

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103019\
 Data File : PO063314.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2019 19:46
 Operator : HP/AJ
 Sample : K5601-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SOIL-CUTTINGS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:57:58 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...	4.315	3.480	1117746	1006330	19.178	18.426
2)	SA Decachlor...	9.931	8.321	827295	578610	14.218	13.534
Target Compounds							
3)	L1 AR-1016-1	5.474	4.521	446356	353984	204.172	188.943
4)	L1 AR-1016-2	5.496	4.538	662423	620090	211.448	227.345
5)	L1 AR-1016-3	5.557	4.707	397714	276604	212.287	199.300
6)	L1 AR-1016-4	5.656	4.749	322719	218032	204.371	195.217
7)	L1 AR-1016-5	5.947	4.954	310634	275795	203.910	183.067
8)	L2 AR-1221-1	0.000	3.684	0	36309	N.D.	70.220 #
9)	L2 AR-1221-2	0.000	3.767	0	54430	N.D.	140.978 #
10)	L2 AR-1221-3	4.685	3.840	248248	203128	179.676	165.196
11)	L3 AR-1232-1	4.685	3.840	248248	203128	130.099	119.013
12)	L3 AR-1232-2	5.208	4.538	323821	620090	327.121	315.237
13)	L3 AR-1232-3	5.496	4.707	662423	276604	292.525	285.913
14)	L3 AR-1232-4	5.656	4.789	322719	264445	292.205	318.498
15)	L3 AR-1232-5	5.744	4.954	281811	275795	351.445	294.666
16)	L4 AR-1242-1	5.474	4.521	446356	353984	278.277	256.164
17)	L4 AR-1242-2	5.496	4.538	662423	620090	287.309	302.236
18)	L4 AR-1242-3	5.557	4.707	397714	276604	286.244	263.938
19)	L4 AR-1242-4	5.656	4.789	322719	264445	276.217	266.411
20)	L4 AR-1242-5	6.320	5.294	173746	210835	120.716	150.917 #
21)	L5 AR-1248-1	5.474	4.521	446356	353984	362.027	323.866
22)	L5 AR-1248-2	5.744	4.749	281811	218032	162.687	155.915
23)	L5 AR-1248-3	5.947	4.789	310634	264445	160.239	182.855
24)	L5 AR-1248-4	6.320	4.954	173746	275795	69.807	153.159 #
25)	L5 AR-1248-5	6.320	5.336	173746	27163	74.424	14.694 #
26)	L6 AR-1254-1	6.320	5.294	173746	210835	68.339	69.992
27)	L6 AR-1254-2	6.537	5.439	248099	204207	61.335	75.716
28)	L6 AR-1254-3	6.903	5.845	121370	361073	28.515	84.103 #
29)	L6 AR-1254-4	7.250	6.055	101697	32803	30.045	11.511 #
30)	L6 AR-1254-5	7.603	6.462	700326	644336	211.132	172.853
31)	L7 AR-1260-1	7.064	5.957	526363	489887	169.731	177.376
32)	L7 AR-1260-2	7.320	6.142	652011	685895	161.511	178.764
33)	L7 AR-1260-3	7.677	6.290	446081	574723	138.902	183.171 #
34)	L7 AR-1260-4	7.902	6.753	446039	391603	139.721	154.667
35)	L7 AR-1260-5	8.213	6.994	837006	956158	142.717	156.865
36)	L8 AR-1262-1	7.677	6.552	446081	248433	93.450	136.534 #
37)	L8 AR-1262-2	8.213	6.994	837006	956158	120.054	134.158
38)	L8 AR-1262-3	8.528	7.270	535042	187452	115.763	69.941 #
39)	L8 AR-1262-4	8.581	7.332	322929	605111	89.691	131.950 #
40)	L8 AR-1262-5	9.227	7.824	209699	162797	91.622	82.961
41)	L9 AR-1268-1	8.528	7.270	535042	187452	63.886	23.524 #

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 ALS Vial : 19 Sample Multiplier: 1

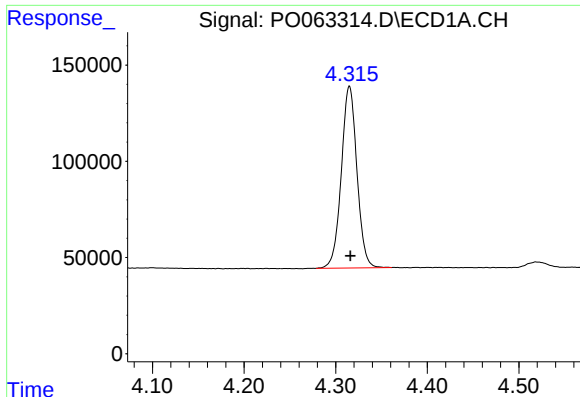
Instrument :
 ECD_O
 ClientSampleId :
 SOIL-CUTTINGS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.581	7.332	322929	605111	44.074	91.899 #
44) L9	AR-1268-4	9.227	7.824	209699	162797	85.198	75.427
45) L9	AR-1268-5	0.000	8.092	0	45577	N.D.	3.044 #

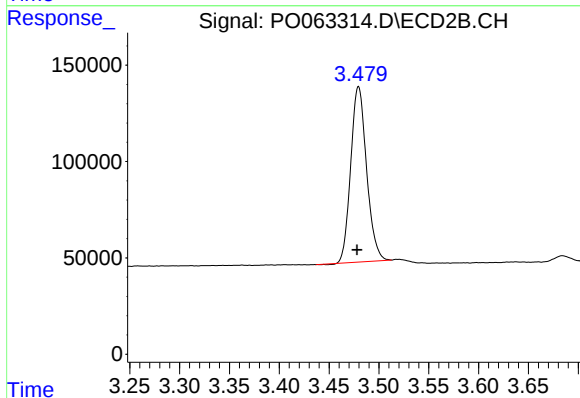
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

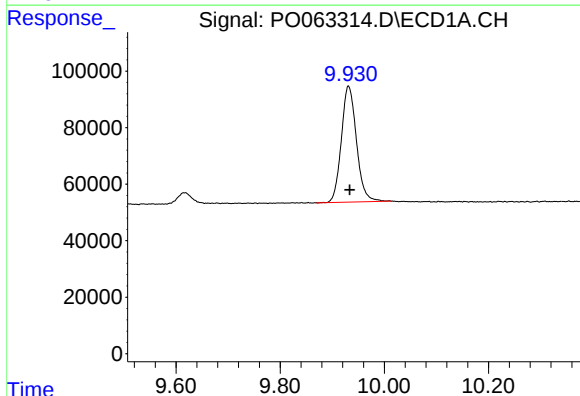
R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 1117746
Conc: 19.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



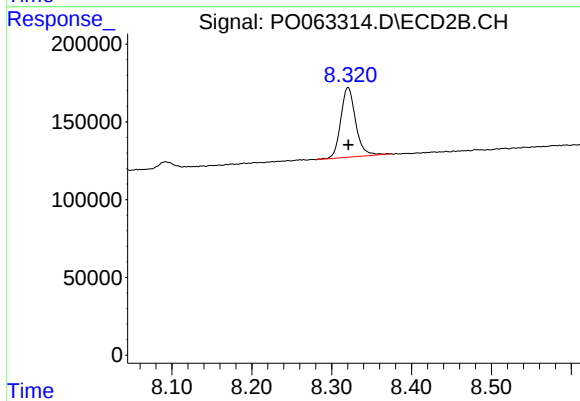
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.002 min
Response: 1006330
Conc: 18.43 ng/ml



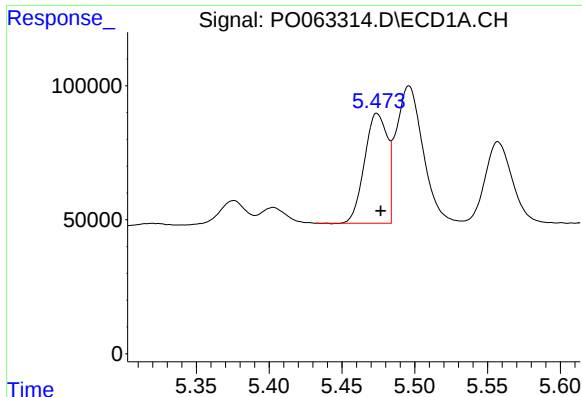
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.002 min
Response: 827295
Conc: 14.22 ng/ml



#2 Decachlorobiphenyl

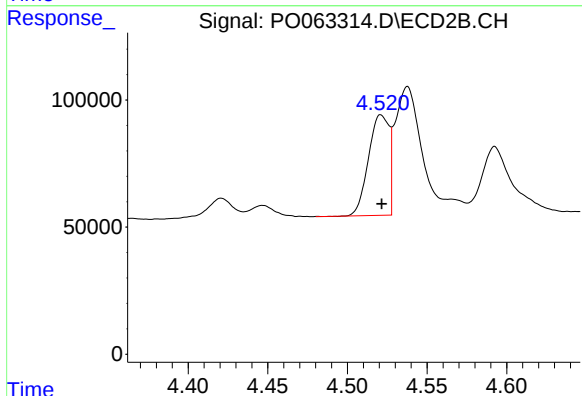
R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 578610
Conc: 13.53 ng/ml



#3 AR-1016-1

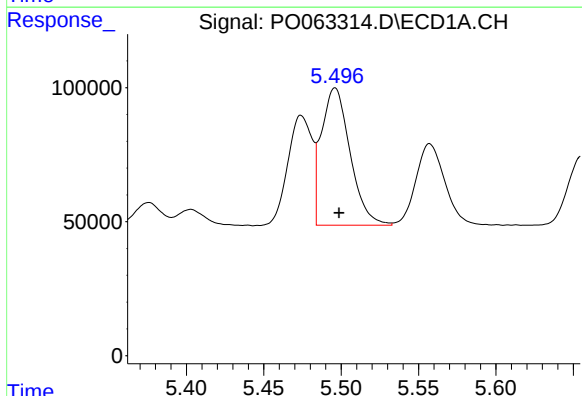
R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 446356
Conc: 204.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



