

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 17:38
 Operator : AR\AJ
 Sample : P2283-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXCAV-SOIL-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 21:51:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.797	33540170	21339188	16.656	16.632
28)	SA Decachlor...	9.062	7.947	18475243	17771109	13.206	13.211
Target Compounds							
2)	A alpha-BHC	4.006	3.302	130.6E6	93913117	45.807	49.771
3)	MA gamma-BHC...	4.338	3.632	120.8E6	87402596	43.398	47.366
4)	MA Heptachlor	4.928	3.975	110.2E6	84235263	44.444	48.071
5)	MB Aldrin	5.270	4.256	106.0E6	80337198	41.268	45.444
6)	B beta-BHC	4.531	3.930	55004378	38642696	43.600m	47.330
7)	B delta-BHC	4.780	4.161	112.4E6	82147244	42.396	45.658
8)	B Heptachlo...	5.695	4.757	98631737	74306886	42.052	45.960m
9)	A Endosulfan I	6.080	5.129	93832522	69048127	43.647	46.103
10)	B gamma-Chl...	5.951	5.009	100.8E6	77664330	44.105	47.329
11)	B alpha-Chl...	6.030	5.073	98988781	76914804	43.517	46.638
12)	B 4,4'-DDE	6.202	5.262	91171364	74784208	45.059	51.434
13)	MA Dieldrin	6.354	5.393	95597774	76543808	42.707m	47.581
14)	MA Endrin	6.584	5.669	83254958	69276165	43.949	48.186
15)	B Endosulfa...	6.802	5.962	86240105	66681033	43.211	46.360
16)	A 4,4'-DDD	6.718	5.816	87982432	69061606	52.153	56.000
17)	MA 4,4'-DDT	7.032	6.067	87766290	68334322	47.726	50.506
18)	B Endrin al...	6.933	6.141	65007826	48802124	42.986	43.874
19)	B Endosulfa...	7.166	6.364	80453566	65449620	44.477	47.182
20)	A Methoxychlor	7.506	6.642	43318280	36893617	44.049	46.141
21)	B Endrin ke...	7.651	6.871	94484122	75746702	47.203	47.371
22)	Mirex	8.126	7.053	70277209	62548735	45.220	45.849

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 17:38
Operator : AR\AJ
Sample : P2283-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

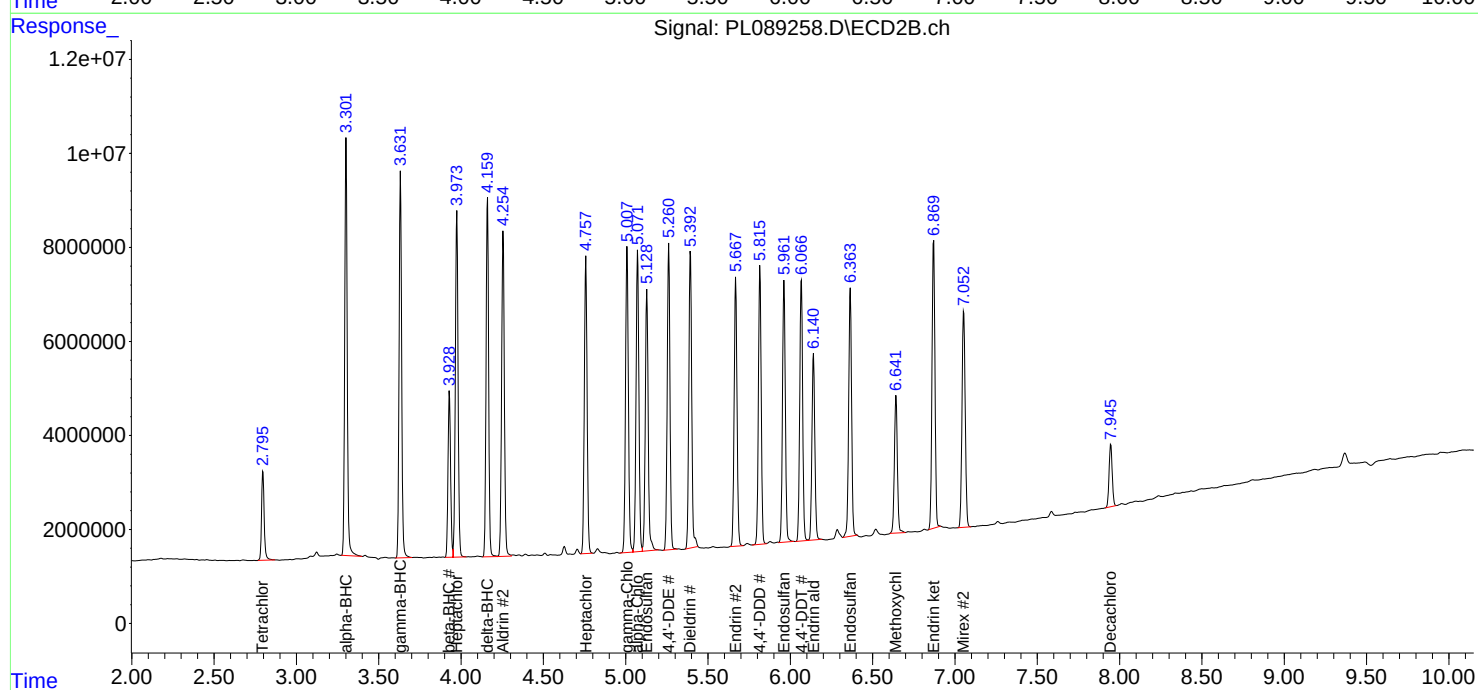
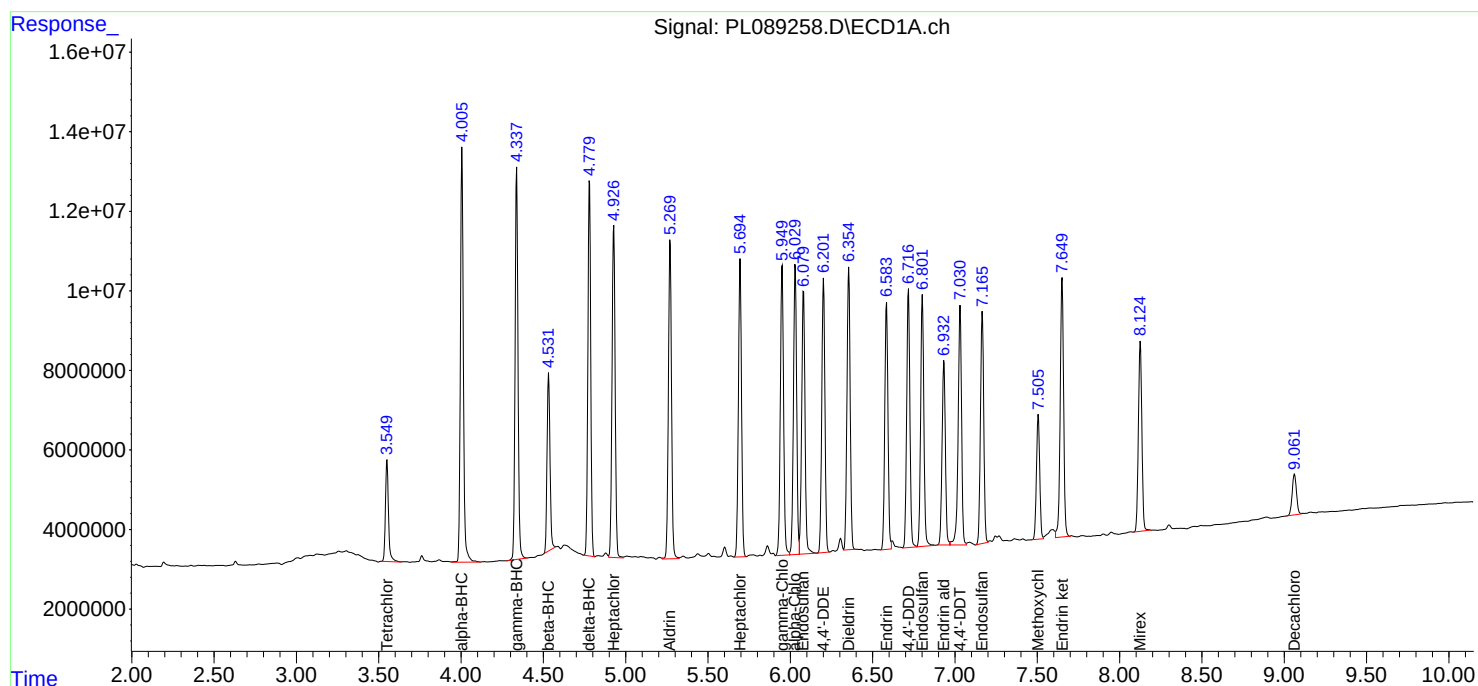
Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

