

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 14:42
 Operator : AR\AJ
 Sample : 04621-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-287MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/28/2023
 Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:34:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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...	3.412	2.650	33674035	16654746	13.093m	14.678m
28) SA Decachlor...	8.945	7.825	28725549	18362511	13.998	15.466
Target Compounds						
2) A alpha-BHC	3.870	3.154	133.1E6	66563276	36.427	40.251
3) MA gamma-BHC...	4.201	3.484	139.5E6	67331316	39.336m	41.992
4) MA Heptachlor	4.792	3.823	138.9E6	70444303	41.147	46.089
5) MB Aldrin	5.131	4.102	157.5E6	64932009	46.943m	42.551
6) B beta-BHC	4.404	3.787	68465026	27022190	43.843m	40.065
7) B delta-BHC	4.649	4.014	140.7E6	65350548	40.940	42.206
8) B Heptachlo...	5.562	4.608	166.5E6	70358427	58.009m	52.198
9) A Endosulfan I	5.946	4.977	114.4E6	53543528	41.865m	41.912
10) B gamma-Chl...	5.822	4.860	286.4E6	123.2E6	98.684	91.842
11) B alpha-Chl...	5.902	4.924	406.1E6	156.6E6	140.679	113.883
12) B 4,4'-DDE	6.083	5.124	135.7E6	80316017	54.620	66.716
13) MA Dieldrin	6.225	5.244	131.9E6	64450993	46.489	47.164
14) MA Endrin	6.453	5.518	90477501	59377756	37.972m	49.169 #
15) B Endosulfa...	6.676	5.818	101.3E6	72019683	38.793	59.776 #
16) A 4,4'-DDD	6.601	5.681	75073211	42632178	37.432m	42.508
17) MA 4,4'-DDT	6.917	5.933	171.7E6	92688621	81.784	86.321
18) B Endrin al...	6.808	5.999	75350129	39646804	41.788	40.331
19) B Endosulfa...	7.044	6.223	90652557	47205681	39.148	41.662
20) A Methoxychlor	7.402	6.520	73063915	35225822	54.852	55.558
21) B Endrin ke...	7.528	6.727	99306743	52148885	39.855	33.316
22) Mirex	8.002	6.906	77715960	41216917	39.321	36.481

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
Data File : PL085540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2023 14:42
Operator : AR\AJ
Sample : 04621-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ETGI-287MSD

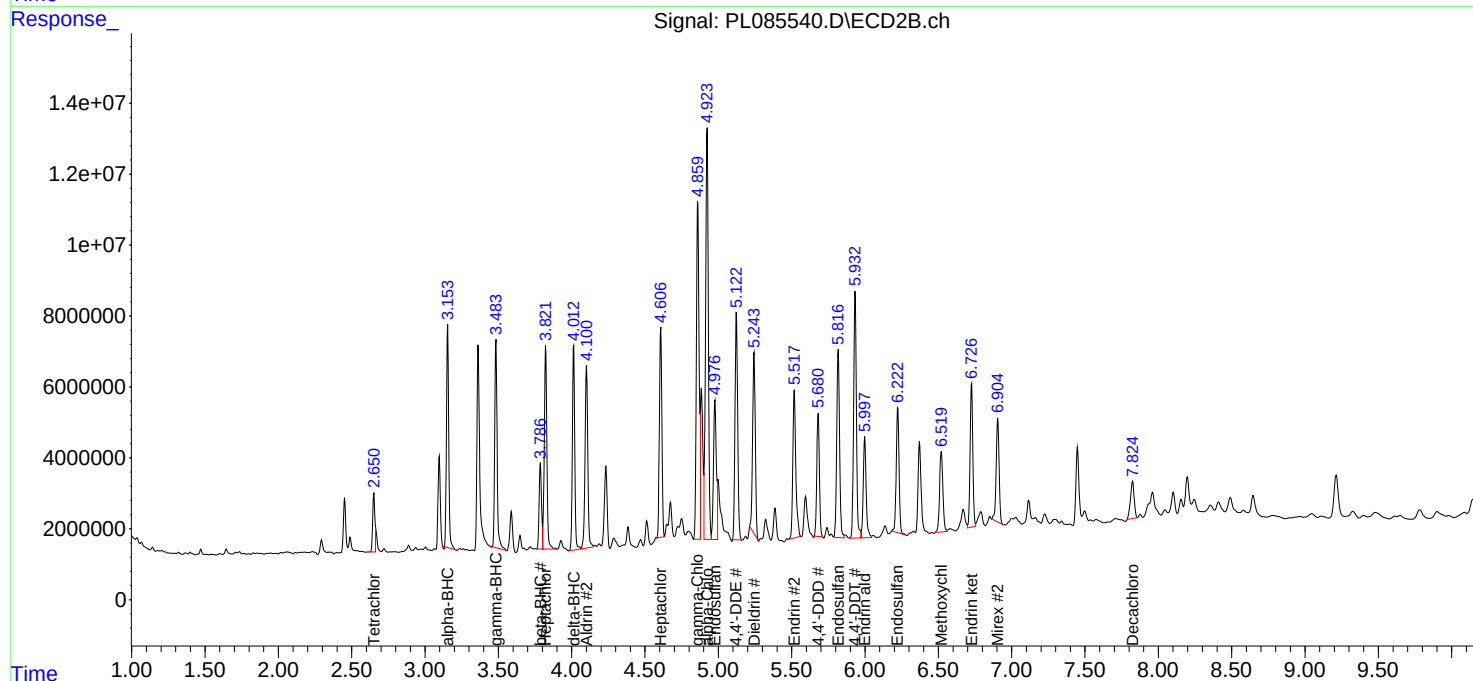
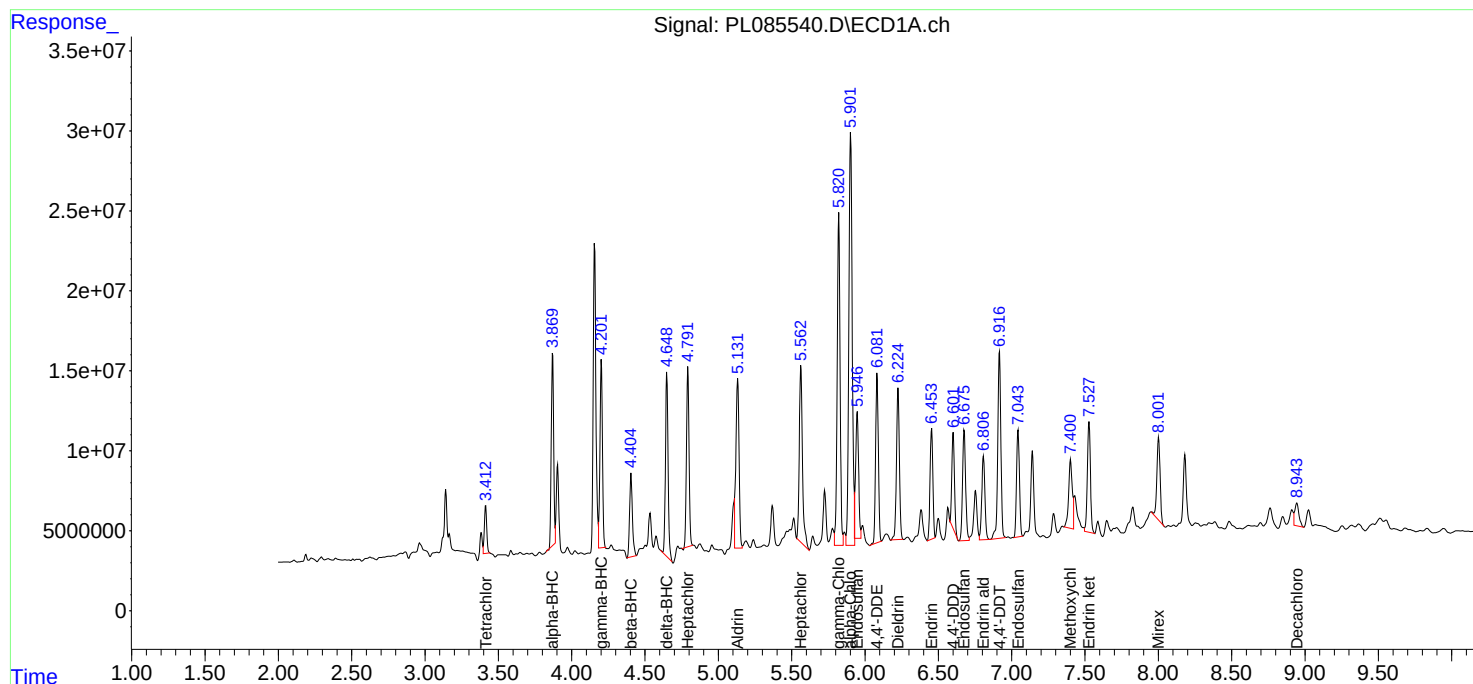
Manual Integrations