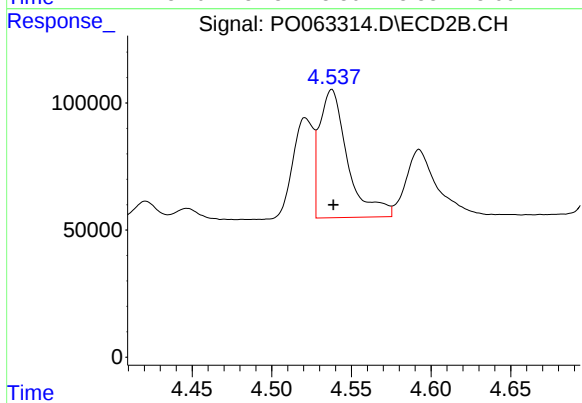
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 353984
Conc: 188.94 ng/ml



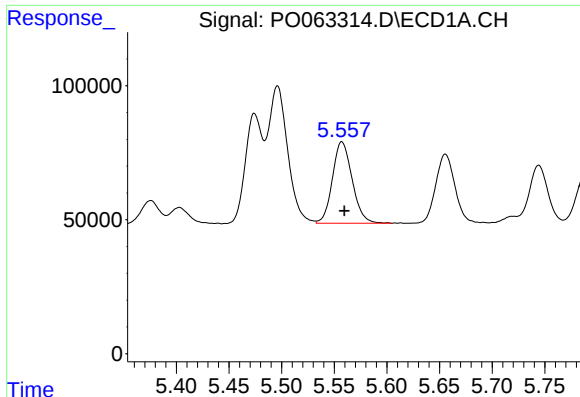
#4 AR-1016-2

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 662423
Conc: 211.45 ng/ml



#4 AR-1016-2

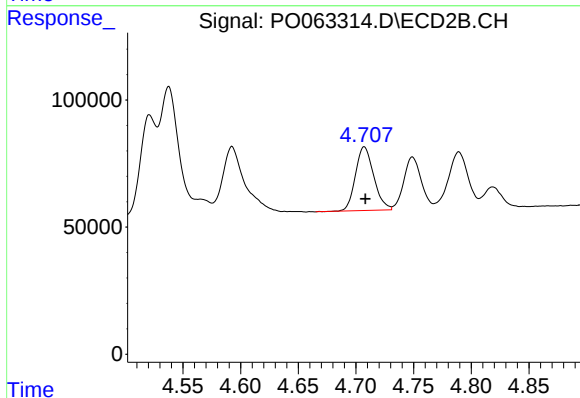
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 620090
Conc: 227.34 ng/ml



#5 AR-1016-3

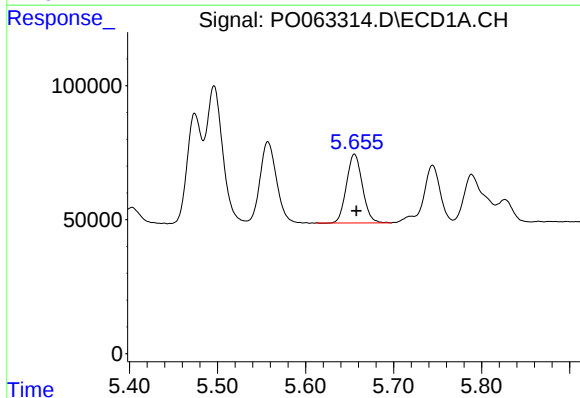
R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 397714
Conc: 212.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



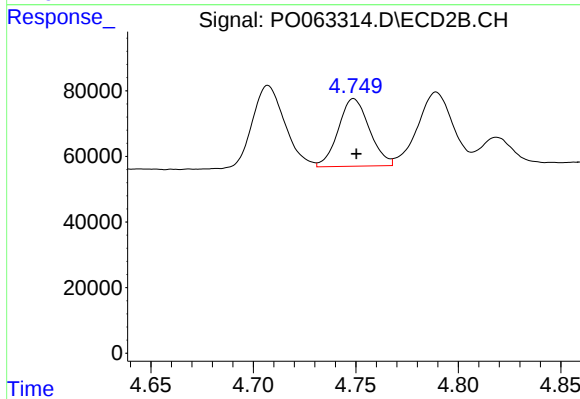
#5 AR-1016-3

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 276604
Conc: 199.30 ng/ml



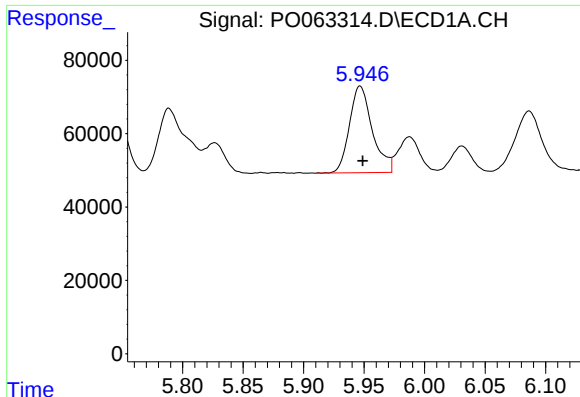
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 322719
Conc: 204.37 ng/ml



#6 AR-1016-4

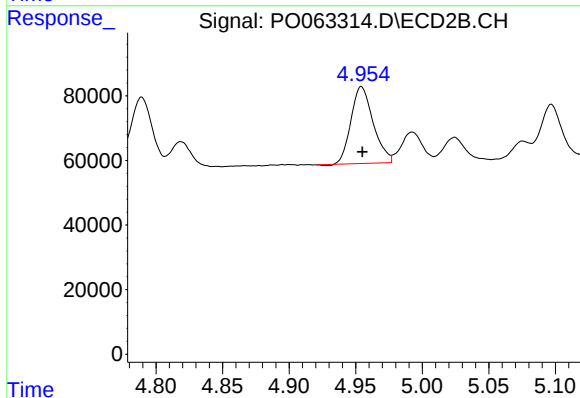
R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 218032
Conc: 195.22 ng/ml



#7 AR-1016-5

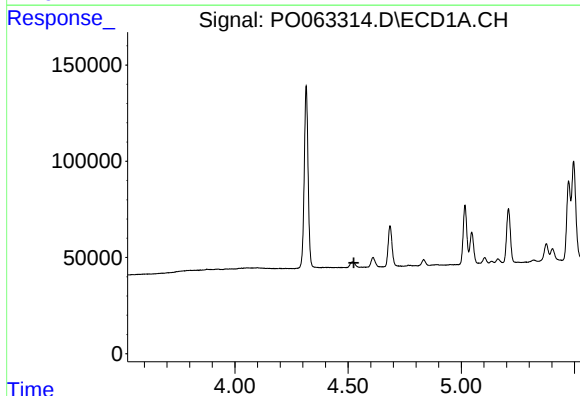
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 310634
Conc: 203.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



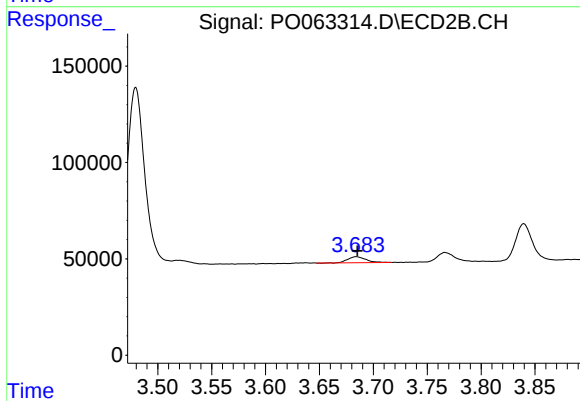
#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 275795
Conc: 183.07 ng/ml



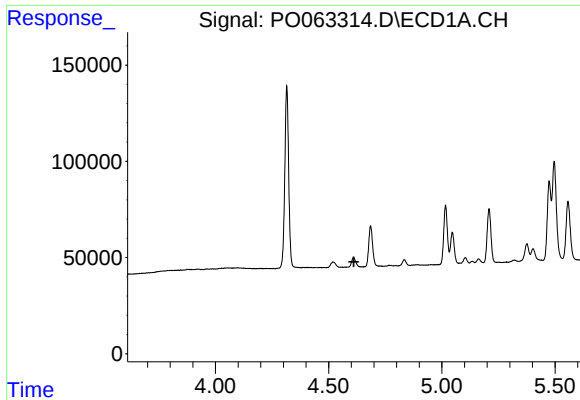
#8 AR-1221-1

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



#8 AR-1221-1

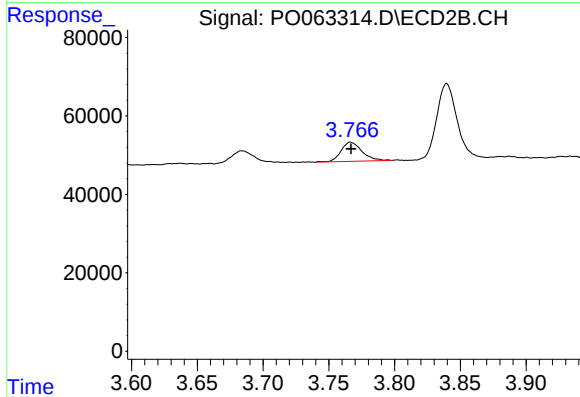
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 36309
Conc: 70.22 ng/ml



#9 AR-1221-2

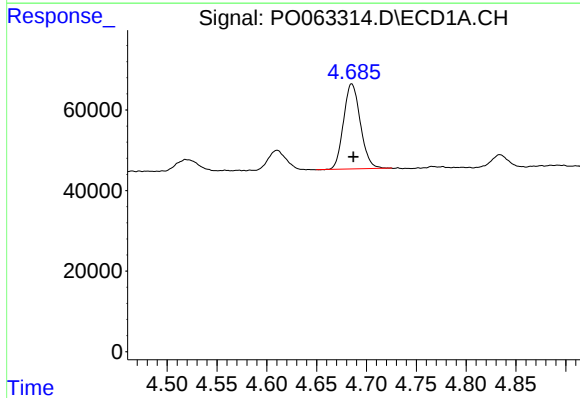
R.T.: 0.000 min
Exp R.T.: 4.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