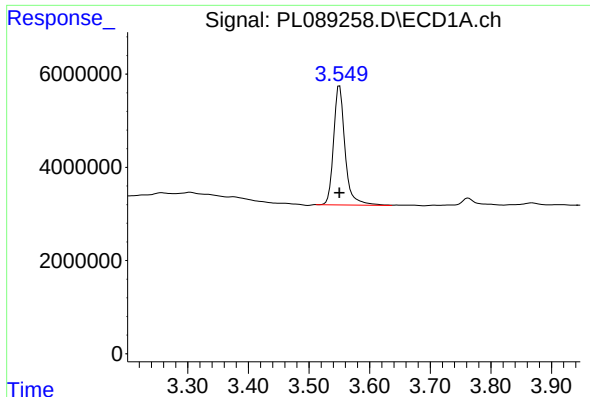
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:51:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
Response via : Initial Calibration
Integrator: ChemStation

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





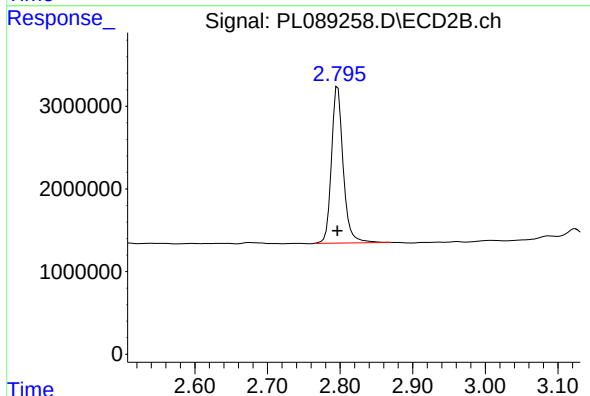
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 33540170
Conc: 16.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

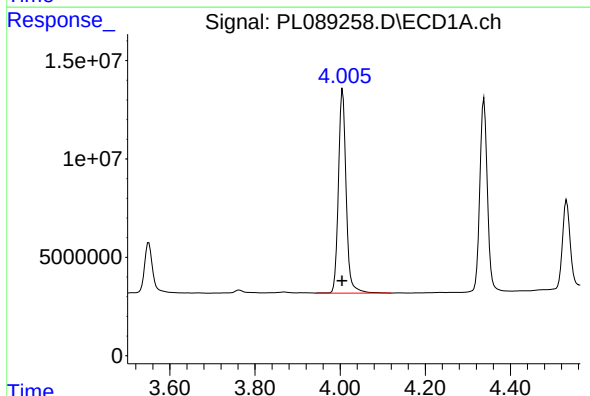
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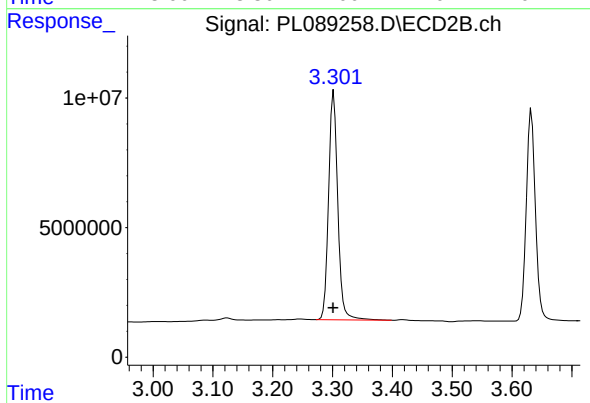
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 21339188
Conc: 16.63 ng/ml



