

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 17:51
 Operator : AR\AJ
 Sample : P2283-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXCAV-SOIL-1MSD

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 21:52:23 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...	3.551	2.797	33488919	21371199	16.631	16.657
28)	SA Decachlor...	9.062	7.946	17824577	17628953	12.741	13.105
Target Compounds							
2)	A alpha-BHC	4.006	3.302	127.4E6	92021010	44.681	48.769
3)	MA gamma-BHC...	4.338	3.632	118.3E6	85846999	42.501	46.523
4)	MA Heptachlor	4.928	3.974	110.1E6	83655716	44.380	47.740
5)	MB Aldrin	5.269	4.255	104.4E6	79295835	40.638	44.855
6)	B beta-BHC	4.531	3.929	54537727	37941624	43.231m	46.471
7)	B delta-BHC	4.780	4.160	110.0E6	80510399	41.467	44.748
8)	B Heptachlo...	5.695	4.757	97110955	73101252	41.404	45.214m
9)	A Endosulfan I	6.080	5.128	91885020	68060985	42.741	45.444
10)	B gamma-Chl...	5.950	5.008	98906351	76336132	43.268	46.520
11)	B alpha-Chl...	6.030	5.072	97390315	75511547	42.814	45.787
12)	B 4,4'-DDE	6.202	5.261	89125555	73637091	44.048	50.645
13)	MA Dieldrin	6.353	5.393	93242695	75117904	41.655m	46.694
14)	MA Endrin	6.584	5.669	81532375	67876408	43.040	47.213
15)	B Endosulfa...	6.802	5.962	84184940	65876833	42.181	45.801
16)	A 4,4'-DDD	6.717	5.815	85752427	67946396	50.831	55.096
17)	MA 4,4'-DDT	7.031	6.067	86015920	67097818	46.774	49.592
18)	B Endrin al...	6.932	6.141	63338085	47833587	41.882	43.004
19)	B Endosulfa...	7.165	6.364	78266613	64449240	43.268	46.461
20)	A Methoxychlor	7.505	6.642	41891185	36116427	42.598	45.169
21)	B Endrin ke...	7.650	6.870	92060446	73955188	45.993	46.251
22)	Mirex	8.125	7.054	68584593	61390323	44.131	45.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 17:51
Operator : AR\AJ
Sample : P2283-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

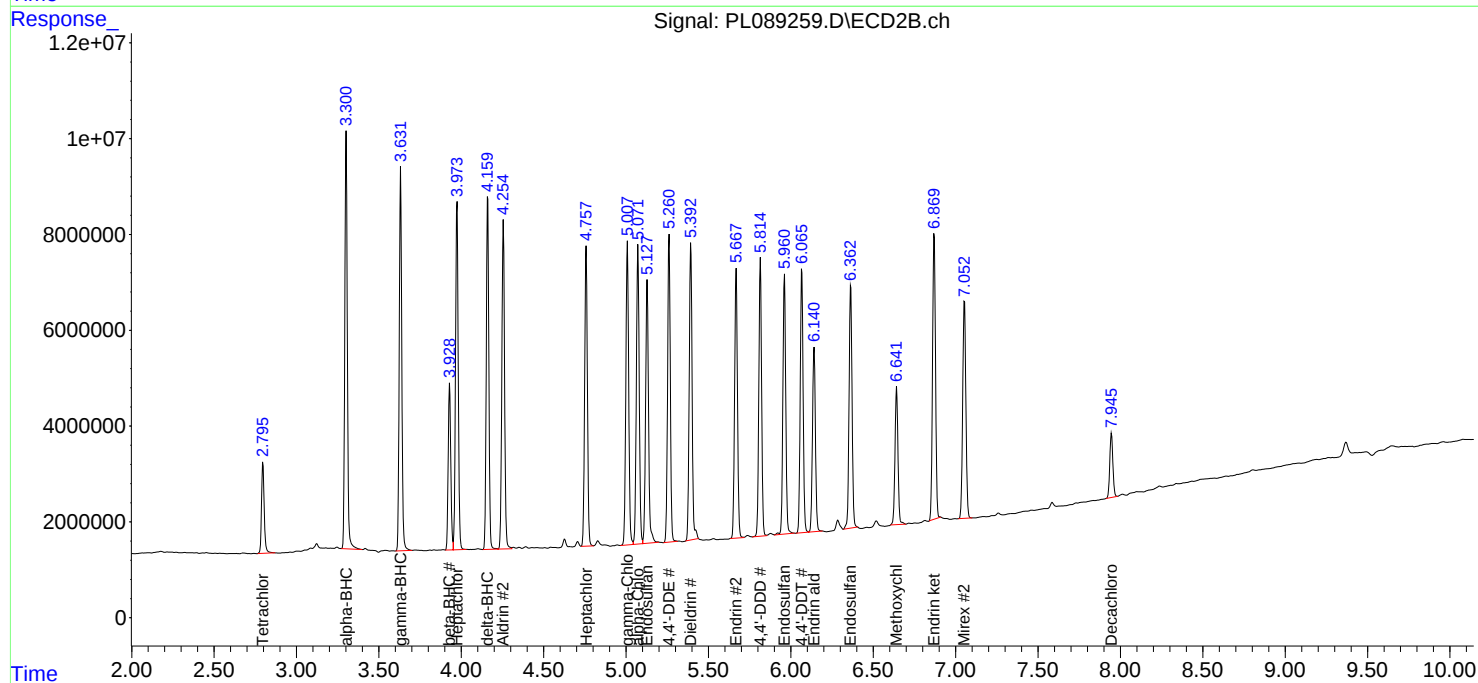
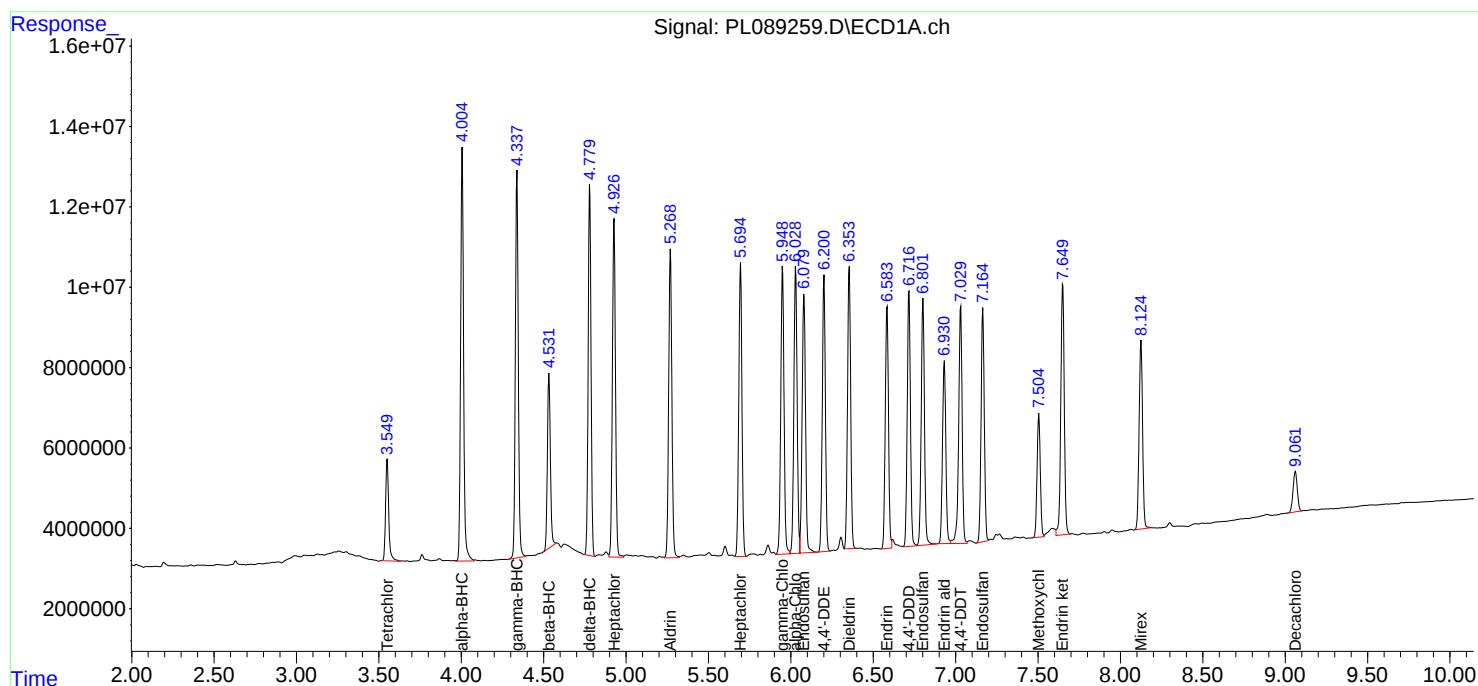
Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