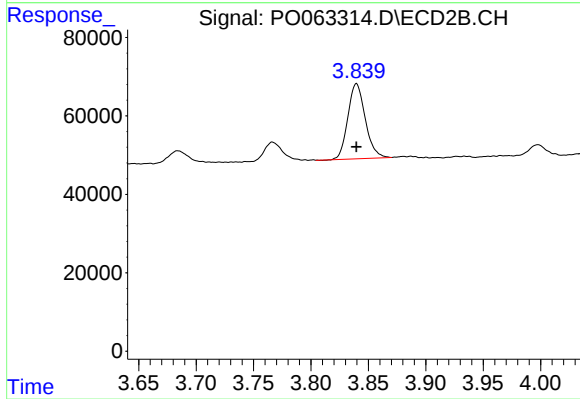
#9 AR-1221-2

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 54430
Conc: 140.98 ng/ml



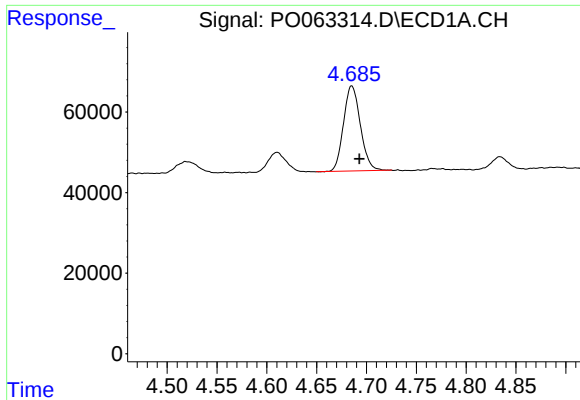
#10 AR-1221-3

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 248248
Conc: 179.68 ng/ml



#10 AR-1221-3

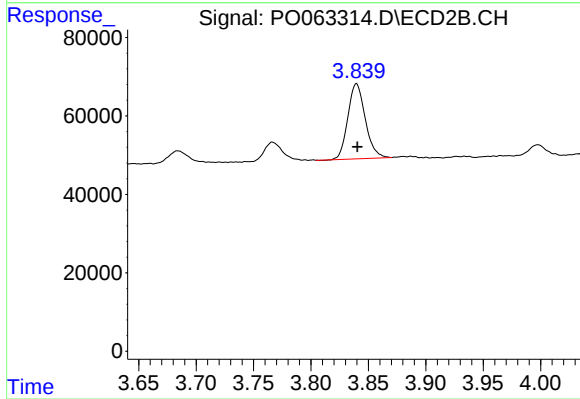
R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 203128
Conc: 165.20 ng/ml



#11 AR-1232-1

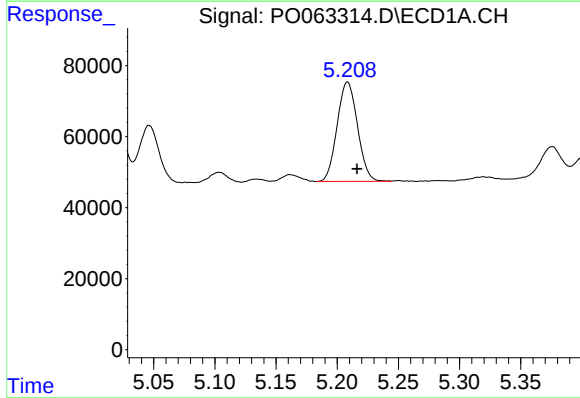
R.T.: 4.685 min
Delta R.T.: -0.008 min
Response: 248248
Conc: 130.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



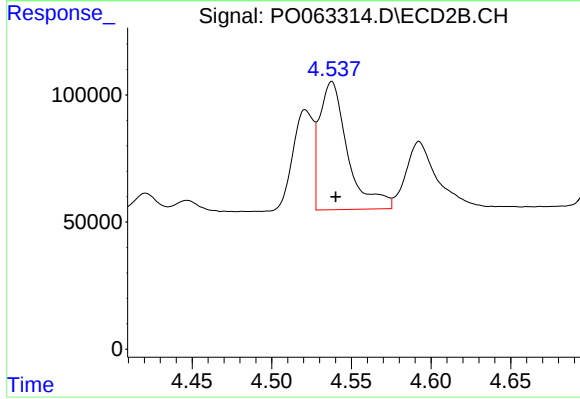
#11 AR-1232-1

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 203128
Conc: 119.01 ng/ml



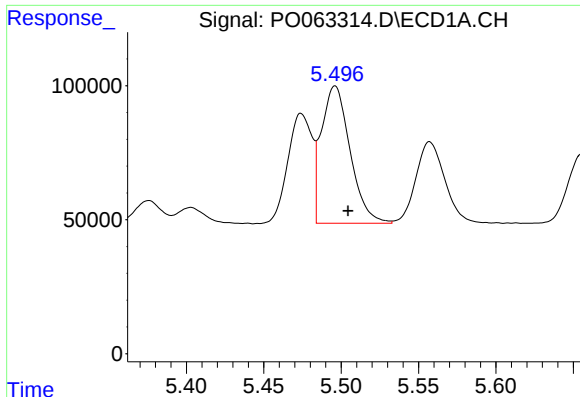
#12 AR-1232-2

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 323821
Conc: 327.12 ng/ml



#12 AR-1232-2

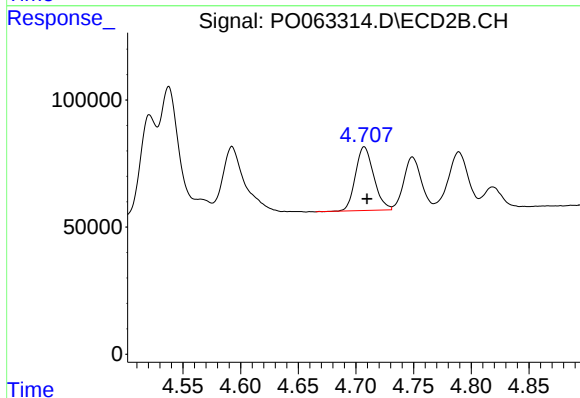
R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 620090
Conc: 315.24 ng/ml



#13 AR-1232-3

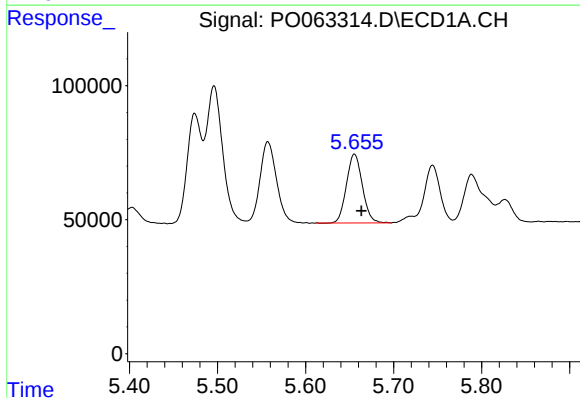
R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 662423
Conc: 292.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



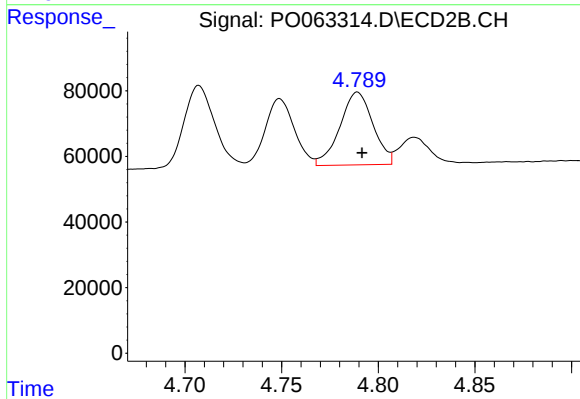
#13 AR-1232-3

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 276604
Conc: 285.91 ng/ml



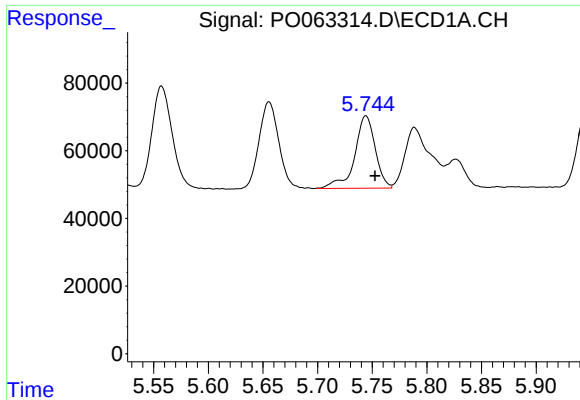
#14 AR-1232-4

R.T.: 5.656 min
Delta R.T.: -0.008 min
Response: 322719
Conc: 292.21 ng/ml



#14 AR-1232-4

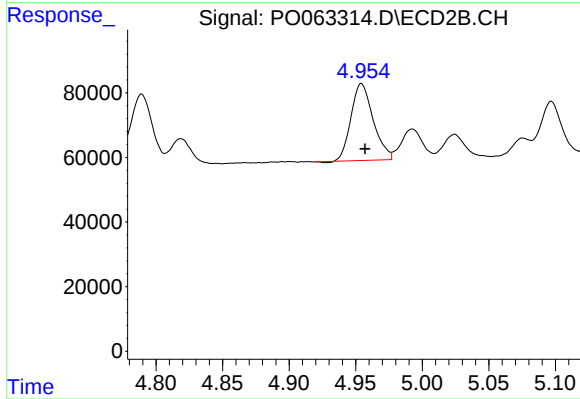
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 264445
Conc: 318.50 ng/ml



#15 AR-1232-5

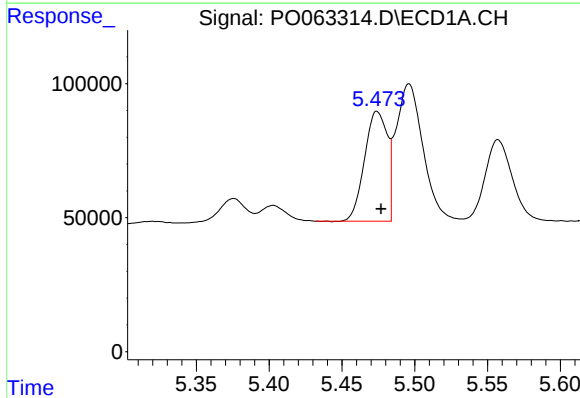
R.T.: 5.744 min
Delta R.T.: -0.008 min
Response: 281811
Conc: 351.45 ng/ml

