

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122118\
 Data File : PL043362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2018 16:21
 Operator : AJ\SJ
 Sample : J6500-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-CUTTINGSMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 22:40:10 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120618.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 07 00:20:08 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.465	4.101	150.2E6	84128837	24.498	28.385
28)	SA Decachlor...	8.203	9.235	125.8E6	59948031	19.267	22.982
Target Compounds							
2)	A alpha-BHC	3.904	4.497	601.8E6	302.1E6	63.664	66.790
3)	MA gamma-BHC...	4.187	4.786	549.0E6	284.6E6	63.581	67.867
4)	MA Heptachlor	4.482	5.301	544.2E6	263.3E6	61.331	64.266
5)	MB Aldrin	4.729	5.610	518.5E6	272.1E6	61.158	66.658
6)	B beta-BHC	4.441	4.955	221.4E6	112.4E6	60.031	66.416
7)	B delta-BHC	4.643	5.176	435.7E6	235.7E6	53.804	54.846
8)	B Heptachlo...	5.172	5.999	463.4E6	236.7E6	58.459	62.423
9)	A Endosulfan I	5.509	6.359	406.6E6	213.5E6	55.503	62.876
10)	B gamma-Chl...	5.398	6.234	464.9E6	233.8E6	57.663	63.645
11)	B alpha-Chl...	5.455	6.307	450.8E6	231.6E6	56.779	64.393
12)	B 4,4'-DDE	5.622	6.462	420.9E6	232.4E6	60.800	64.128
13)	MA Dieldrin	5.752	6.618	459.2E6	234.9E6	59.060	64.797
14)	MA Endrin	6.009	6.837	403.2E6	189.2E6	56.002	60.603
15)	B Endosulfa...	6.285	7.046	358.3E6	186.0E6	53.857	61.443
16)	A 4,4'-DDD	6.138	6.954	336.5E6	190.6E6	59.341	64.992
17)	MA 4,4'-DDT	6.376	7.255	318.4E6	169.6E6	53.523	57.742
18)	B Endrin al...	6.452	7.170	281.9E6	149.2E6	51.163	59.475
19)	B Endosulfa...	6.666	7.393	336.0E6	171.8E6	50.159	57.143
20)	A Methoxychlor	6.923	7.711	163.2E6	82192995	48.642	54.493
21)	B Endrin ke...	7.155	7.868	384.1E6	176.8E6	53.115	57.851
23)	Chlordane-1	4.339	5.176	1813438	235.7E6	6.749	1667.707 #
24)	Chlordane-2	0.000	5.610	0	272.1E6	N.D.	1896.923 #
25)	Chlordane-3	5.398	6.234	464.9E6	233.8E6	559.379	476.113
26)	Chlordane-4	5.455	6.307	450.8E6	231.6E6	596.188	405.756 #
27)	Chlordane-5	6.285	7.170	358.3E6	149.2E6	1493.650	1272.445

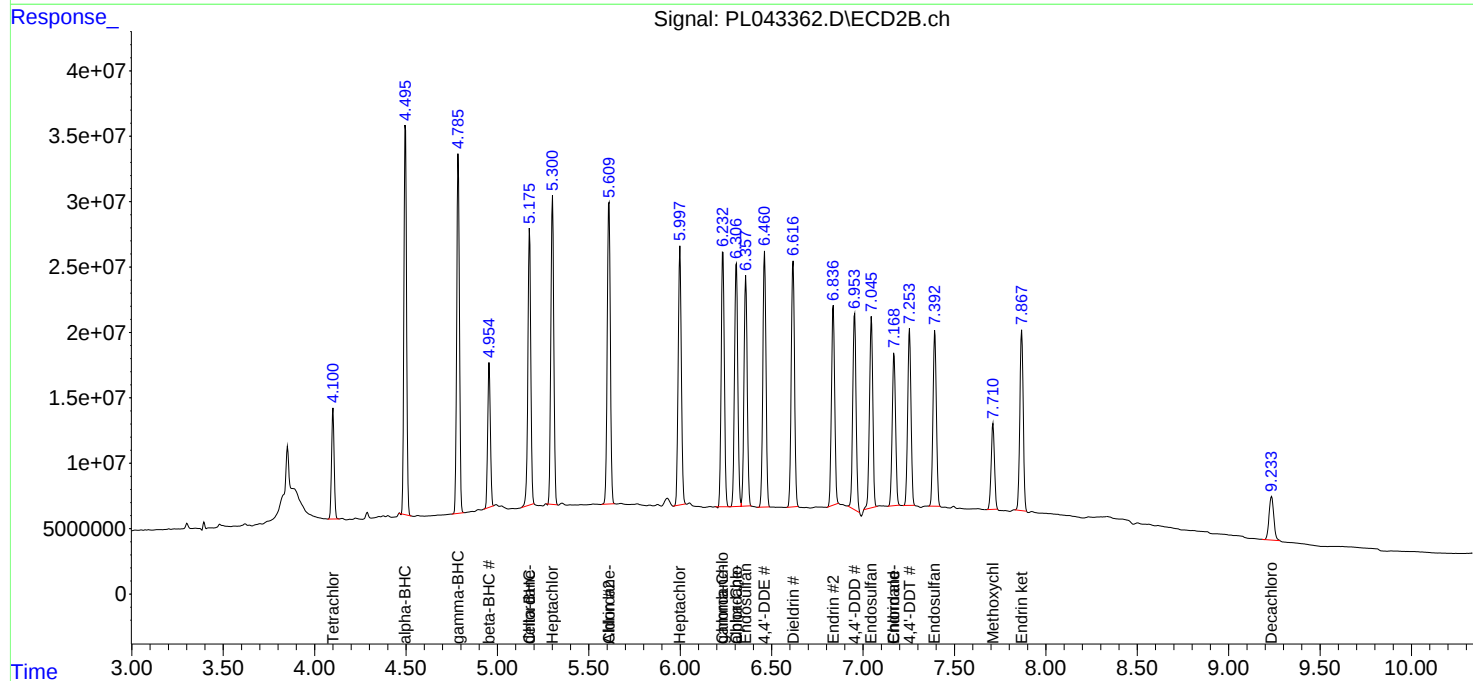
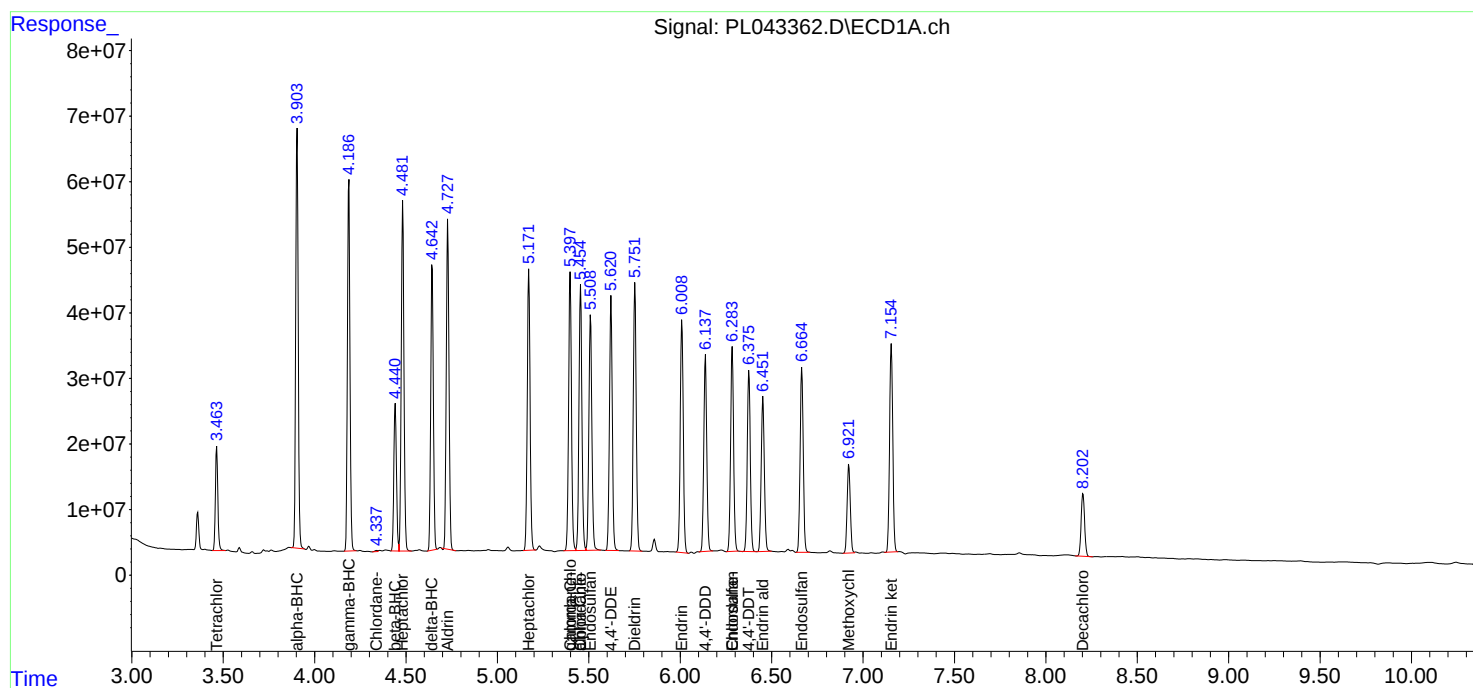
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

