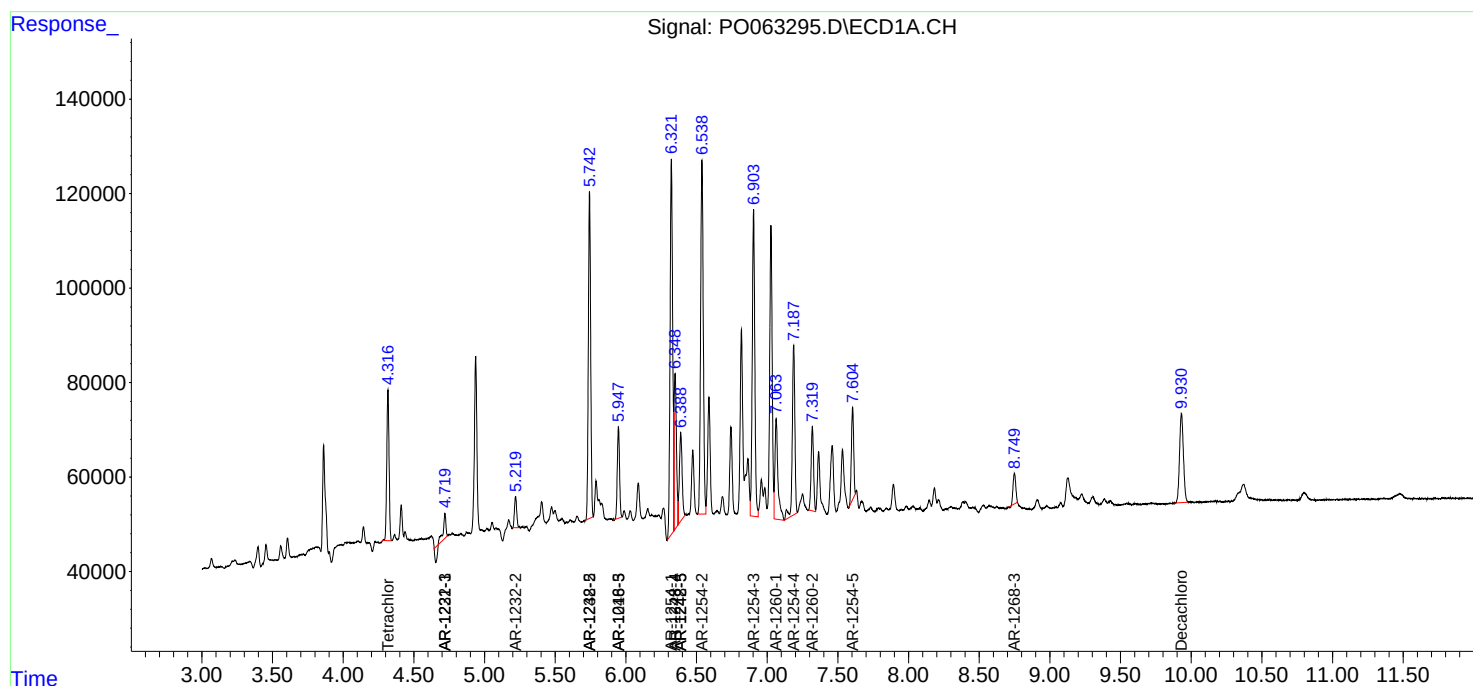
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

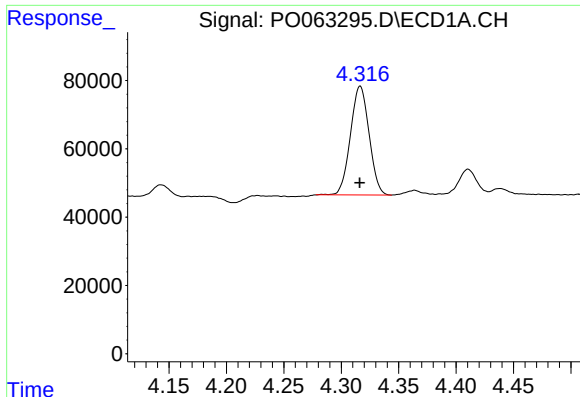
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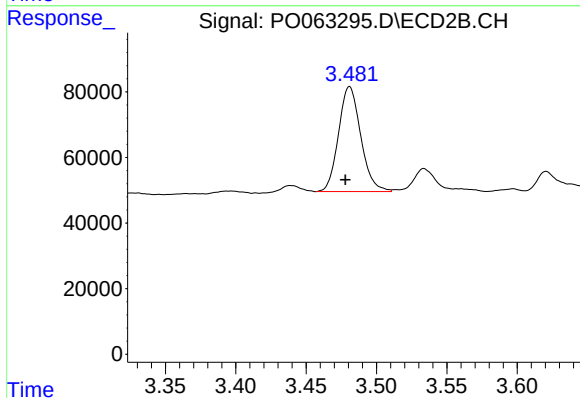




#1 Tetrachloro-m-xylene

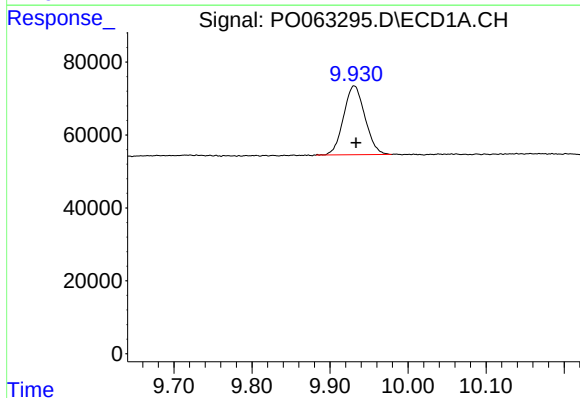
R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 360313
Conc: 6.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



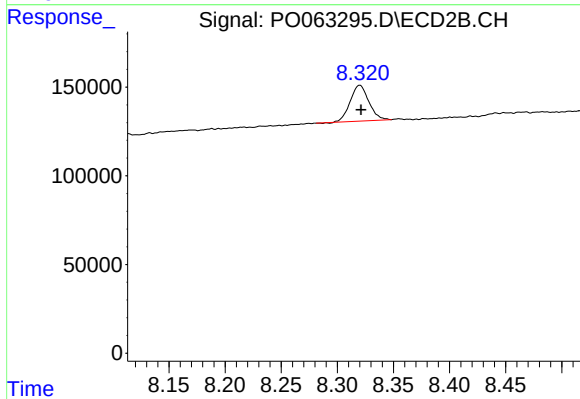
#1 Tetrachloro-m-xylene

R.T.: 3.481 min
Delta R.T.: 0.003 min
Response: 352346
Conc: 6.45 ng/ml



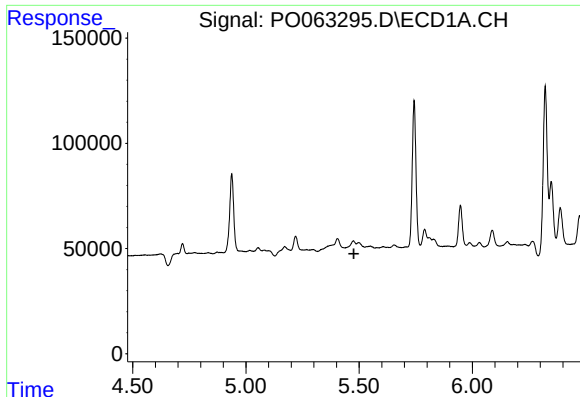
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.002 min
Response: 359308
Conc: 6.18 ng/ml



#2 Decachlorobiphenyl

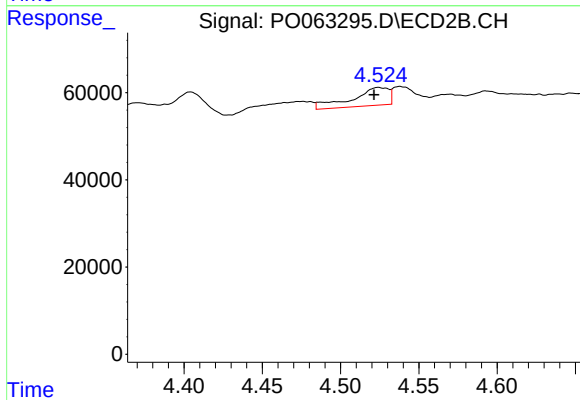
R.T.: 8.320 min
Delta R.T.: -0.001 min
Response: 233556
Conc: 5.46 ng/ml



#3 AR-1016-1

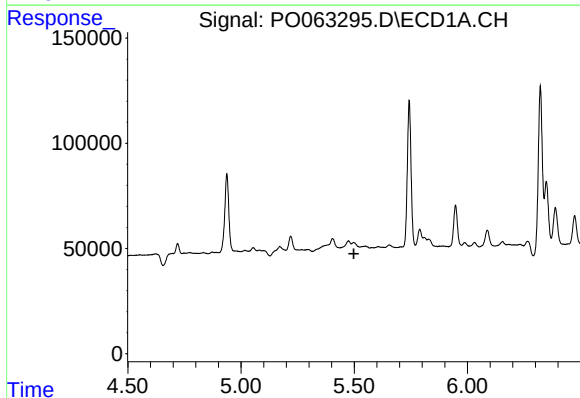
R.T.: 0.000 min
Exp R.T.: 5.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