Instrument :
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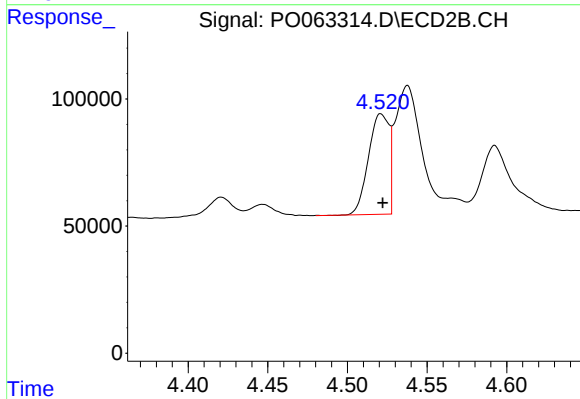
#15 AR-1232-5

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 275795
Conc: 294.67 ng/ml



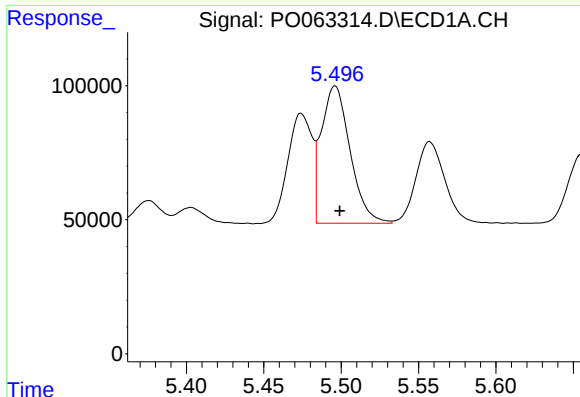
#16 AR-1242-1

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 446356
Conc: 278.28 ng/ml



#16 AR-1242-1

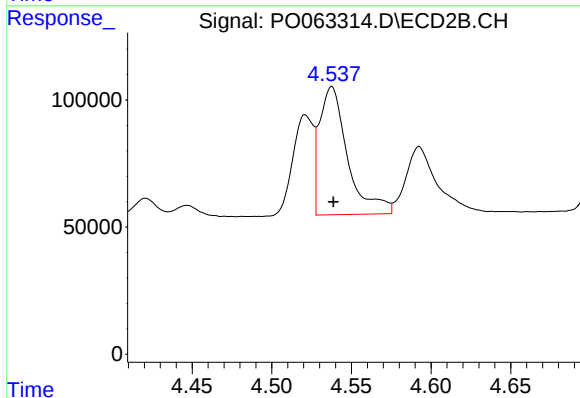
R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 353984
Conc: 256.16 ng/ml



#17 AR-1242-2

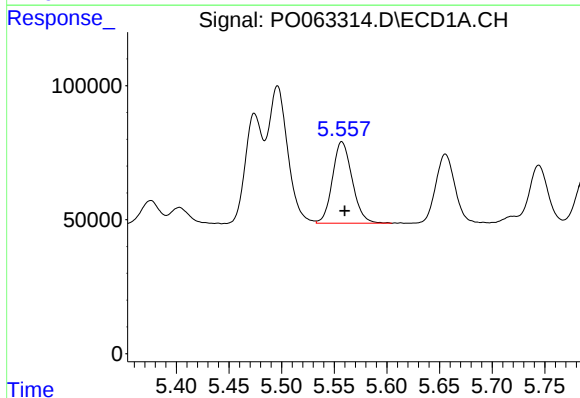
R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 662423
Conc: 287.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



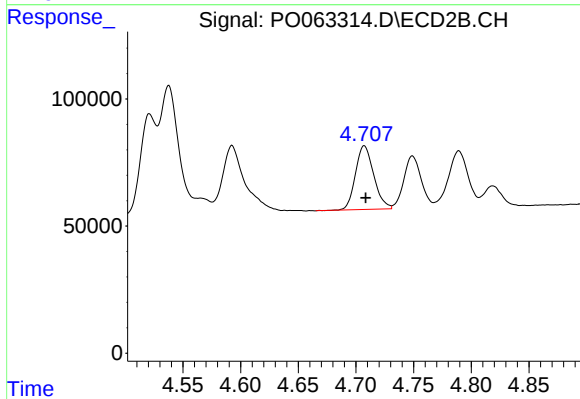
#17 AR-1242-2

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 620090
Conc: 302.24 ng/ml



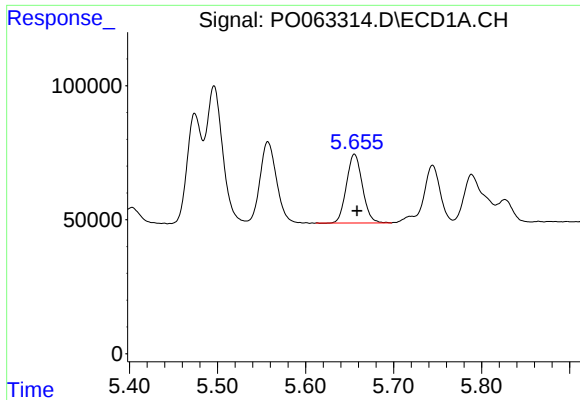
#18 AR-1242-3

R.T.: 5.557 min
Delta R.T.: -0.003 min
Response: 397714
Conc: 286.24 ng/ml



#18 AR-1242-3

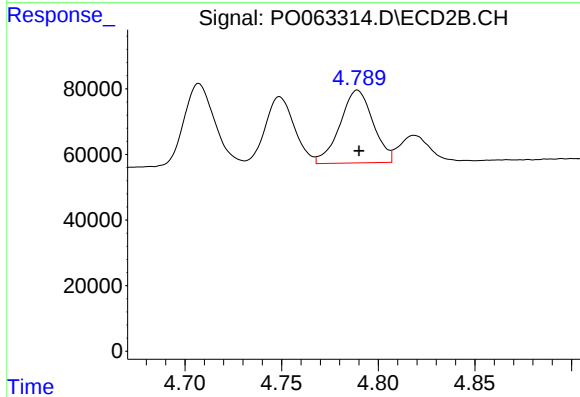
R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 276604
Conc: 263.94 ng/ml



#19 AR-1242-4

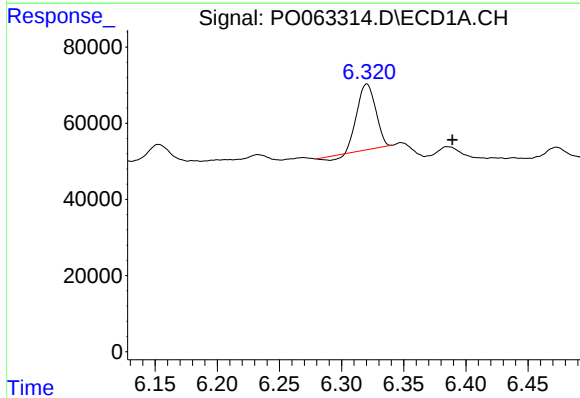
R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 322719
Conc: 276.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



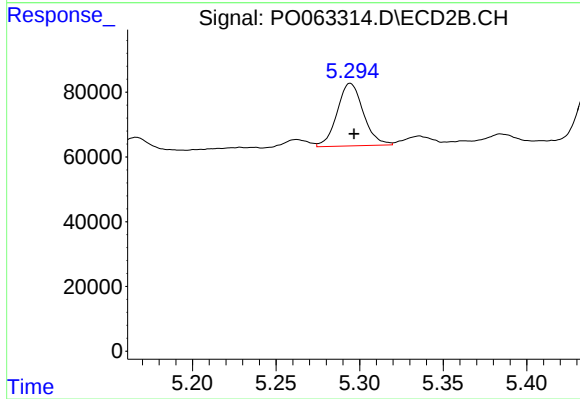
#19 AR-1242-4

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 264445
Conc: 266.41 ng/ml



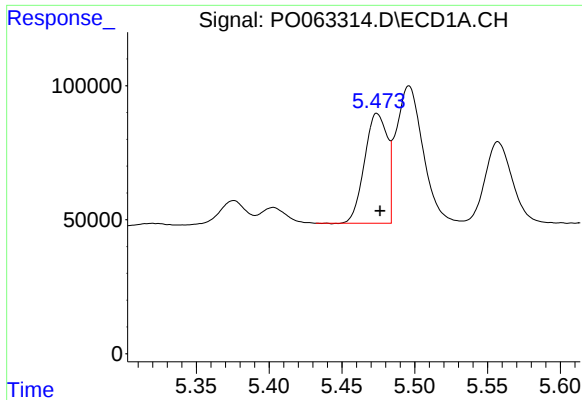
#20 AR-1242-5

R.T.: 6.320 min
Delta R.T.: -0.069 min
Response: 173746
Conc: 120.72 ng/ml



#20 AR-1242-5

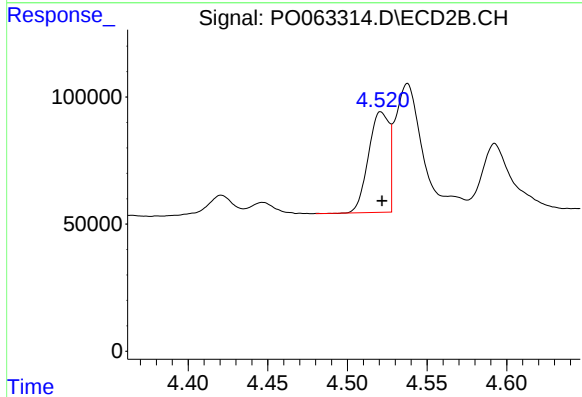
R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 210835
Conc: 150.92 ng/ml



