

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091823\
 Data File : PL085402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2023 11:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2023
 Supervised By :Ankita Jodhani 09/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 06:43:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 2023
 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...	3.491	2.683	116.0E6	54269694	47.422	47.765
28)	SA Decachlor...	9.039	7.860	80431352	60029314	50.016	45.097
Target Compounds							
2)	A alpha-BHC	3.950	3.187	166.8E6	78960902	48.421	48.279
3)	MA gamma-BHC...	4.284	3.518	159.7E6	76919782	48.092	48.195
4)	MA Heptachlor	4.875	3.858	155.4E6	71002042	47.139	46.785
5)	MB Aldrin	5.217	4.138	148.8E6	72871284	48.393	47.669
6)	B beta-BHC	4.482	3.820	68323672	32553889	48.343m	47.976
7)	B delta-BHC	4.729	4.048	157.4E6	76349740	49.806	48.828
8)	B Heptachlo...	5.646	4.644	129.5E6	64816607	49.614m	47.232
9)	A Endosulfan I	6.033	5.014	117.6E6	60958957	48.975	44.033
10)	B gamma-Chl...	5.905	4.897	128.4E6	65480515	49.445	47.474
11)	B alpha-Chl...	5.984	4.961	126.9E6	65951332	49.328	44.132
12)	B 4,4'-DDE	6.164	5.159	108.6E6	61406787	52.223	49.360
13)	MA Dieldrin	6.310	5.281	119.6E6	66914230	49.074	47.597
14)	MA Endrin	6.538	5.556	100.4E6	59511811	48.581m	46.558
15)	B Endosulfa...	6.761	5.853	99822278	59348142	49.330	47.930
16)	A 4,4'-DDD	6.683	5.717	84683045	52829379	55.002	50.285
17)	MA 4,4'-DDT	6.998	5.968	85268419	54665226	50.617	46.889
18)	B Endrin al...	6.891	6.035	74441301	47699467	48.428	46.699
19)	B Endosulfa...	7.128	6.260	92465384	56873128	49.399	47.394
20)	A Methoxychlor	7.480	6.552	46988529	30143184	51.715	44.808
21)	B Endrin ke...	7.612	6.765	96309850	70191480	49.166	47.588
22)	Mirex	8.087	6.944	77257496	53804733	46.388	45.435

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091823\
Data File : PL085402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2023 11:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

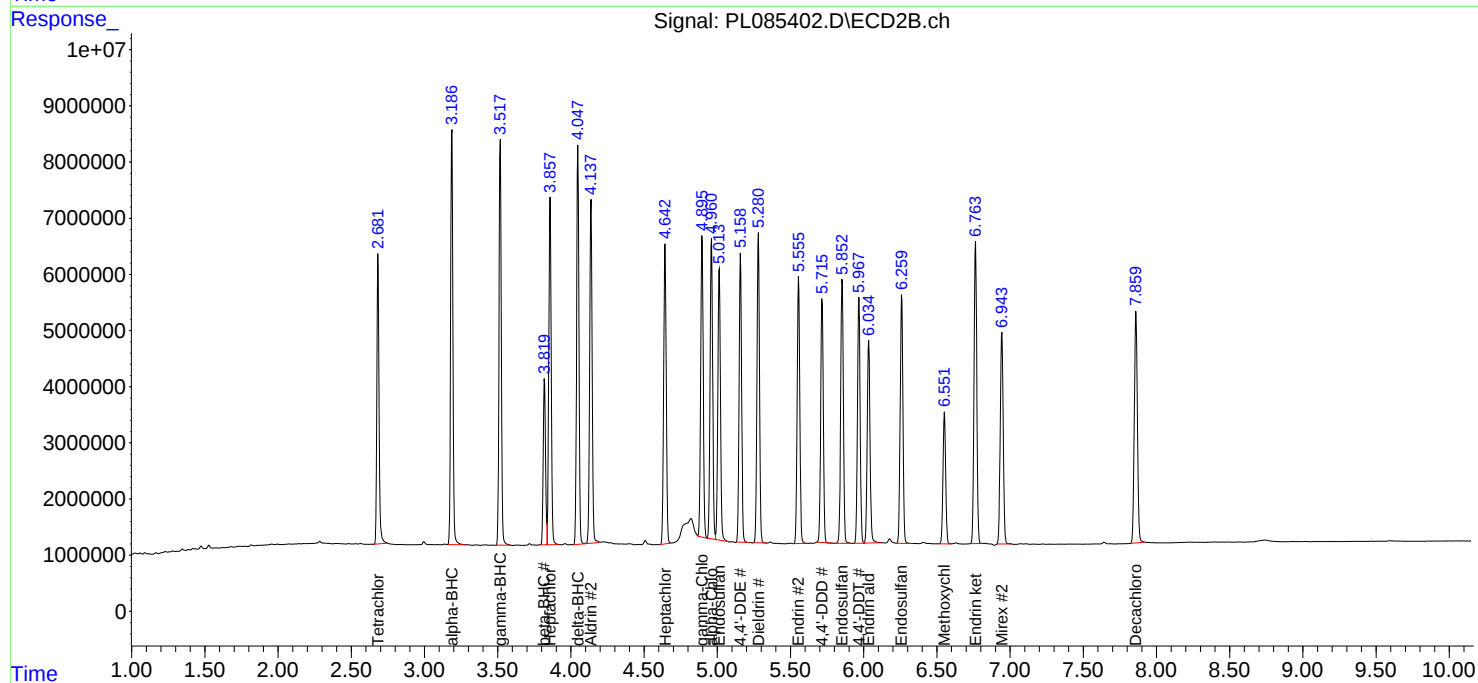
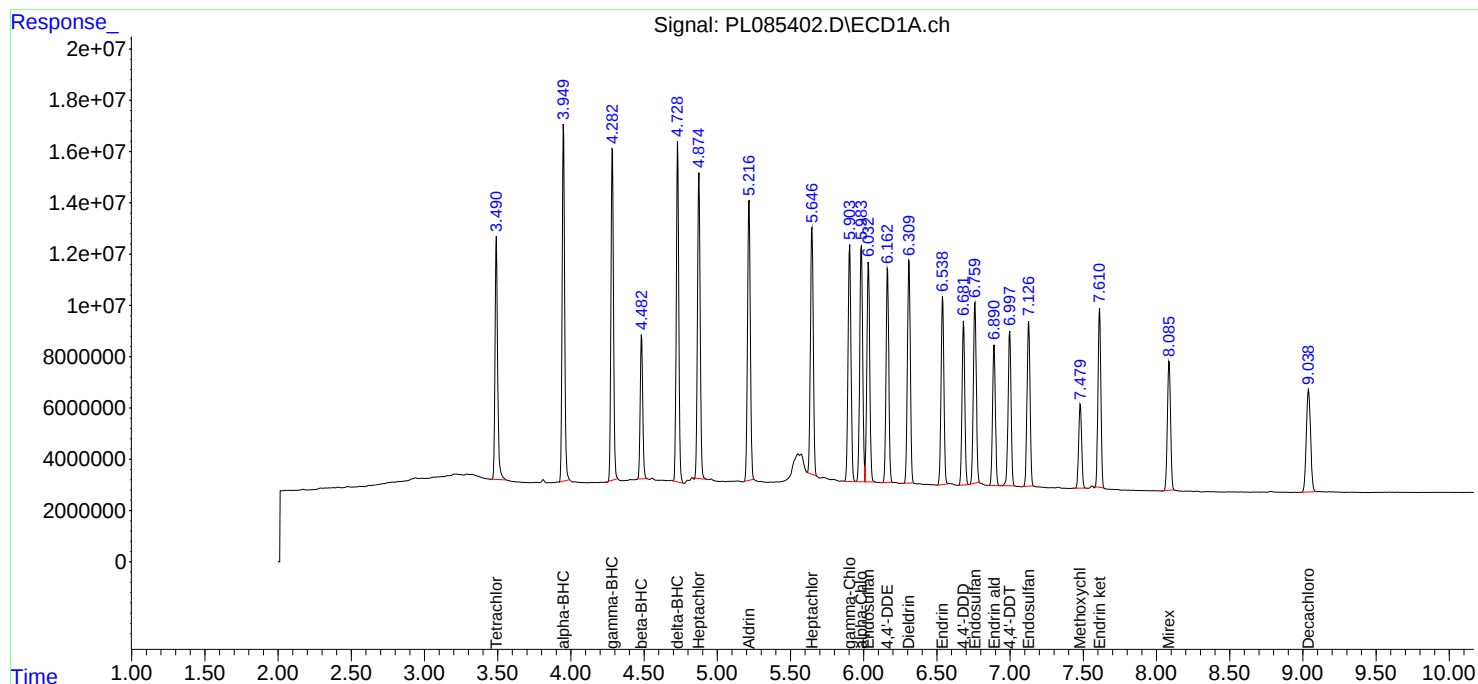
APPROVED