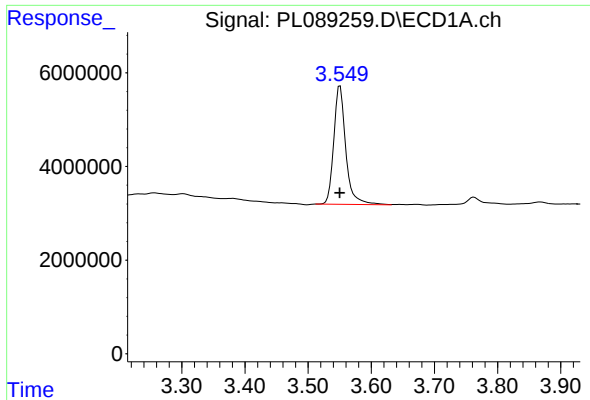
Manual Integrations
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Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:52:23 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
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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





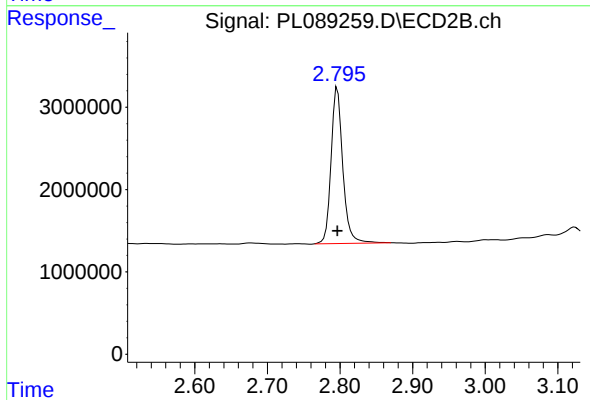
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 33488919
Conc: 16.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

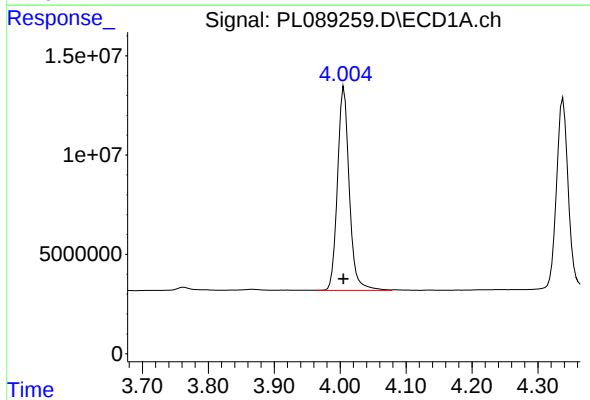
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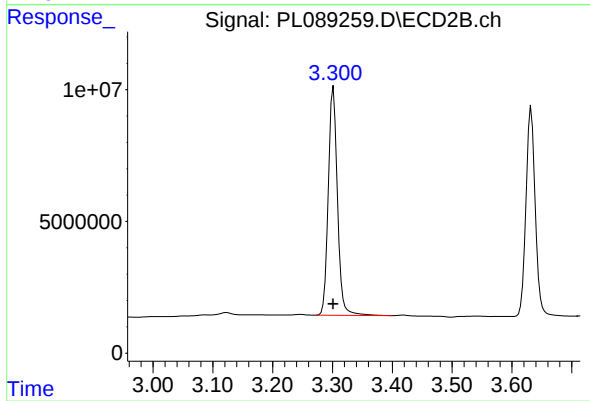
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 21371199
Conc: 16.66 ng/ml