#21 AR-1248-1

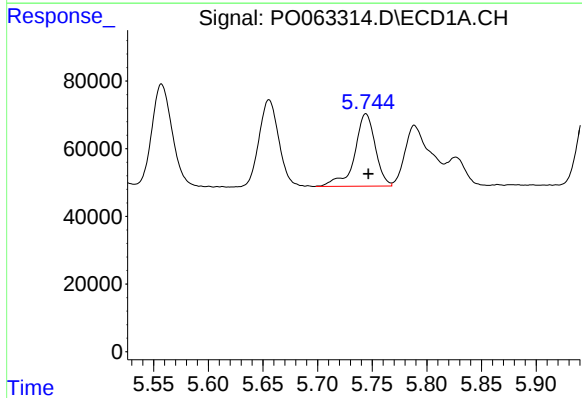
R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 446356
Conc: 362.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



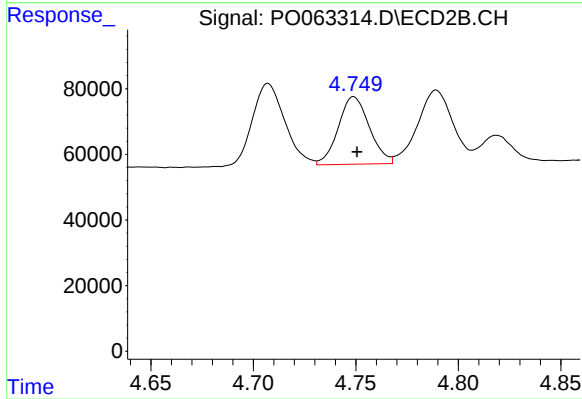
#21 AR-1248-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 353984
Conc: 323.87 ng/ml



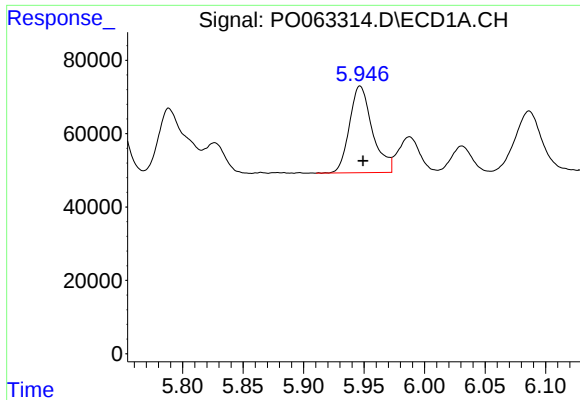
#22 AR-1248-2

R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 281811
Conc: 162.69 ng/ml



#22 AR-1248-2

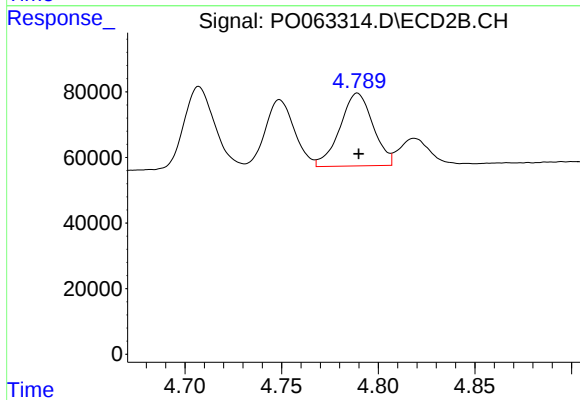
R.T.: 4.749 min
Delta R.T.: -0.002 min
Response: 218032
Conc: 155.92 ng/ml



#23 AR-1248-3

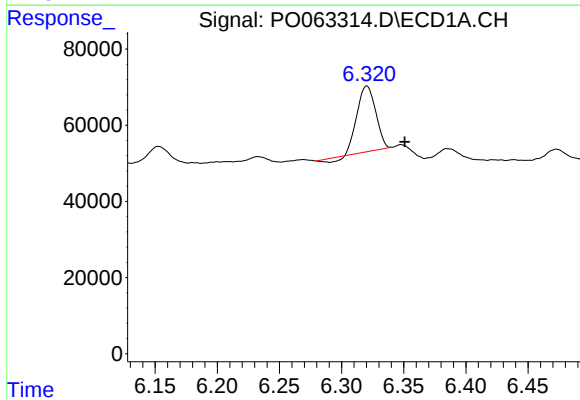
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 310634
Conc: 160.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



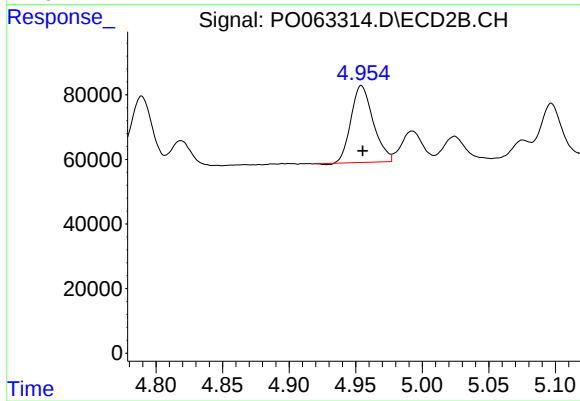
#23 AR-1248-3

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 264445
Conc: 182.86 ng/ml



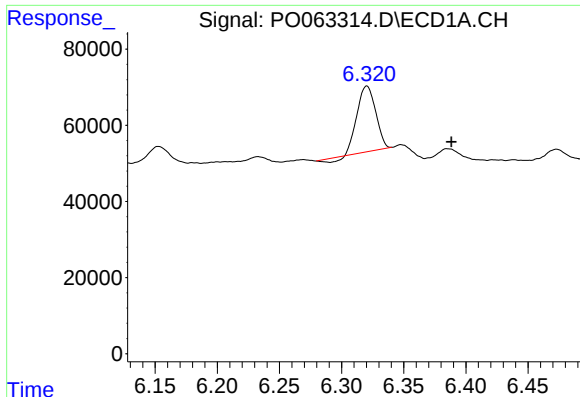
#24 AR-1248-4

R.T.: 6.320 min
Delta R.T.: -0.031 min
Response: 173746
Conc: 69.81 ng/ml



#24 AR-1248-4

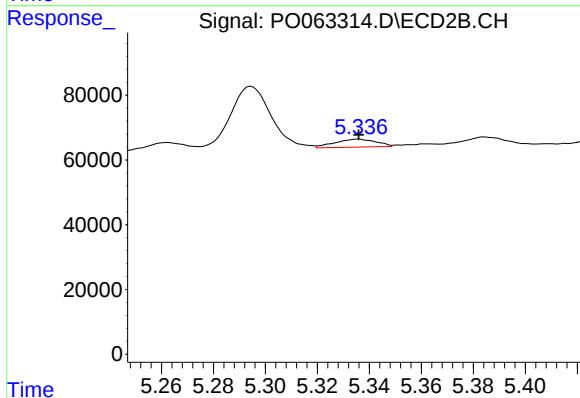
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 275795
Conc: 153.16 ng/ml



#25 AR-1248-5

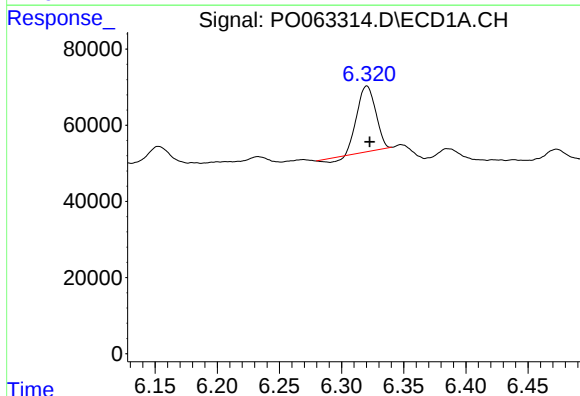
R.T.: 6.320 min
Delta R.T.: -0.068 min
Response: 173746
Conc: 74.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



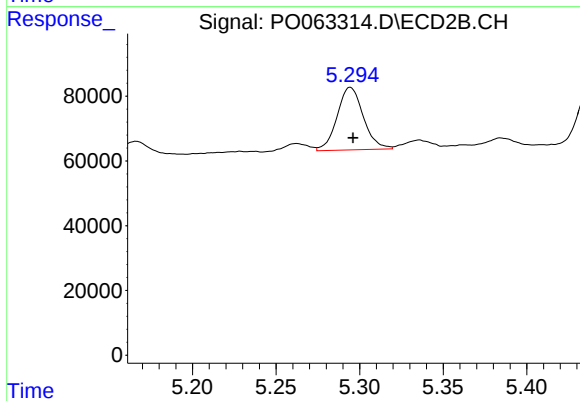
#25 AR-1248-5

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 27163
Conc: 14.69 ng/ml



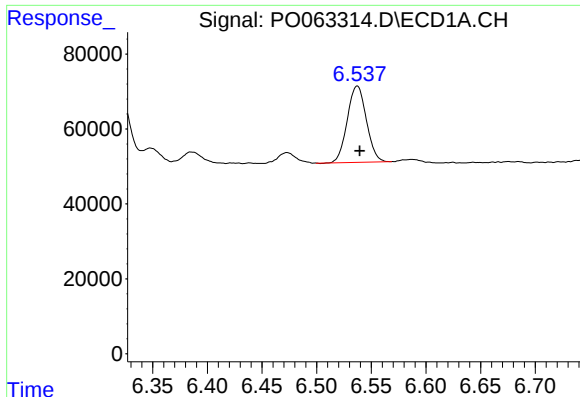
#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 173746
Conc: 68.34 ng/ml



#26 AR-1254-1

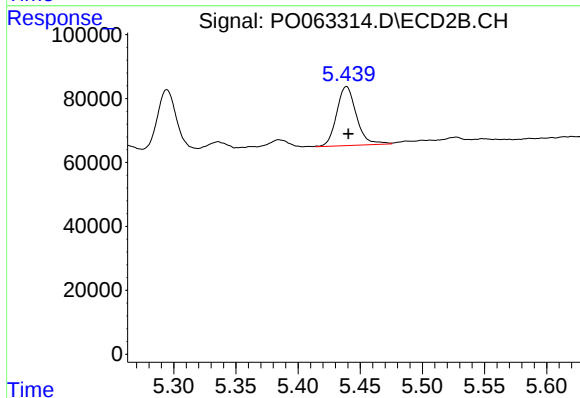
R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 210835
Conc: 69.99 ng/ml