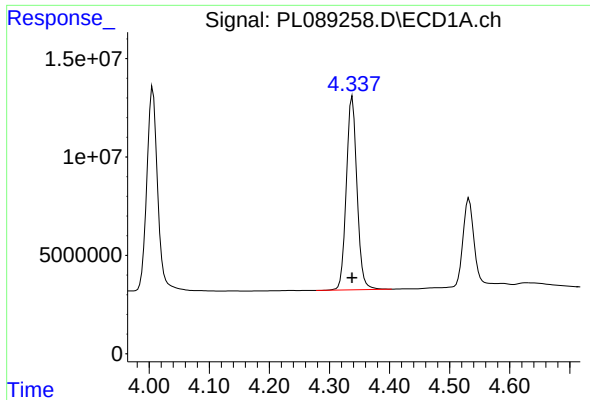
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 130632231
Conc: 45.81 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 93913117
Conc: 49.77 ng/ml



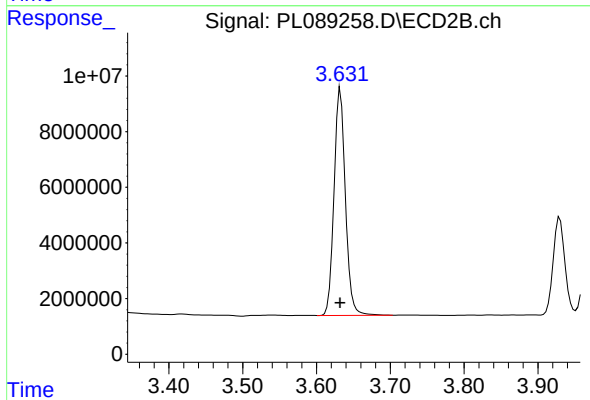
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 120818309
Conc: 43.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

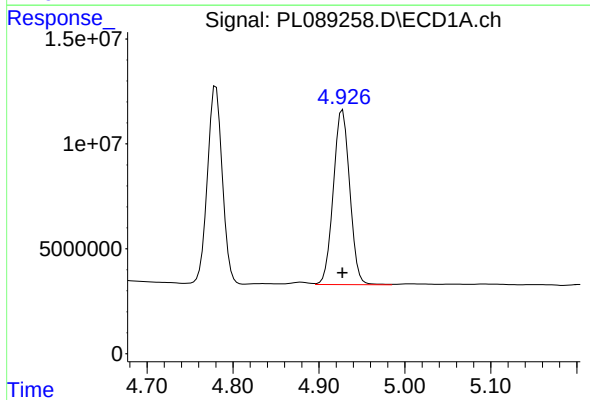
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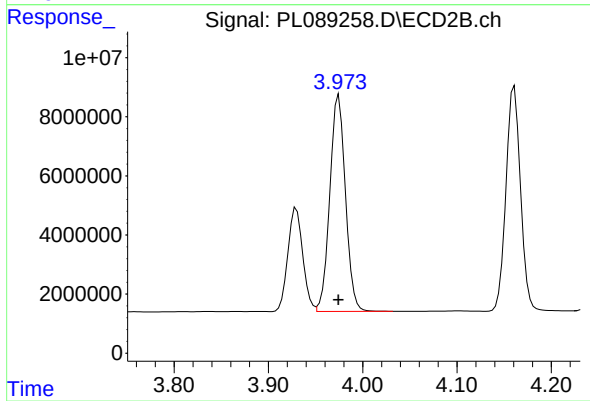
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 87402596
Conc: 47.37 ng/ml



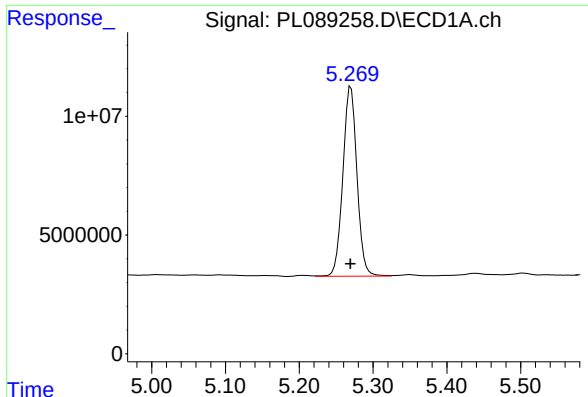
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 110224654
Conc: 44.44 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 84235263
Conc: 48.07 ng/ml



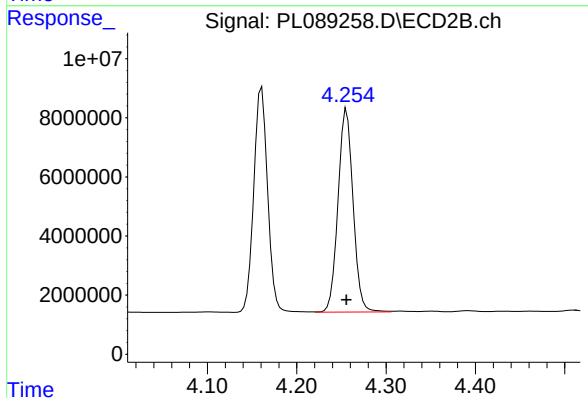
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 105985739
Conc: 41.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