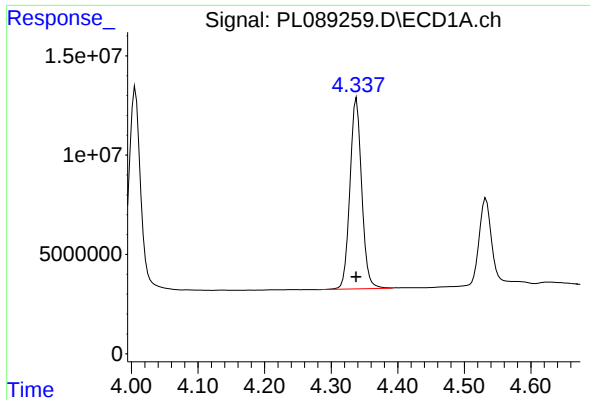
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 127420338
Conc: 44.68 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 92021010
Conc: 48.77 ng/ml



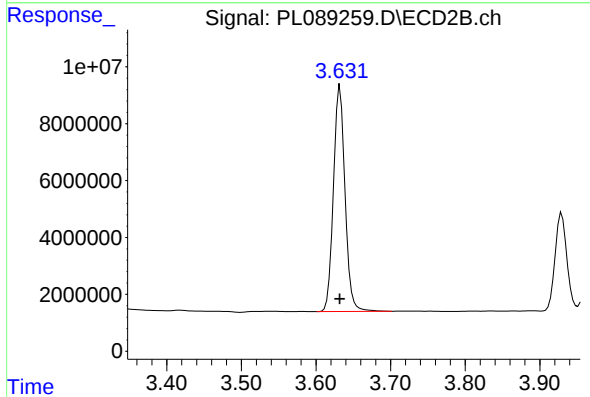
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 118320419
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

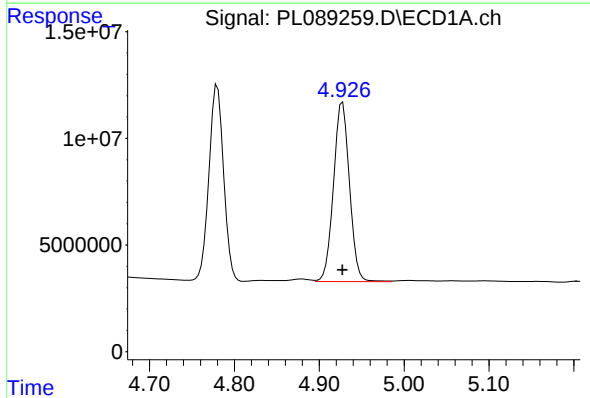
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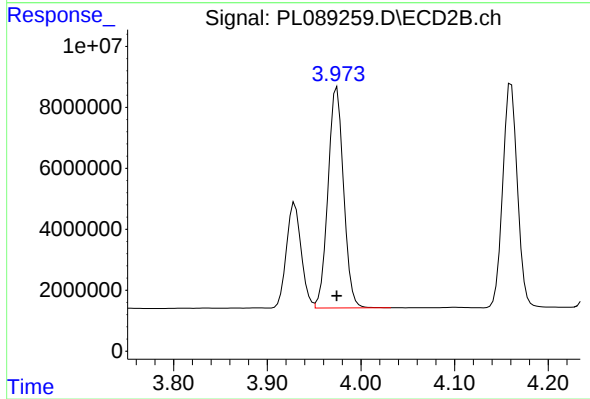
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 85846999
Conc: 46.52 ng/ml



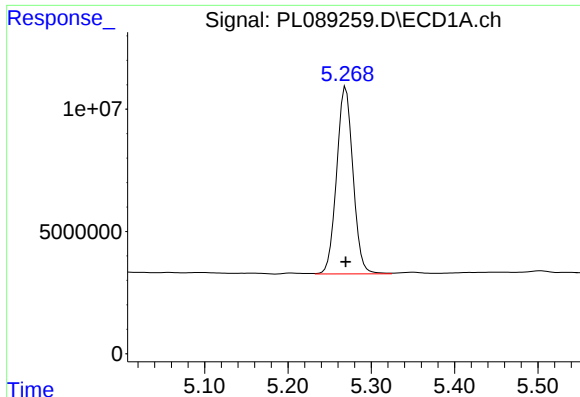
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 110068076
Conc: 44.38 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 83655716
Conc: 47.74 ng/ml



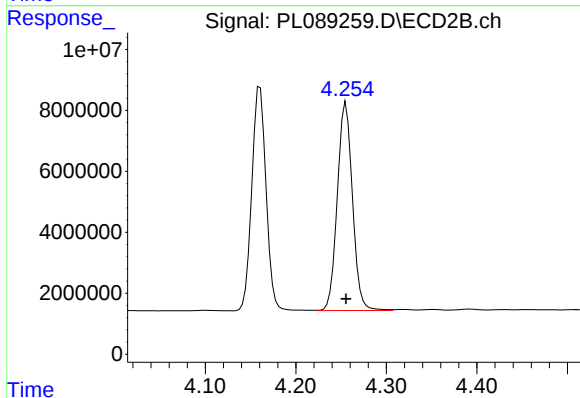
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 104369432
Conc: 40.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