#27 AR-1254-2

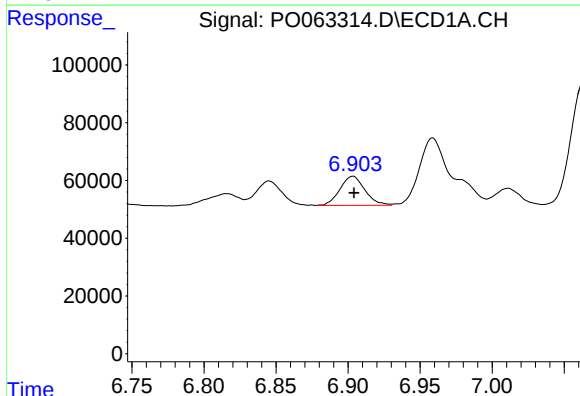
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 248099
Conc: 61.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



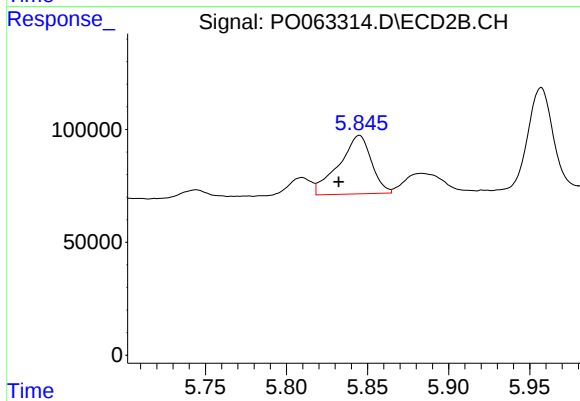
#27 AR-1254-2

R.T.: 5.439 min
Delta R.T.: -0.001 min
Response: 204207
Conc: 75.72 ng/ml



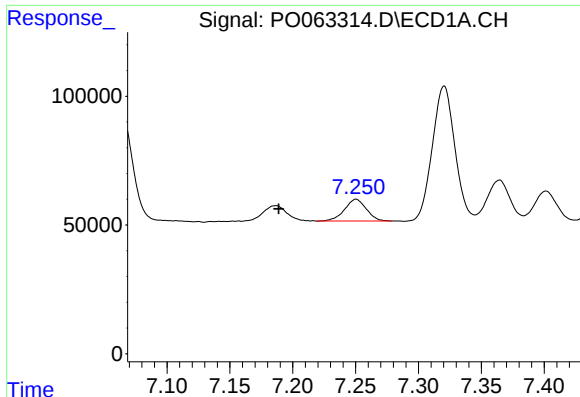
#28 AR-1254-3

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 121370
Conc: 28.51 ng/ml



#28 AR-1254-3

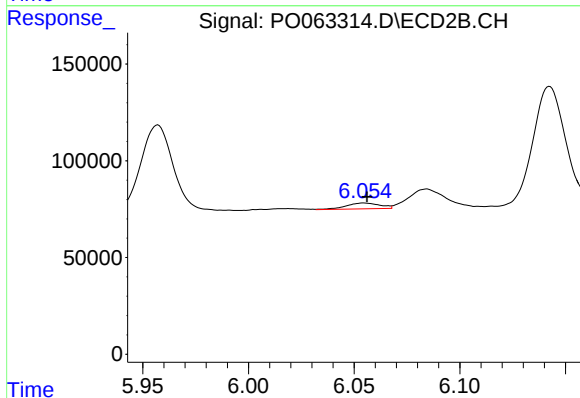
R.T.: 5.845 min
Delta R.T.: 0.013 min
Response: 361073
Conc: 84.10 ng/ml



#29 AR-1254-4

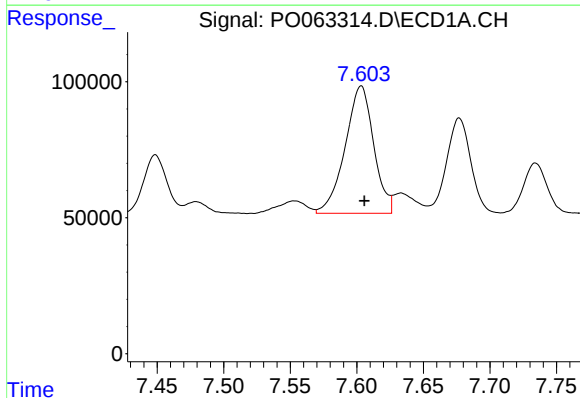
R.T.: 7.250 min
Delta R.T.: 0.062 min
Response: 101697
Conc: 30.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



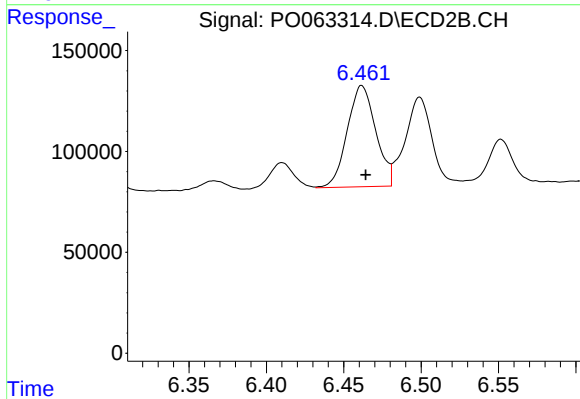
#29 AR-1254-4

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 32803
Conc: 11.51 ng/ml



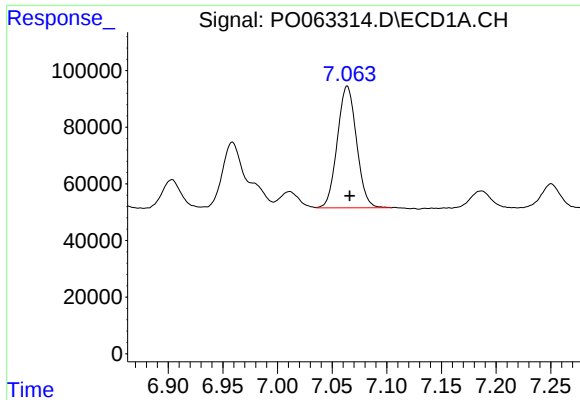
#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: -0.002 min
Response: 700326
Conc: 211.13 ng/ml



#30 AR-1254-5

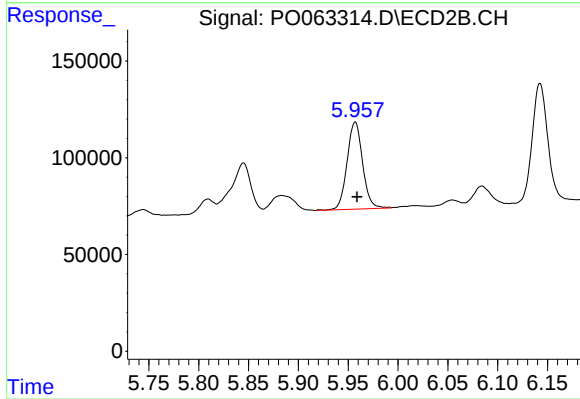
R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 644336
Conc: 172.85 ng/ml



#31 AR-1260-1

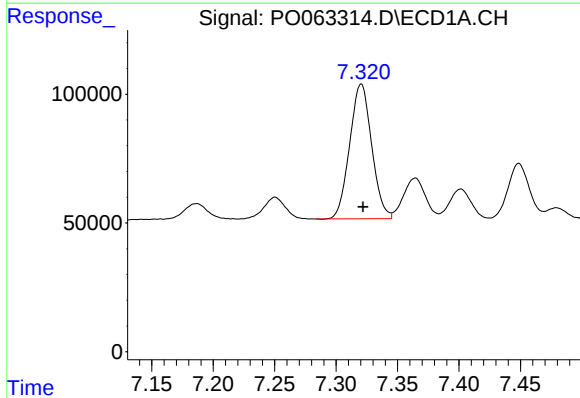
R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 526363
Conc: 169.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



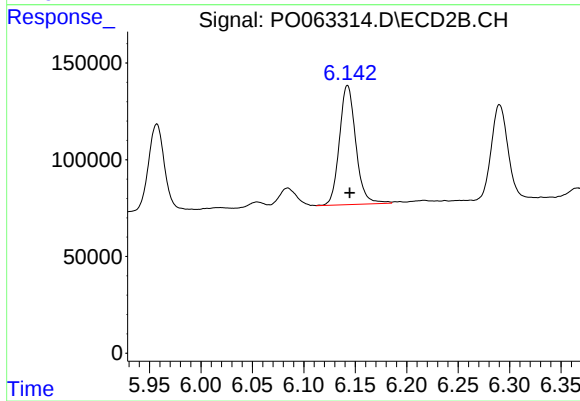
#31 AR-1260-1

R.T.: 5.957 min
Delta R.T.: -0.002 min
Response: 489887
Conc: 177.38 ng/ml



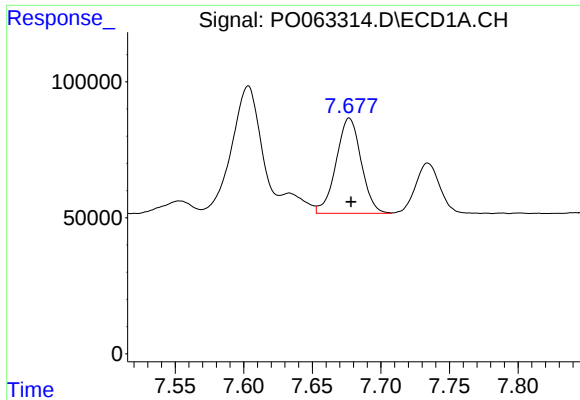
#32 AR-1260-2

R.T.: 7.320 min
Delta R.T.: -0.002 min
Response: 652011
Conc: 161.51 ng/ml



#32 AR-1260-2

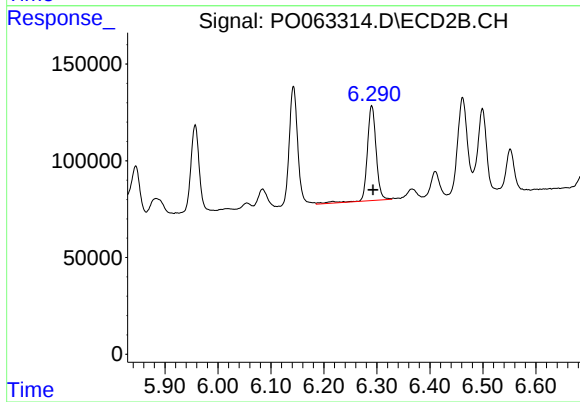
R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 685895
Conc: 178.76 ng/ml