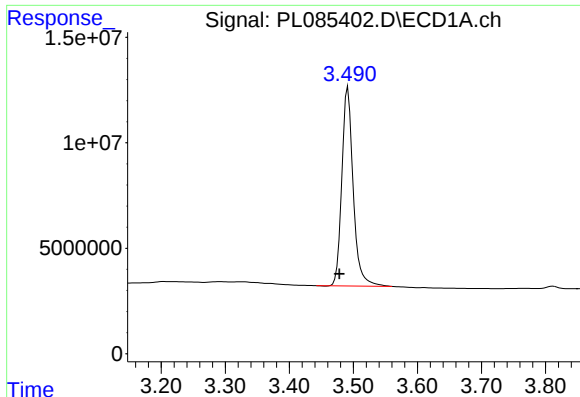
Reviewed By :Abdul Mirza 09/19/2023

Supervised By :Ankita Jodhani 09/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 06:43:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 05 15:22:36 2023
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





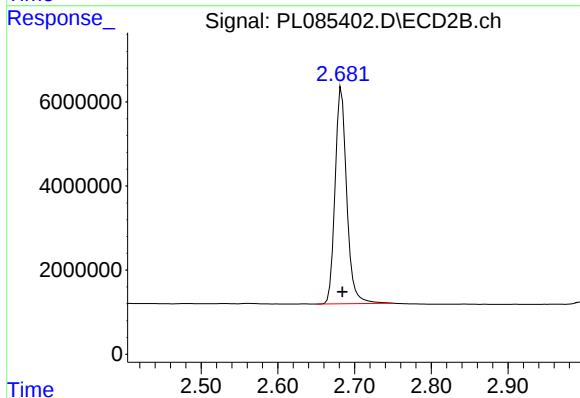
#1 Tetrachloro-m-xylene

R.T.: 3.491 min
Delta R.T.: 0.013 min
Response: 115990177
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

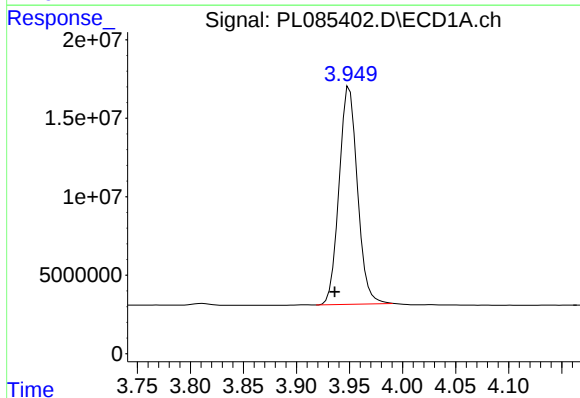
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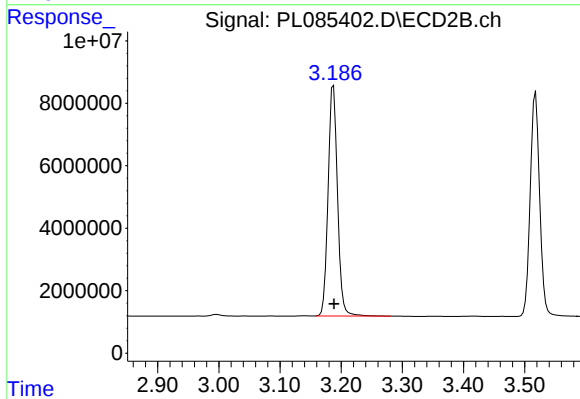
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: -0.001 min
Response: 54269694
Conc: 47.76 ng/ml