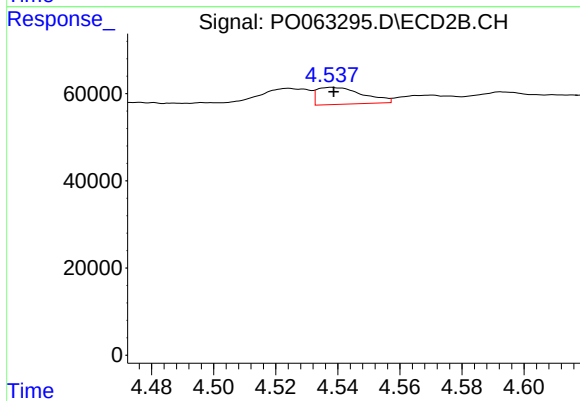
#3 AR-1016-1

R.T.: 4.524 min
Delta R.T.: 0.003 min
Response: 67582
Conc: 36.07 ng/ml



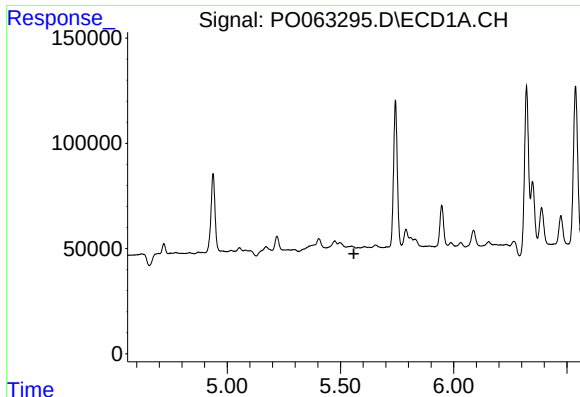
#4 AR-1016-2

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



#4 AR-1016-2

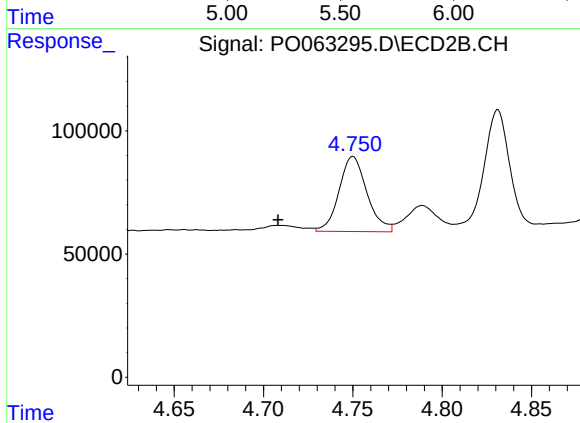
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 40014
Conc: 14.67 ng/ml



#5 AR-1016-3

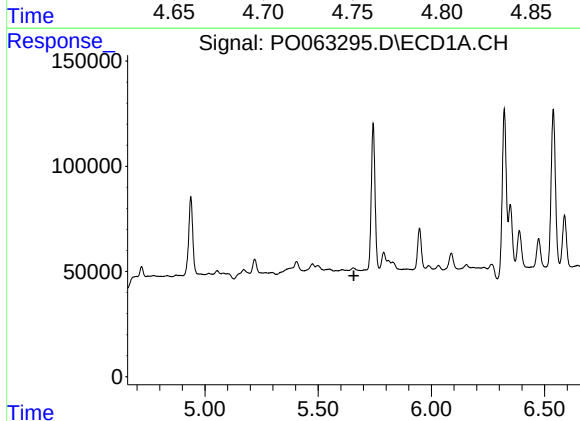
R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



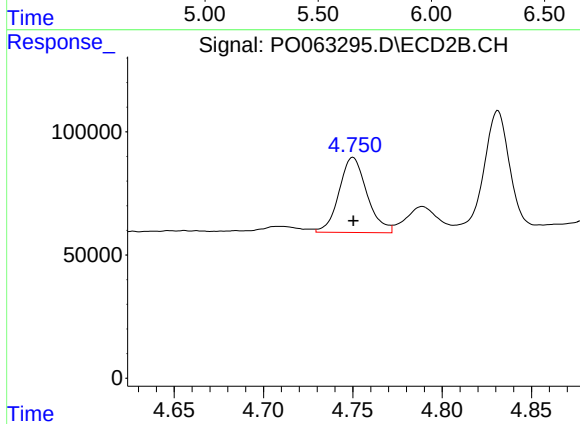
#5 AR-1016-3

R.T.: 4.750 min
Delta R.T.: 0.042 min
Response: 332345
Conc: 239.46 ng/ml



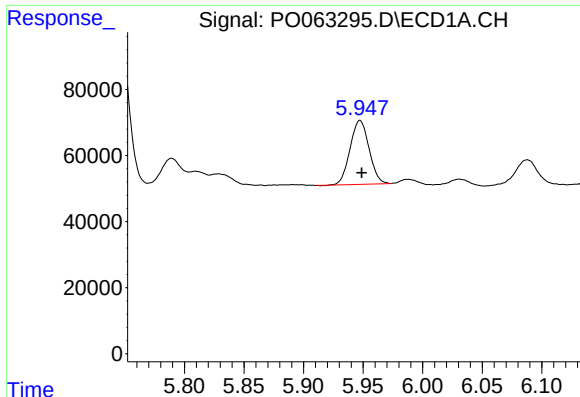
#6 AR-1016-4

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



#6 AR-1016-4

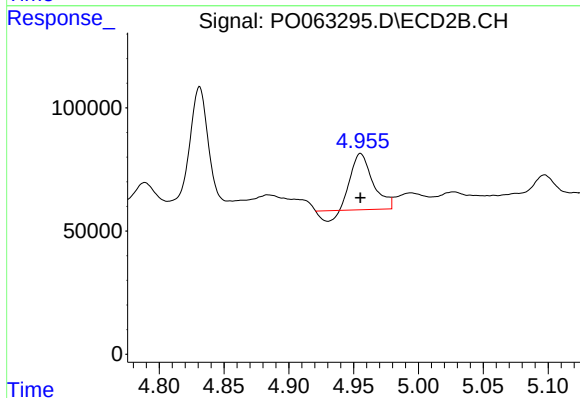
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 332345
Conc: 297.57 ng/ml



#7 AR-1016-5

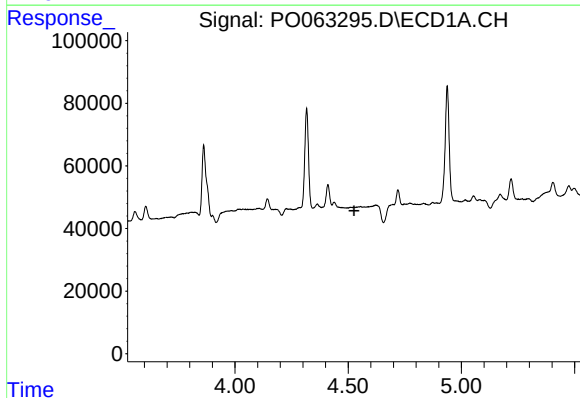
R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 214513
Conc: 140.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



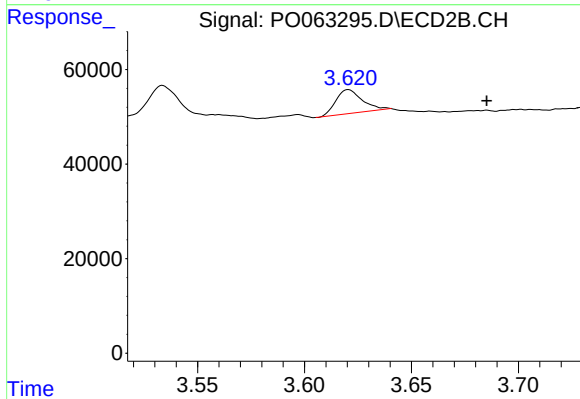
#7 AR-1016-5

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 244439
Conc: 162.25 ng/ml



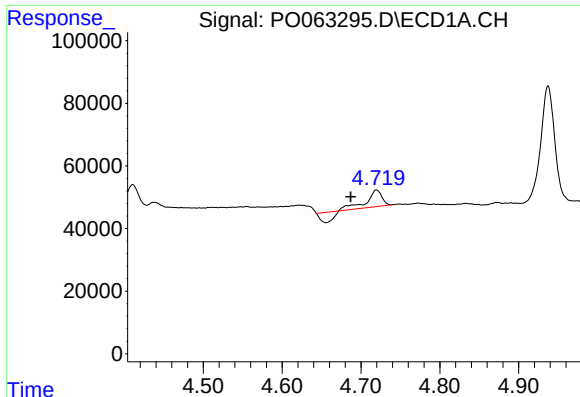
#8 AR-1221-1

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



#8 AR-1221-1

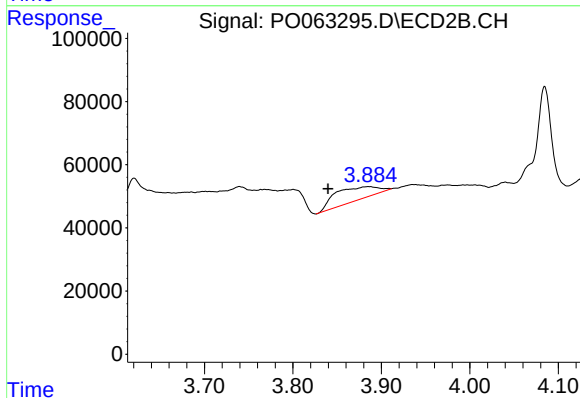
R.T.: 3.621 min
Delta R.T.: -0.065 min
Response: 43331
Conc: 83.80 ng/ml