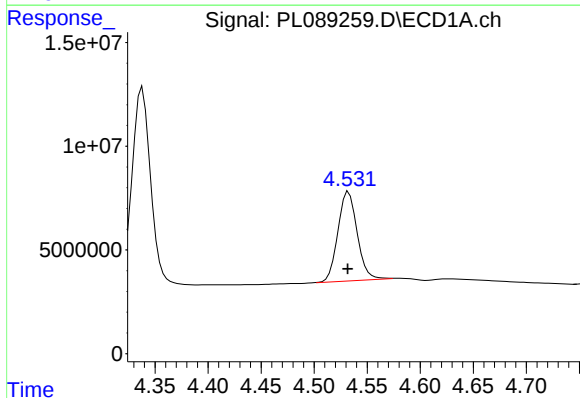
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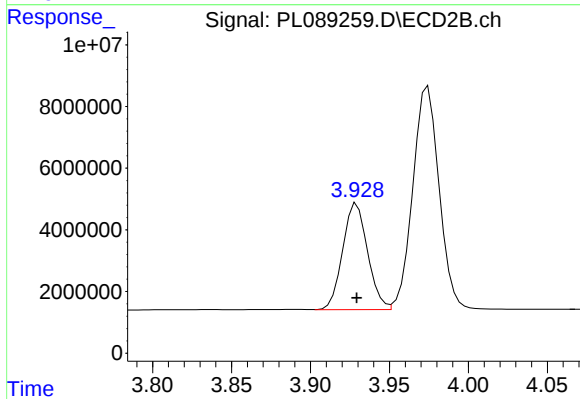
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 79295835
Conc: 44.86 ng/ml



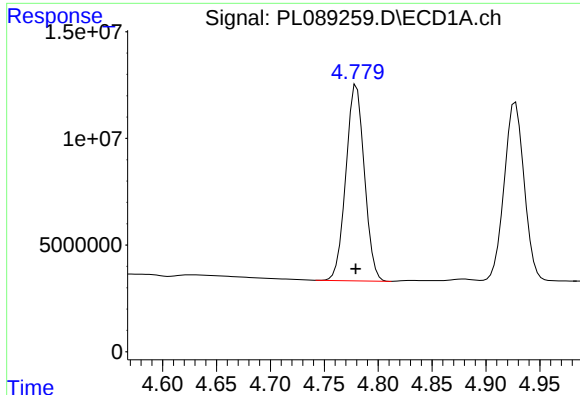
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 54537727
Conc: 43.23 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 37941624
Conc: 46.47 ng/ml



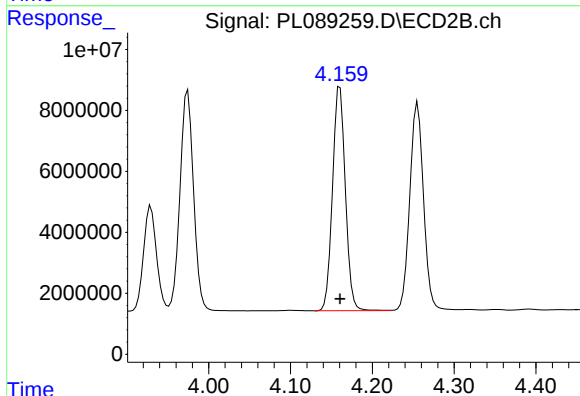
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 109971697
Conc: 41.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

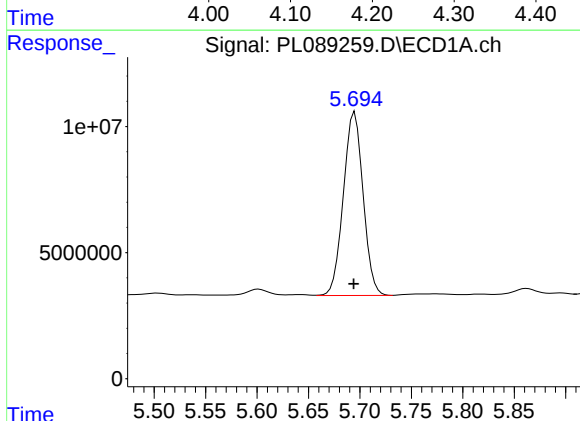
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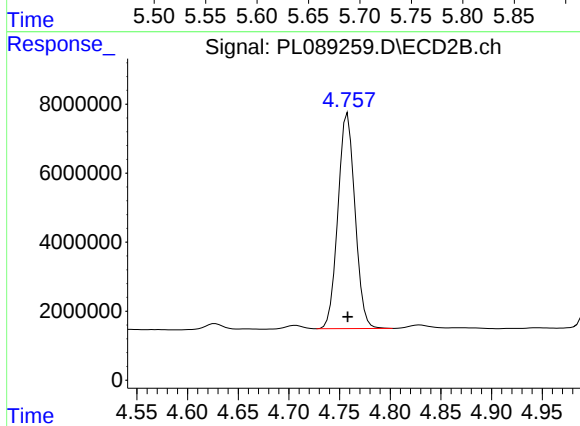
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 80510399
Conc: 44.75 ng/ml



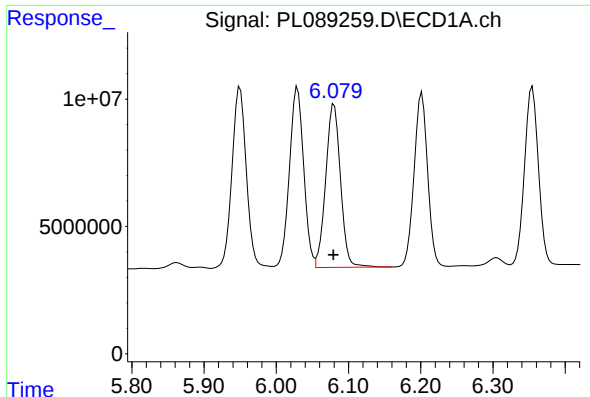
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 97110955
Conc: 41.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 73101252
Conc: 45.21 ng/ml m



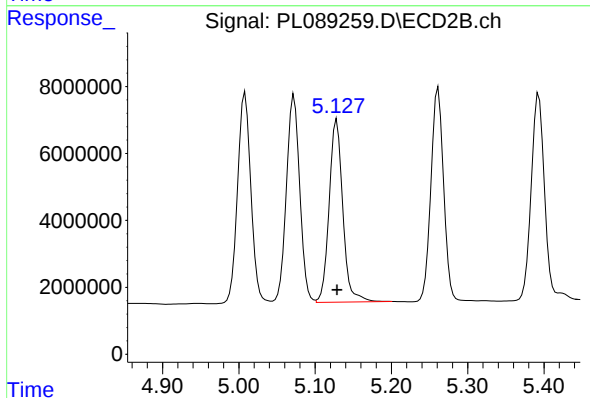
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 91885020
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