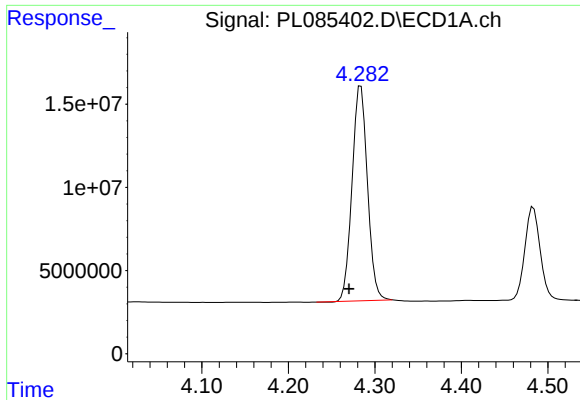
#2 alpha-BHC

R.T.: 3.950 min
Delta R.T.: 0.014 min
Response: 166848631
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.001 min
Response: 78960902
Conc: 48.28 ng/ml



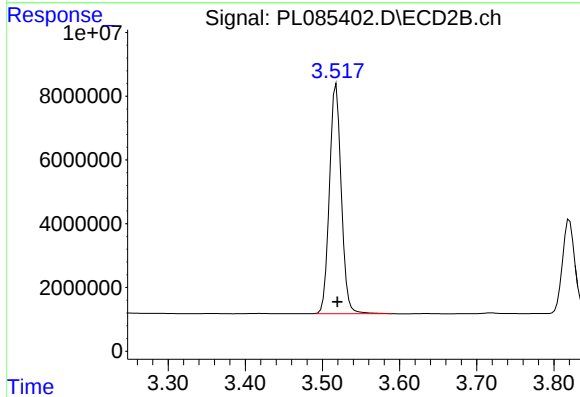
#3 gamma-BHC (Lindane)

R.T.: 4.284 min
Delta R.T.: 0.014 min
Response: 159650506
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

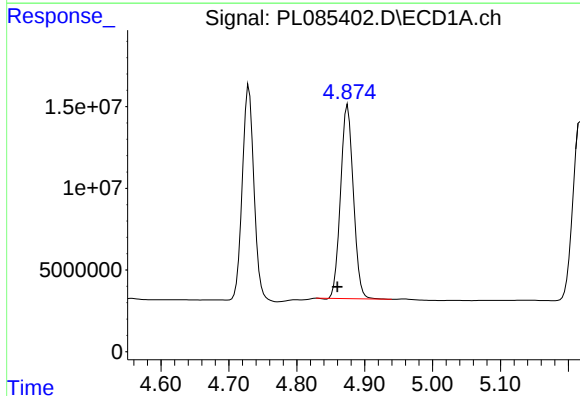
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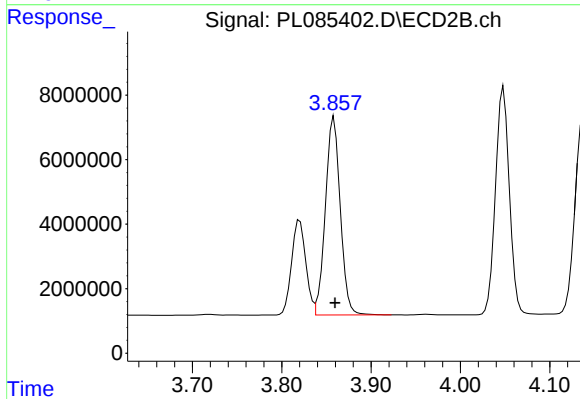
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.001 min
Response: 76919782
Conc: 48.20 ng/ml



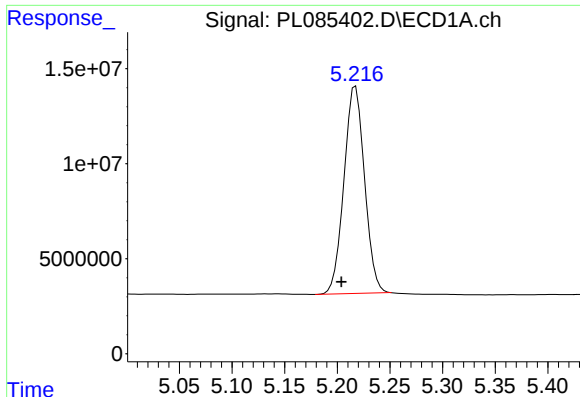
#4 Heptachlor

R.T.: 4.875 min
Delta R.T.: 0.015 min
Response: 155435727
Conc: 47.14 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.001 min
Response: 71002042
Conc: 46.78 ng/ml



#5 Aldrin

R.T.: 5.217 min
Delta R.T.: 0.013 min
Response: 148802398
Conc: 48.39 ng/ml

Instrument :

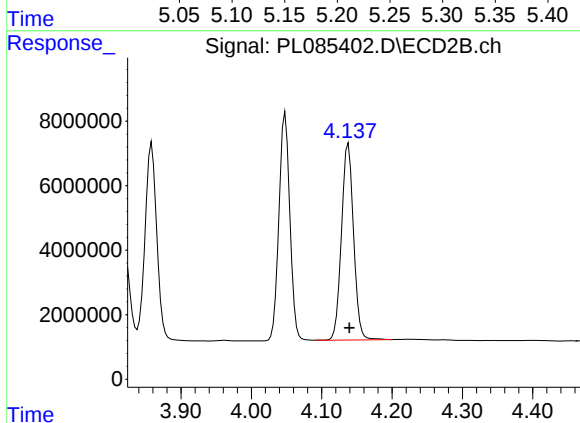
ECD_L

ClientSampleId :