#10 AR-1221-3

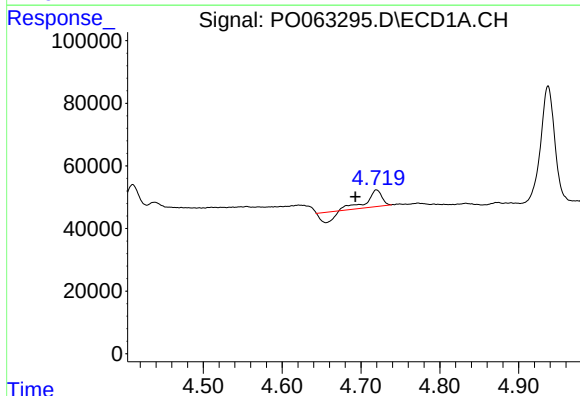
R.T.: 4.720 min
Delta R.T.: 0.033 min
Response: 44184
Conc: 31.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



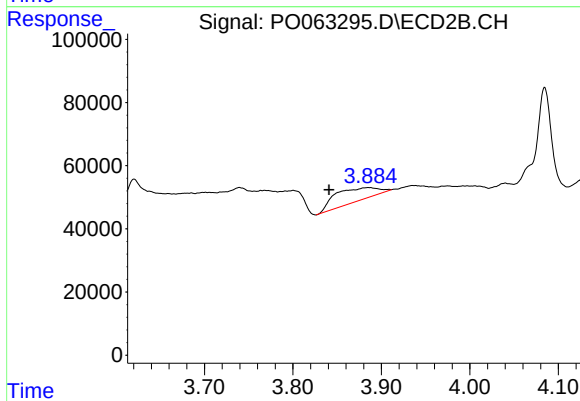
#10 AR-1221-3

R.T.: 3.886 min
Delta R.T.: 0.046 min
Response: 140145
Conc: 113.97 ng/ml



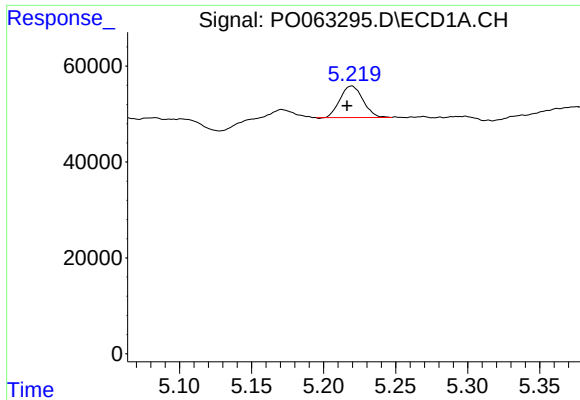
#11 AR-1232-1

R.T.: 4.720 min
Delta R.T.: 0.027 min
Response: 44184
Conc: 23.16 ng/ml



#11 AR-1232-1

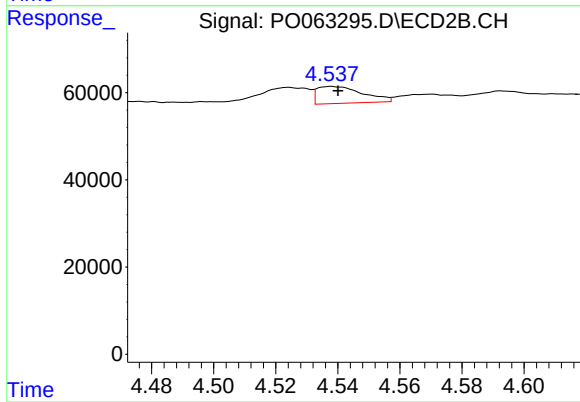
R.T.: 3.886 min
Delta R.T.: 0.045 min
Response: 140145
Conc: 82.11 ng/ml



#12 AR-1232-2

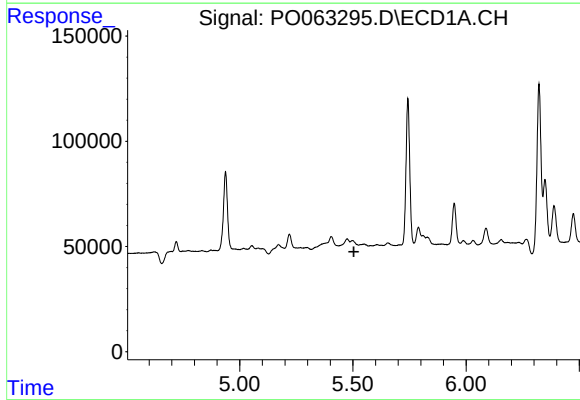
R.T.: 5.219 min
Delta R.T.: 0.003 min
Response: 72941
Conc: 73.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



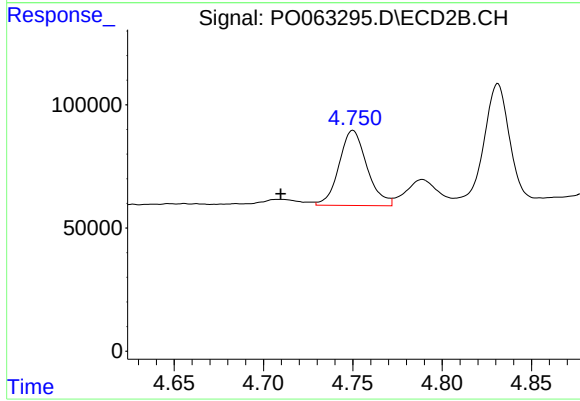
#12 AR-1232-2

R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 40014
Conc: 20.34 ng/ml



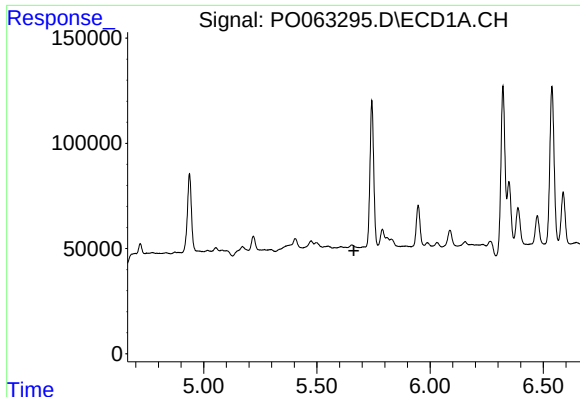
#13 AR-1232-3

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



#13 AR-1232-3

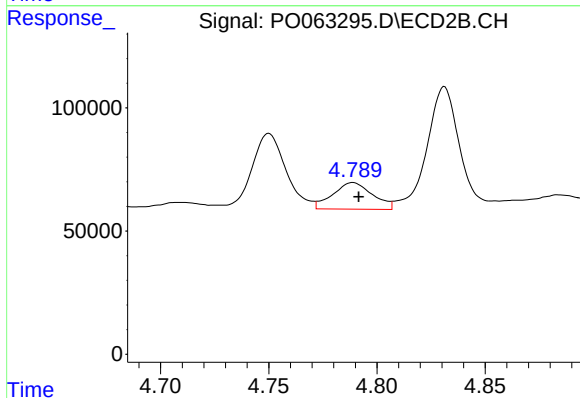
R.T.: 4.750 min
Delta R.T.: 0.040 min
Response: 332345
Conc: 343.53 ng/ml



#14 AR-1232-4

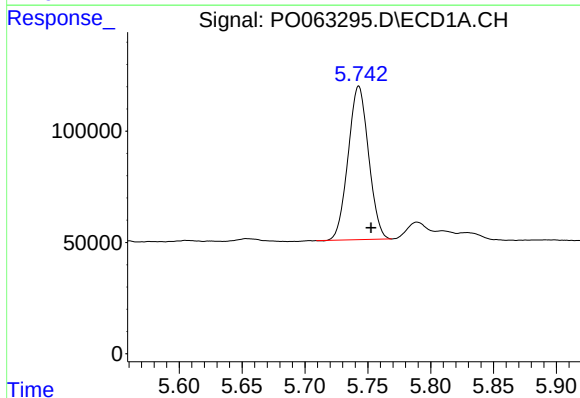
R.T.: 0.000 min
Exp R.T.: 5.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