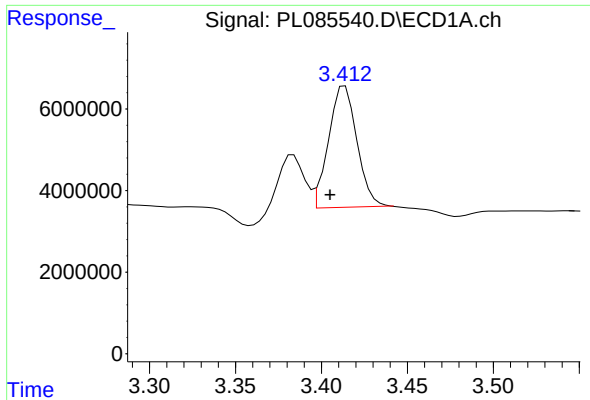
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Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 21:34:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 26 01:26:21 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





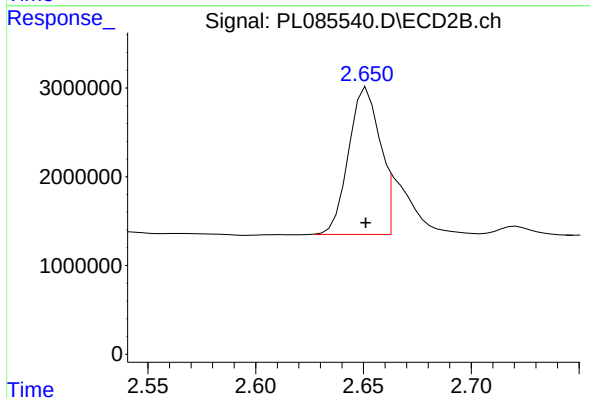
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.007 min
Response: 33674035
Conc: 13.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

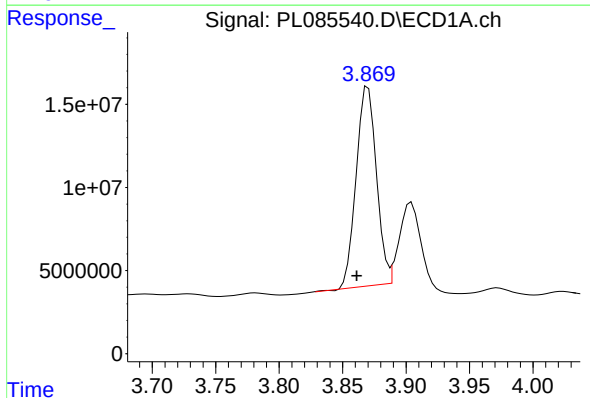
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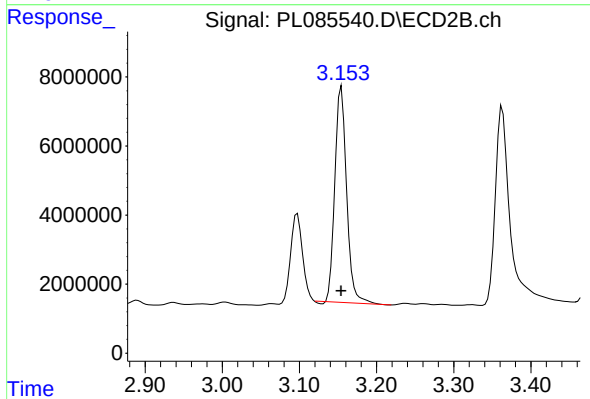
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 16654746
Conc: 14.68 ng/ml m