PSTDCCC050

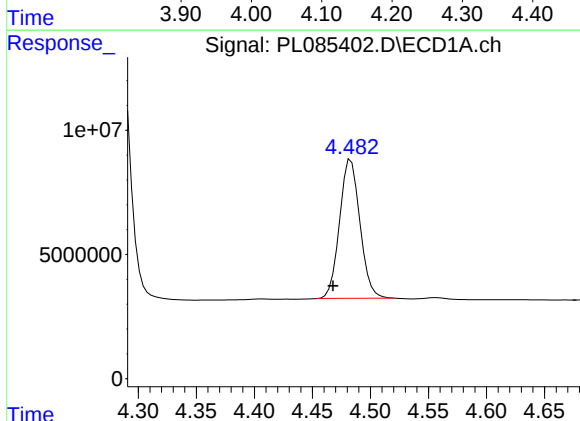
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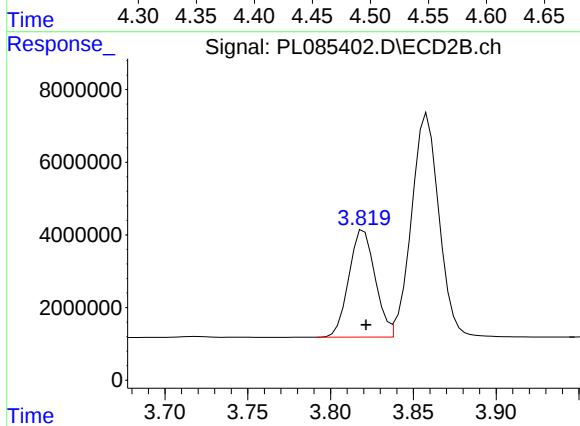
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.001 min
Response: 72871284
Conc: 47.67 ng/ml



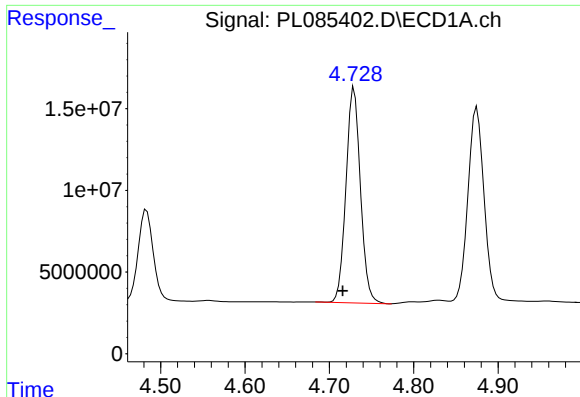
#6 beta-BHC

R.T.: 4.482 min
Delta R.T.: 0.014 min
Response: 68323672
Conc: 48.34 ng/ml m



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.001 min
Response: 32553889
Conc: 47.98 ng/ml



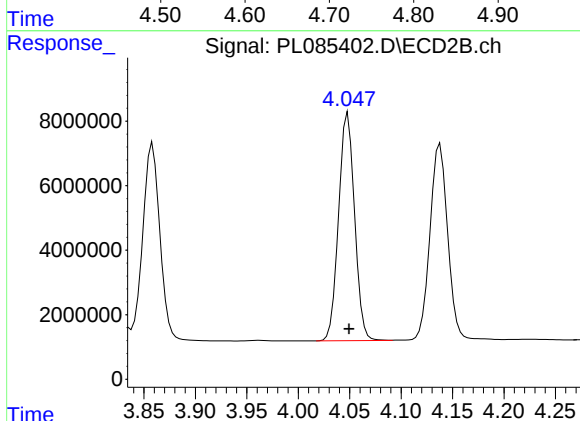
#7 delta-BHC

R.T.: 4.729 min
Delta R.T.: 0.013 min
Response: 157414607
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

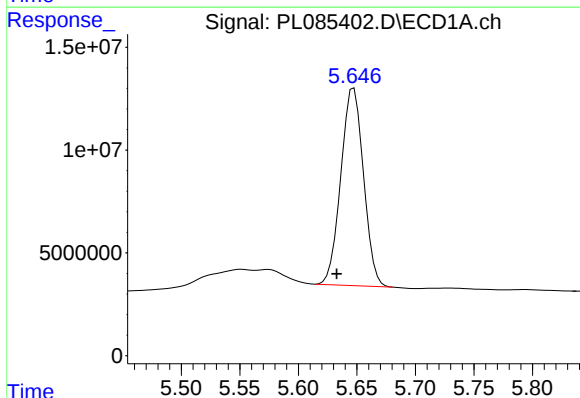
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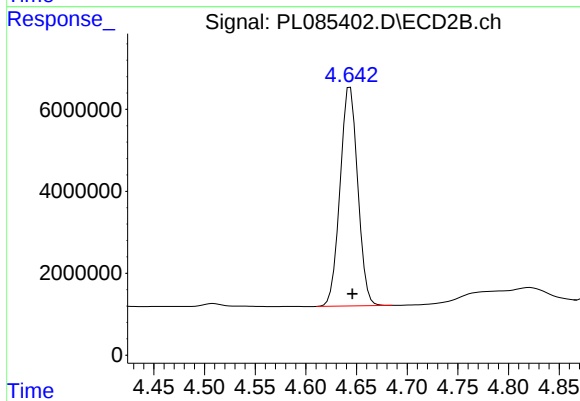
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.001 min
Response: 76349740
Conc: 48.83 ng/ml



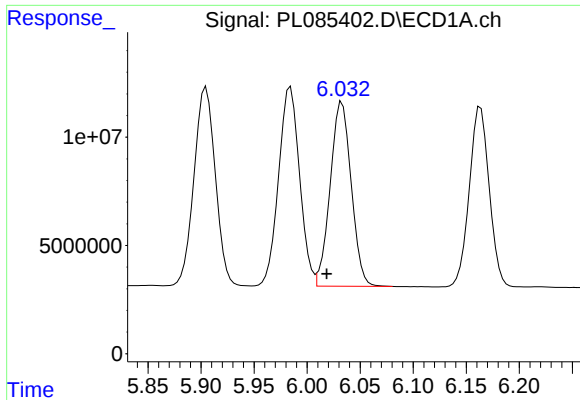
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: 0.013 min
Response: 129490000
Conc: 49.61 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.002 min
Response: 64816607
Conc: 47.23 ng/ml



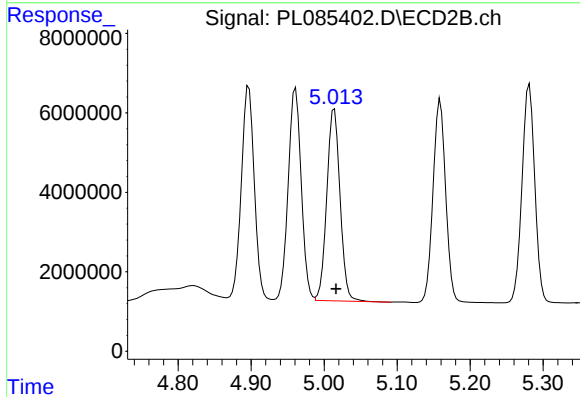
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.014 min
Response: 117622262
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