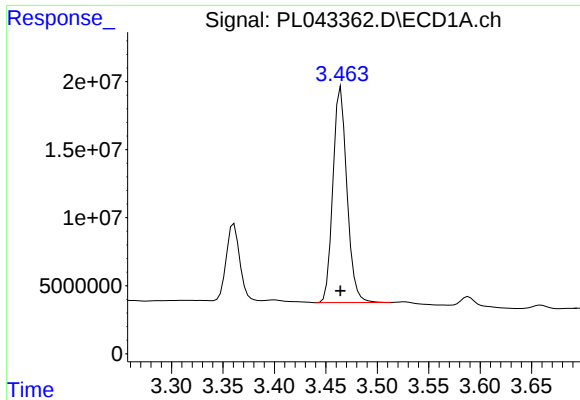
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122118\
Data File : PL043362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2018 16:21
Operator : AJ\SJ
Sample : J6500-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 22:40:10 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120618.M
Quant Title : GC Extractables
QLast Update : Fri Dec 07 00:20:08 2018
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

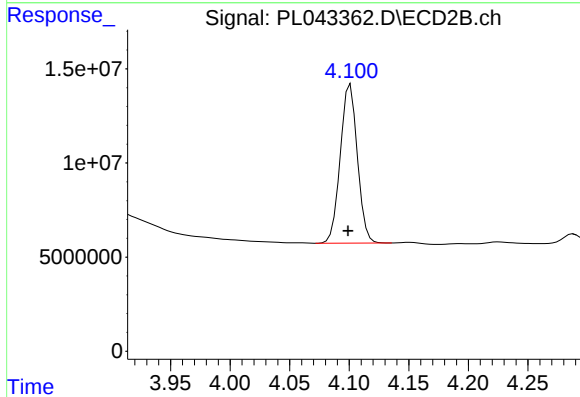




#1 Tetrachloro-m-xylene

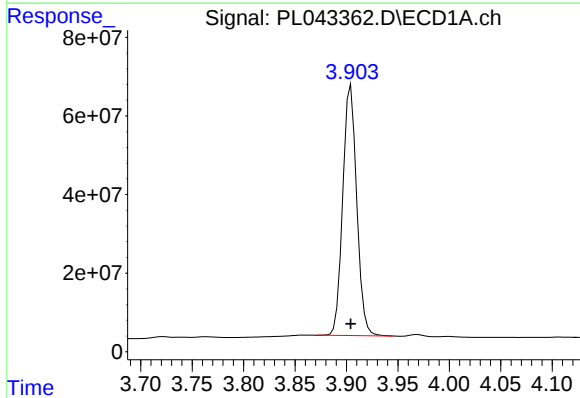
R.T.: 3.465 min
Delta R.T.: 0.000 min
Response: 150241210
Conc: 24.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



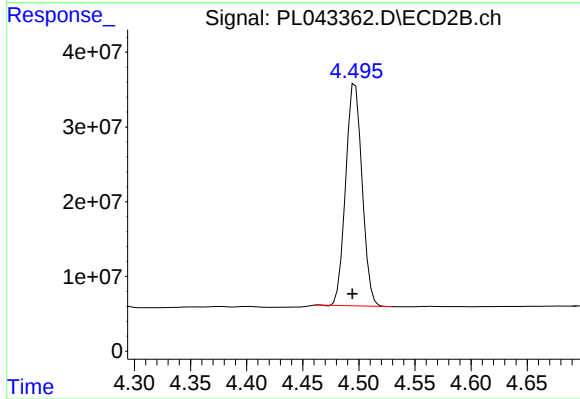
#1 Tetrachloro-m-xylene

R.T.: 4.101 min
Delta R.T.: 0.002 min
Response: 84128837
Conc: 28.38 ng/ml



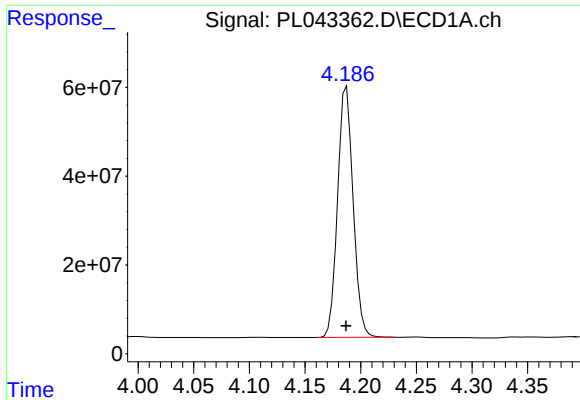
#2 alpha-BHC

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 601842097
Conc: 63.66 ng/ml



#2 alpha-BHC

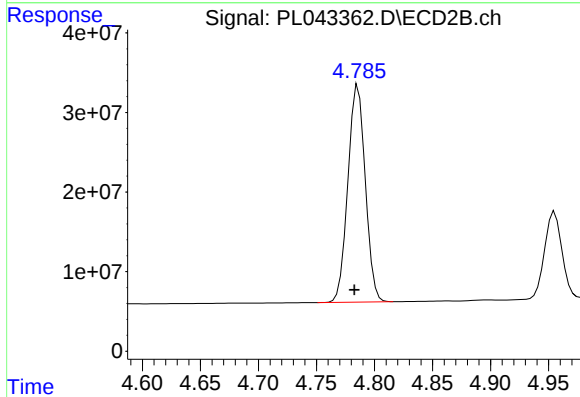
R.T.: 4.497 min
Delta R.T.: 0.002 min
Response: 302124171
Conc: 66.79 ng/ml