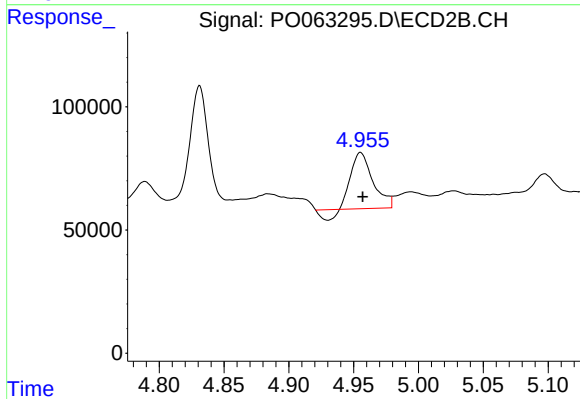
#14 AR-1232-4

R.T.: 4.789 min
Delta R.T.: -0.003 min
Response: 138387
Conc: 166.67 ng/ml



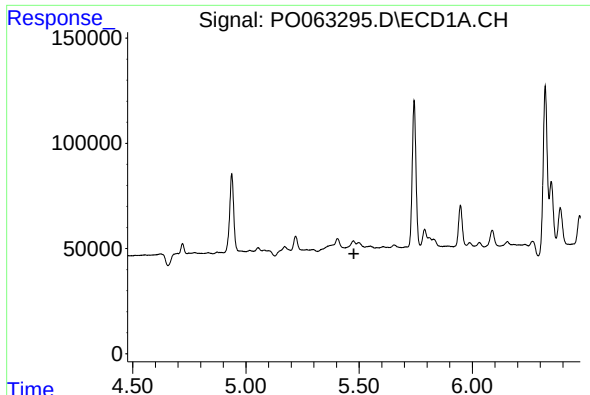
#15 AR-1232-5

R.T.: 5.743 min
Delta R.T.: -0.010 min
Response: 780385
Conc: 973.21 ng/ml



#15 AR-1232-5

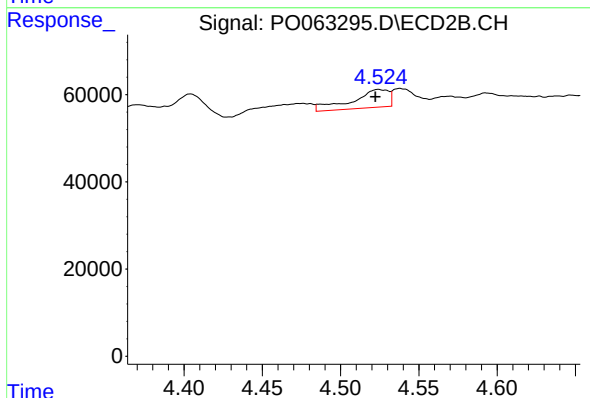
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 244439
Conc: 261.16 ng/ml



#16 AR-1242-1

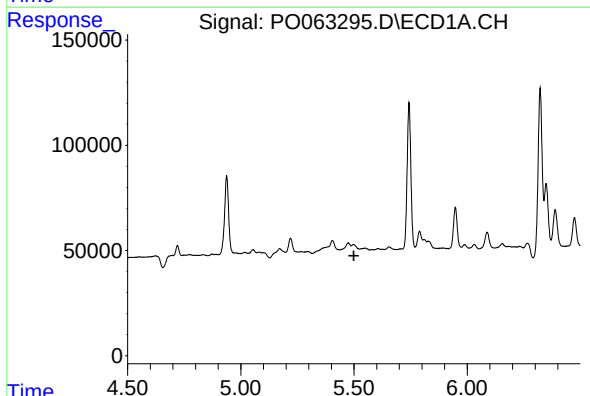
R.T.: 0.000 min
Exp R.T.: 5.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



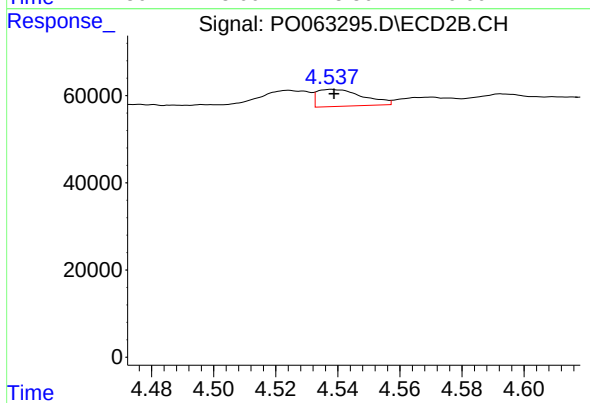
#16 AR-1242-1

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 67582
Conc: 48.91 ng/ml



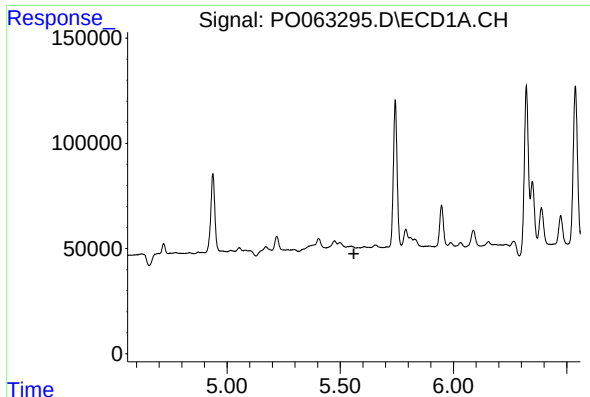
#17 AR-1242-2

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



#17 AR-1242-2

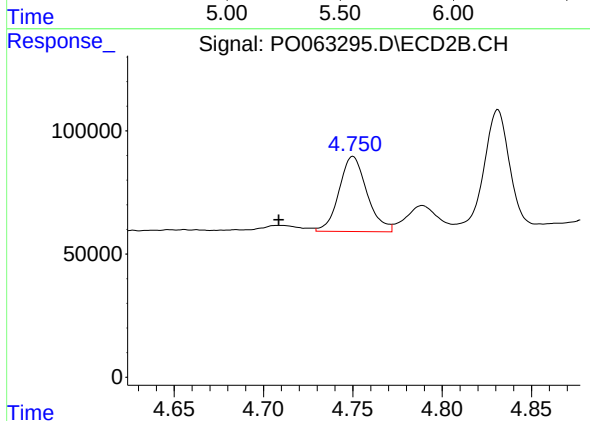
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 40014
Conc: 19.50 ng/ml



#18 AR-1242-3

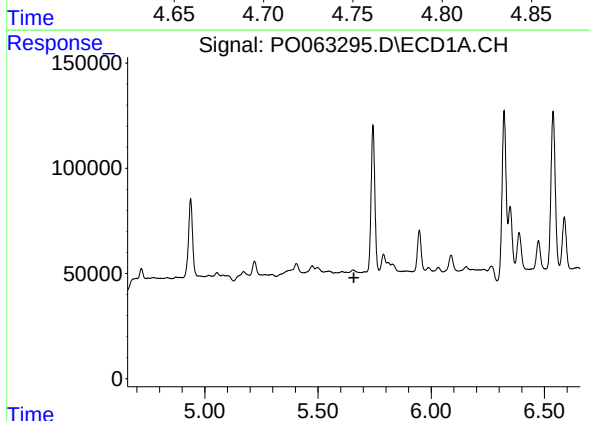
R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



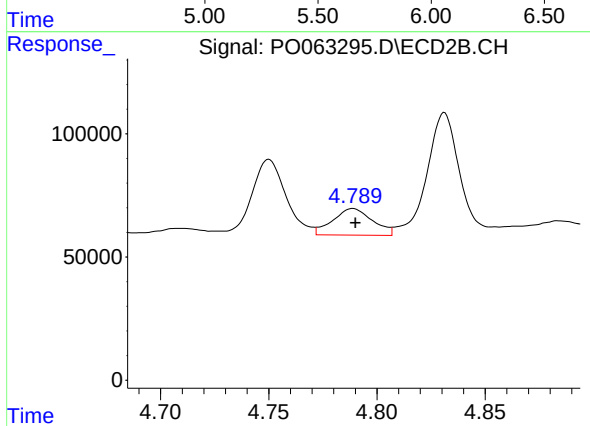
#18 AR-1242-3

R.T.: 4.750 min
Delta R.T.: 0.042 min
Response: 332345
Conc: 317.13 ng/ml



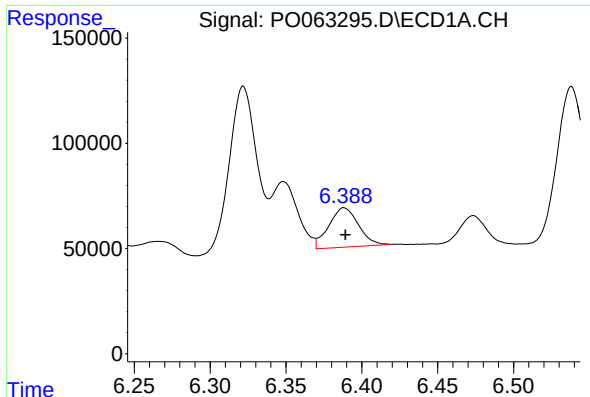
#19 AR-1242-4

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



#19 AR-1242-4

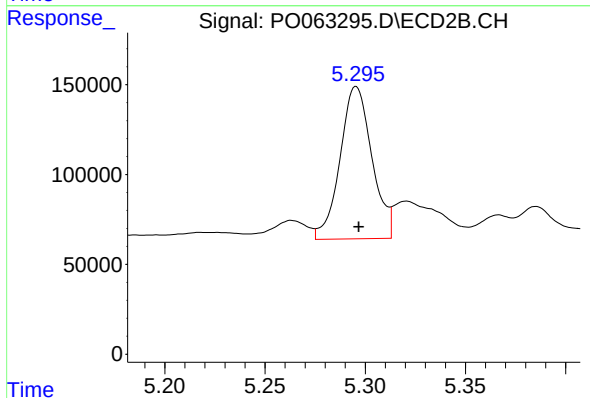
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 138387
Conc: 139.42 ng/ml



#20 AR-1242-5

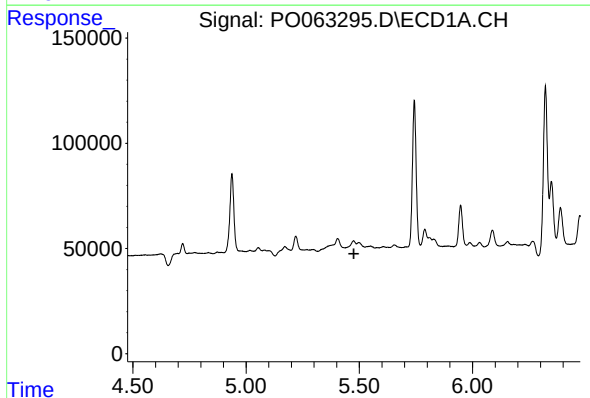
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 254348
Conc: 176.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