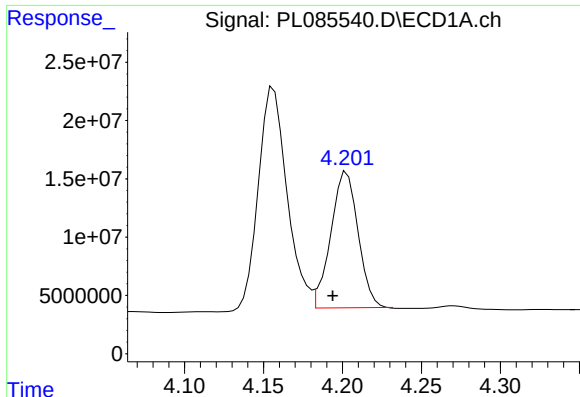
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 133062905
Conc: 36.43 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 66563276
Conc: 40.25 ng/ml



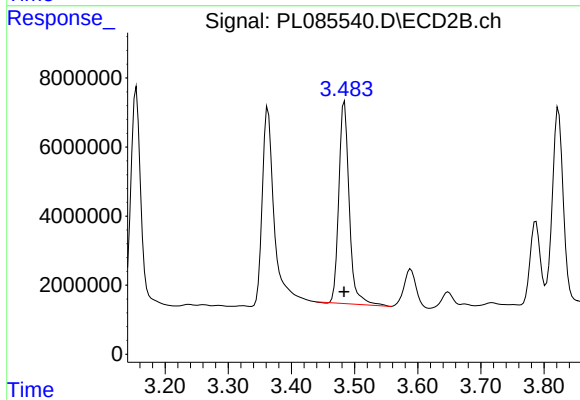
#3 gamma-BHC (Lindane)

R.T.: 4.201 min
Delta R.T.: 0.008 min
Response: 139502977
Conc: 39.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

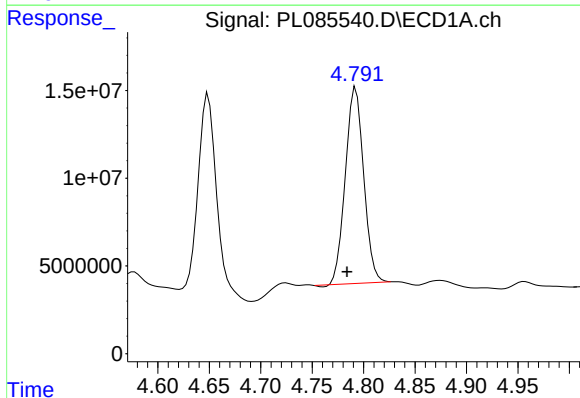
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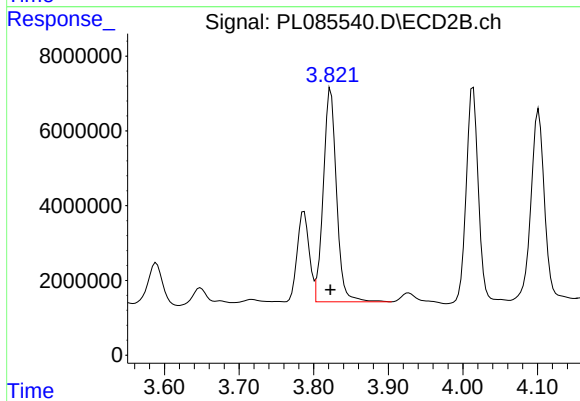
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 67331316
Conc: 41.99 ng/ml



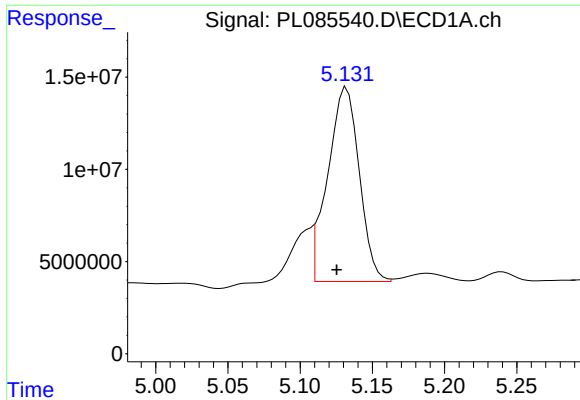
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: 0.008 min
Response: 138886675
Conc: 41.15 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 70444303
Conc: 46.09 ng/ml



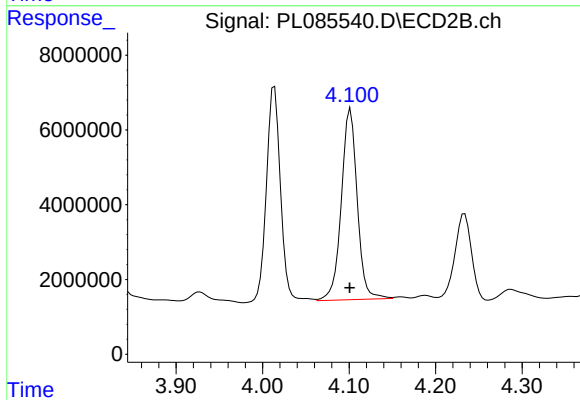
#5 Aldrin

R.T.: 5.131 min
Delta R.T.: 0.005 min
Response: 157462331
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