#3 gamma-BHC (Lindane)

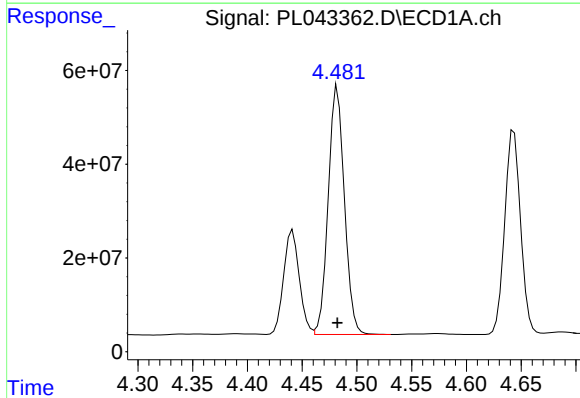
R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 548995142
Conc: 63.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



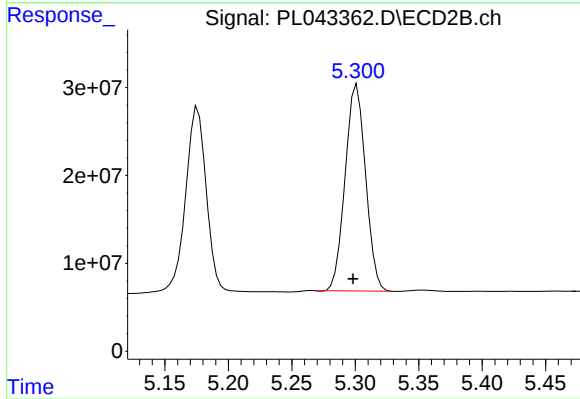
#3 gamma-BHC (Lindane)

R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 284646711
Conc: 67.87 ng/ml



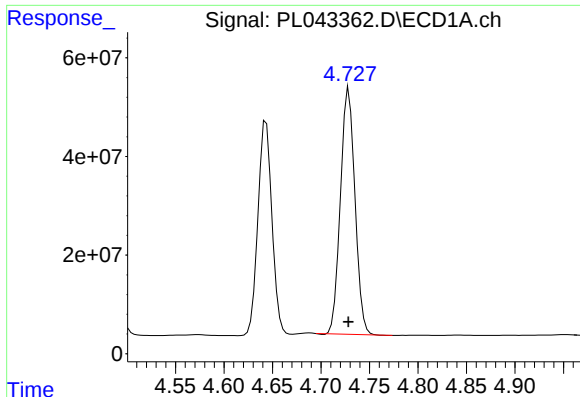
#4 Heptachlor

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 544163591
Conc: 61.33 ng/ml



#4 Heptachlor

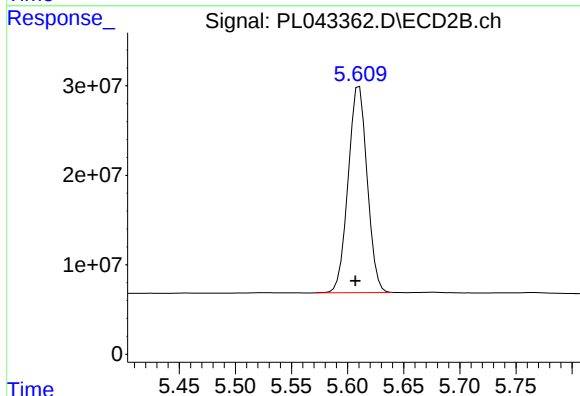
R.T.: 5.301 min
Delta R.T.: 0.003 min
Response: 263255795
Conc: 64.27 ng/ml



#5 Aldrin

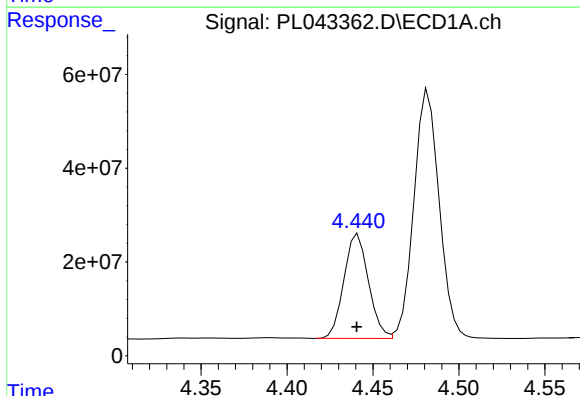
R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 518536513
Conc: 61.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



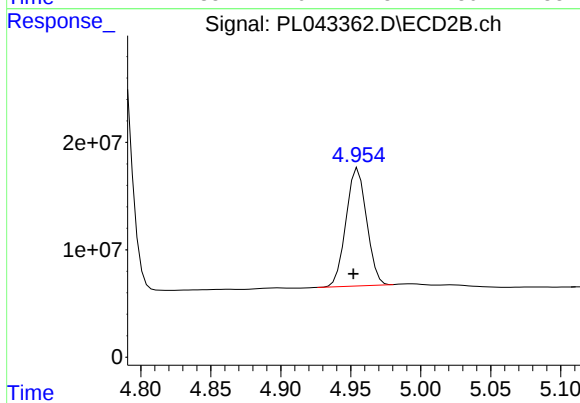
#5 Aldrin

R.T.: 5.610 min
Delta R.T.: 0.003 min
Response: 272098176
Conc: 66.66 ng/ml



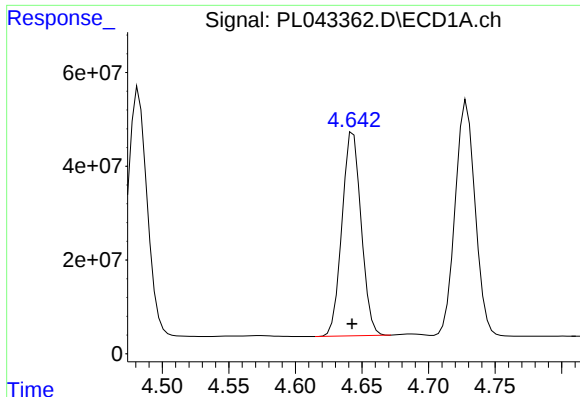
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 221425343
Conc: 60.03 ng/ml



#6 beta-BHC

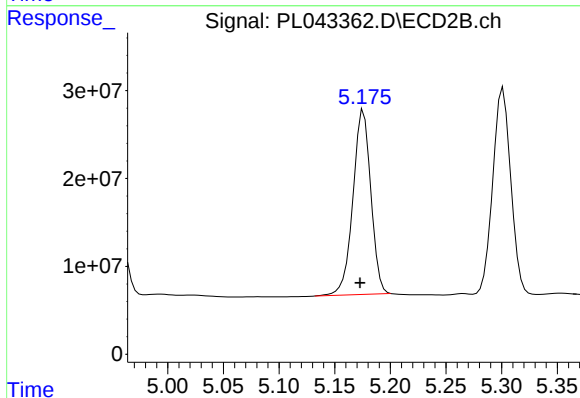
R.T.: 4.955 min
Delta R.T.: 0.003 min
Response: 112438609
Conc: 66.42 ng/ml