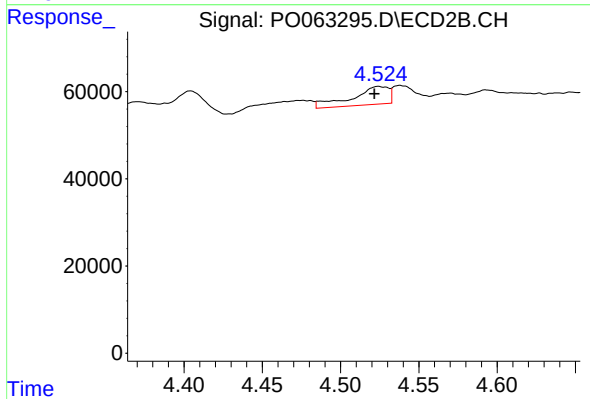
#20 AR-1242-5

R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 936728
Conc: 670.51 ng/ml



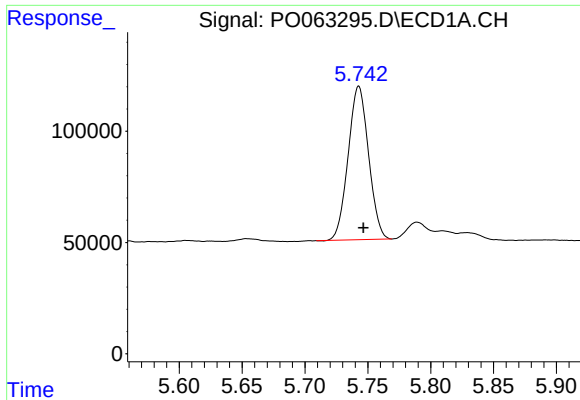
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

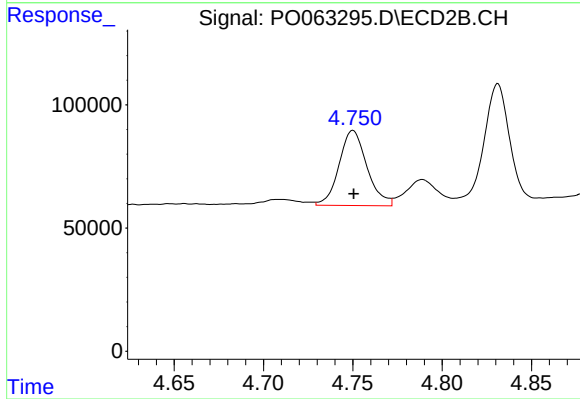
R.T.: 4.524 min
Delta R.T.: 0.003 min
Response: 67582
Conc: 61.83 ng/ml



#22 AR-1248-2

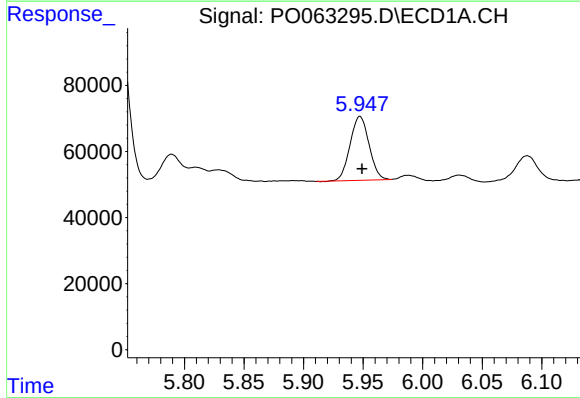
R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 780385
Conc: 450.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



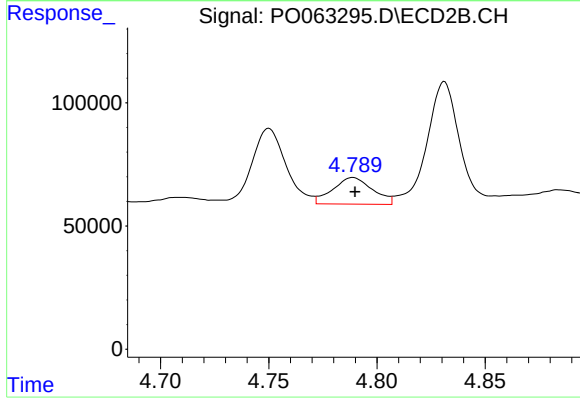
#22 AR-1248-2

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 332345
Conc: 237.66 ng/ml



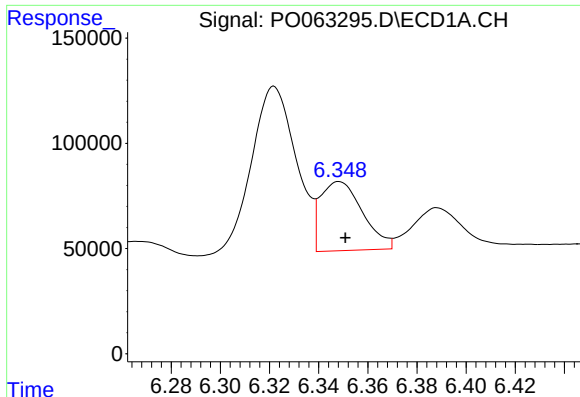
#23 AR-1248-3

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 214513
Conc: 110.66 ng/ml



#23 AR-1248-3

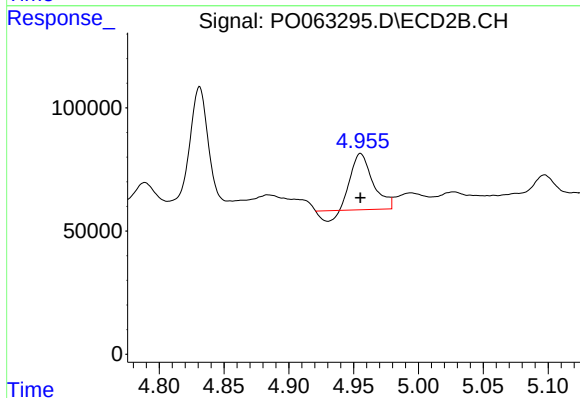
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 138387
Conc: 95.69 ng/ml



#24 AR-1248-4

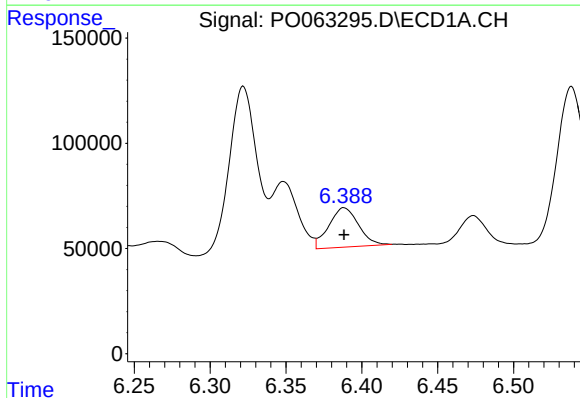
R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 390528
Conc: 156.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



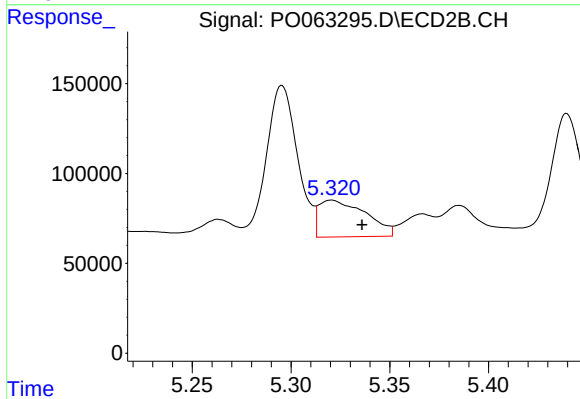
#24 AR-1248-4

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 244439
Conc: 135.75 ng/ml



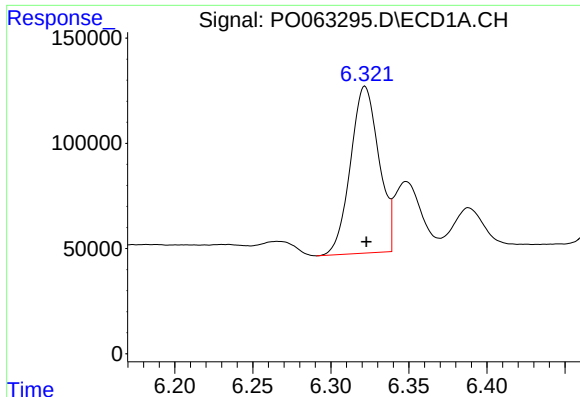
#25 AR-1248-5

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 254348
Conc: 108.95 ng/ml



#25 AR-1248-5

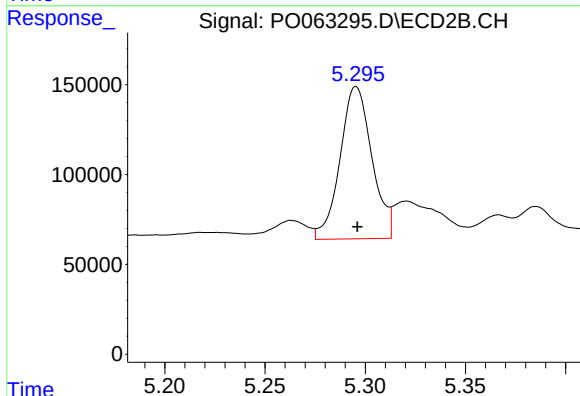
R.T.: 5.321 min
Delta R.T.: -0.015 min
Response: 336489
Conc: 182.03 ng/ml