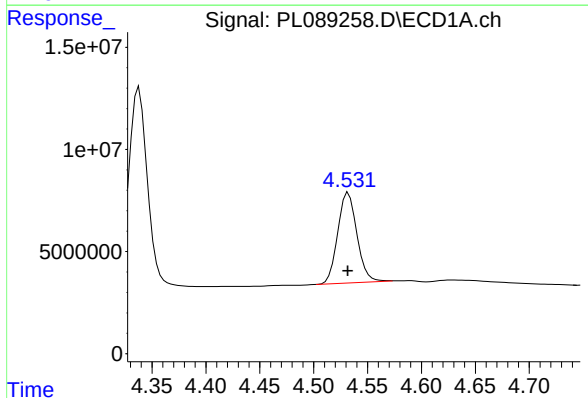
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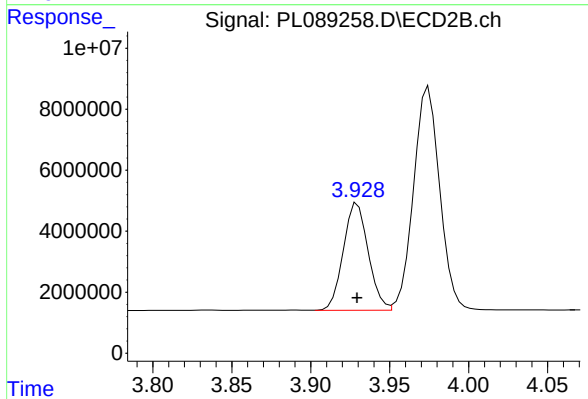
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 80337198
Conc: 45.44 ng/ml



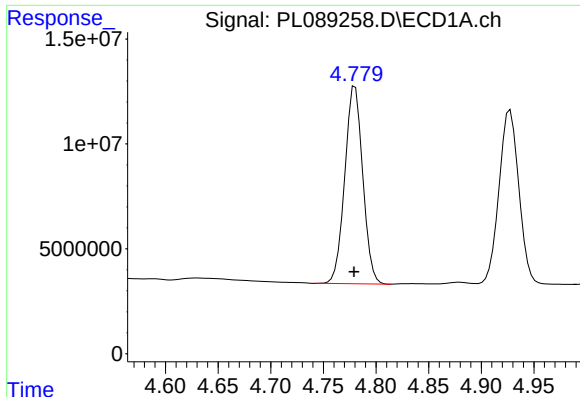
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 55004378
Conc: 43.60 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 38642696
Conc: 47.33 ng/ml



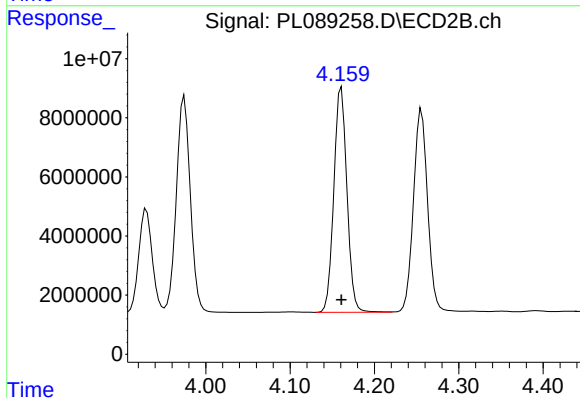
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 112437153
Conc: 42.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

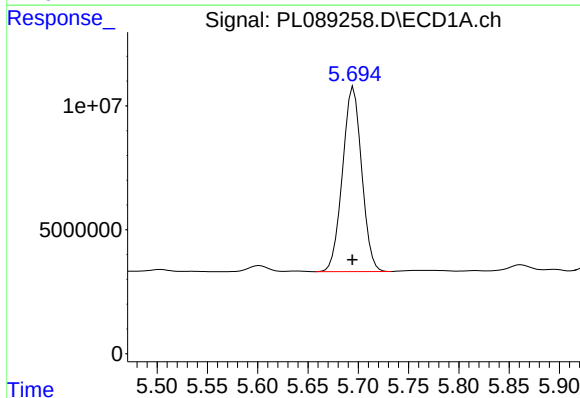
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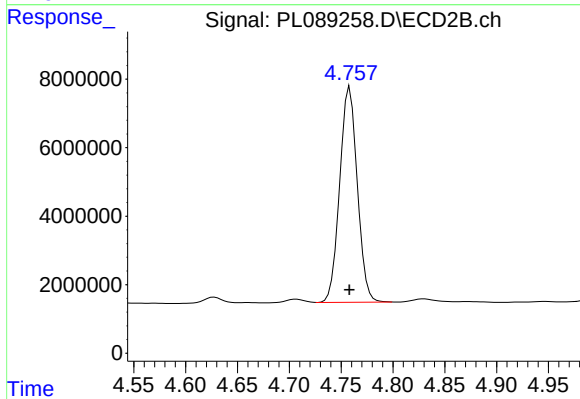
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 82147244
Conc: 45.66 ng/ml



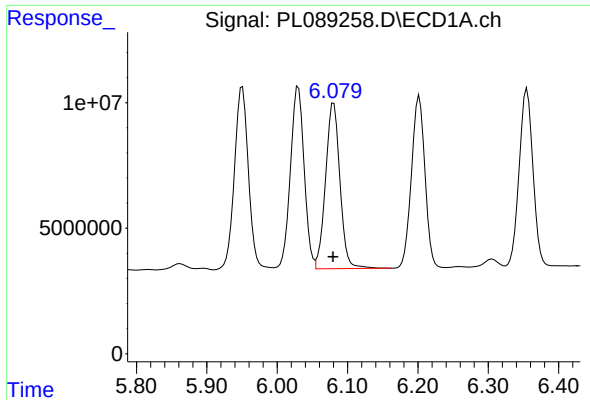
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 98631737
Conc: 42.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 74306886
Conc: 45.96 ng/ml m



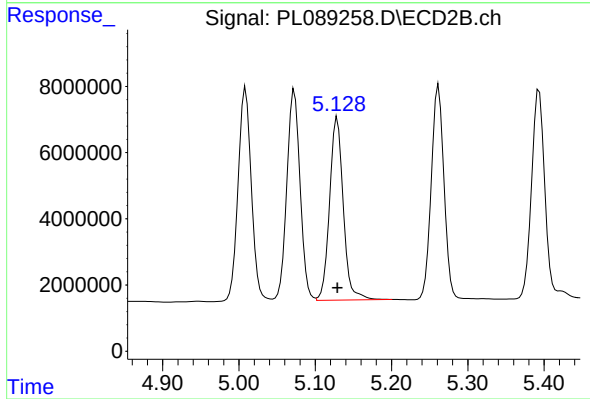
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 93832522
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