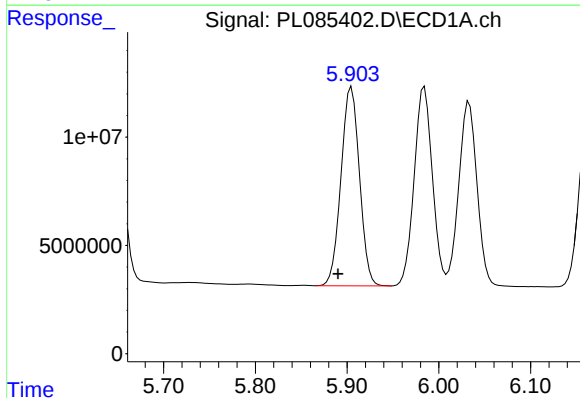
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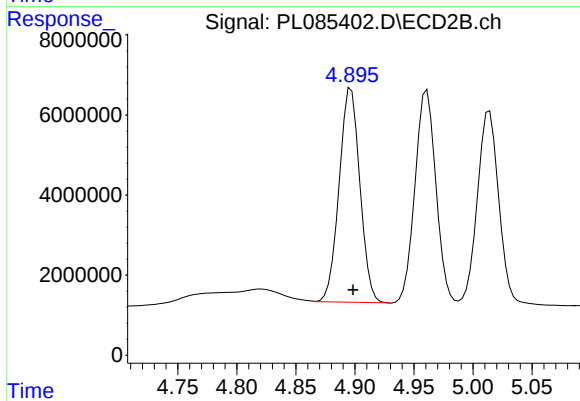
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 60958957
Conc: 44.03 ng/ml



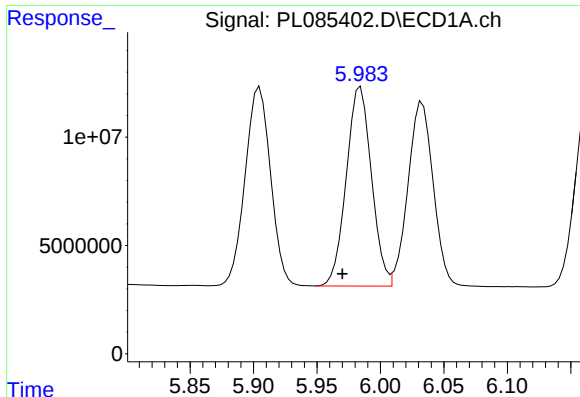
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.015 min
Response: 128445625
Conc: 49.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.002 min
Response: 65480515
Conc: 47.47 ng/ml



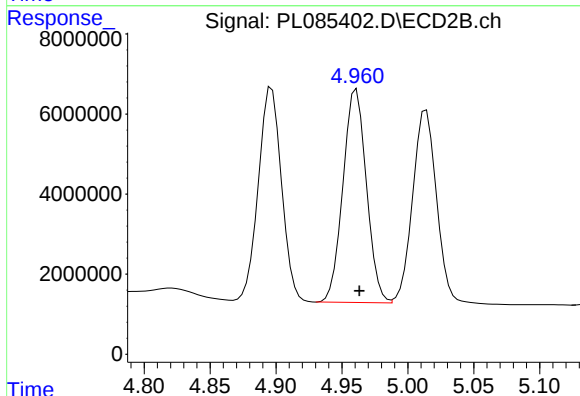
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.014 min
Response: 126923626
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

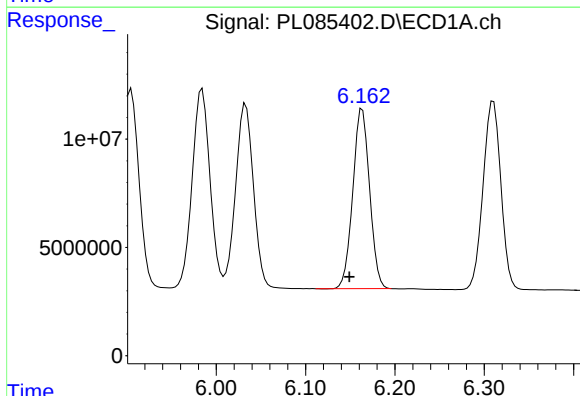
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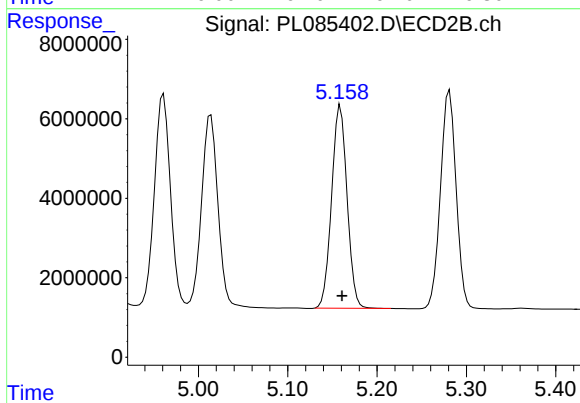
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 65951332
Conc: 44.13 ng/ml



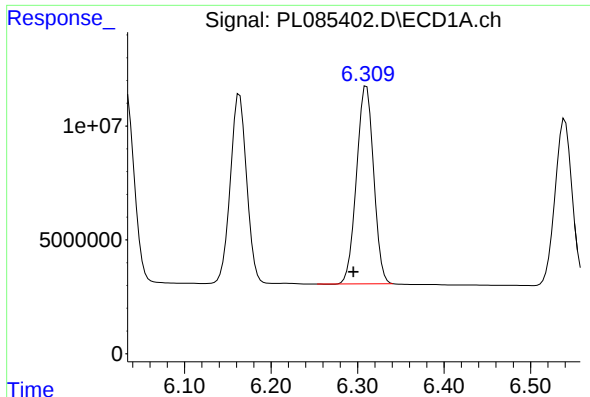
#12 4,4'-DDE

R.T.: 6.164 min
Delta R.T.: 0.015 min
Response: 108557120
Conc: 52.22 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 61406787
Conc: 49.36 ng/ml