#26 AR-1254-1

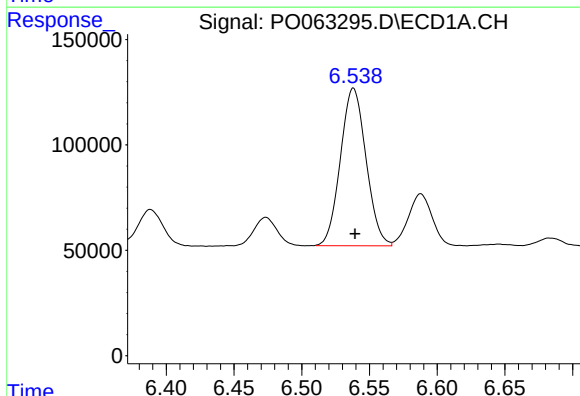
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 1003143
Conc: 394.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



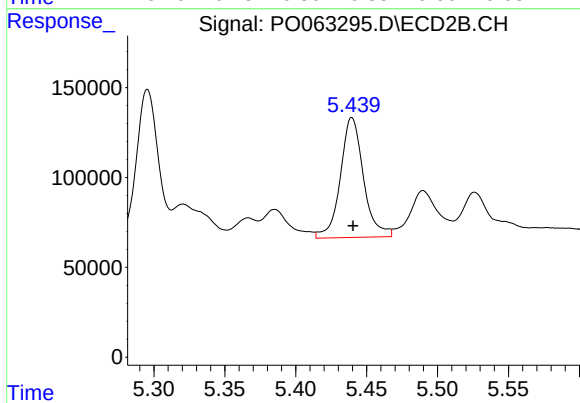
#26 AR-1254-1

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 936728
Conc: 310.97 ng/ml



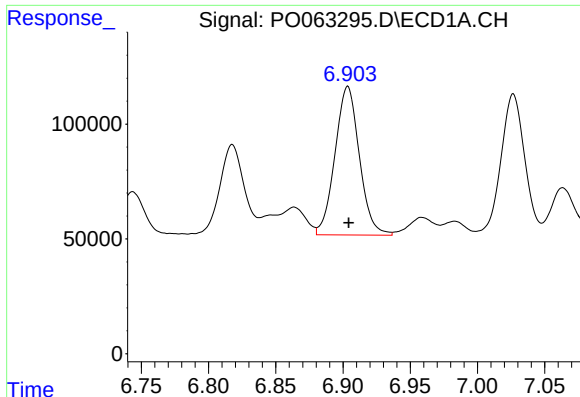
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 985384
Conc: 243.60 ng/ml



#27 AR-1254-2

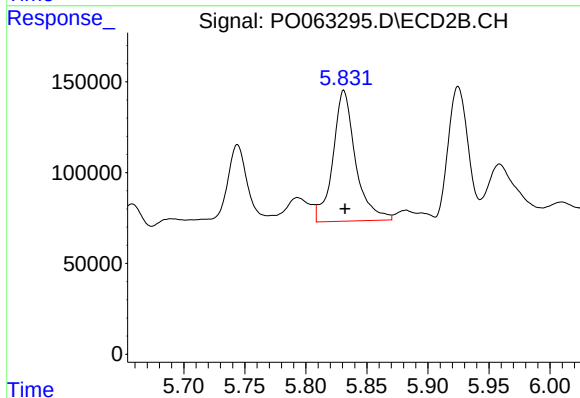
R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 758281
Conc: 281.16 ng/ml



#28 AR-1254-3

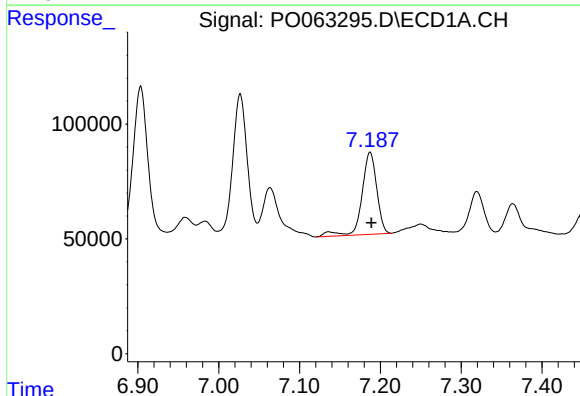
R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 814444
Conc: 191.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



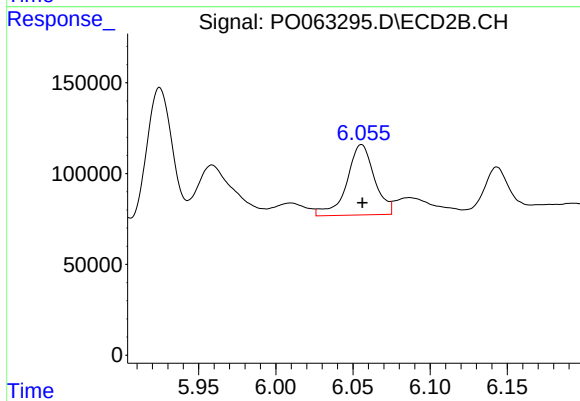
#28 AR-1254-3

R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 929289
Conc: 216.46 ng/ml



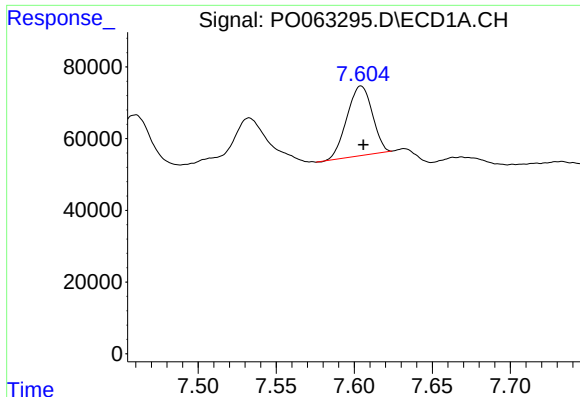
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 458215
Conc: 135.37 ng/ml



#29 AR-1254-4

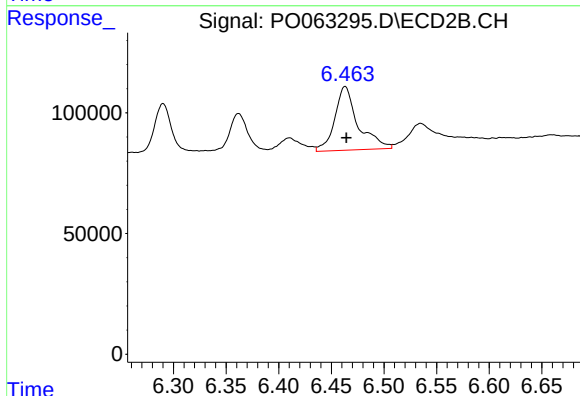
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 482901
Conc: 169.46 ng/ml



#30 AR-1254-5

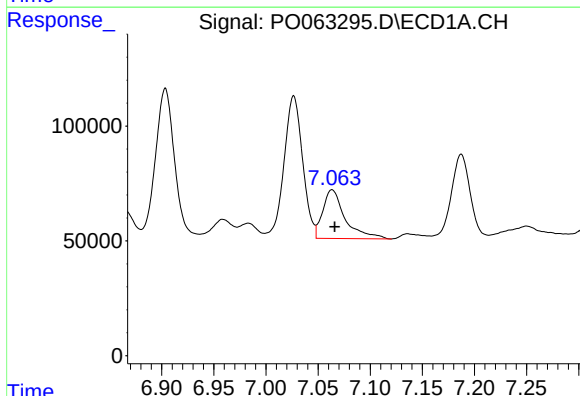
R.T.: 7.604 min
Delta R.T.: -0.001 min
Response: 219604
Conc: 66.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



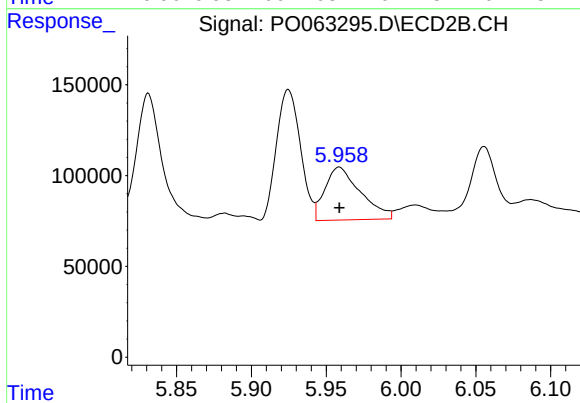
#30 AR-1254-5

R.T.: 6.463 min
Delta R.T.: -0.001 min
Response: 405729
Conc: 108.84 ng/ml



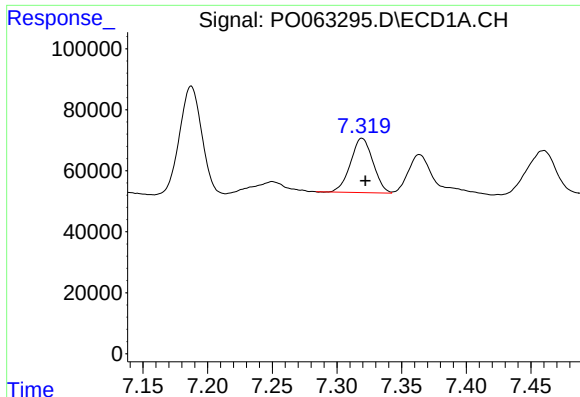
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 316821
Conc: 102.16 ng/ml