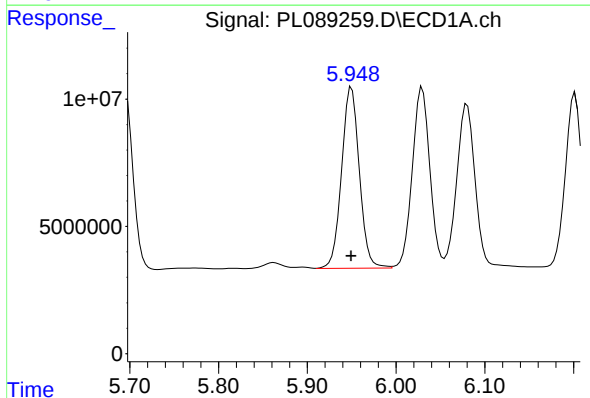
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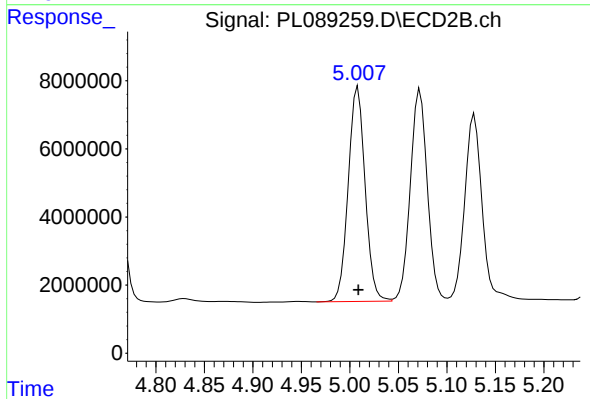
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 68060985
Conc: 45.44 ng/ml



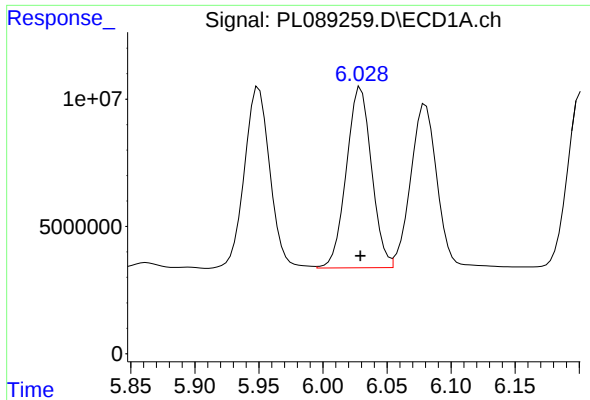
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 98906351
Conc: 43.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 76336132
Conc: 46.52 ng/ml



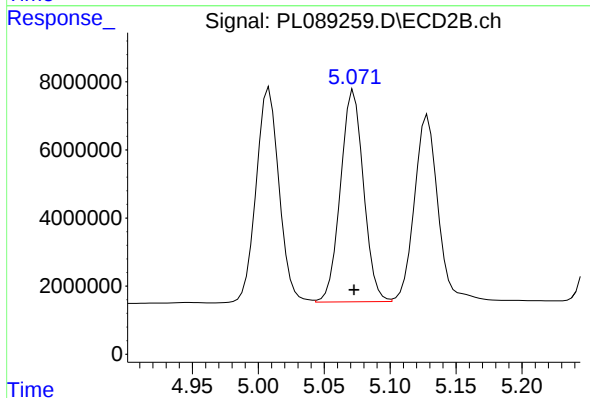
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 97390315
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

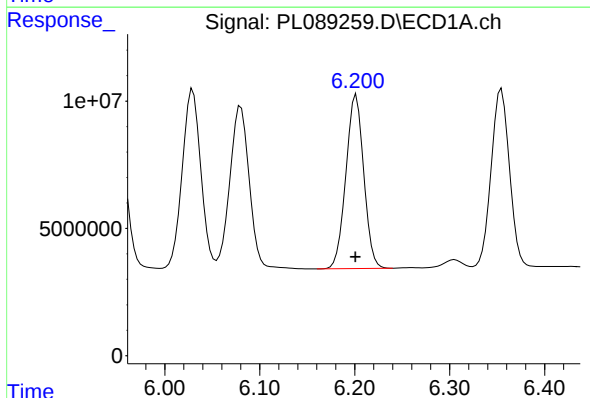
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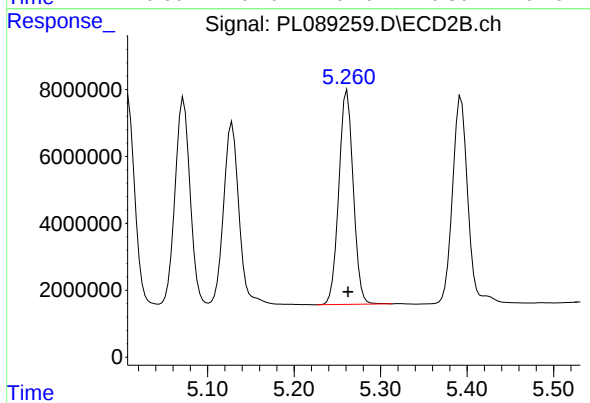
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 75511547
Conc: 45.79 ng/ml



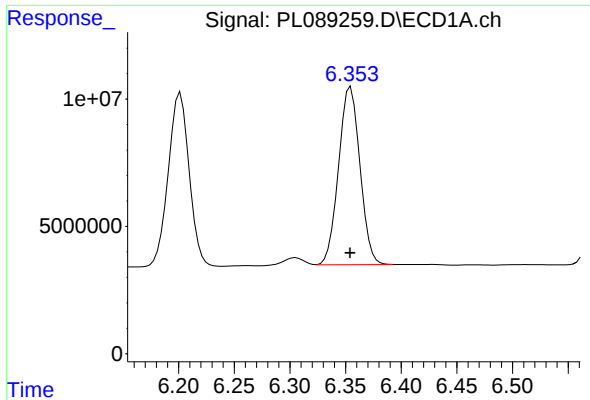
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 89125555
Conc: 44.05 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 73637091
Conc: 50.65 ng/ml