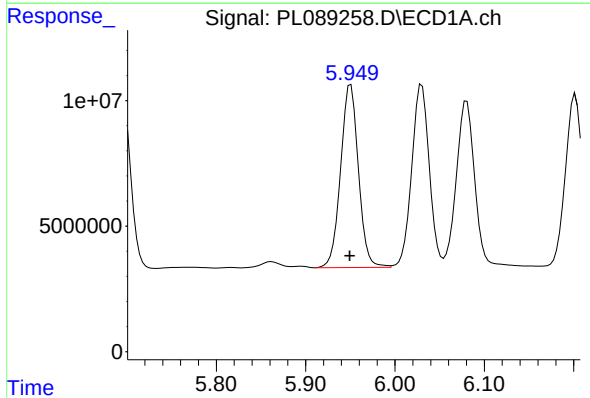
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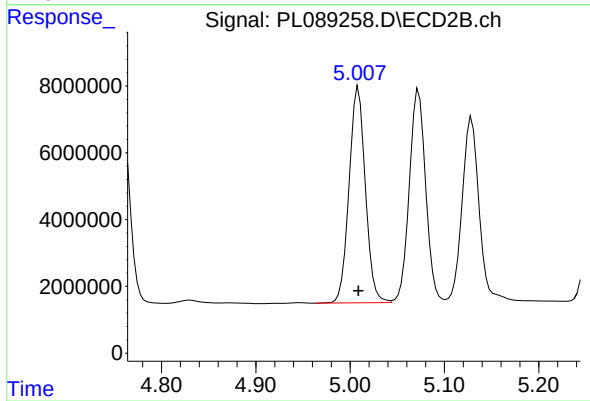
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 69048127
Conc: 46.10 ng/ml



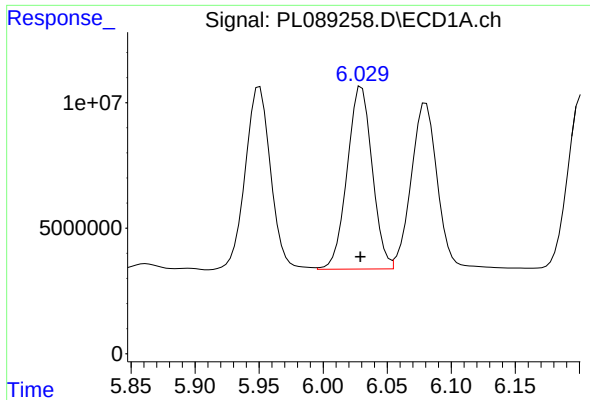
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.001 min
Response: 100820760
Conc: 44.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 77664330
Conc: 47.33 ng/ml



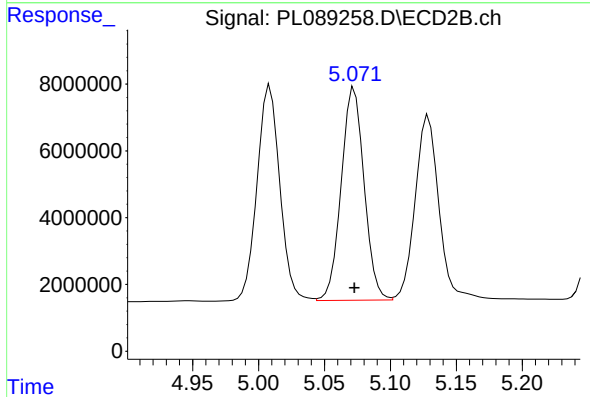
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 98988781
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

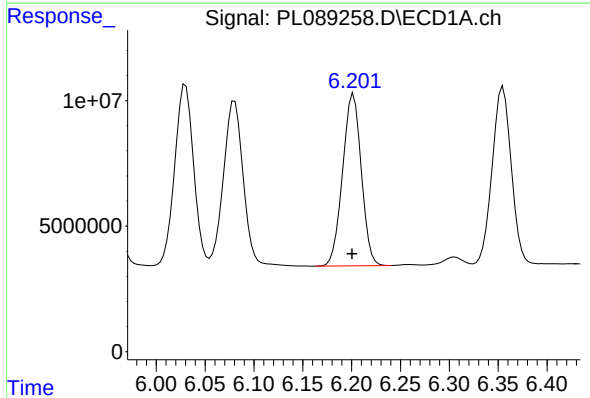
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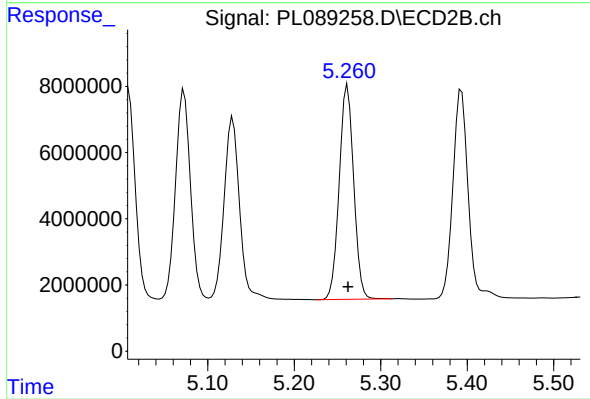
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 76914804
Conc: 46.64 ng/ml



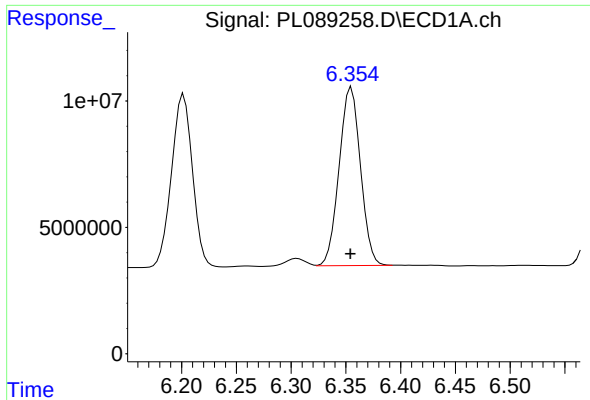
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 91171364
Conc: 45.06 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 74784208
Conc: 51.43 ng/ml