#33 AR-1260-3

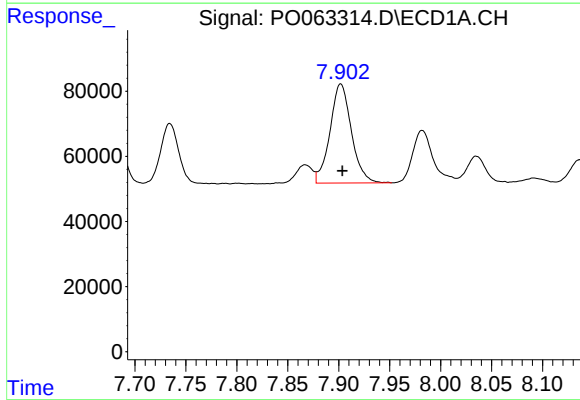
R.T.: 7.677 min
Delta R.T.: -0.001 min
Response: 446081
Conc: 138.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



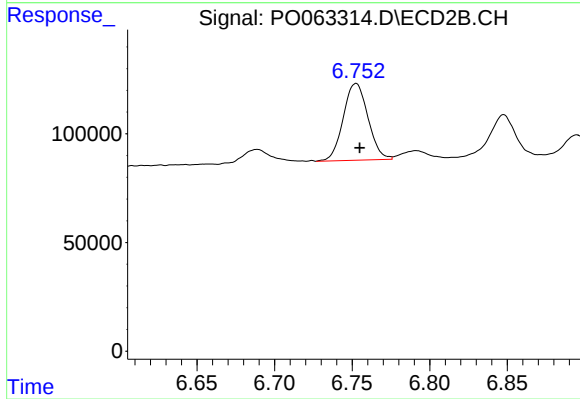
#33 AR-1260-3

R.T.: 6.290 min
Delta R.T.: -0.003 min
Response: 574723
Conc: 183.17 ng/ml



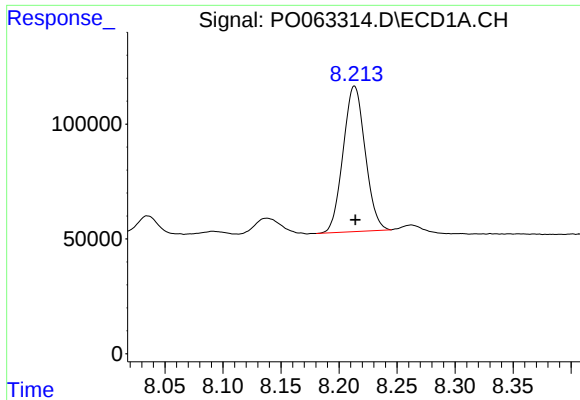
#34 AR-1260-4

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 446039
Conc: 139.72 ng/ml



#34 AR-1260-4

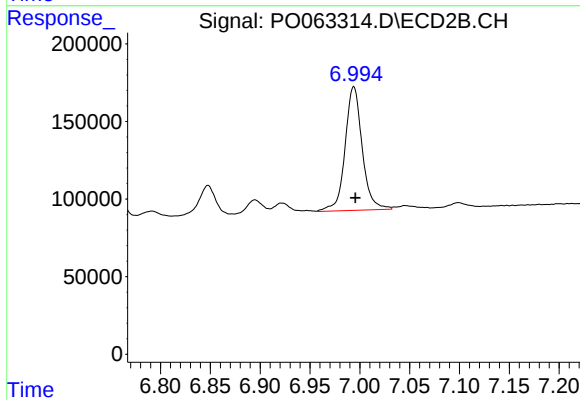
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 391603
Conc: 154.67 ng/ml



#35 AR-1260-5

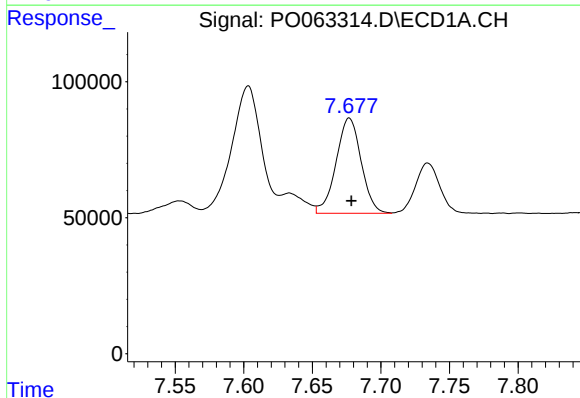
R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 837006
Conc: 142.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



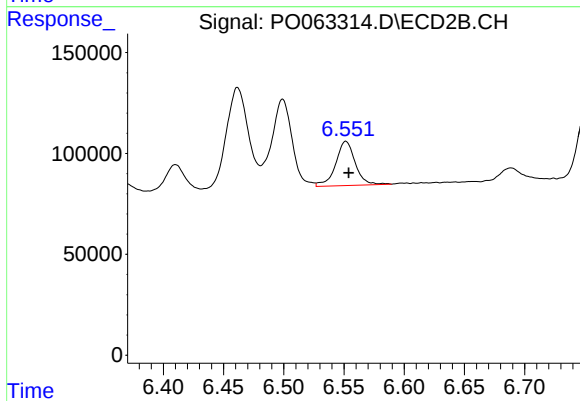
#35 AR-1260-5

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 956158
Conc: 156.87 ng/ml



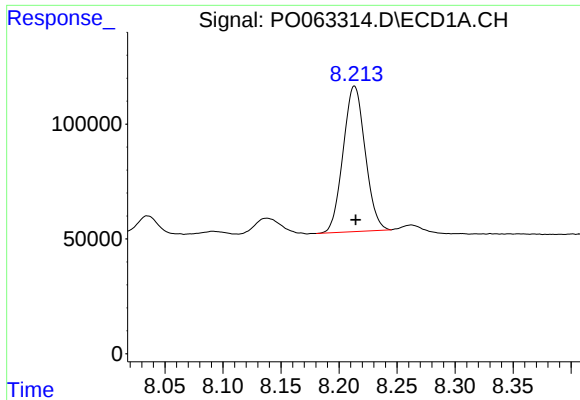
#36 AR-1262-1

R.T.: 7.677 min
Delta R.T.: -0.001 min
Response: 446081
Conc: 93.45 ng/ml



#36 AR-1262-1

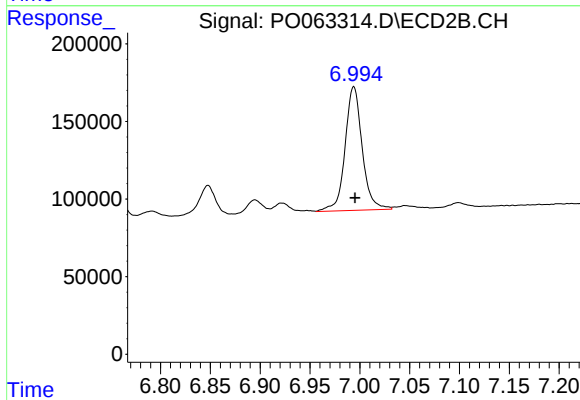
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 248433
Conc: 136.53 ng/ml



#37 AR-1262-2

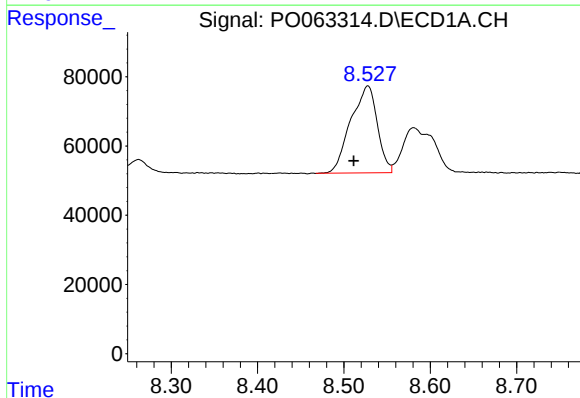
R.T.: 8.213 min
Delta R.T.: -0.001 min
Response: 837006
Conc: 120.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



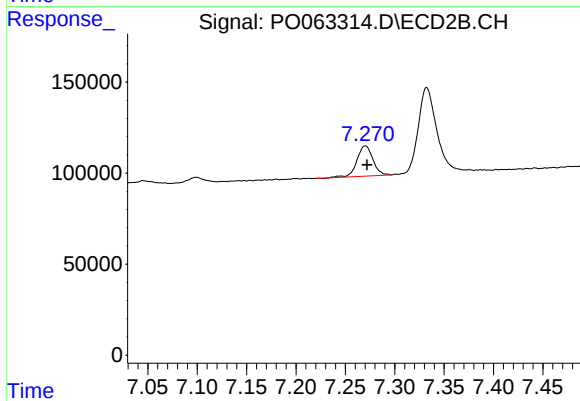
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 956158
Conc: 134.16 ng/ml



