

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 16:43
 Operator : AR\AJ
 Sample : PB160576BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160576BS

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 21:50:19 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	35404612	22471883	17.582	17.514
28)	SA Decachlor...	9.063	7.947	24346195	24113798	17.402	17.926
Target Compounds							
2)	A alpha-BHC	4.006	3.302	114.9E6	83246082	40.274	44.118
3)	MA gamma-BHC...	4.338	3.633	108.6E6	79069929	38.997	42.850
4)	MA Heptachlor	4.928	3.975	98906943	76335112	39.880	43.563
5)	MB Aldrin	5.270	4.256	98604349	74579459	38.394	42.187
6)	B beta-BHC	4.531	3.930	50171275	35536604	39.769m	43.525
7)	B delta-BHC	4.780	4.161	101.7E6	75448242	38.359	41.934
8)	B Heptachlo...	5.696	4.759	91672753	69556380	39.085	43.022
9)	A Endosulfan I	6.081	5.129	86740344	65806400	40.348	43.939
10)	B gamma-Chl...	5.951	5.009	92557030	72739748	40.490	44.328
11)	B alpha-Chl...	6.031	5.073	91695450	72664749	40.311	44.061
12)	B 4,4'-DDE	6.202	5.262	82148957	64553061	40.600	44.397
13)	MA Dieldrin	6.356	5.394	90263022	70468323	40.324	43.804
14)	MA Endrin	6.584	5.669	74543873	62125283	39.351	43.212
15)	B Endosulfa...	6.802	5.963	79949820	63017825	40.059	43.813
16)	A 4,4'-DDD	6.718	5.816	70743178	56570112	41.934	45.871
17)	MA 4,4'-DDT	7.032	6.068	72832282	56680104	39.605	41.893
18)	B Endrin al...	6.933	6.142	61895864	48623389	40.929	43.714
19)	B Endosulfa...	7.166	6.364	73133439	60253069	40.431	43.436
20)	A Methoxychlor	7.506	6.643	38300610	32119855	38.947	40.171
21)	B Endrin ke...	7.651	6.871	82090794	71372127	41.012	44.636
22)	Mirex	8.126	7.054	63535979	58686649	40.883	43.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 16:43
Operator : AR\AJ
Sample : PB160576BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

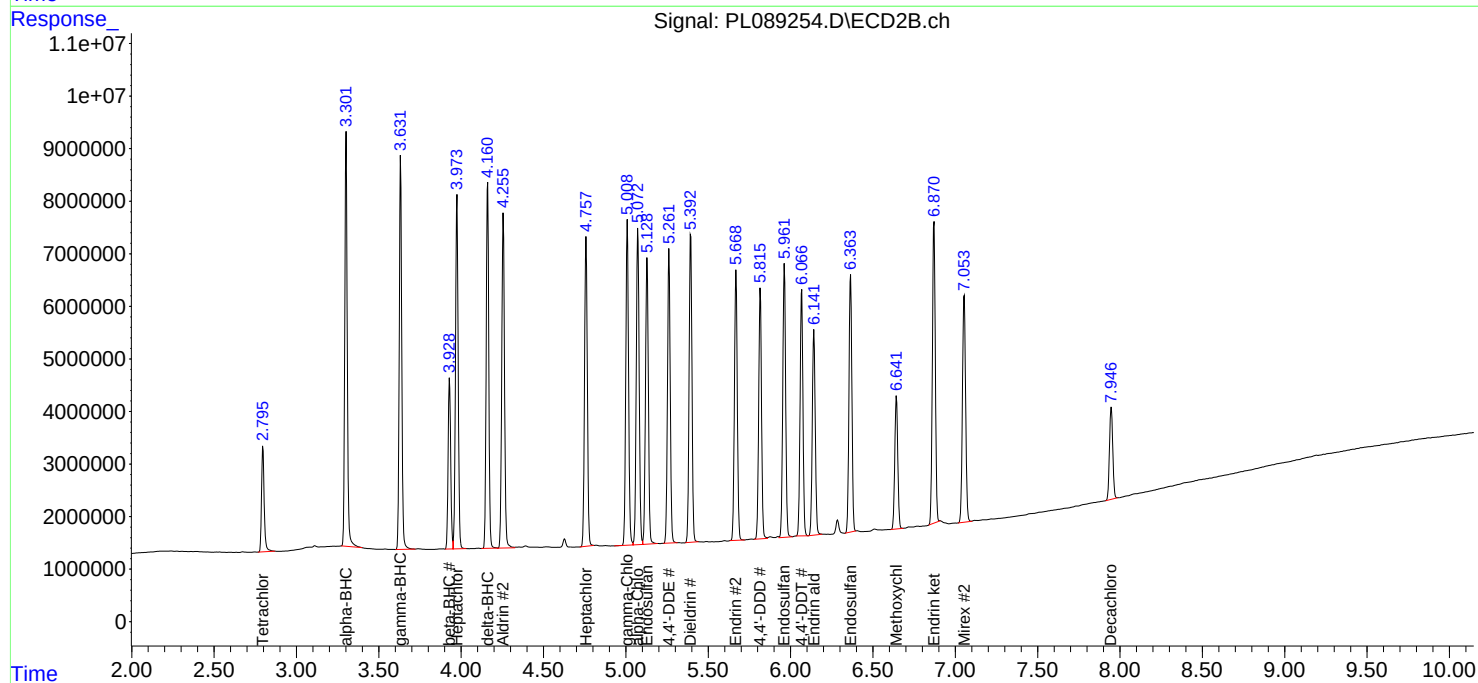
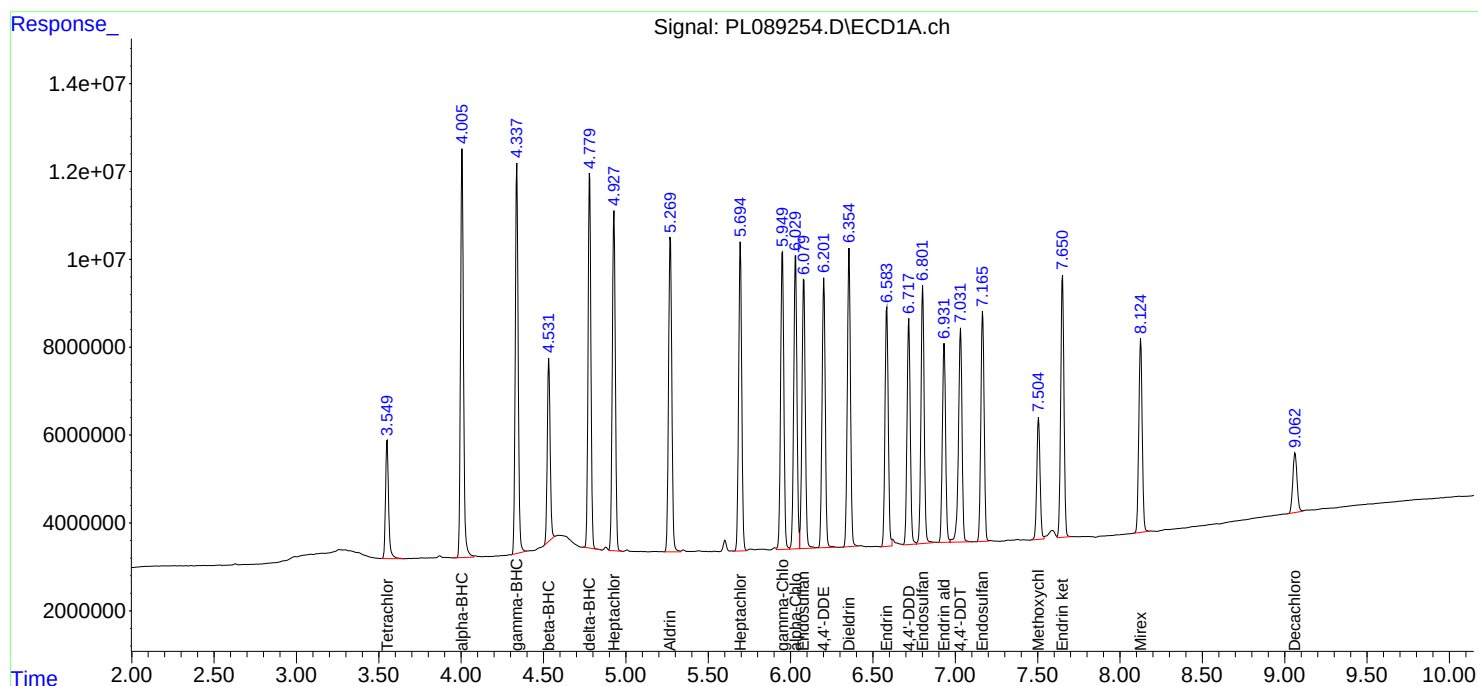
Instrument :
ECD_L
ClientSampleId :
PB160576BS