#7 delta-BHC

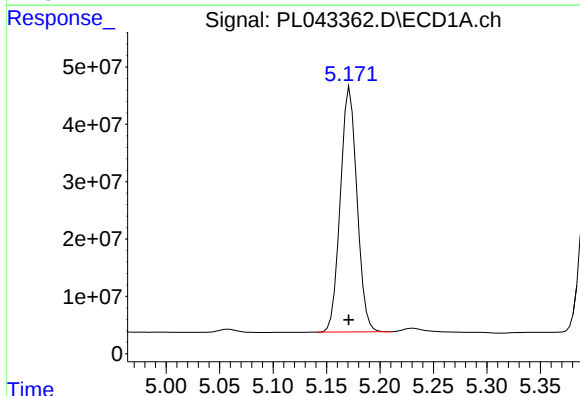
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 435722624
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



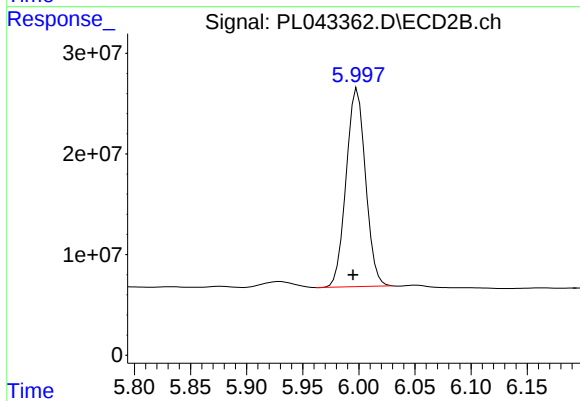
#7 delta-BHC

R.T.: 5.176 min
Delta R.T.: 0.003 min
Response: 235701989
Conc: 54.85 ng/ml



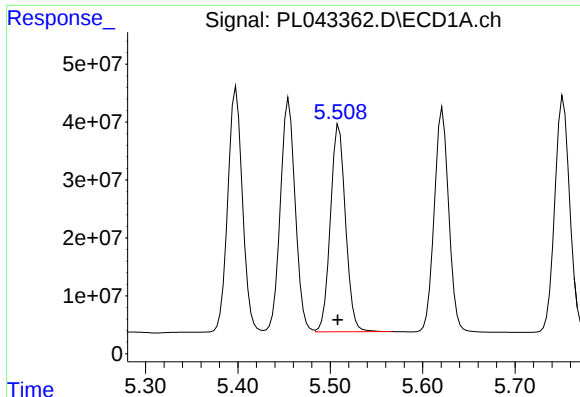
#8 Heptachlor epoxide

R.T.: 5.172 min
Delta R.T.: 0.001 min
Response: 463396214
Conc: 58.46 ng/ml



#8 Heptachlor epoxide

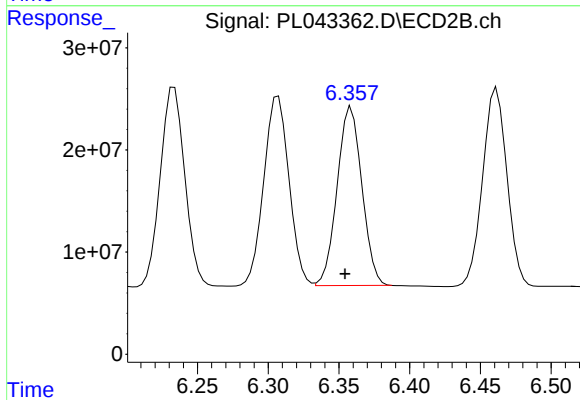
R.T.: 5.999 min
Delta R.T.: 0.004 min
Response: 236708455
Conc: 62.42 ng/ml



#9 Endosulfan I

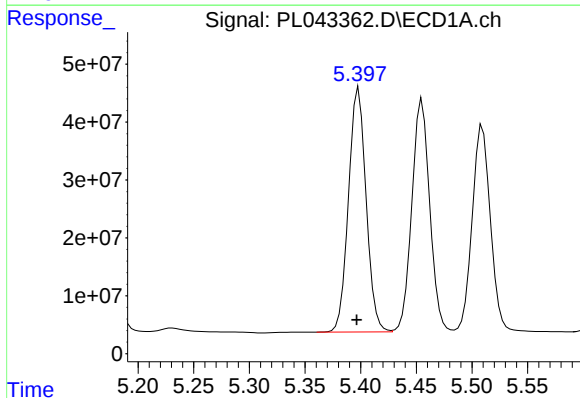
R.T.: 5.509 min
Delta R.T.: 0.001 min
Response: 406605591
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



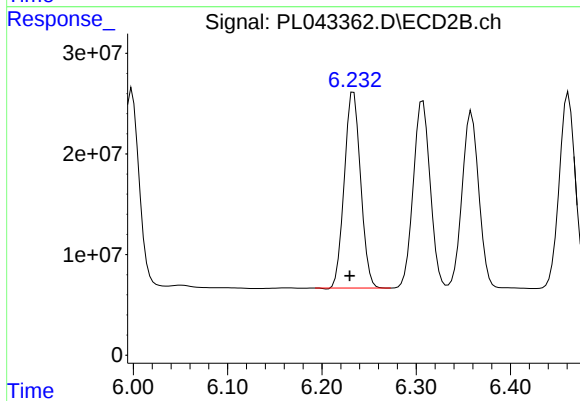
#9 Endosulfan I

R.T.: 6.359 min
Delta R.T.: 0.004 min
Response: 213486783
Conc: 62.88 ng/ml



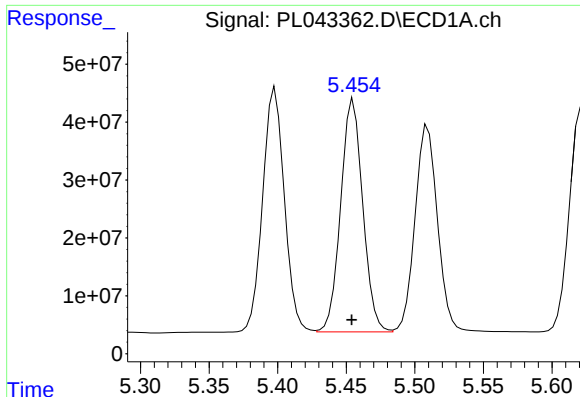
#10 gamma-Chlordane

R.T.: 5.398 min
Delta R.T.: 0.002 min
Response: 464867035
Conc: 57.66 ng/ml



#10 gamma-Chlordane

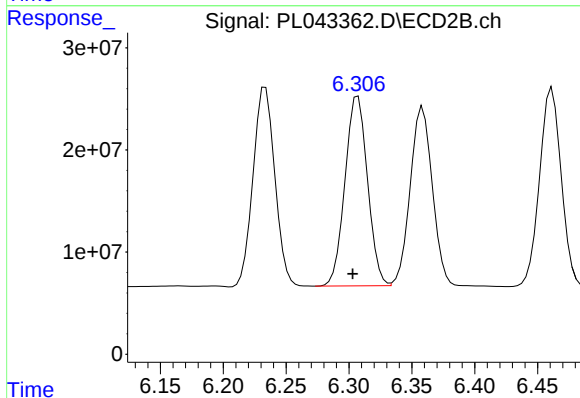
R.T.: 6.234 min
Delta R.T.: 0.004 min
Response: 233806564
Conc: 63.65 ng/ml