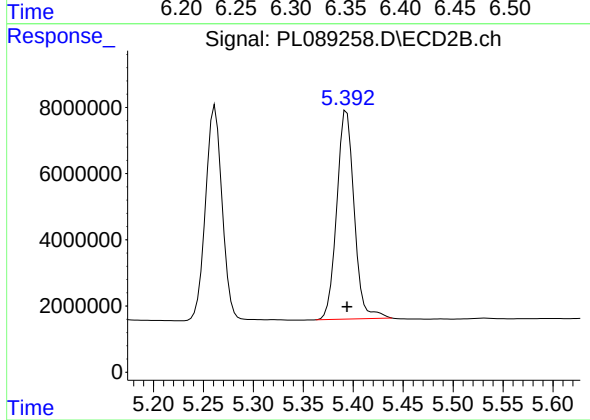
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 95597774
Conc: 42.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
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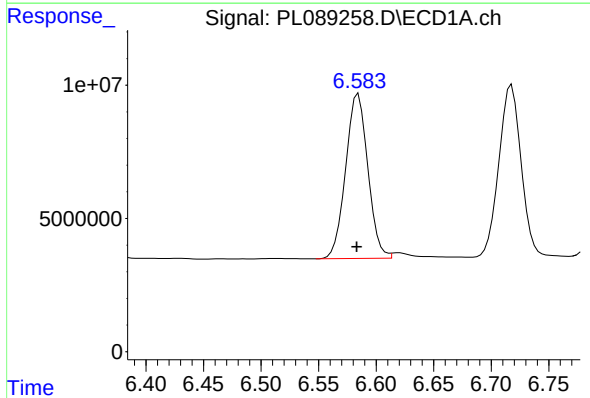
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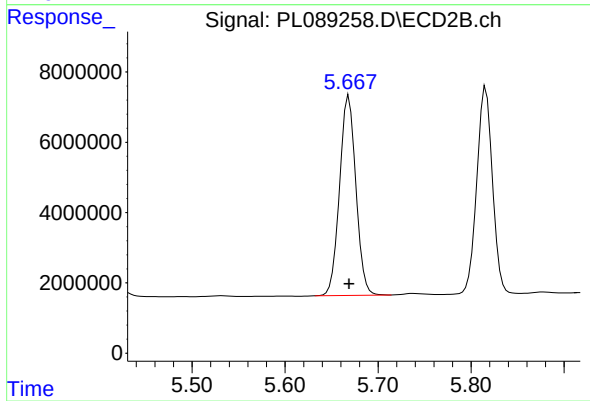
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 76543808
Conc: 47.58 ng/ml



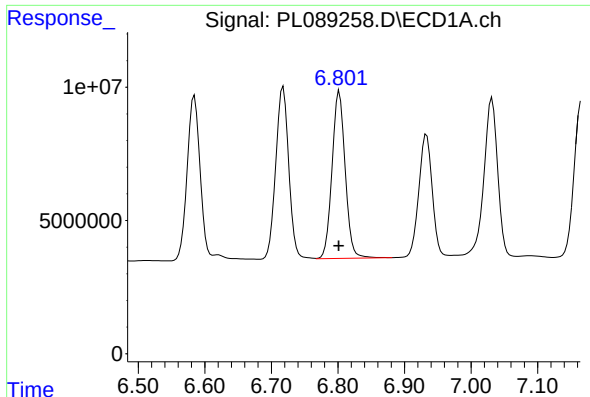
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 83254958
Conc: 43.95 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 69276165
Conc: 48.19 ng/ml



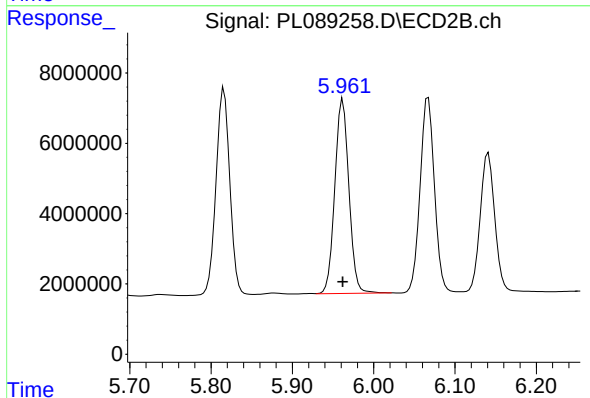
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 86240105
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

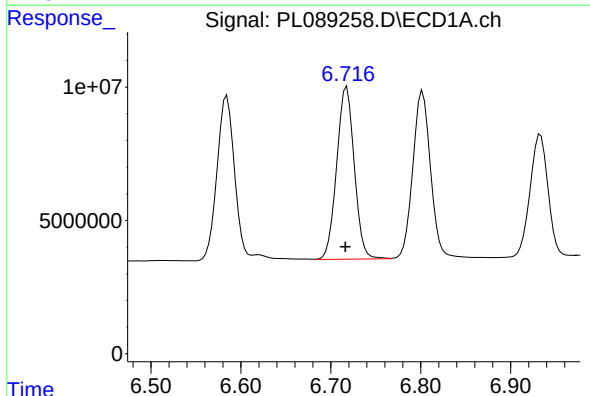
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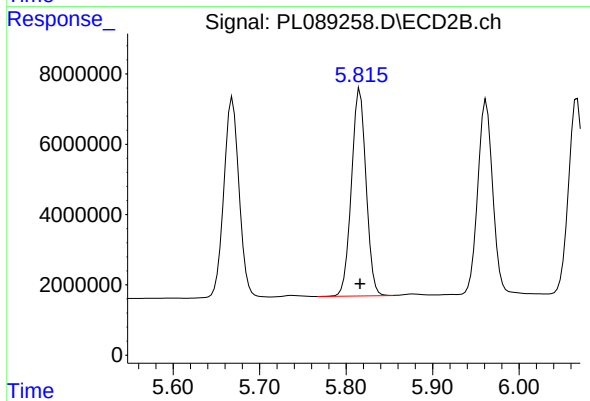
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 66681033
Conc: 46.36 ng/ml