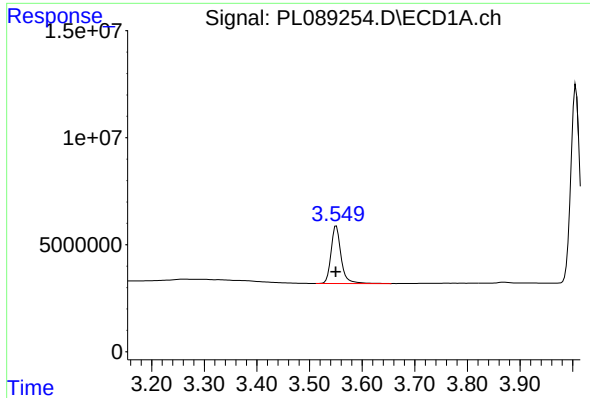
Manual Integrations
APPROVED

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 21:50:19 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.: 3.551 min
Delta R.T.: 0.000 min
Response: 35404612
Conc: 17.58 ng/ml

Instrument :

ECD_L

ClientSampleId :

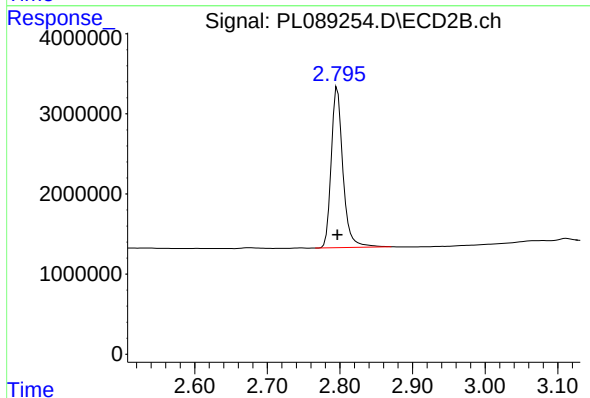
PB160576BS

Manual Integrations

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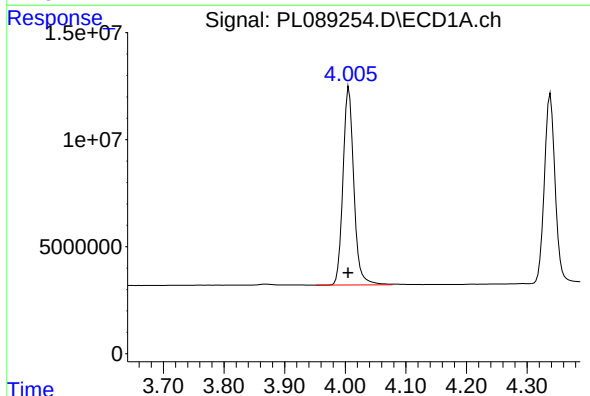
Reviewed By :Abdul Mirza 04/30/2024