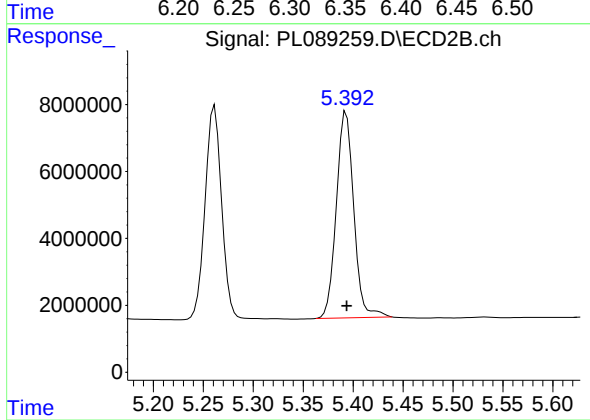
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 93242695
Conc: 41.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

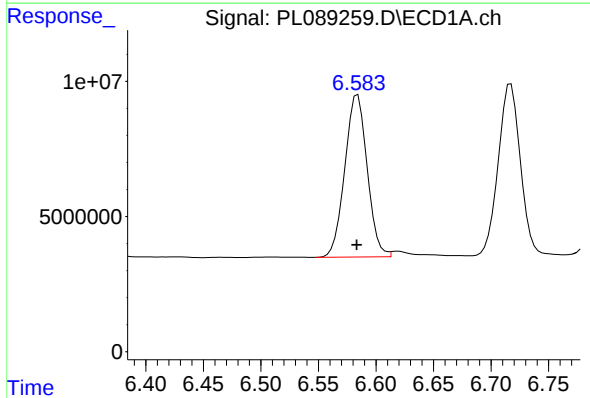
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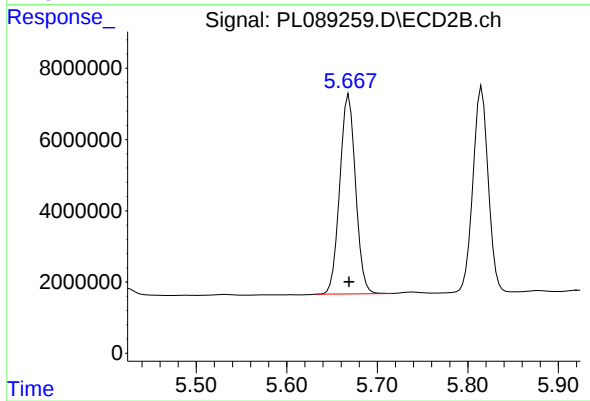
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 75117904
Conc: 46.69 ng/ml



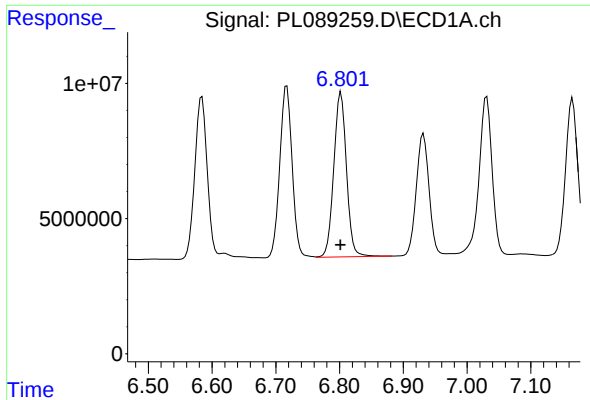
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 81532375
Conc: 43.04 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 67876408
Conc: 47.21 ng/ml



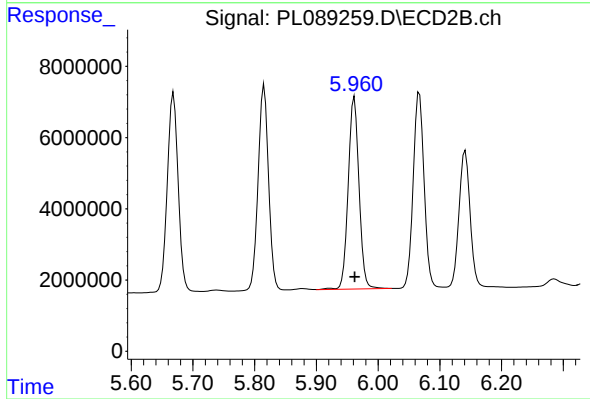
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 84184940
Conc: 42.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

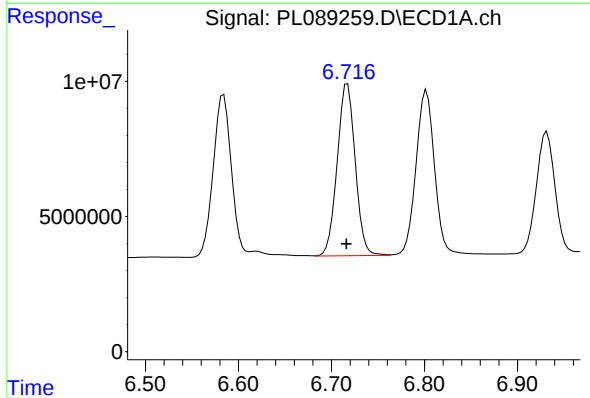
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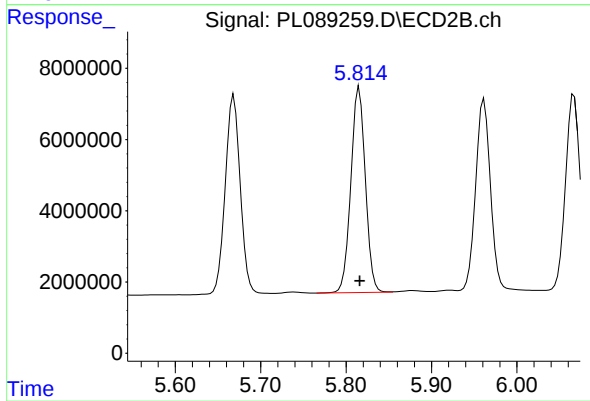
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 65876833
Conc: 45.80 ng/ml