#11 alpha-Chlordane

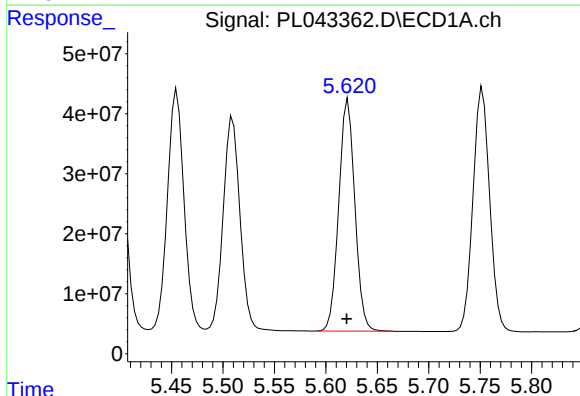
R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 450776607
Conc: 56.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



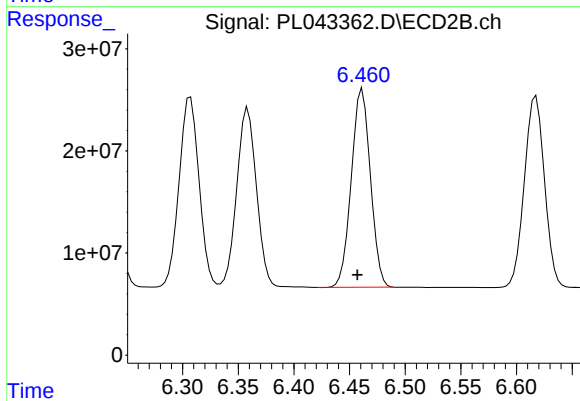
#11 alpha-Chlordane

R.T.: 6.307 min
Delta R.T.: 0.004 min
Response: 231584913
Conc: 64.39 ng/ml



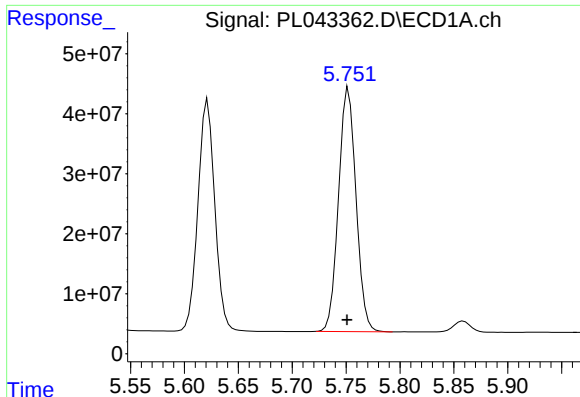
#12 4,4'-DDE

R.T.: 5.622 min
Delta R.T.: 0.001 min
Response: 420919261
Conc: 60.80 ng/ml



#12 4,4'-DDE

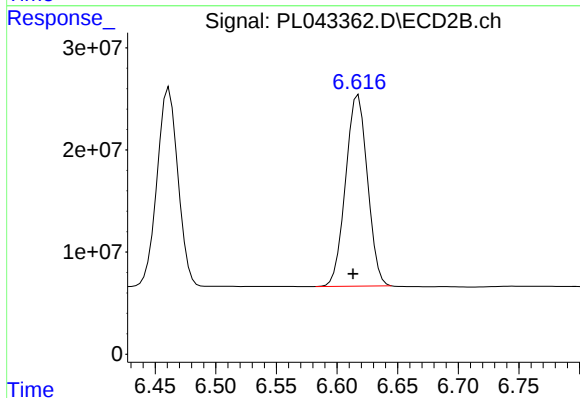
R.T.: 6.462 min
Delta R.T.: 0.004 min
Response: 232383413
Conc: 64.13 ng/ml



#13 Dieldrin

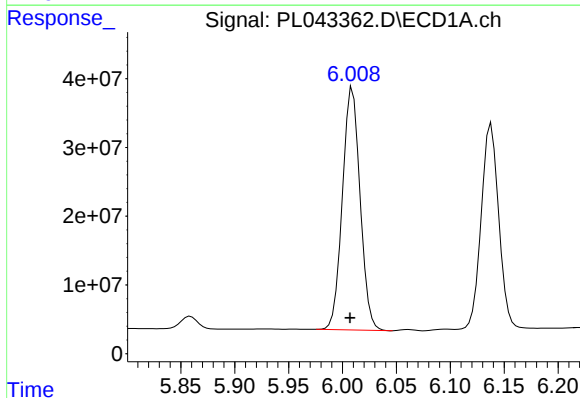
R.T.: 5.752 min
Delta R.T.: 0.001 min
Response: 459175810
Conc: 59.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



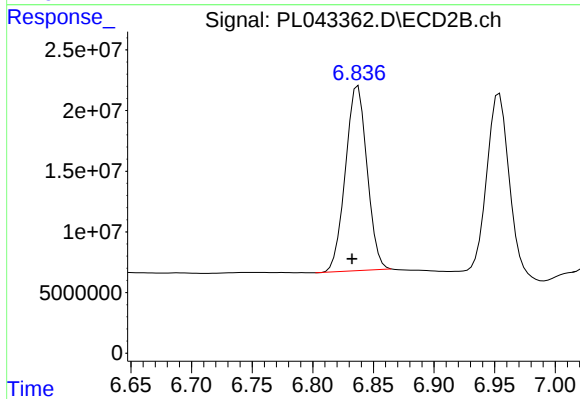
#13 Dieldrin

R.T.: 6.618 min
Delta R.T.: 0.004 min
Response: 234934861
Conc: 64.80 ng/ml



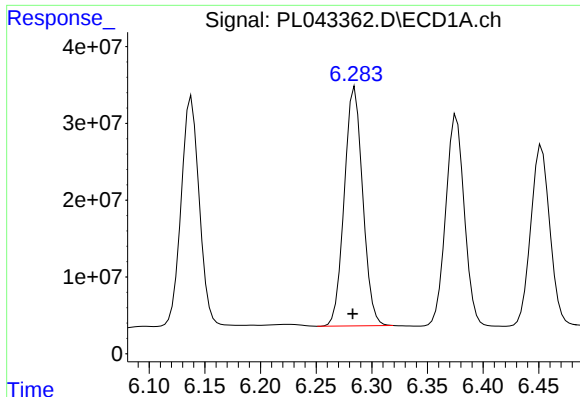
#14 Endrin

R.T.: 6.009 min
Delta R.T.: 0.002 min
Response: 403242883
Conc: 56.00 ng/ml



#14 Endrin

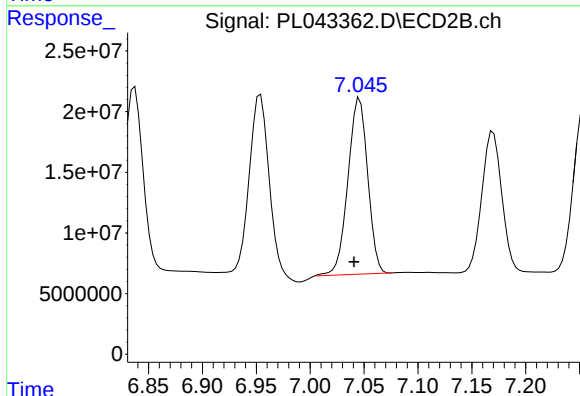
R.T.: 6.837 min
Delta R.T.: 0.005 min
Response: 189201253
Conc: 60.60 ng/ml