Supervised By :mohammad ahmed 05/02/2024



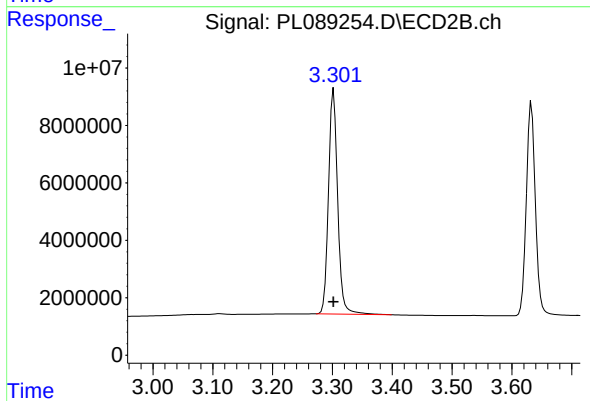
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 22471883
Conc: 17.51 ng/ml



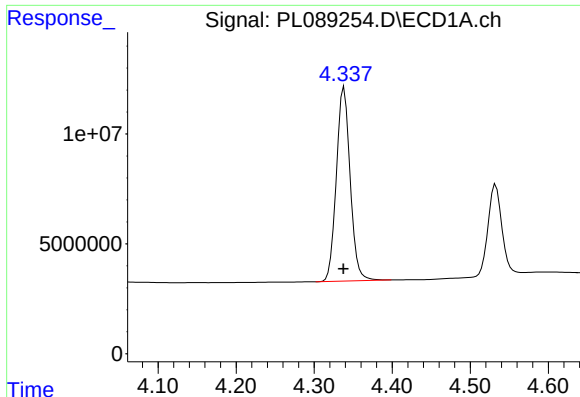
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 114851991
Conc: 40.27 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 83246082
Conc: 44.12 ng/ml



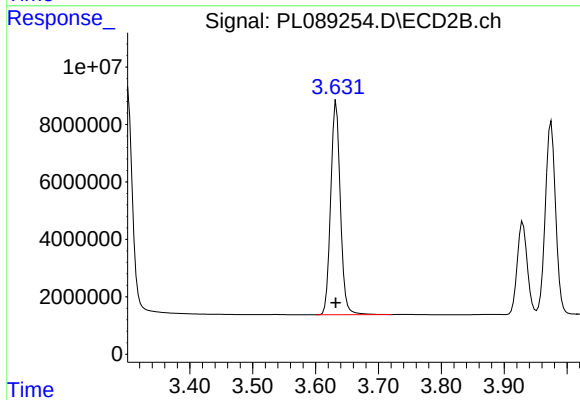
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 108565201
Conc: 39.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

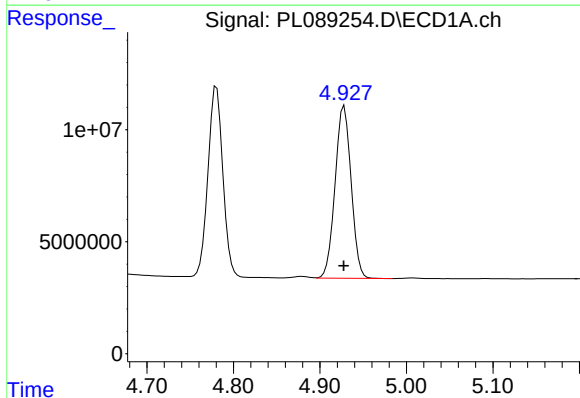
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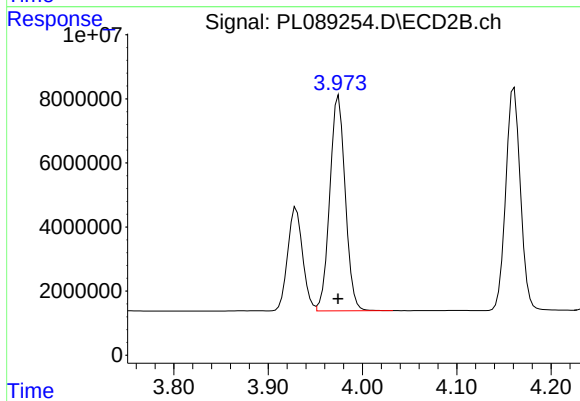
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 79069929
Conc: 42.85 ng/ml



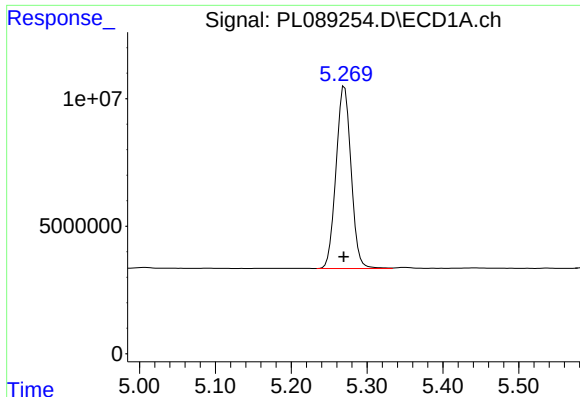
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 98906943
Conc: 39.88 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 76335112
Conc: 43.56 ng/ml



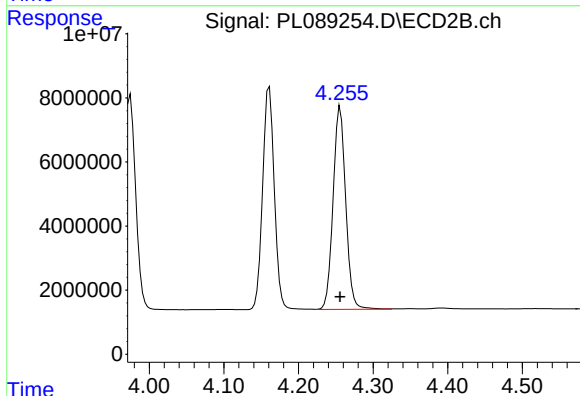
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 98604349
Conc: 38.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