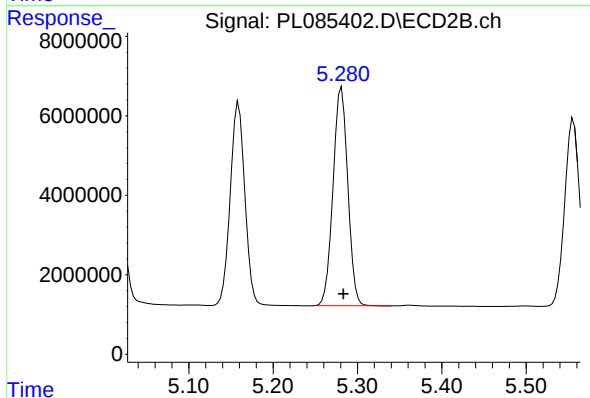
#13 Dieldrin

R.T.: 6.310 min
Delta R.T.: 0.015 min
Response: 119568774
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

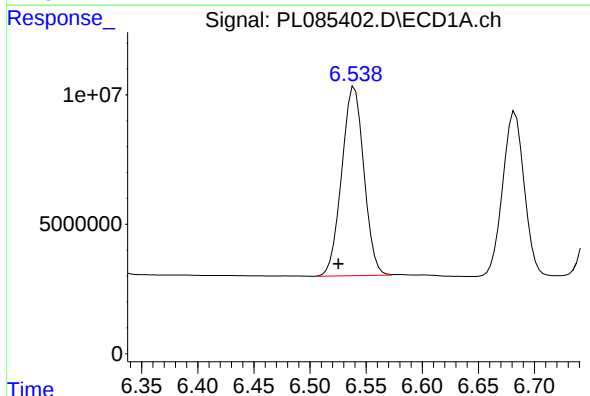
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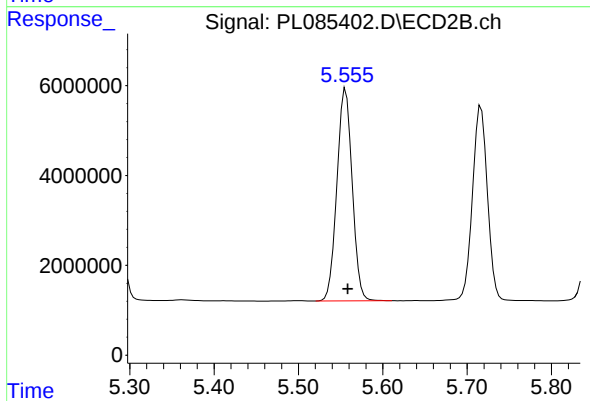
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 66914230
Conc: 47.60 ng/ml



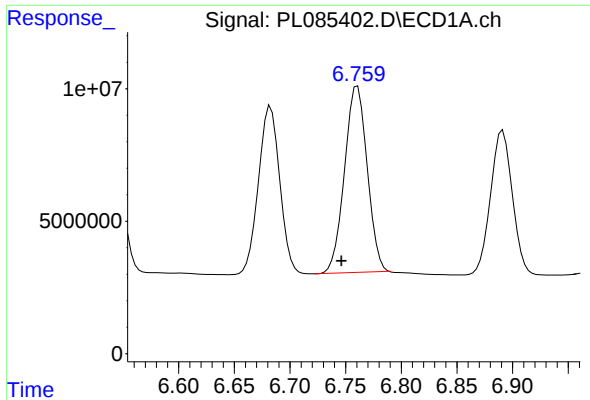
#14 Endrin

R.T.: 6.538 min
Delta R.T.: 0.013 min
Response: 100350723
Conc: 48.58 ng/ml m



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 59511811
Conc: 46.56 ng/ml



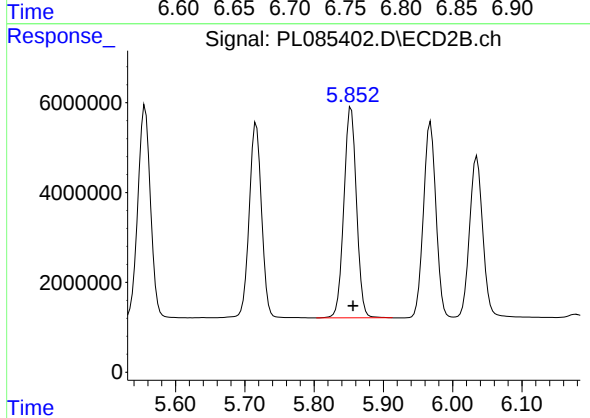
#15 Endosulfan II

R.T.: 6.761 min
Delta R.T.: 0.014 min
Response: 99822278
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

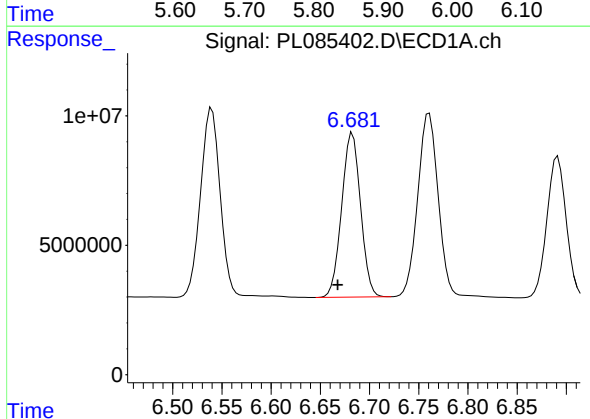
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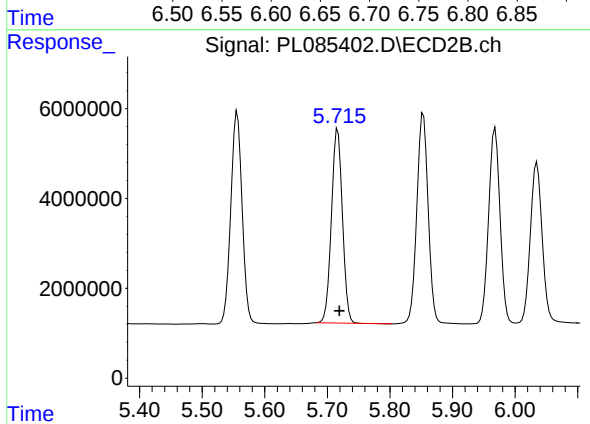
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 59348142
Conc: 47.93 ng/ml