#15 Endosulfan II

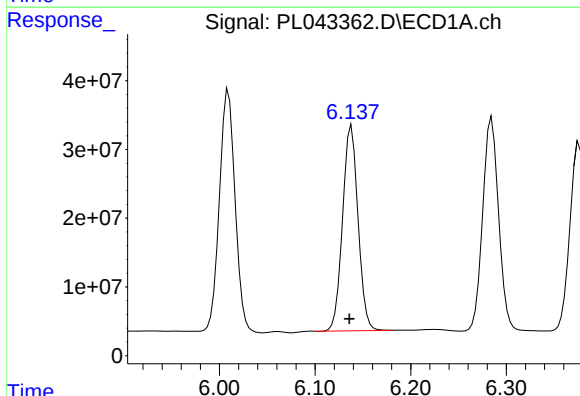
R.T.: 6.285 min
Delta R.T.: 0.002 min
Response: 358259470
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



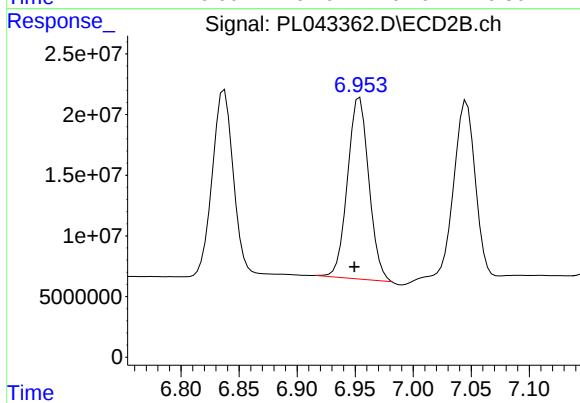
#15 Endosulfan II

R.T.: 7.046 min
Delta R.T.: 0.005 min
Response: 186043557
Conc: 61.44 ng/ml



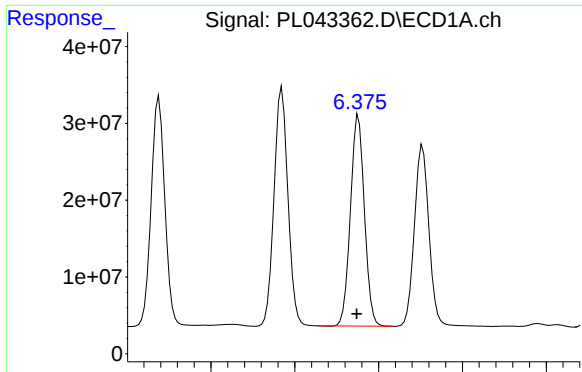
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: 0.002 min
Response: 336527170
Conc: 59.34 ng/ml



#16 4,4'-DDD

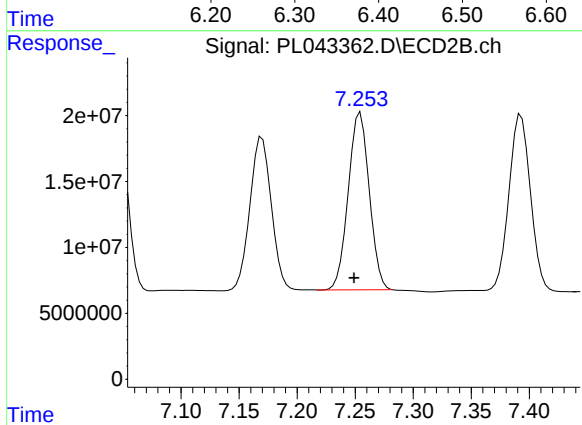
R.T.: 6.954 min
Delta R.T.: 0.005 min
Response: 190593076
Conc: 64.99 ng/ml



#17 4,4'-DDT

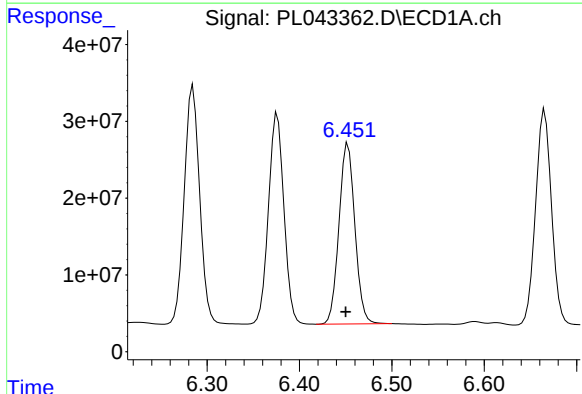
R.T.: 6.376 min
Delta R.T.: 0.002 min
Response: 318404111
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



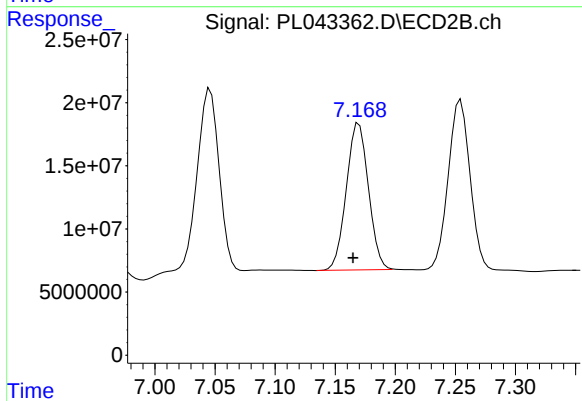
#17 4,4'-DDT

R.T.: 7.255 min
Delta R.T.: 0.005 min
Response: 169591244
Conc: 57.74 ng/ml



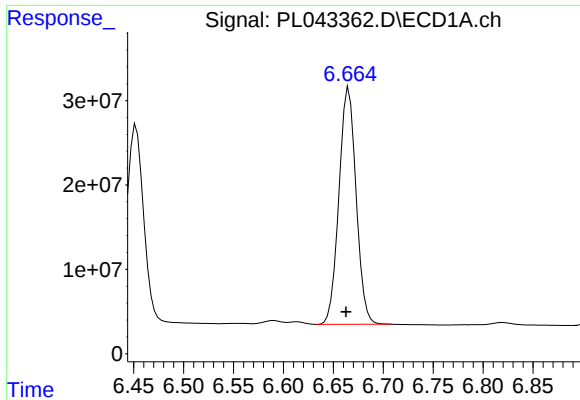
#18 Endrin aldehyde

R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 281945201
Conc: 51.16 ng/ml



#18 Endrin aldehyde

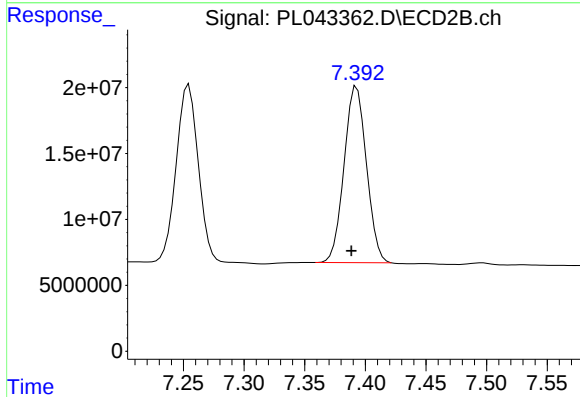
R.T.: 7.170 min
Delta R.T.: 0.005 min
Response: 149180200
Conc: 59.47 ng/ml