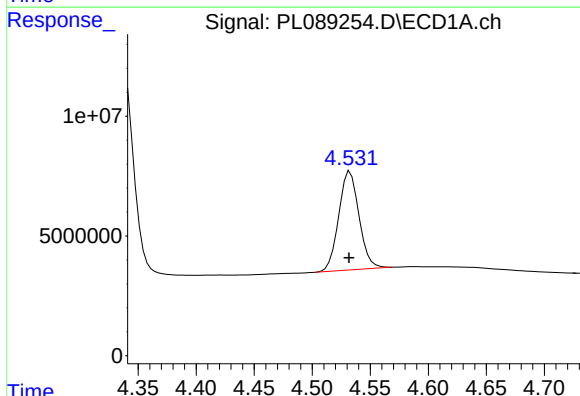
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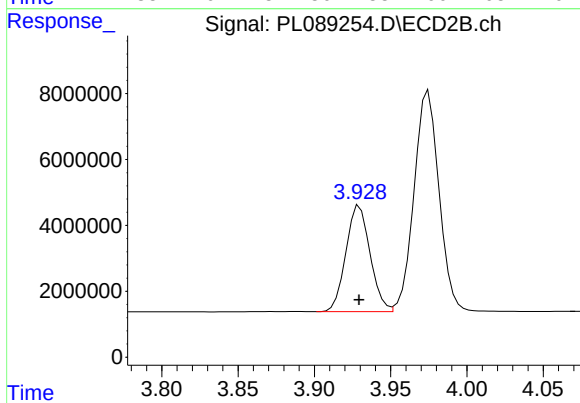
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 74579459
Conc: 42.19 ng/ml



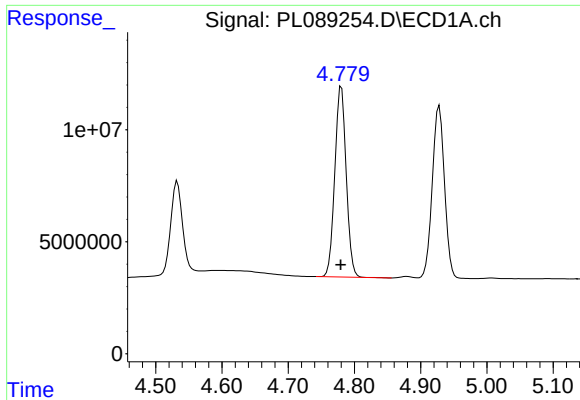
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 50171275
Conc: 39.77 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 35536604
Conc: 43.53 ng/ml



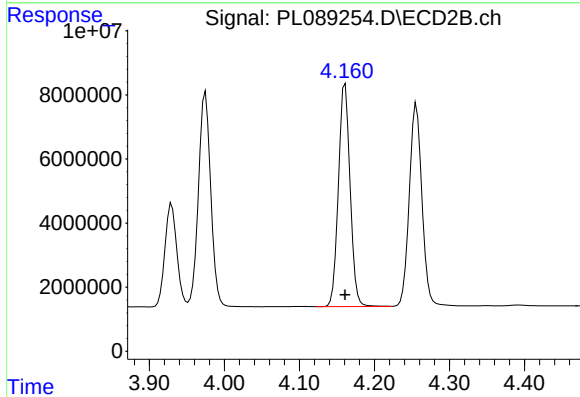
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.001 min
Response: 101728543
Conc: 38.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

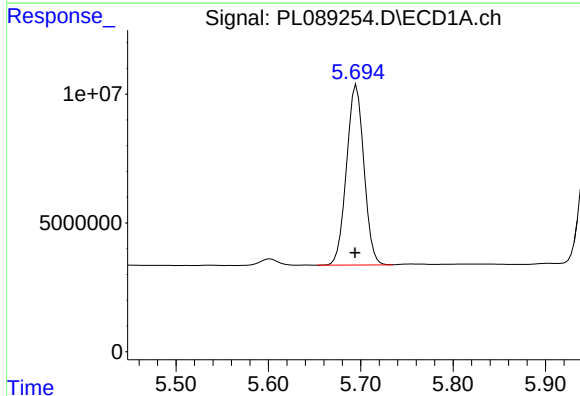
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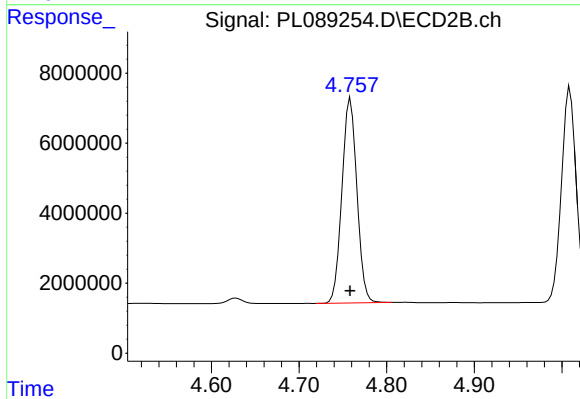
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 75448242
Conc: 41.93 ng/ml



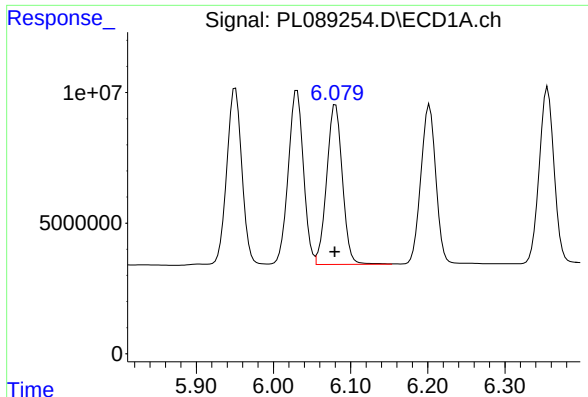
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 91672753
Conc: 39.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 69556380
Conc: 43.02 ng/ml



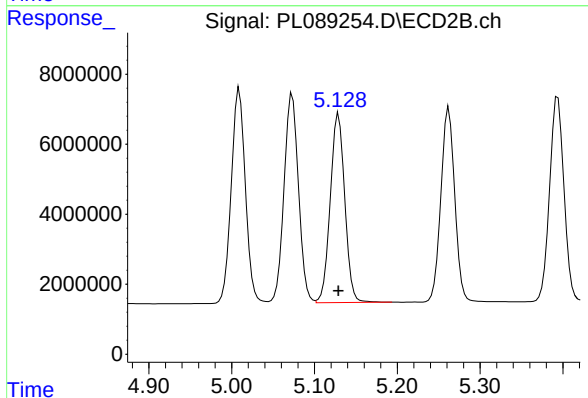
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 86740344
Conc: 40.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