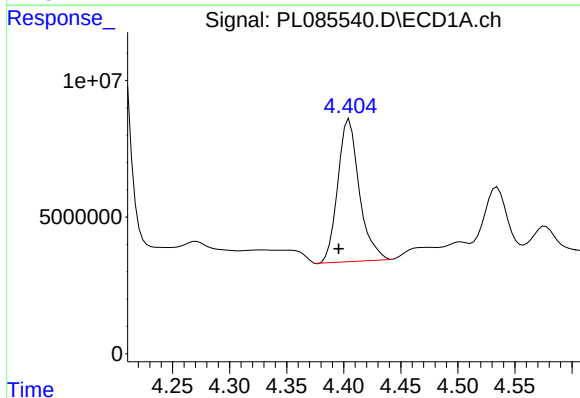
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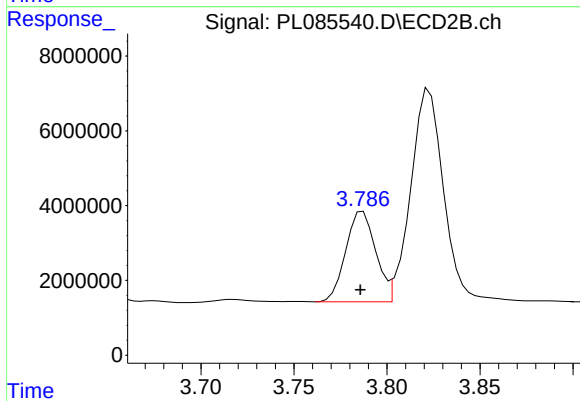
#5 Aldrin

R.T.: 4.102 min
Delta R.T.: 0.000 min
Response: 64932009
Conc: 42.55 ng/ml



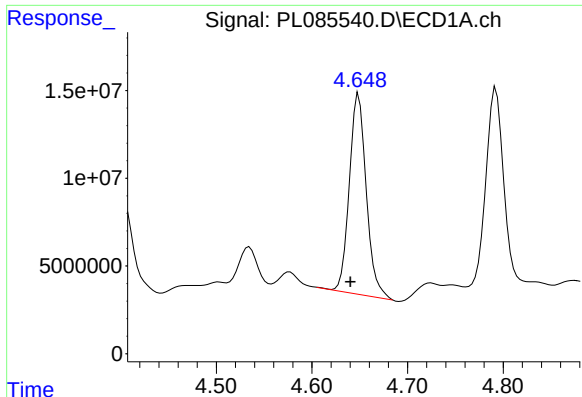
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.008 min
Response: 68465026
Conc: 43.84 ng/ml m



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 27022190
Conc: 40.06 ng/ml



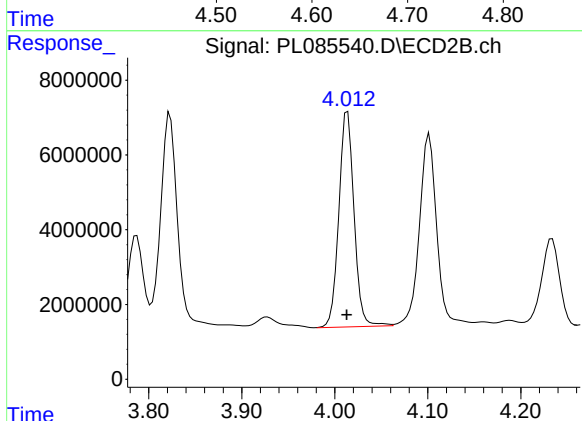
#7 delta-BHC

R.T.: 4.649 min
Delta R.T.: 0.009 min
Response: 140749773
Conc: 40.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

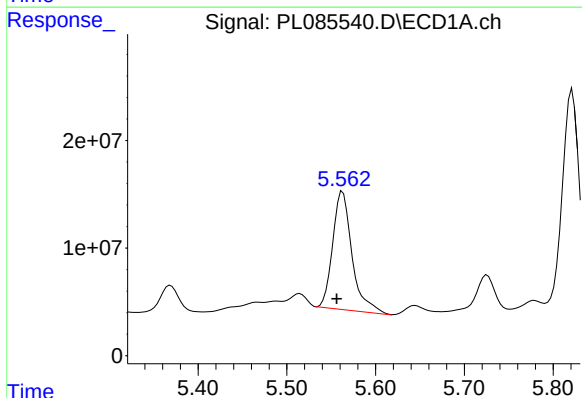
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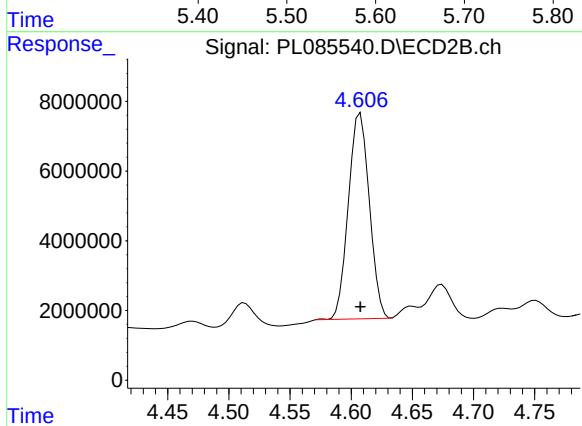
#7 delta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 65350548
Conc: 42.21 ng/ml



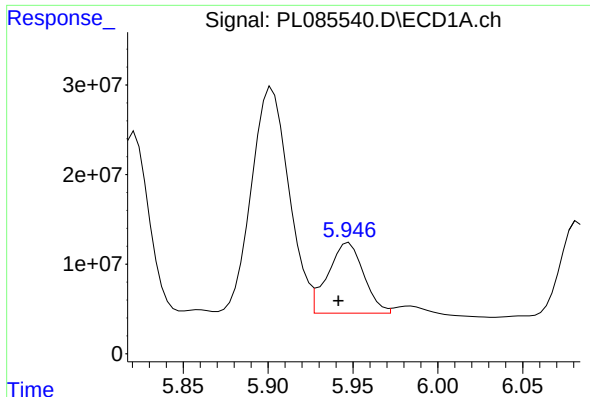
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: 0.006 min
Response: 166532871
Conc: 58.01 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 70358427
Conc: 52.20 ng/ml



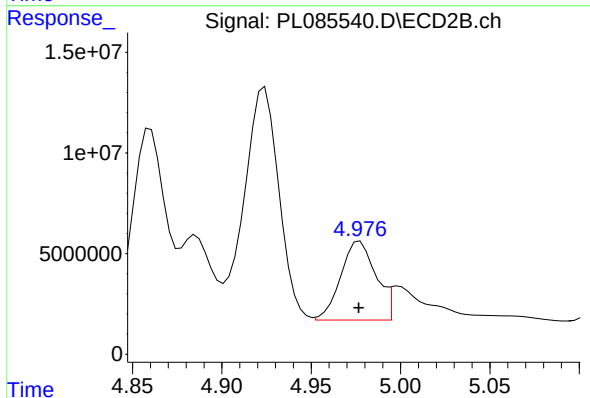
#9 Endosulfan I

R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 114360228
Conc: 41.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