#19 Endosulfan Sulfate

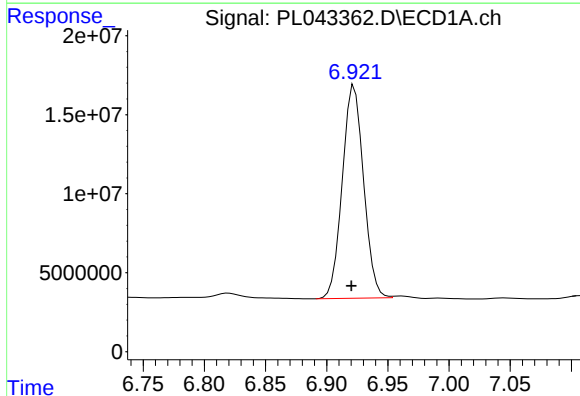
R.T.: 6.666 min
Delta R.T.: 0.003 min
Response: 336004901
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



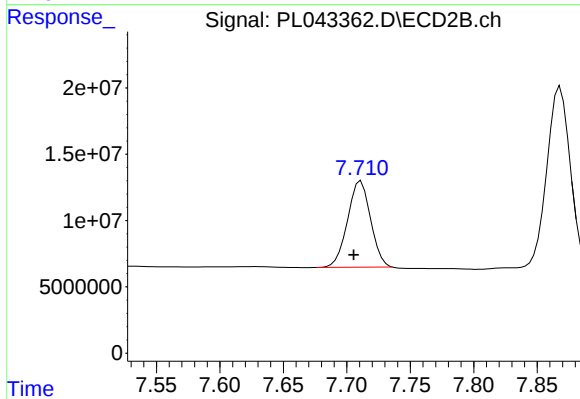
#19 Endosulfan Sulfate

R.T.: 7.393 min
Delta R.T.: 0.004 min
Response: 171805238
Conc: 57.14 ng/ml



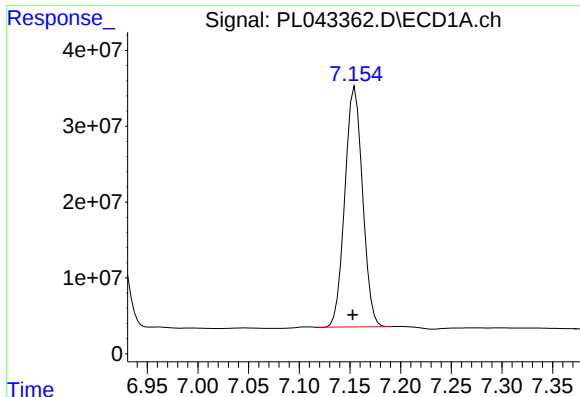
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: 0.002 min
Response: 163213921
Conc: 48.64 ng/ml



#20 Methoxychlor

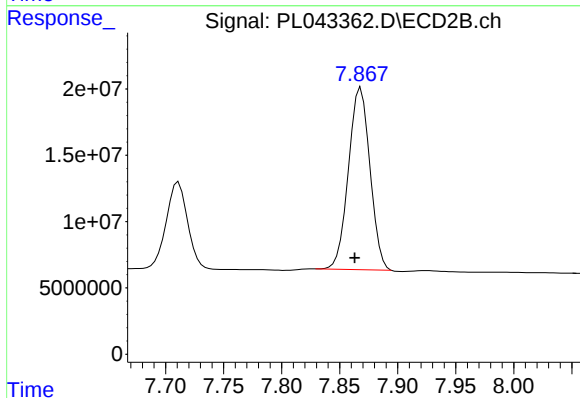
R.T.: 7.711 min
Delta R.T.: 0.006 min
Response: 82192995
Conc: 54.49 ng/ml



#21 Endrin ketone

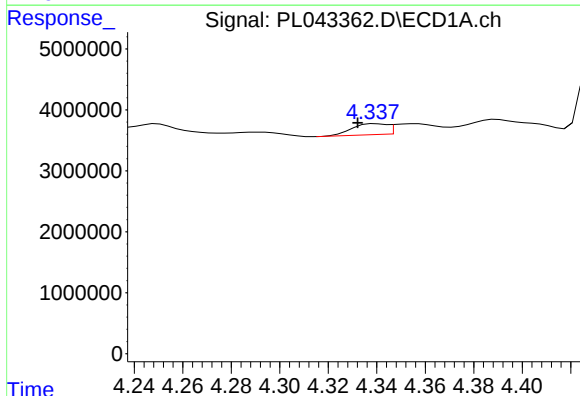
R.T.: 7.155 min
Delta R.T.: 0.002 min
Response: 384055918
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



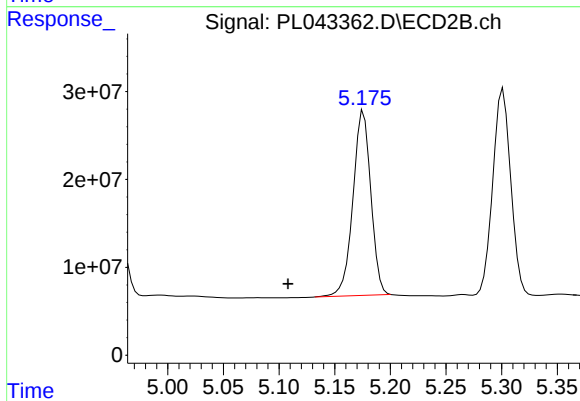
#21 Endrin ketone

R.T.: 7.868 min
Delta R.T.: 0.005 min
Response: 176828466
Conc: 57.85 ng/ml



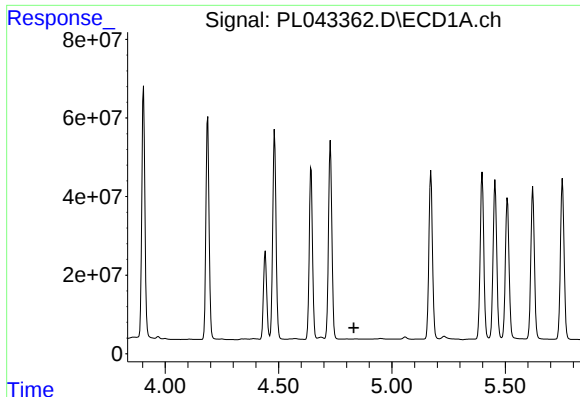
#23 Chlordane-1

R.T.: 4.339 min
Delta R.T.: 0.007 min
Response: 1813438
Conc: 6.75 ng/ml



#23 Chlordane-1

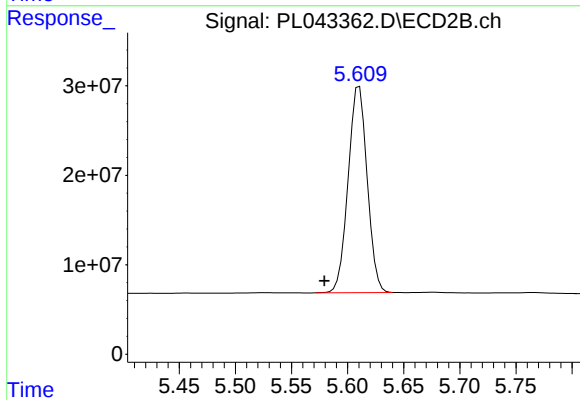
R.T.: 5.176 min
Delta R.T.: 0.068 min
Response: 235701989
Conc: 1667.71 ng/ml