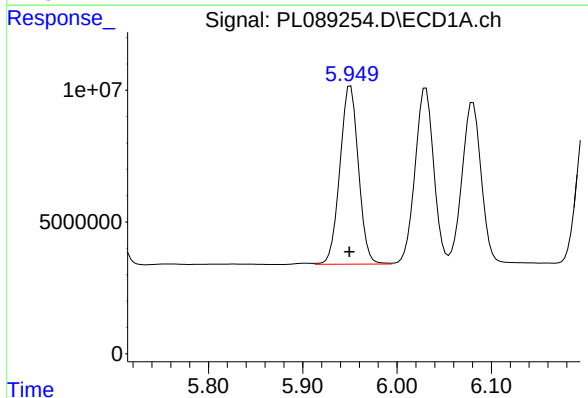
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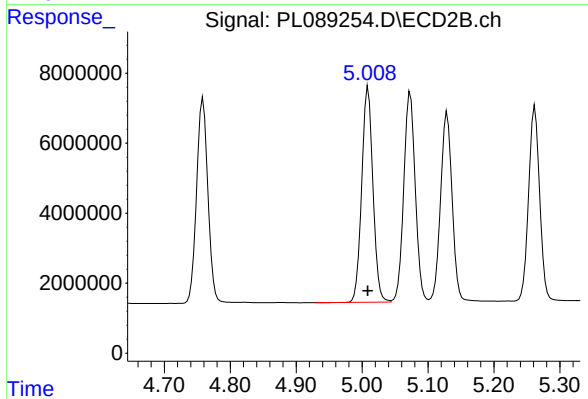
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 65806400
Conc: 43.94 ng/ml



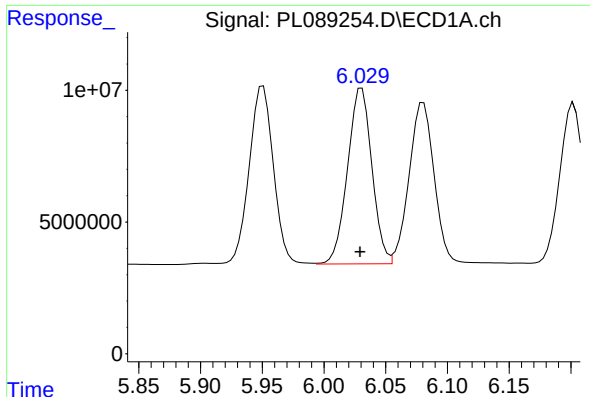
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.001 min
Response: 92557030
Conc: 40.49 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 72739748
Conc: 44.33 ng/ml



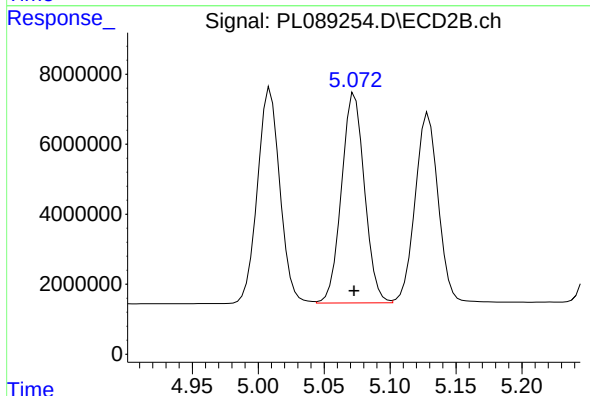
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 91695450
Conc: 40.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

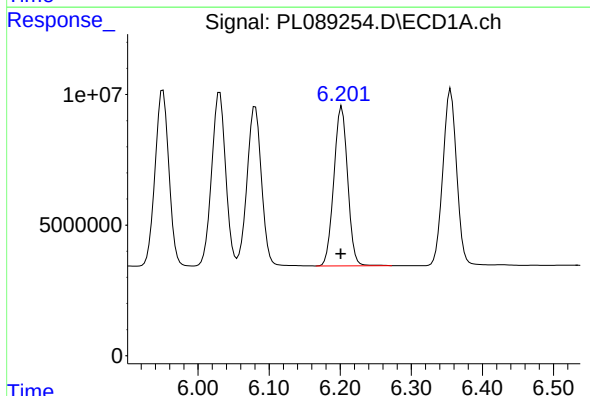
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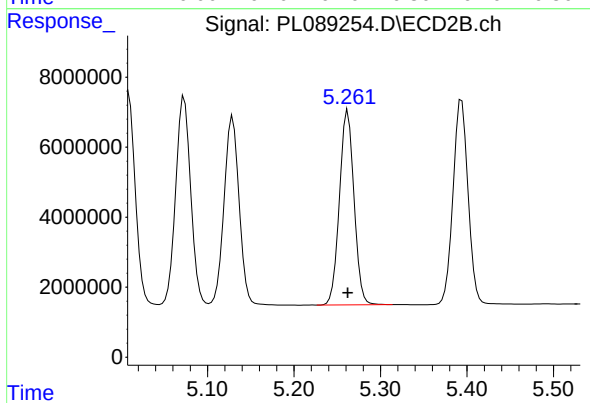
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 72664749
Conc: 44.06 ng/ml



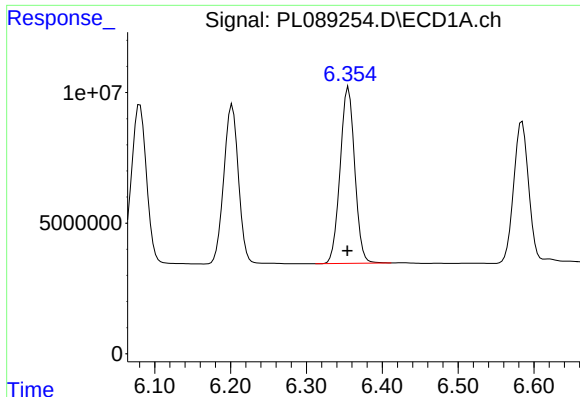
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.002 min
Response: 82148957
Conc: 40.60 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 64553061
Conc: 44.40 ng/ml