#31 AR-1260-1

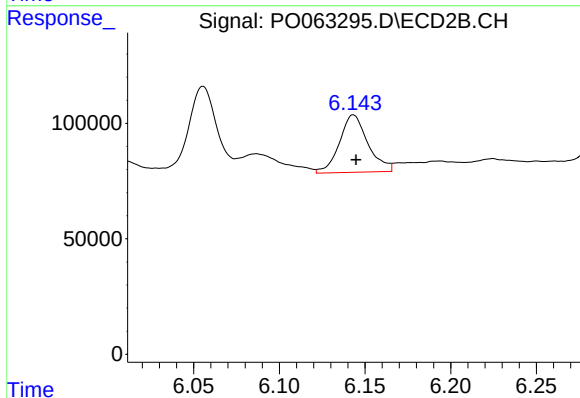
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 482470
Conc: 174.69 ng/ml



#32 AR-1260-2

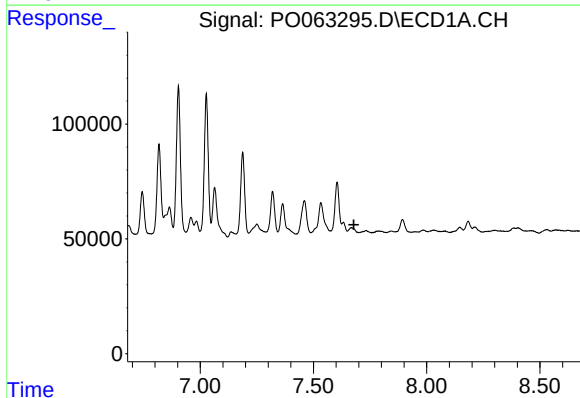
R.T.: 7.319 min
Delta R.T.: -0.003 min
Response: 214763
Conc: 53.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



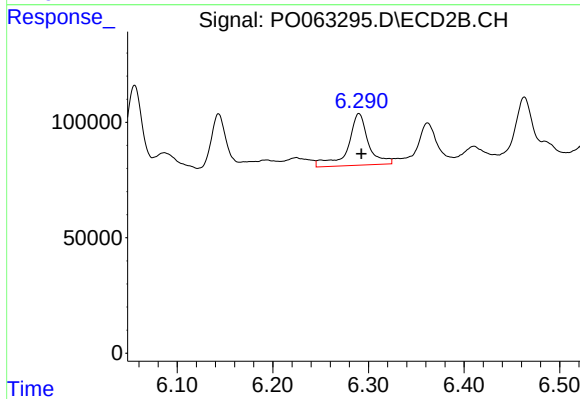
#32 AR-1260-2

R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 287915
Conc: 75.04 ng/ml



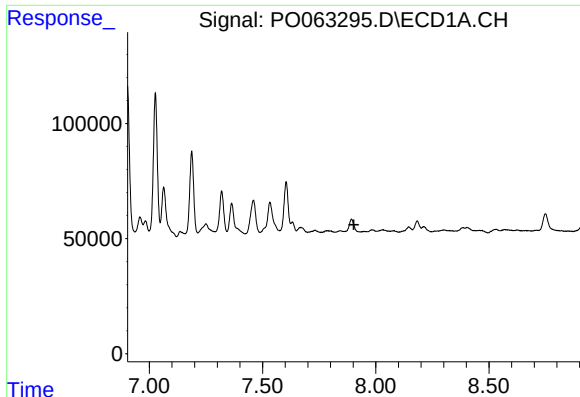
#33 AR-1260-3

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



#33 AR-1260-3

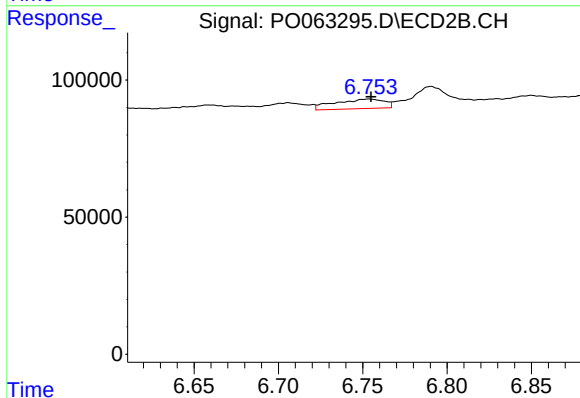
R.T.: 6.290 min
Delta R.T.: -0.003 min
Response: 332464
Conc: 105.96 ng/ml



#34 AR-1260-4

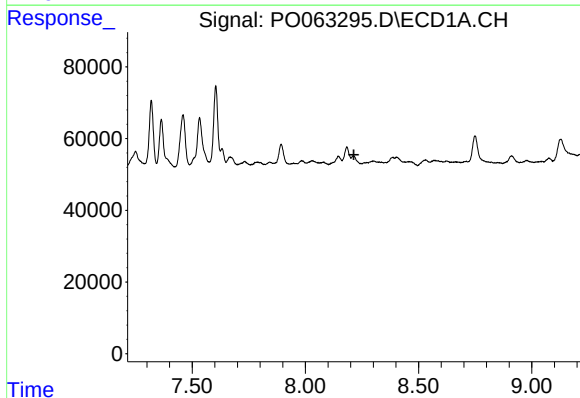
R.T.: 0.000 min
Exp R.T.: 7.904 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



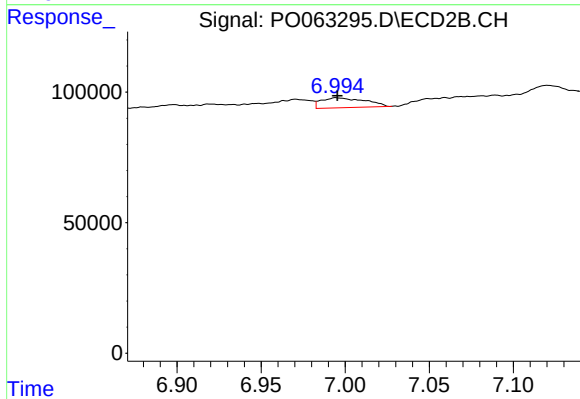
#34 AR-1260-4

R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 70802
Conc: 27.96 ng/ml



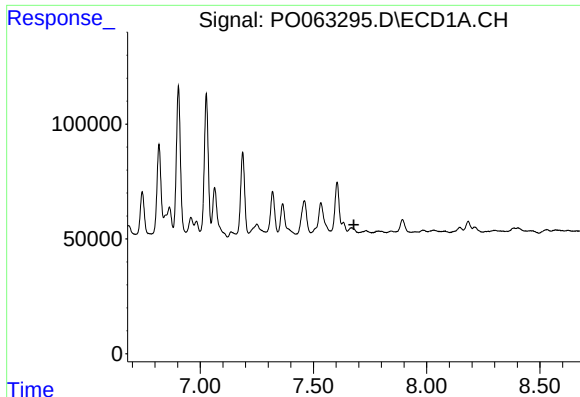
#35 AR-1260-5

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



#35 AR-1260-5

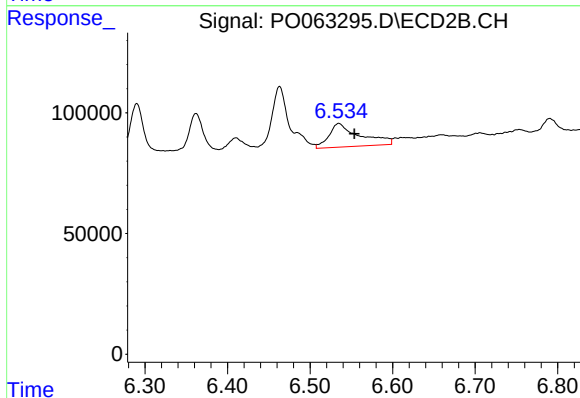
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 68765
Conc: 11.28 ng/ml



#36 AR-1262-1

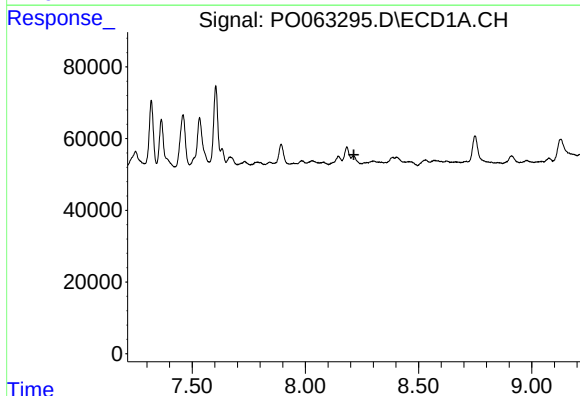
R.T.: 0.000 min
Exp R.T. : 7.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