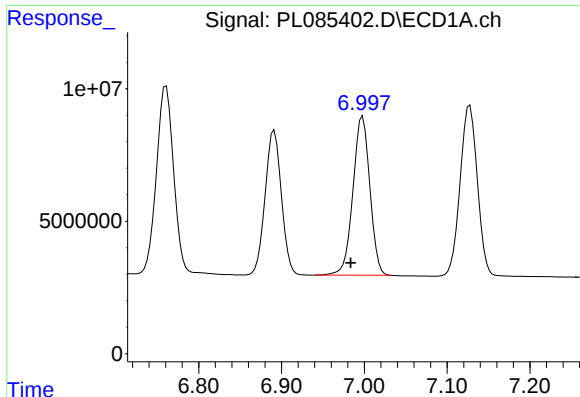
#16 4,4'-DDD

R.T.: 6.683 min
Delta R.T.: 0.015 min
Response: 84683045
Conc: 55.00 ng/ml



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 52829379
Conc: 50.28 ng/ml



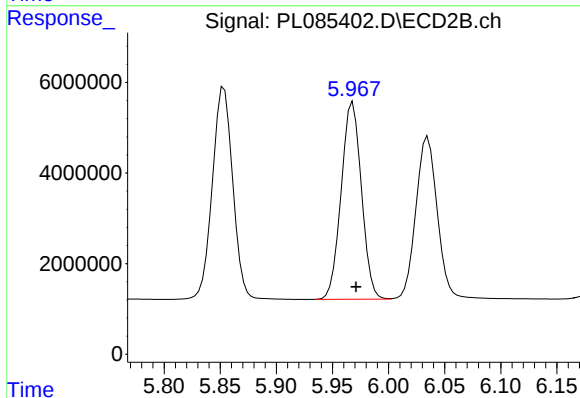
#17 4,4'-DDT

R.T.: 6.998 min
Delta R.T.: 0.014 min
Response: 85268419
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

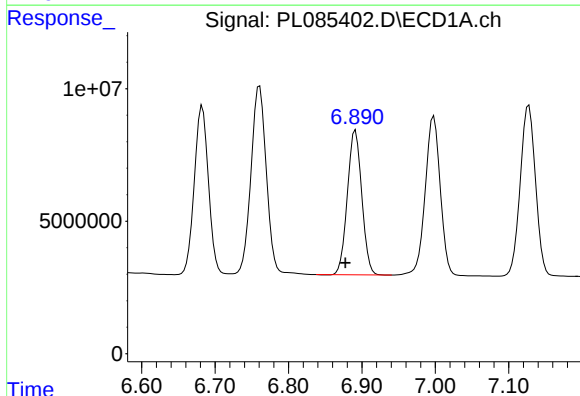
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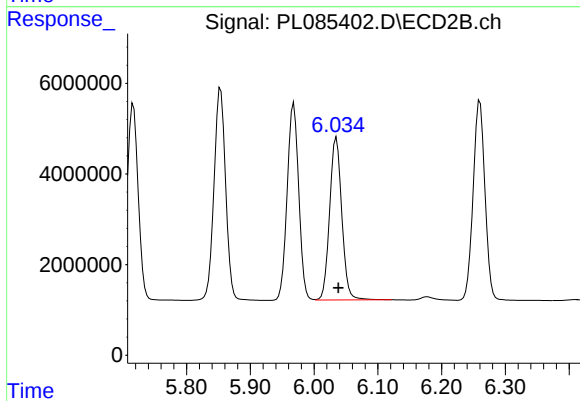
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.003 min
Response: 54665226
Conc: 46.89 ng/ml



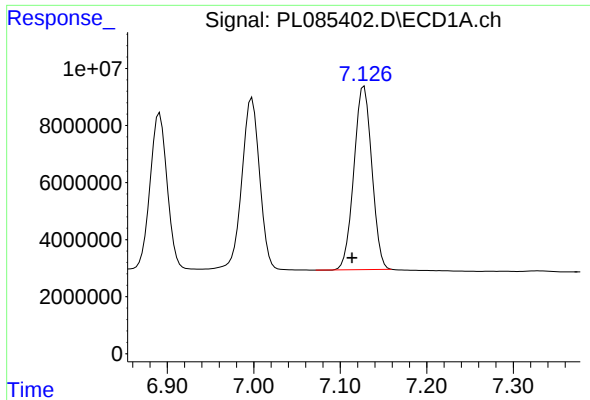
#18 Endrin aldehyde

R.T.: 6.891 min
Delta R.T.: 0.014 min
Response: 74441301
Conc: 48.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 47699467
Conc: 46.70 ng/ml



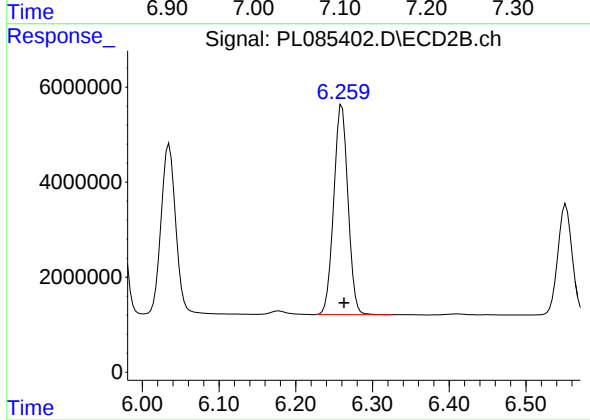
#19 Endosulfan Sulfate

R.T.: 7.128 min
Delta R.T.: 0.014 min
Response: 92465384
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

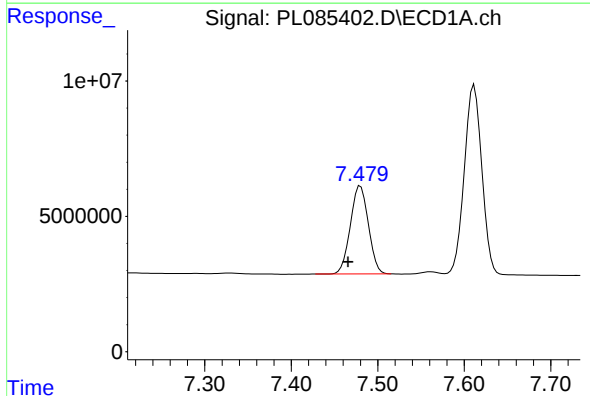
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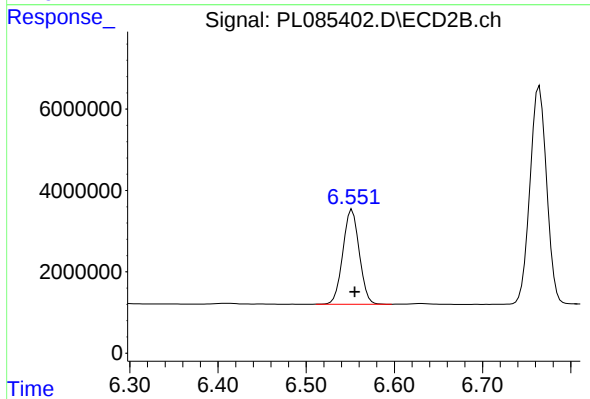
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 56873128
Conc: 47.39 ng/ml