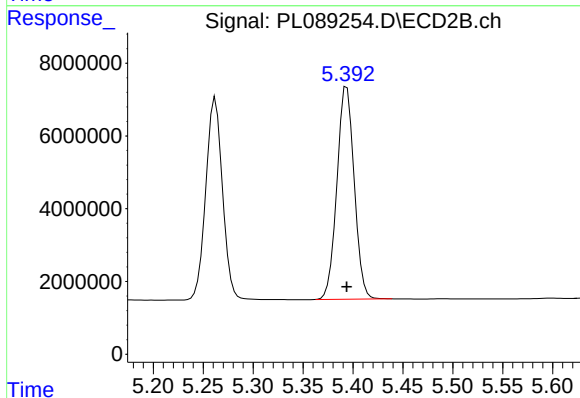
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.001 min
Response: 90263022
Conc: 40.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

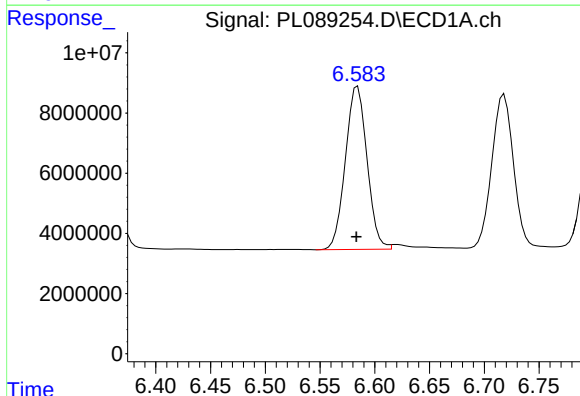
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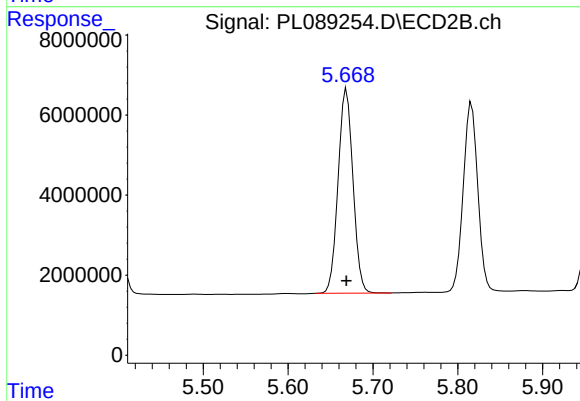
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 70468323
Conc: 43.80 ng/ml



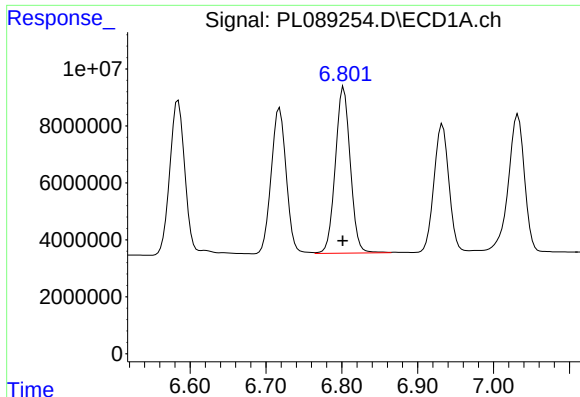
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 74543873
Conc: 39.35 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 62125283
Conc: 43.21 ng/ml



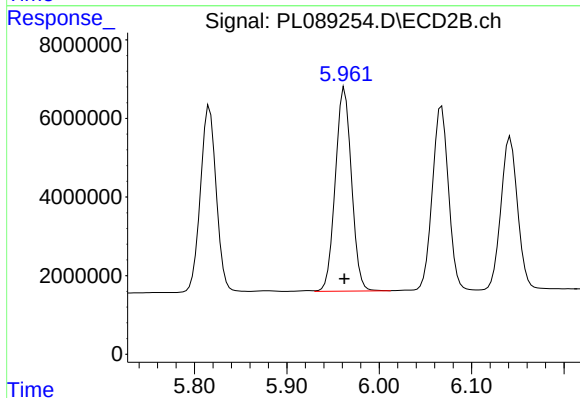
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 79949820
Conc: 40.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

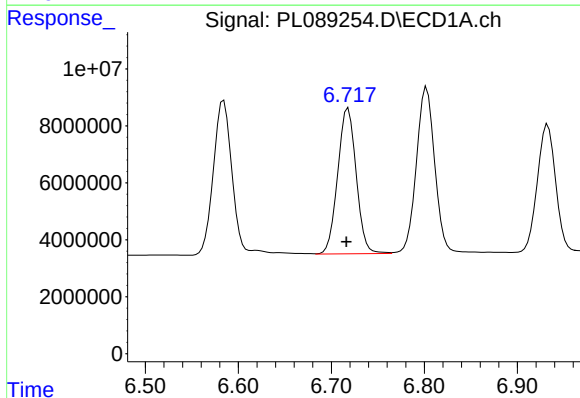
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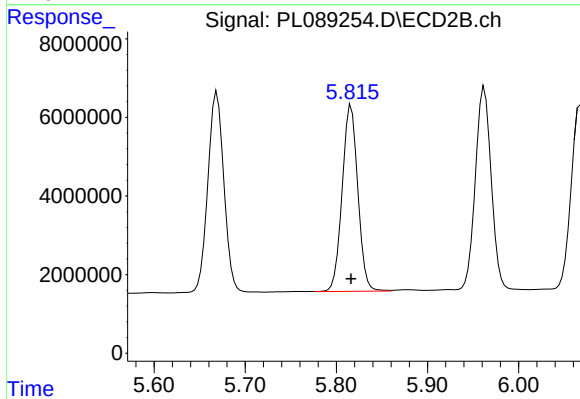
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 63017825
Conc: 43.81 ng/ml