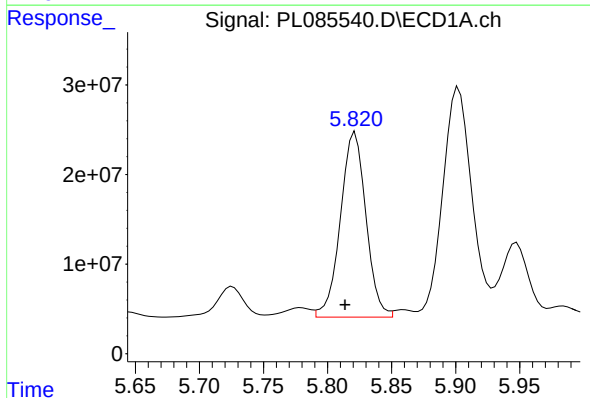
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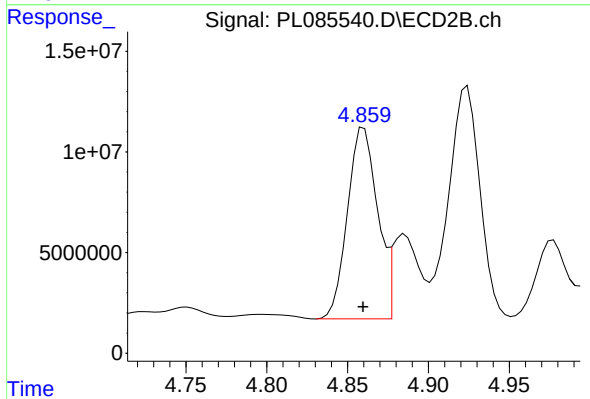
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 53543528
Conc: 41.91 ng/ml



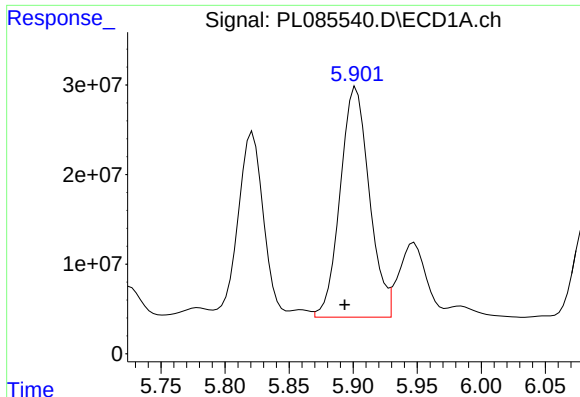
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.008 min
Response: 286389697
Conc: 98.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 123194361
Conc: 91.84 ng/ml



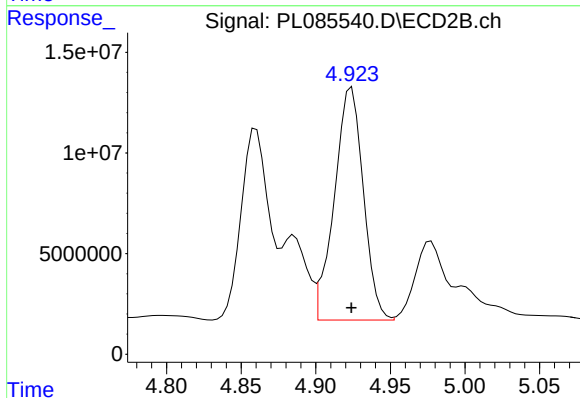
#11 alpha-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.009 min
Response: 406092638
Conc: 140.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

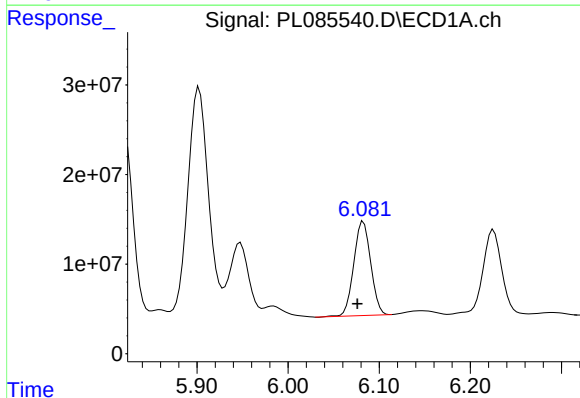
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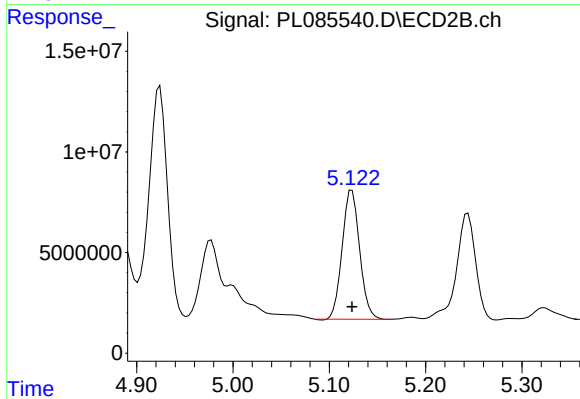
#11 alpha-Chlordane

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 156572657
Conc: 113.88 ng/ml



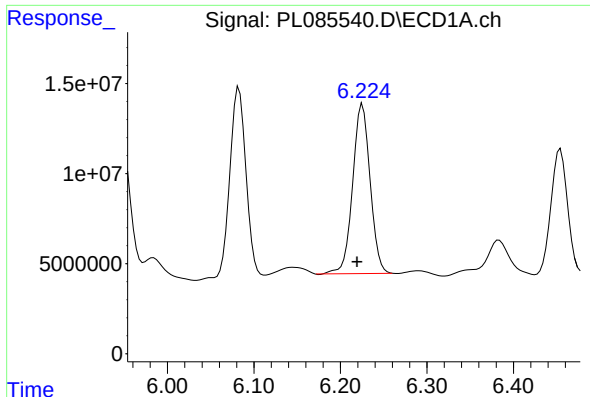
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 135668060
Conc: 54.62 ng/ml