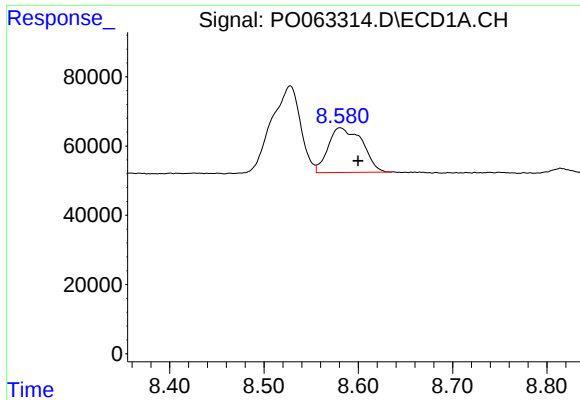
#38 AR-1262-3

R.T.: 8.528 min
Delta R.T.: 0.016 min
Response: 535042
Conc: 115.76 ng/ml



#38 AR-1262-3

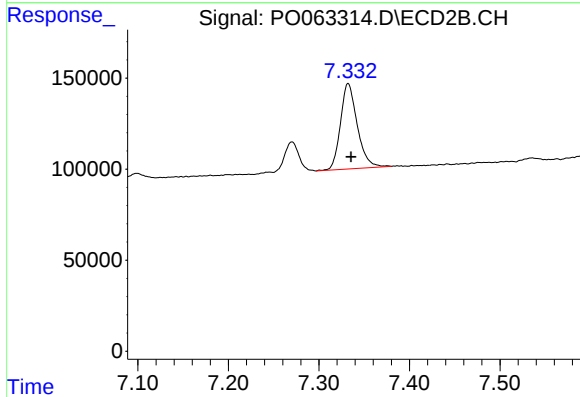
R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 187452
Conc: 69.94 ng/ml



#39 AR-1262-4

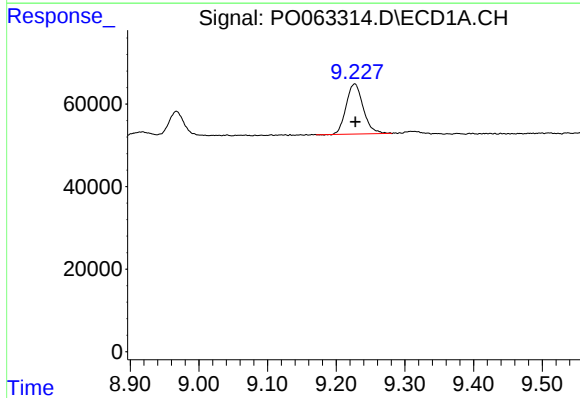
R.T.: 8.581 min
Delta R.T.: -0.019 min
Response: 322929
Conc: 89.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



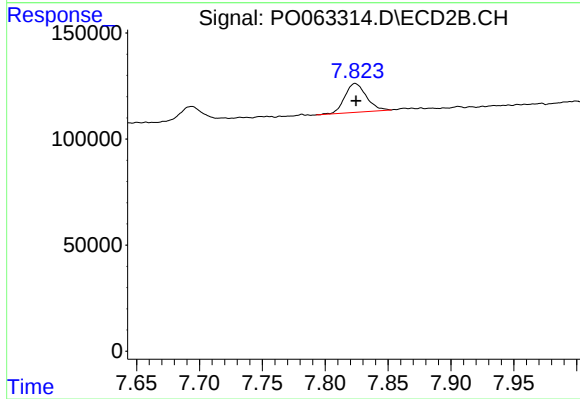
#39 AR-1262-4

R.T.: 7.332 min
Delta R.T.: -0.003 min
Response: 605111
Conc: 131.95 ng/ml



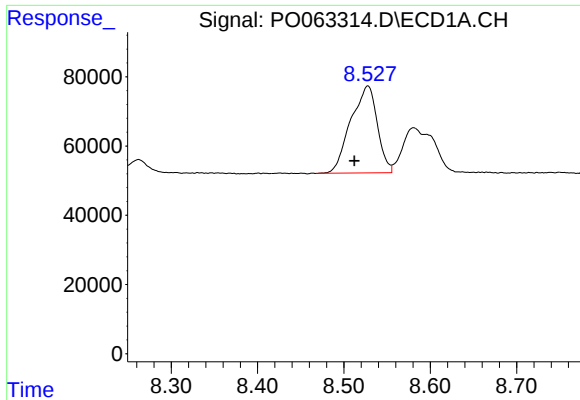
#40 AR-1262-5

R.T.: 9.227 min
Delta R.T.: -0.001 min
Response: 209699
Conc: 91.62 ng/ml



#40 AR-1262-5

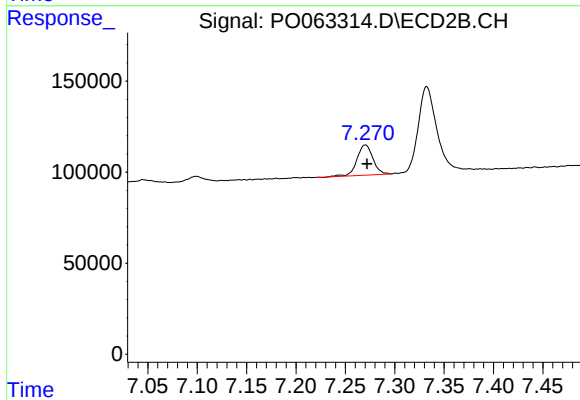
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 162797
Conc: 82.96 ng/ml



#41 AR-1268-1

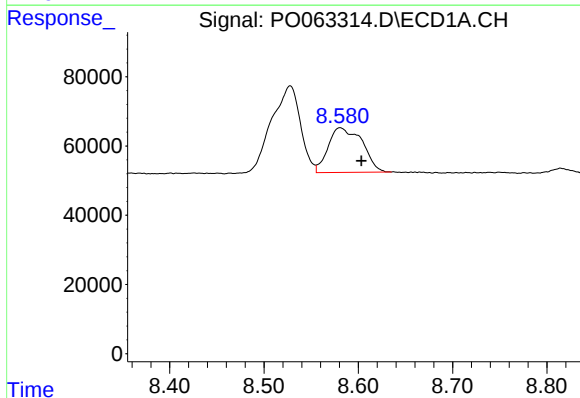
R.T.: 8.528 min
Delta R.T.: 0.016 min
Response: 535042
Conc: 63.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



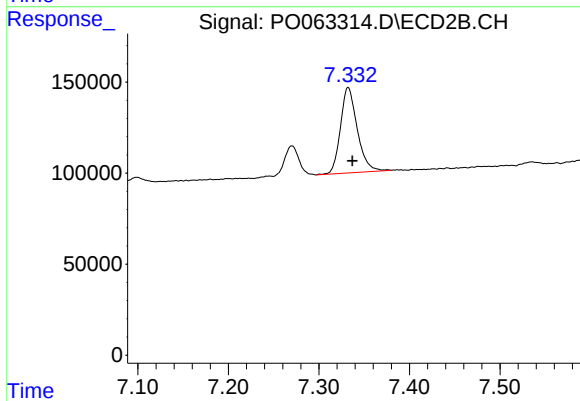
#41 AR-1268-1

R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 187452
Conc: 23.52 ng/ml



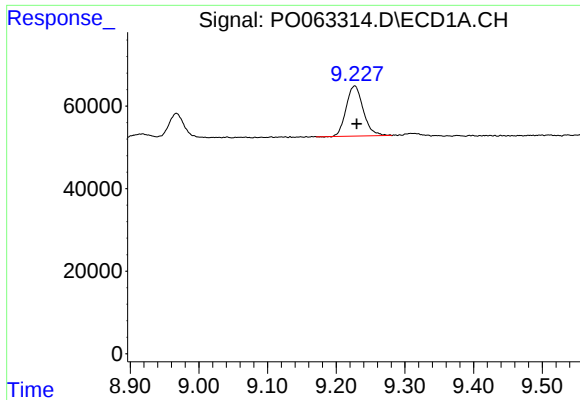
#42 AR-1268-2

R.T.: 8.581 min
Delta R.T.: -0.023 min
Response: 322929
Conc: 44.07 ng/ml



#42 AR-1268-2

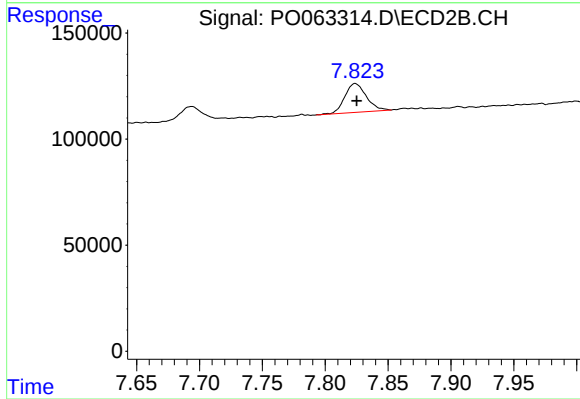
R.T.: 7.332 min
Delta R.T.: -0.004 min
Response: 605111
Conc: 91.90 ng/ml



#44 AR-1268-4

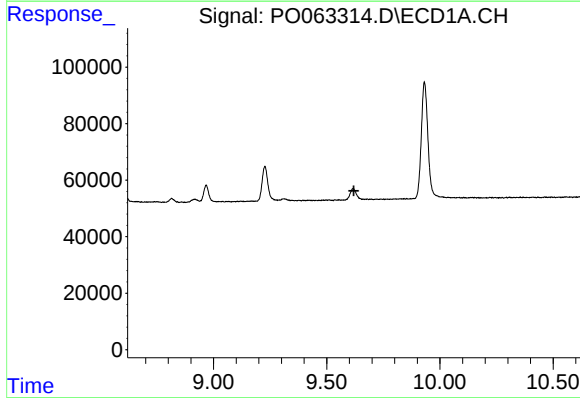
R.T.: 9.227 min
Delta R.T.: -0.003 min
Response: 209699
Conc: 85.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL-CUTTINGS



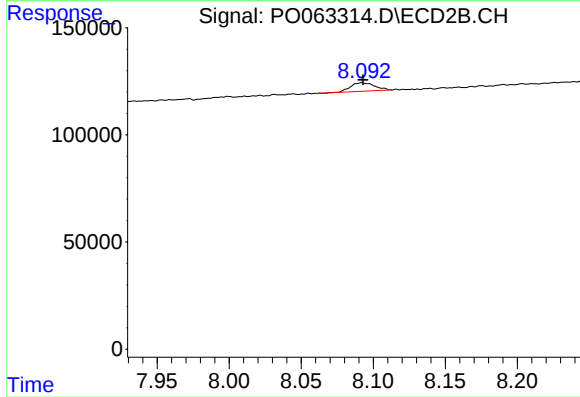
#44 AR-1268-4

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 162797
Conc: 75.43 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.: 8.092 min
Delta R.T.: 0.000 min
Response: 45577
Conc: 3.04 ng/ml