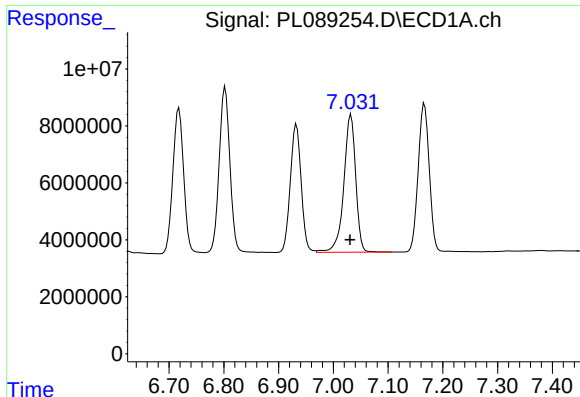
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 70743178
Conc: 41.93 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 56570112
Conc: 45.87 ng/ml



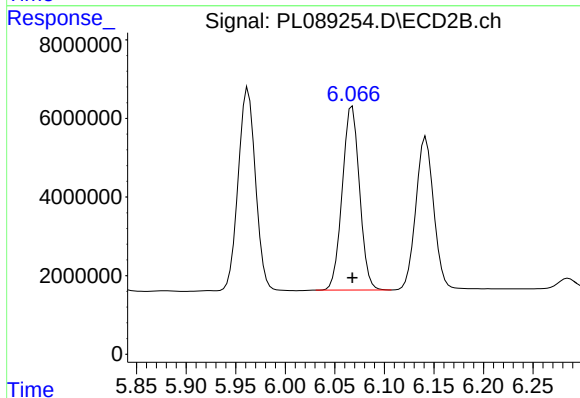
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 72832282
Conc: 39.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

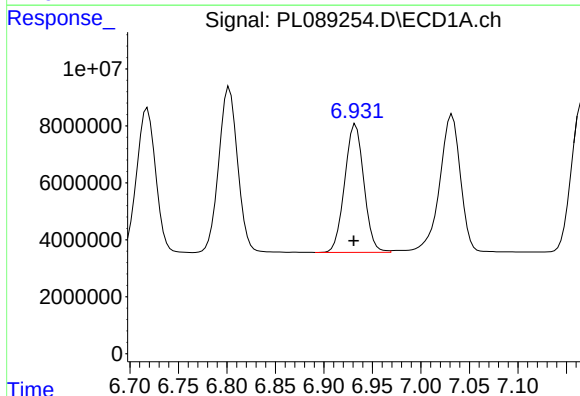
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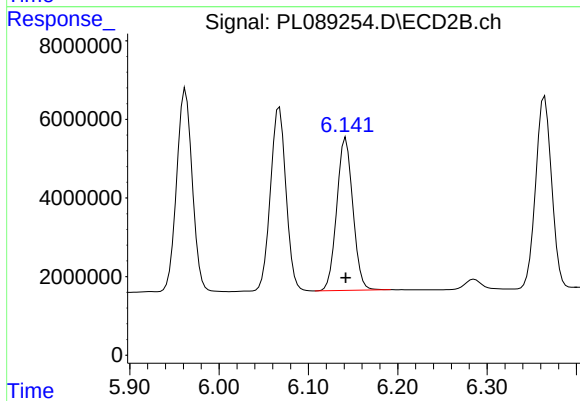
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 56680104
Conc: 41.89 ng/ml



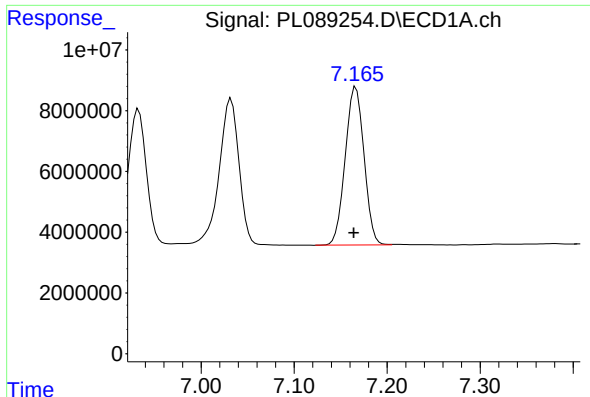
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 61895864
Conc: 40.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 48623389
Conc: 43.71 ng/ml



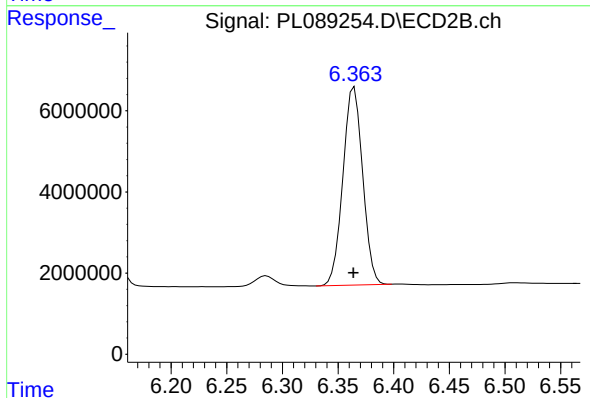
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 73133439
Conc: 40.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

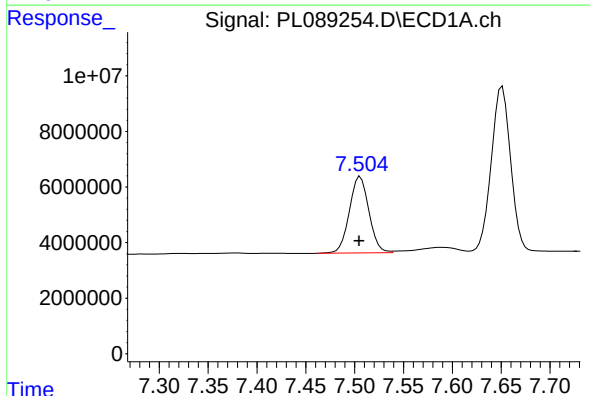
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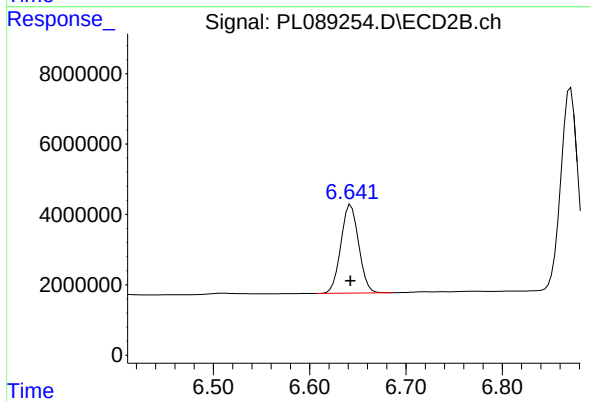
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 60253069
Conc: 43.44 ng/ml