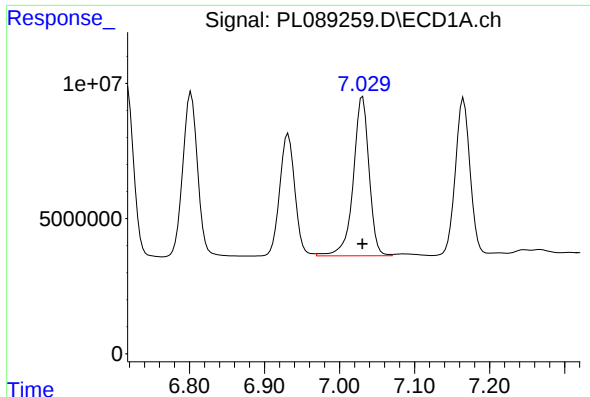
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.001 min
Response: 85752427
Conc: 50.83 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 67946396
Conc: 55.10 ng/ml



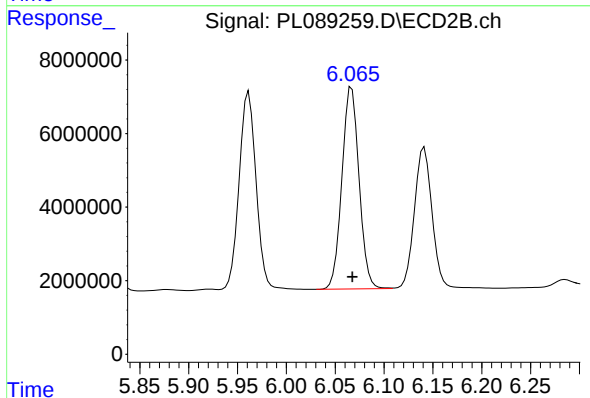
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 86015920
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

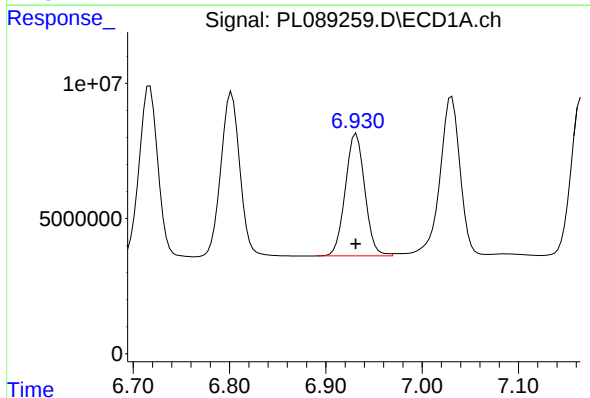
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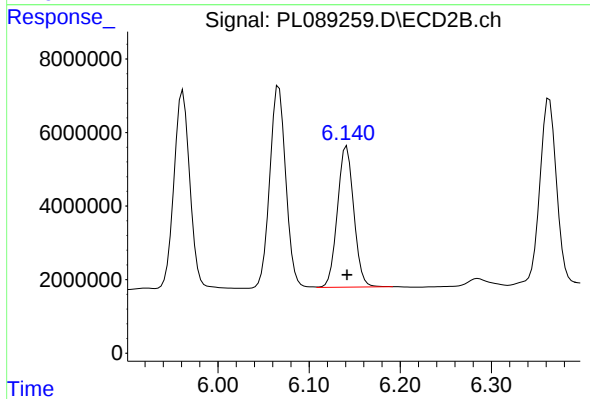
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 67097818
Conc: 49.59 ng/ml



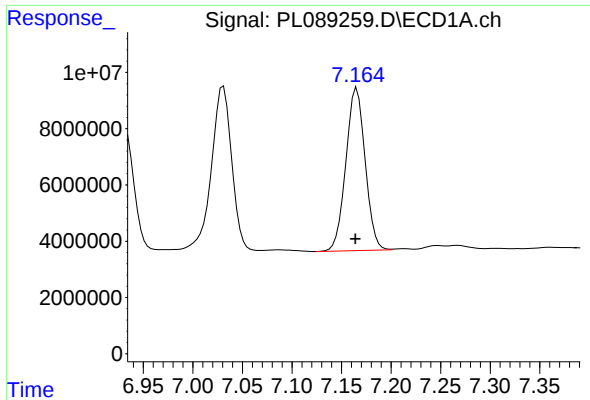
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 63338085
Conc: 41.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 47833587
Conc: 43.00 ng/ml



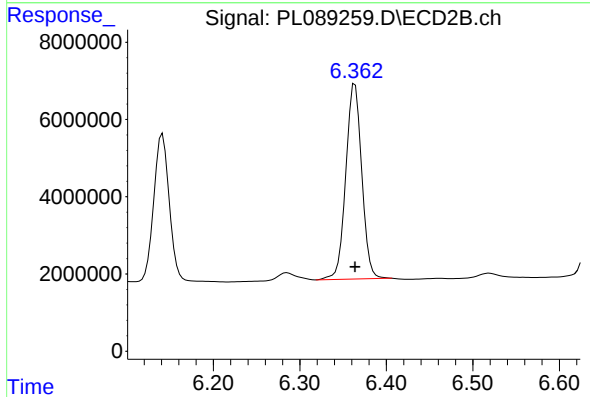
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.001 min
Response: 78266613
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