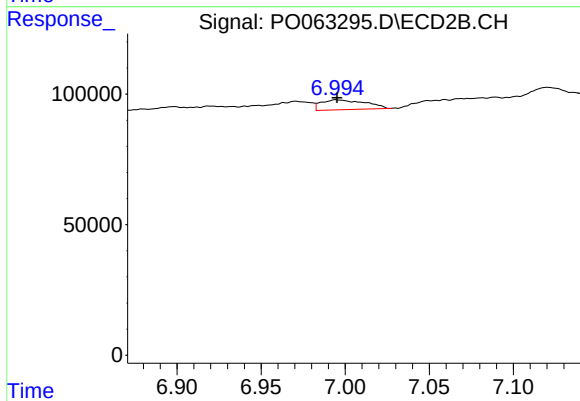
#36 AR-1262-1

R.T.: 6.535 min
Delta R.T.: -0.019 min
Response: 255136
Conc: 140.22 ng/ml



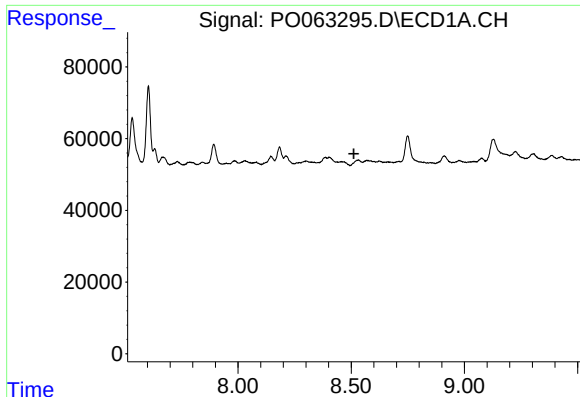
#37 AR-1262-2

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



#37 AR-1262-2

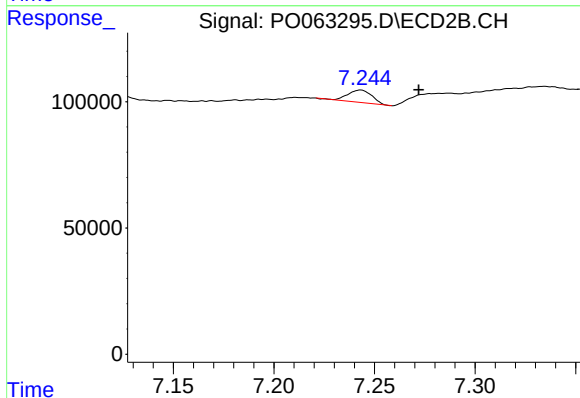
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 68765
Conc: 9.65 ng/ml



#38 AR-1262-3

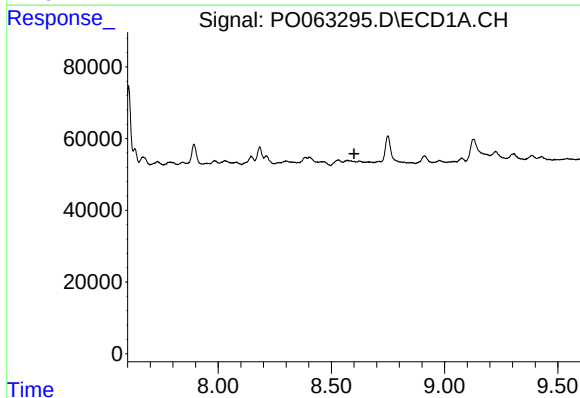
R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



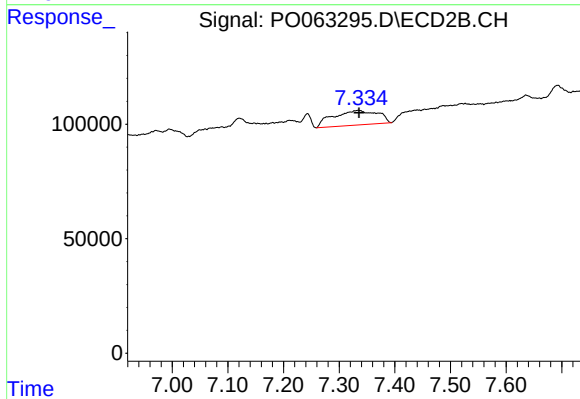
#38 AR-1262-3

R.T.: 7.243 min
Delta R.T.: -0.029 min
Response: 40830
Conc: 15.23 ng/ml



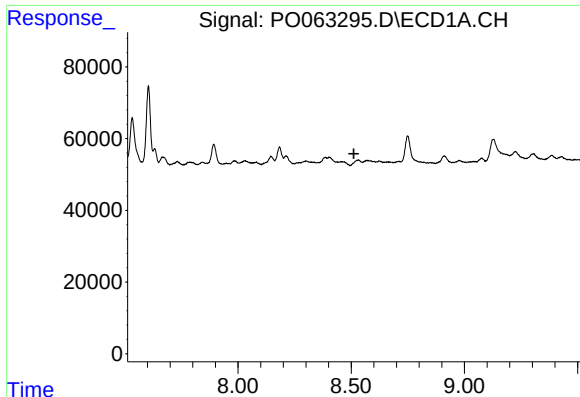
#39 AR-1262-4

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



#39 AR-1262-4

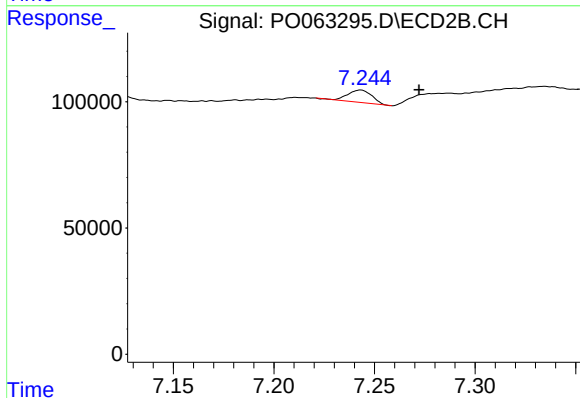
R.T.: 7.334 min
Delta R.T.: -0.001 min
Response: 353555
Conc: 77.10 ng/ml



#41 AR-1268-1

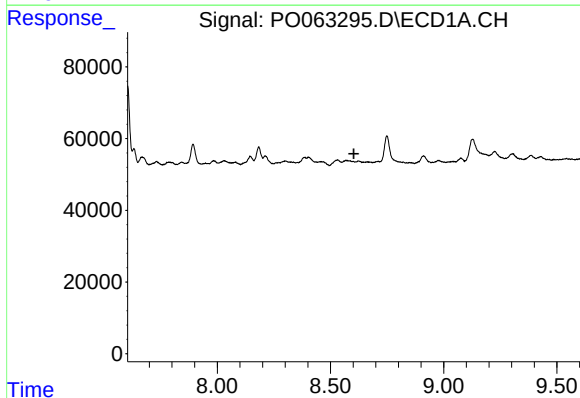
R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



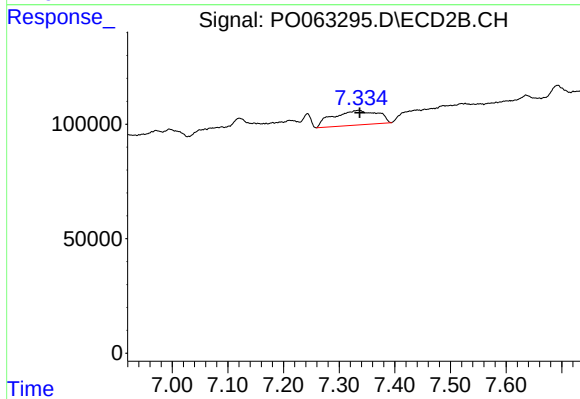
#41 AR-1268-1

R.T.: 7.243 min
Delta R.T.: -0.029 min
Response: 40830
Conc: 5.12 ng/ml



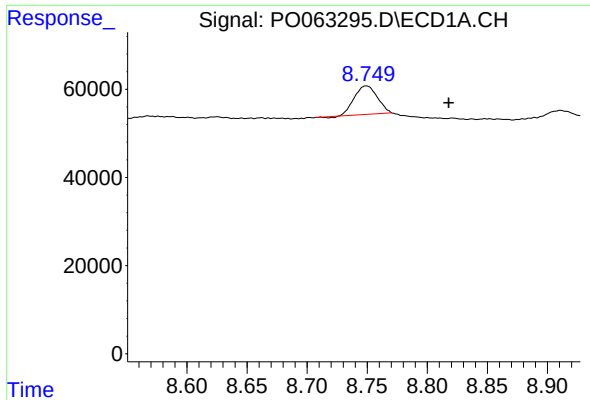
#42 AR-1268-2

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



#42 AR-1268-2

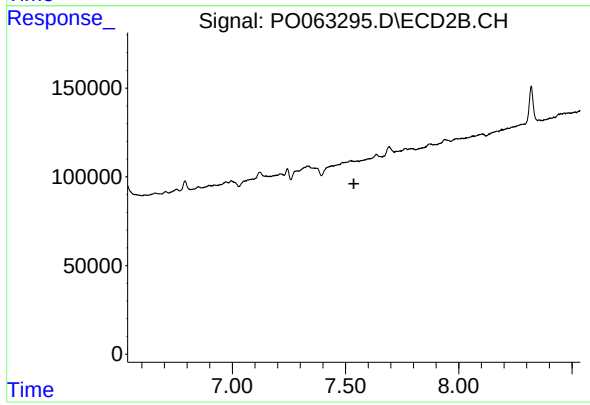
R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 353555
Conc: 53.70 ng/ml



#43 AR-1268-3

R.T.: 8.749 min
Delta R.T.: -0.068 min
Response: 85481
Conc: 13.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.537 min
Response: 0
Conc: N.D.