#12 4,4'-DDE

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 80316017
Conc: 66.72 ng/ml



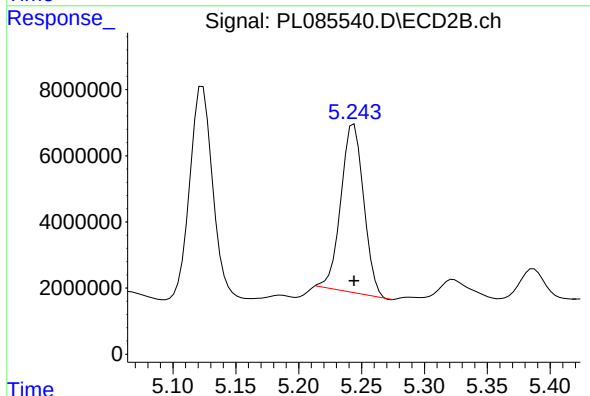
#13 Dieldrin

R.T.: 6.225 min
Delta R.T.: 0.006 min
Response: 131859586
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

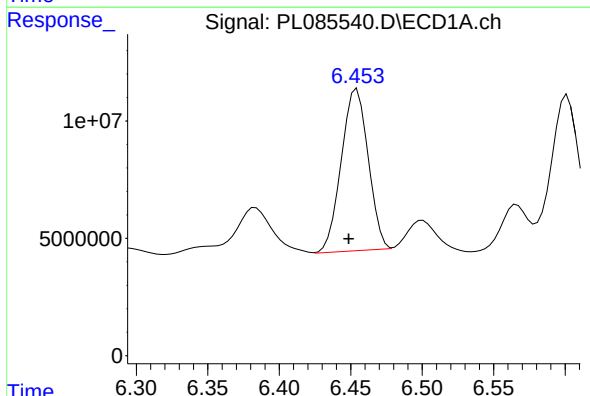
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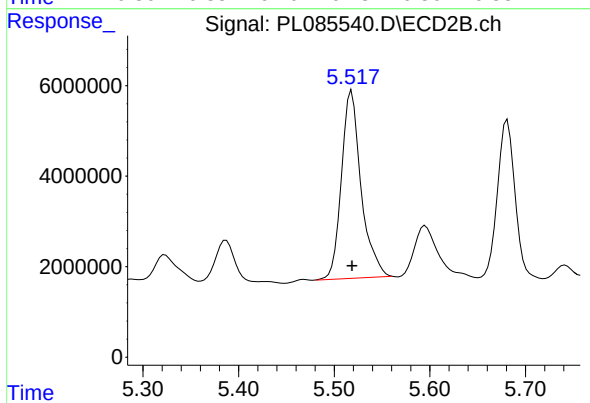
#13 Dieldrin

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 64450993
Conc: 47.16 ng/ml



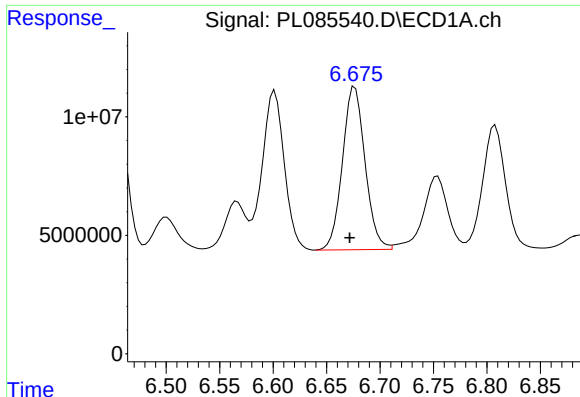
#14 Endrin

R.T.: 6.453 min
Delta R.T.: 0.004 min
Response: 90477501
Conc: 37.97 ng/ml m



#14 Endrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 59377756
Conc: 49.17 ng/ml



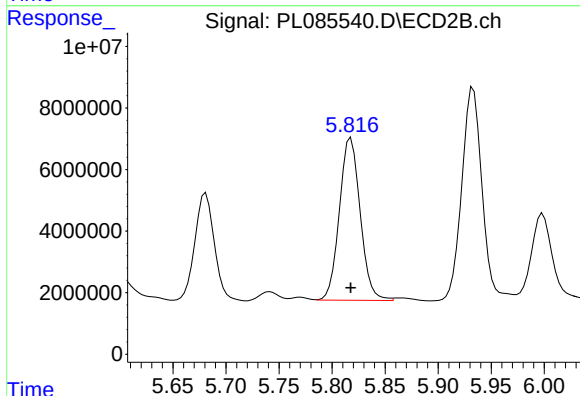
#15 Endosulfan II

R.T.: 6.676 min
Delta R.T.: 0.005 min
Response: 101345550
Conc: 38.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

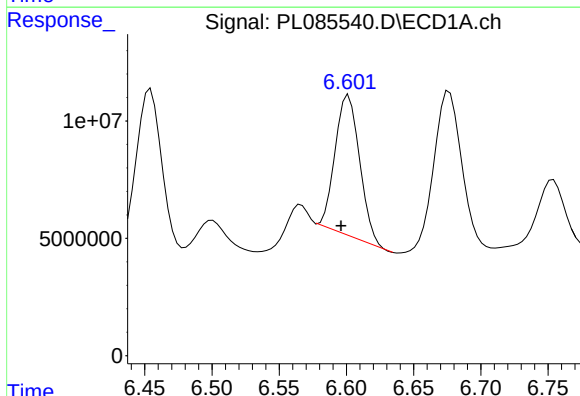
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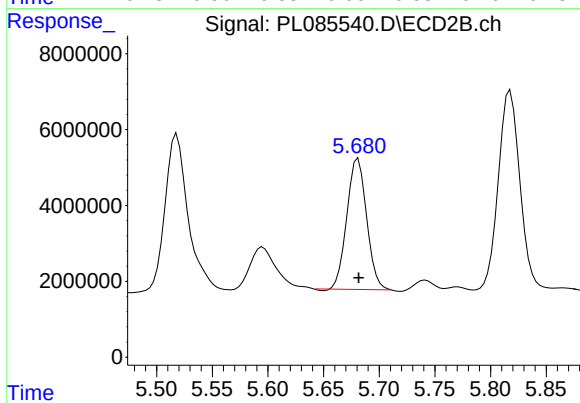
#15 Endosulfan II