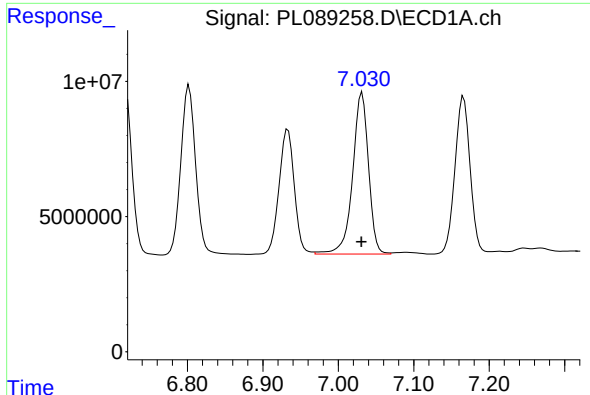
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 87982432
Conc: 52.15 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 69061606
Conc: 56.00 ng/ml



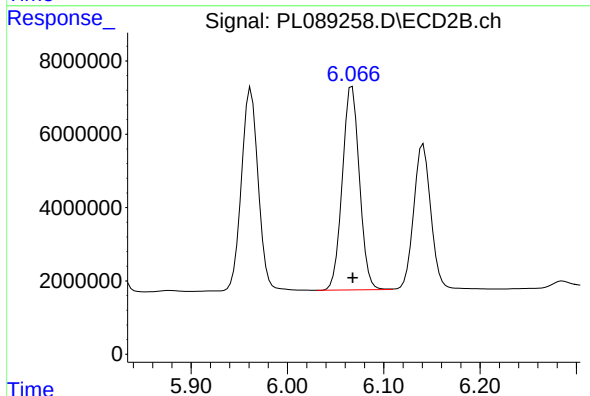
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 87766290
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

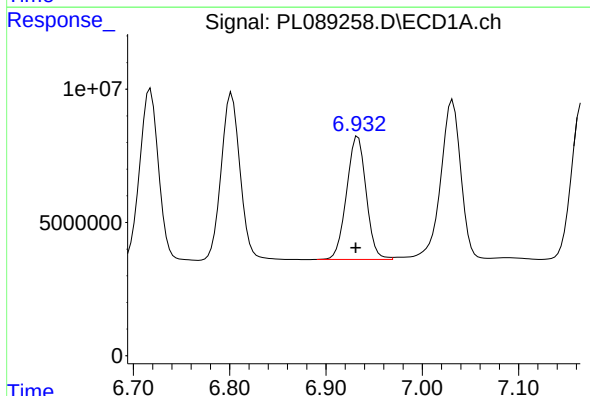
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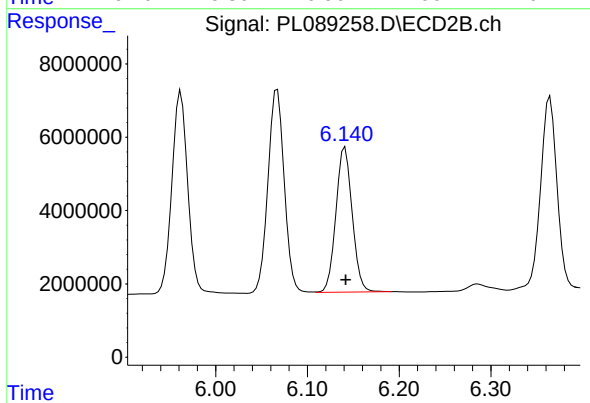
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 68334322
Conc: 50.51 ng/ml



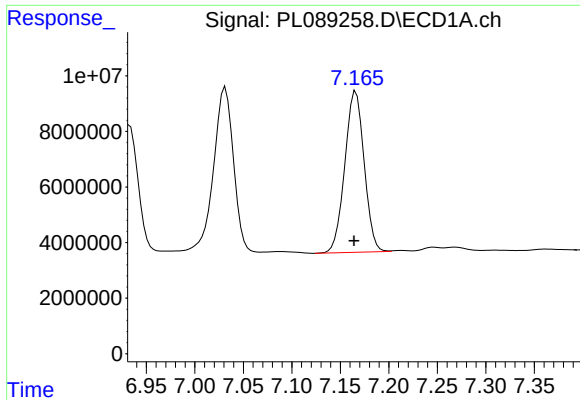
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 65007826
Conc: 42.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 48802124
Conc: 43.87 ng/ml



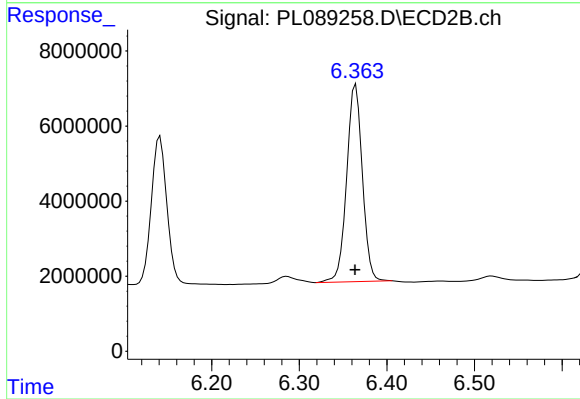
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 80453566
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