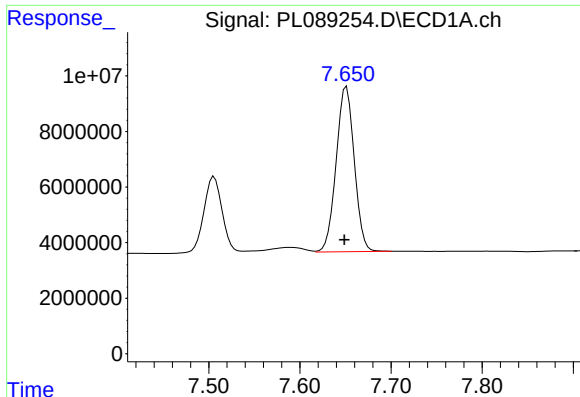
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 38300610
Conc: 38.95 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 32119855
Conc: 40.17 ng/ml



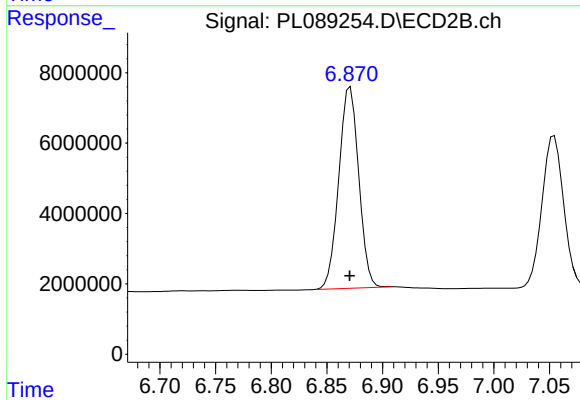
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 82090794
Conc: 41.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

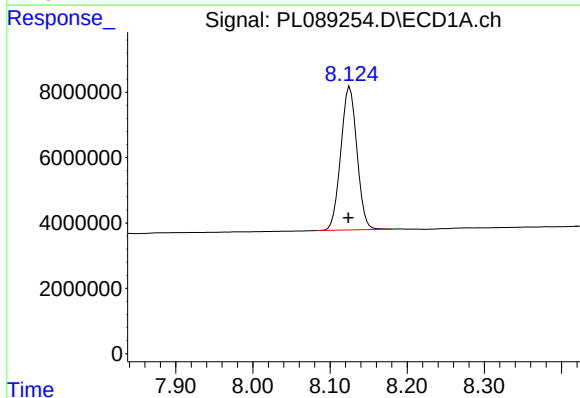
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Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



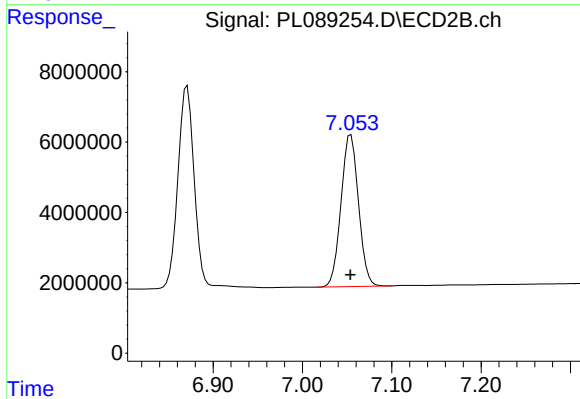
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 71372127
Conc: 44.64 ng/ml



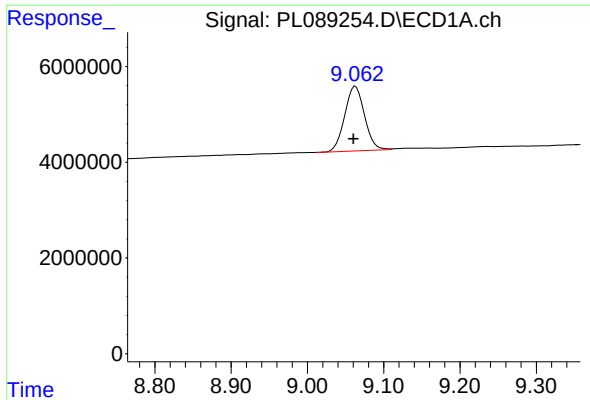
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 63535979
Conc: 40.88 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 58686649
Conc: 43.02 ng/ml



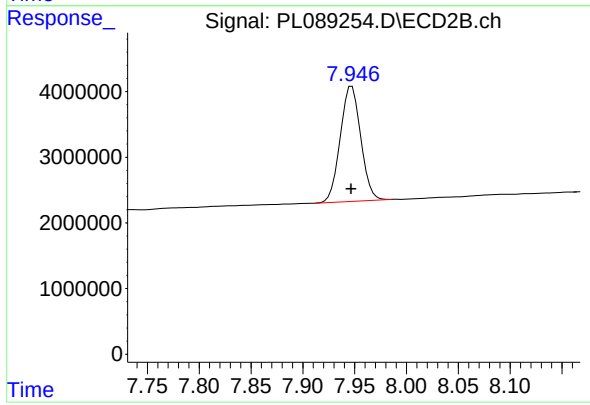
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 24346195
Conc: 17.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160576BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/02/2024



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 24113798
Conc: 17.93 ng/ml