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 72019683
Conc: 59.78 ng/ml



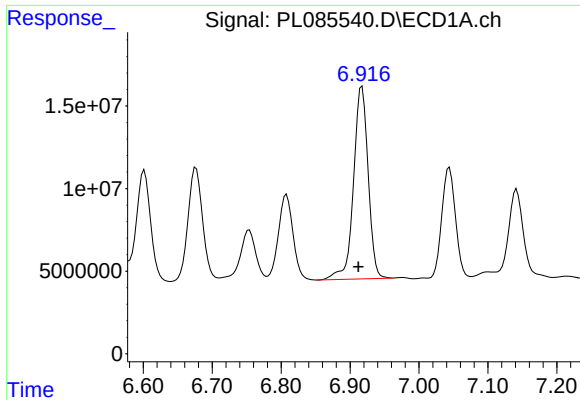
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: 0.005 min
Response: 75073211
Conc: 37.43 ng/ml m



#16 4,4'-DDD

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 42632178
Conc: 42.51 ng/ml



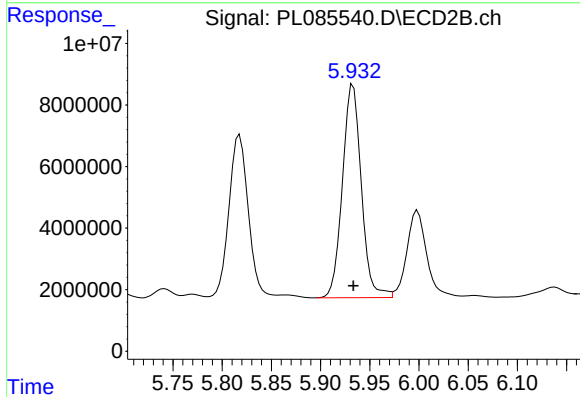
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.005 min
Response: 171701523
Conc: 81.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

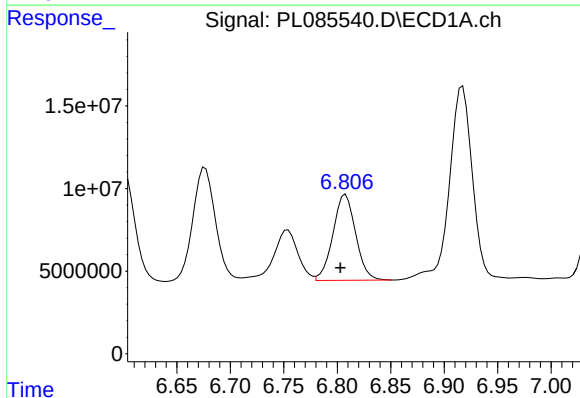
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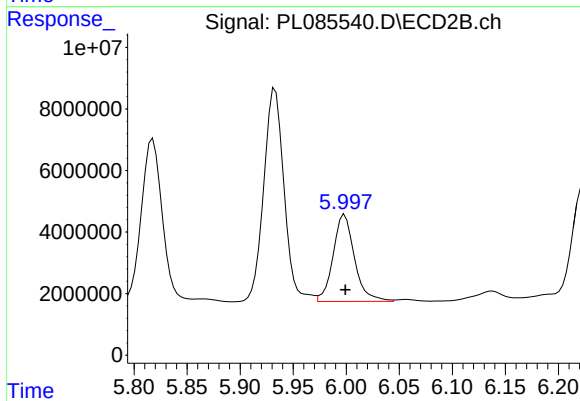
#17 4,4'-DDT

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 92688621
Conc: 86.32 ng/ml



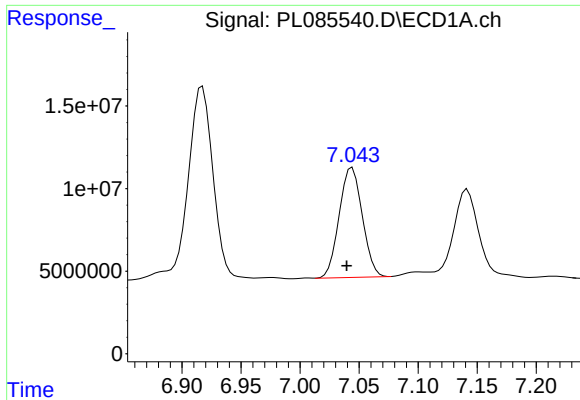
#18 Endrin aldehyde

R.T.: 6.808 min
Delta R.T.: 0.005 min
Response: 75350129
Conc: 41.79 ng/ml



#18 Endrin aldehyde

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 39646804
Conc: 40.33 ng/ml



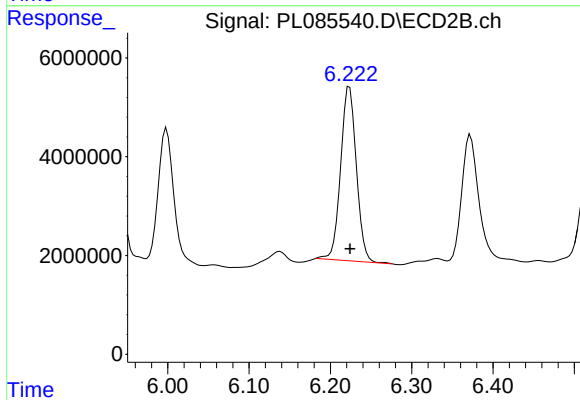
#19 Endosulfan Sulfate

R.T.: 7.044 min
Delta R.T.: 0.005 min
Response: 90652557
Conc: 39.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