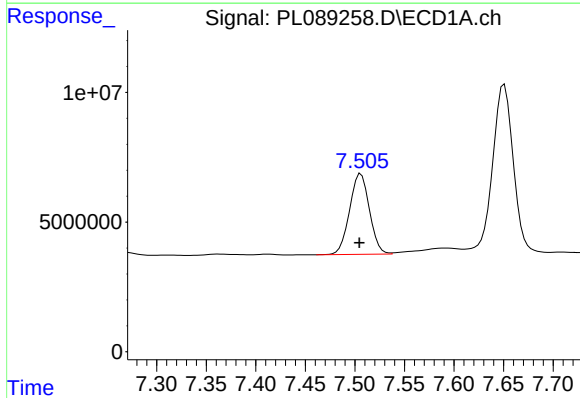
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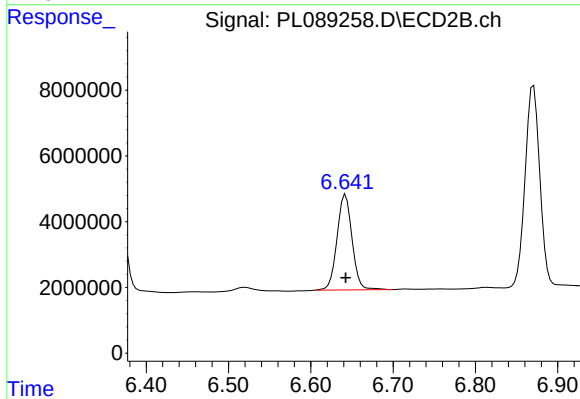
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 65449620
Conc: 47.18 ng/ml



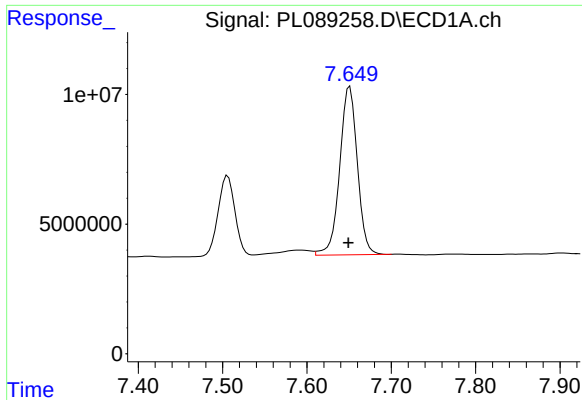
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 43318280
Conc: 44.05 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 36893617
Conc: 46.14 ng/ml



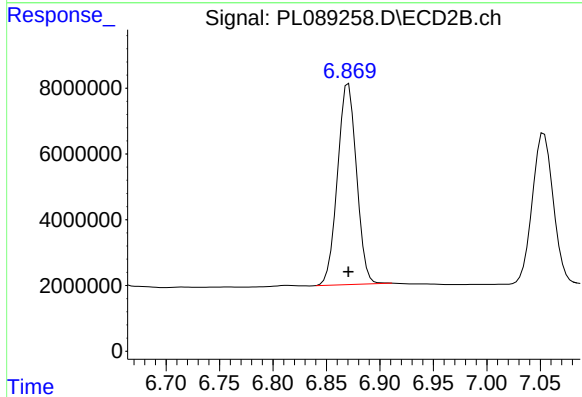
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 94484122
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

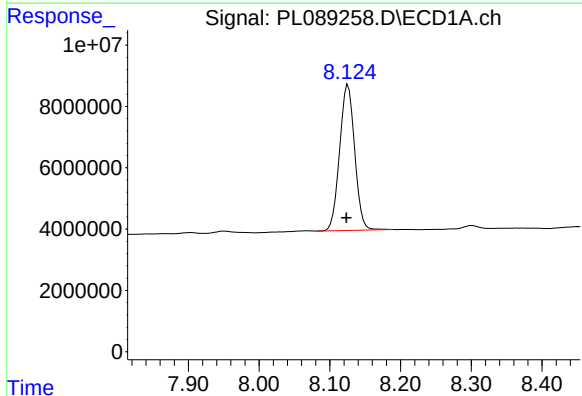
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Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



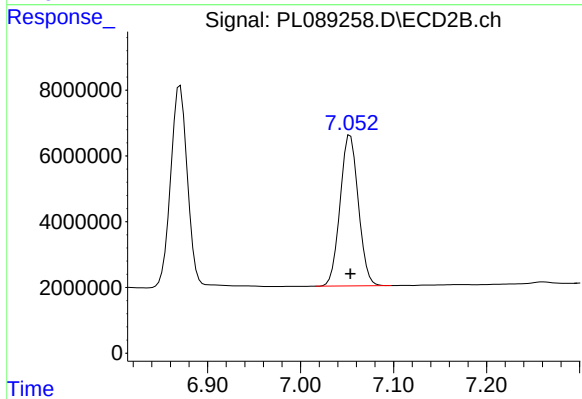
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 75746702
Conc: 47.37 ng/ml



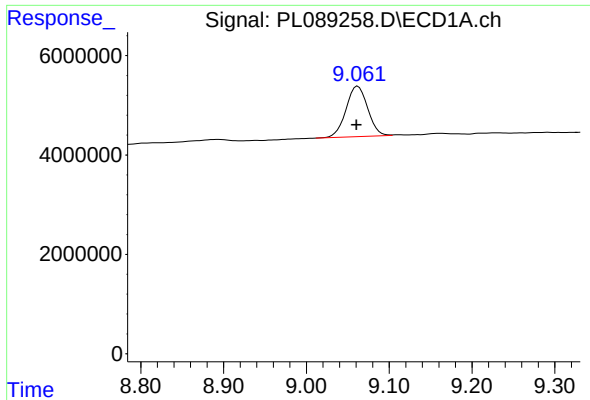
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 70277209
Conc: 45.22 ng/ml



#22 Mirex

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 62548735
Conc: 45.85 ng/ml



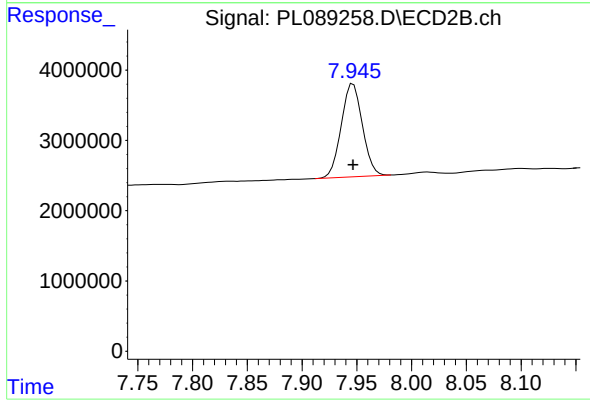
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 18475243
Conc: 13.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 17771109
Conc: 13.21 ng/ml