#24 Chlordane-2

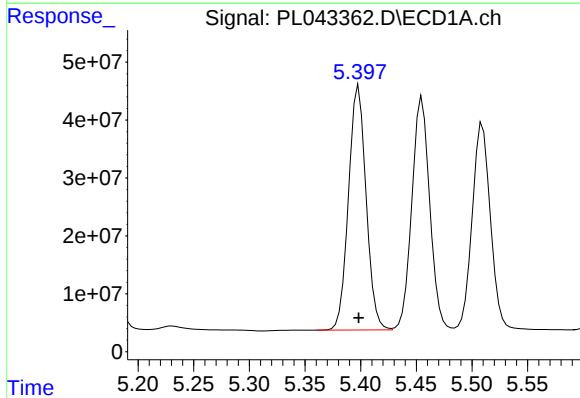
R.T.: 0.000 min
Exp R.T.: 4.832 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



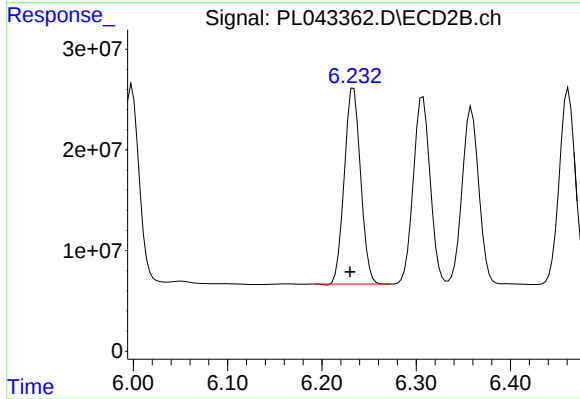
#24 Chlordane-2

R.T.: 5.610 min
Delta R.T.: 0.031 min
Response: 272098176
Conc: 1896.92 ng/ml



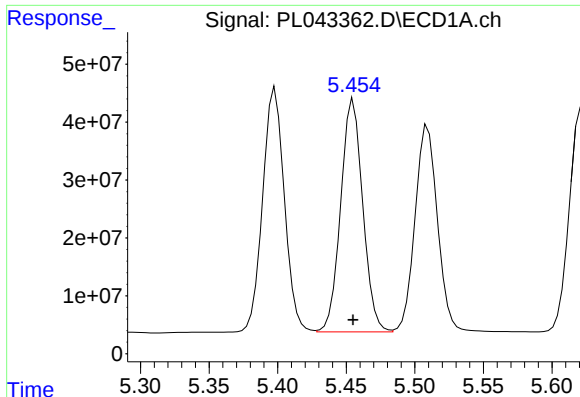
#25 Chlordane-3

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 464867035
Conc: 559.38 ng/ml



#25 Chlordane-3

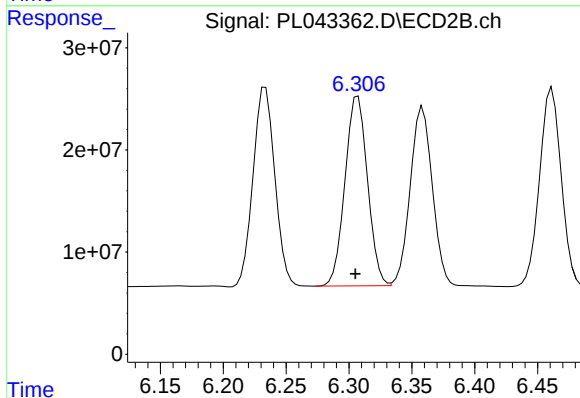
R.T.: 6.234 min
Delta R.T.: 0.003 min
Response: 233806564
Conc: 476.11 ng/ml



#26 Chlordane-4

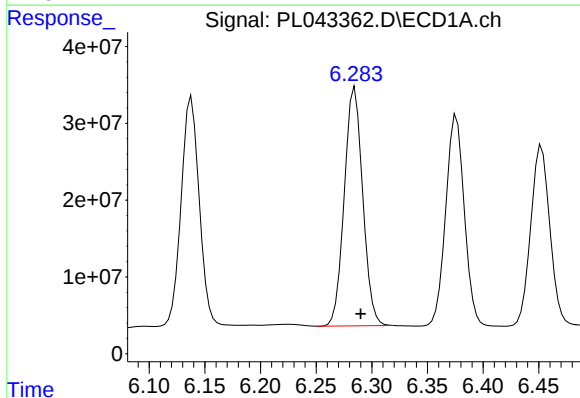
R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 450776607
Conc: 596.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



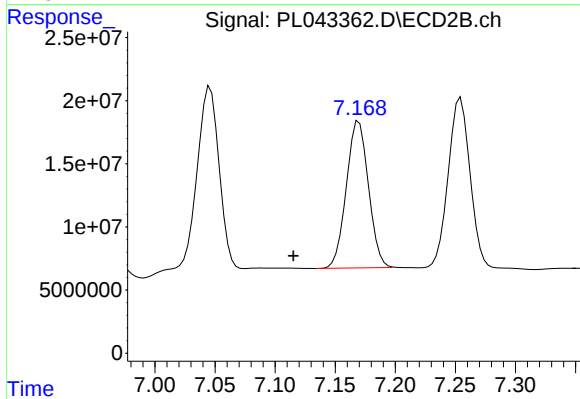
#26 Chlordane-4

R.T.: 6.307 min
Delta R.T.: 0.002 min
Response: 231584913
Conc: 405.76 ng/ml



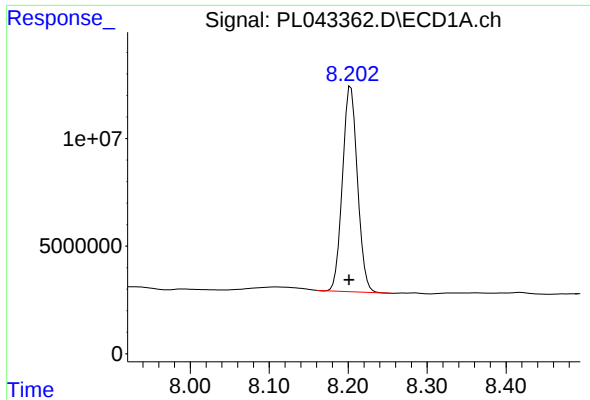
#27 Chlordane-5

R.T.: 6.285 min
Delta R.T.: -0.005 min
Response: 358259470
Conc: 1493.65 ng/ml



#27 Chlordane-5

R.T.: 7.170 min
Delta R.T.: 0.055 min
Response: 149180200
Conc: 1272.44 ng/ml



#28 Decachlorobiphenyl

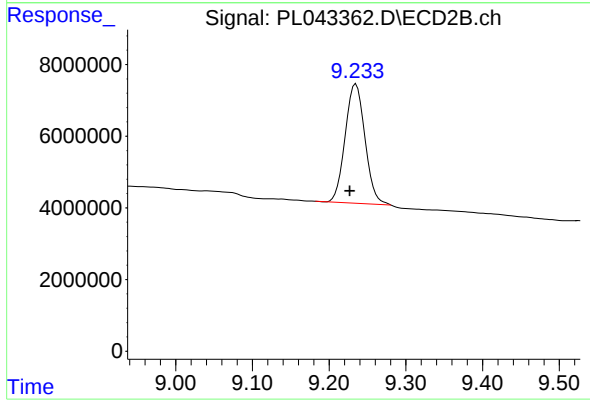
R.T.: 8.203 min

Delta R.T.: 0.002 min

Response: 125814264

Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMSD



#28 Decachlorobiphenyl

R.T.: 9.235 min

Delta R.T.: 0.008 min

Response: 59948031

Conc: 22.98 ng/ml