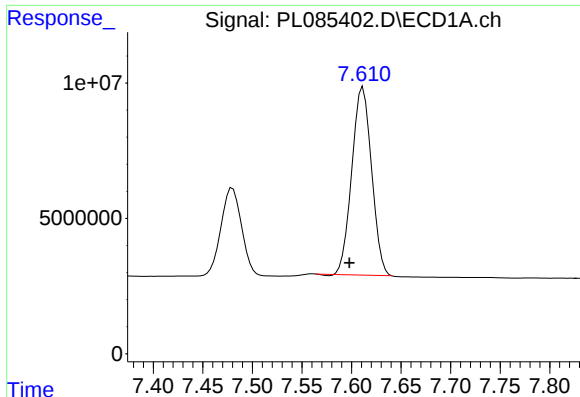
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.014 min
Response: 46988529
Conc: 51.72 ng/ml



#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 30143184
Conc: 44.81 ng/ml



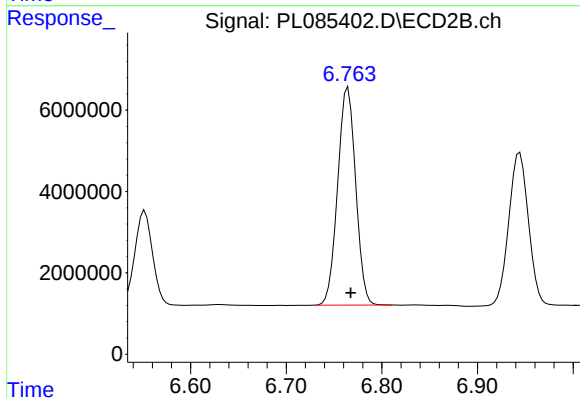
#21 Endrin ketone

R.T.: 7.612 min
Delta R.T.: 0.013 min
Response: 96309850
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

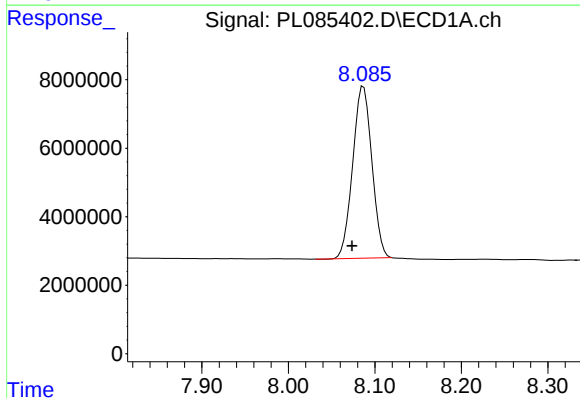
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2023
Supervised By :Ankita Jodhani 09/19/2023



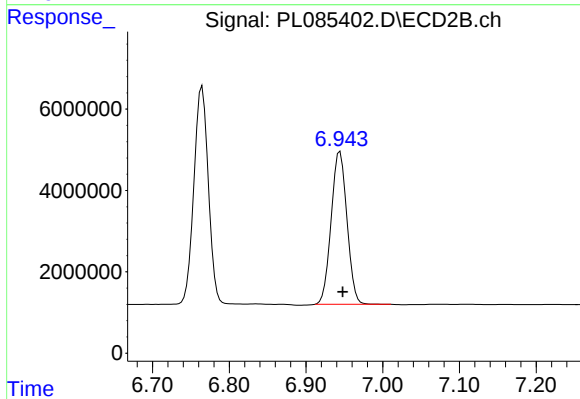
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 70191480
Conc: 47.59 ng/ml



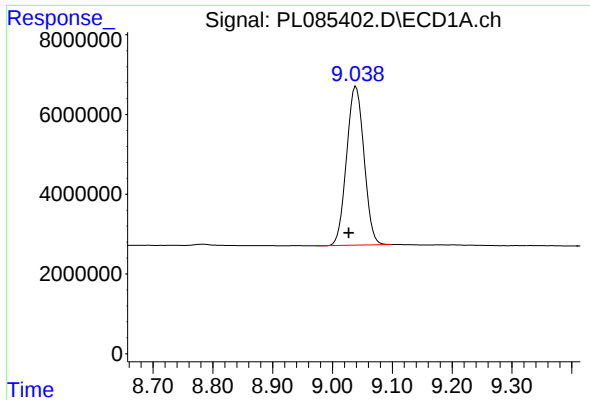
#22 Mirex

R.T.: 8.087 min
Delta R.T.: 0.013 min
Response: 77257496
Conc: 46.39 ng/ml



#22 Mirex

R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 53804733
Conc: 45.43 ng/ml



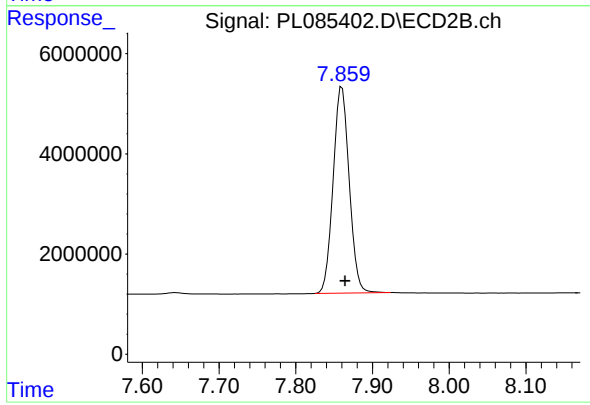
#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.012 min
Response: 80431352
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.860 min
Delta R.T.: -0.004 min
Response: 60029314
Conc: 45.10 ng/ml