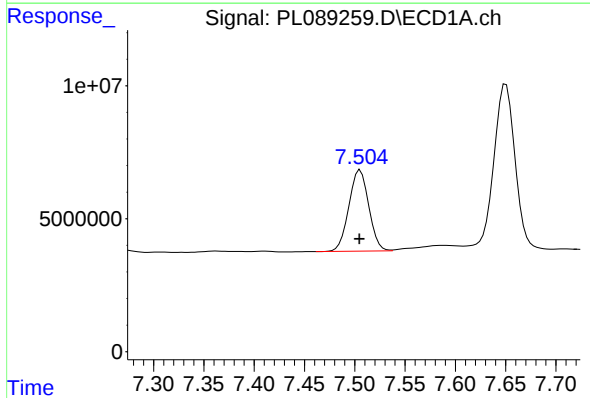
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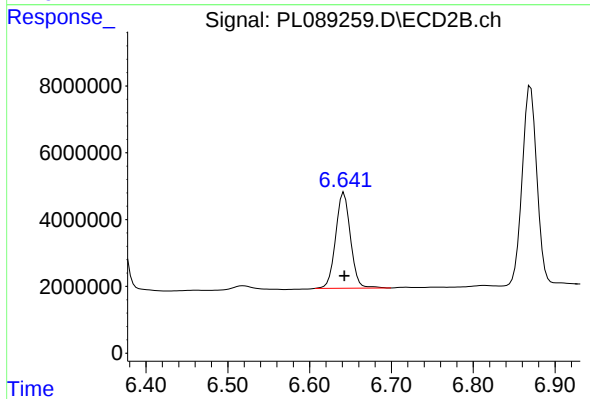
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 64449240
Conc: 46.46 ng/ml



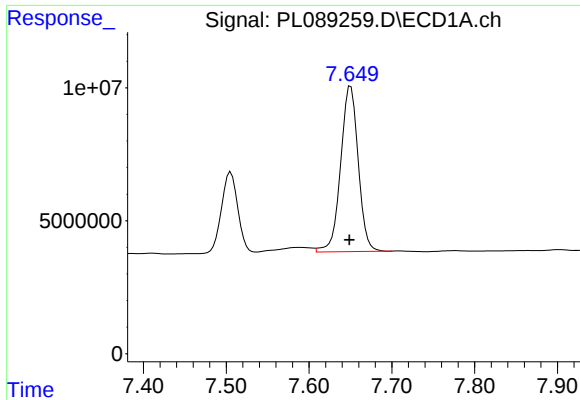
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 41891185
Conc: 42.60 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 36116427
Conc: 45.17 ng/ml



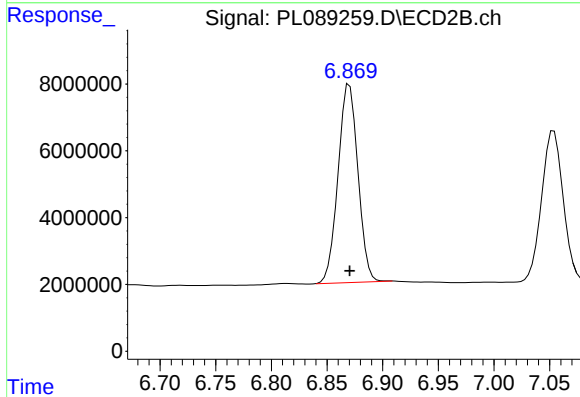
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 92060446
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

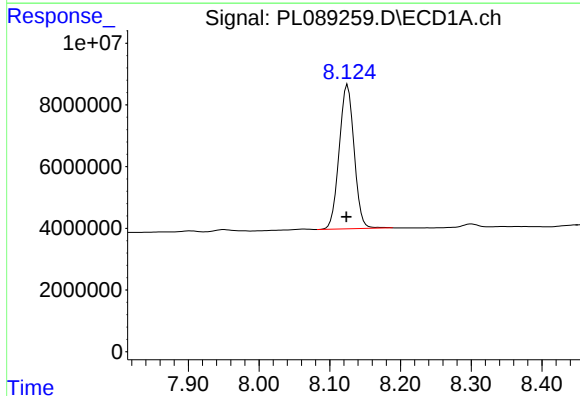
Manual Integrations
APPROVED

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



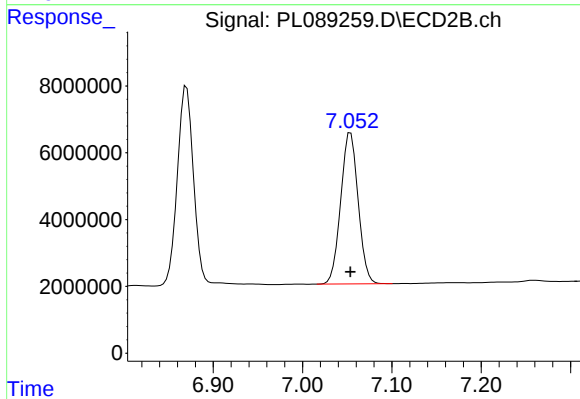
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 73955188
Conc: 46.25 ng/ml



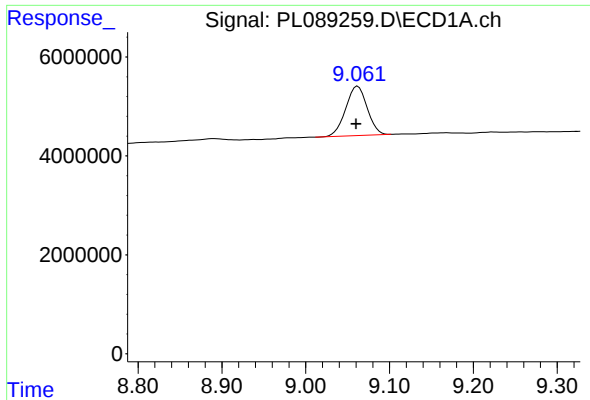
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 68584593
Conc: 44.13 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 61390323
Conc: 45.00 ng/ml



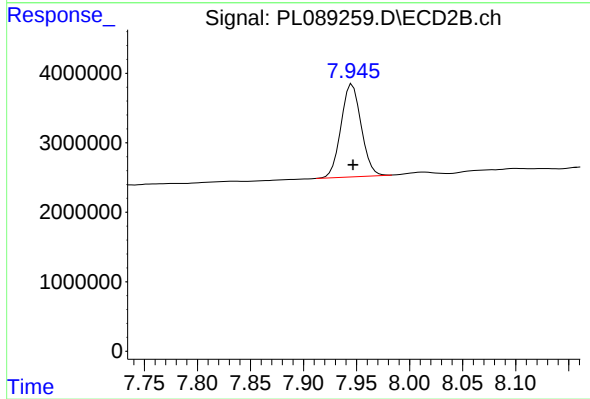
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 17824577
Conc: 12.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAV-SOIL-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 17628953
Conc: 13.11 ng/ml