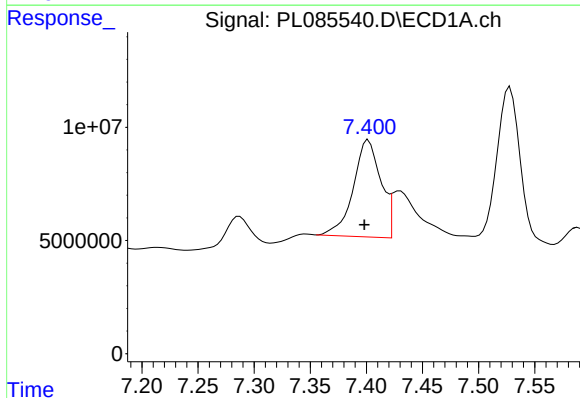
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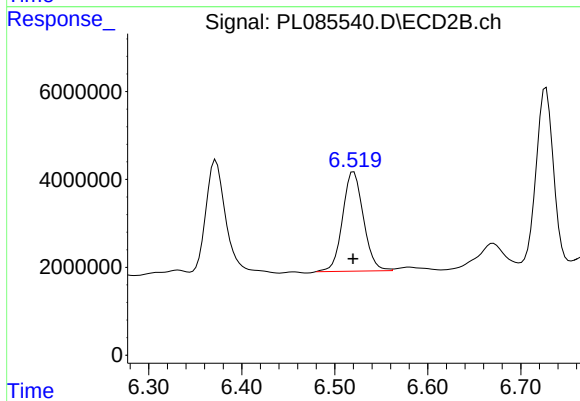
#19 Endosulfan Sulfate

R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 47205681
Conc: 41.66 ng/ml



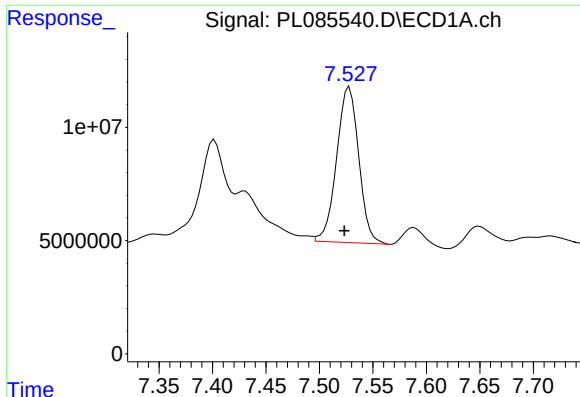
#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: 0.004 min
Response: 73063915
Conc: 54.85 ng/ml



#20 Methoxychlor

R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 35225822
Conc: 55.56 ng/ml



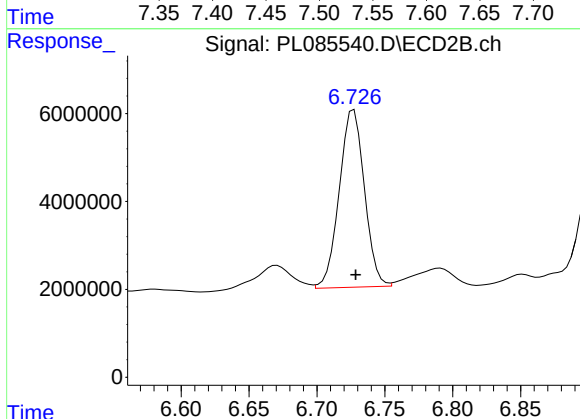
#21 Endrin ketone

R.T.: 7.528 min
Delta R.T.: 0.005 min
Response: 99306743
Conc: 39.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

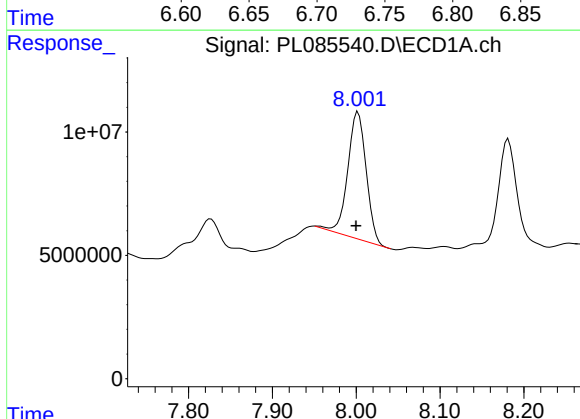
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Supervised By :Ankita Jodhani 09/28/2023



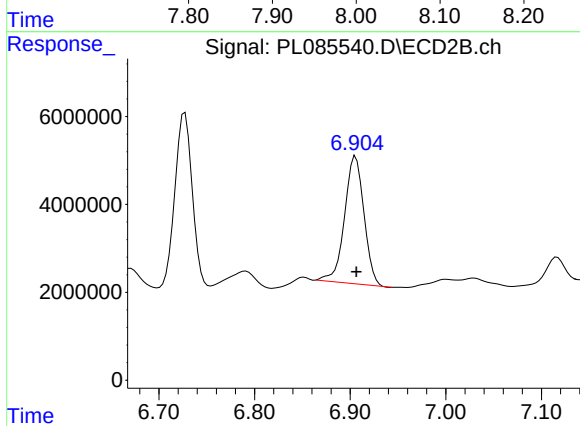
#21 Endrin ketone

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 52148885
Conc: 33.32 ng/ml



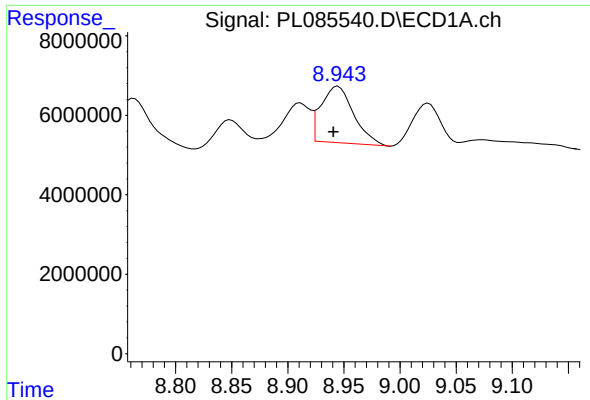
#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.003 min
Response: 77715960
Conc: 39.32 ng/ml



#22 Mirex

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 41216917
Conc: 36.48 ng/ml



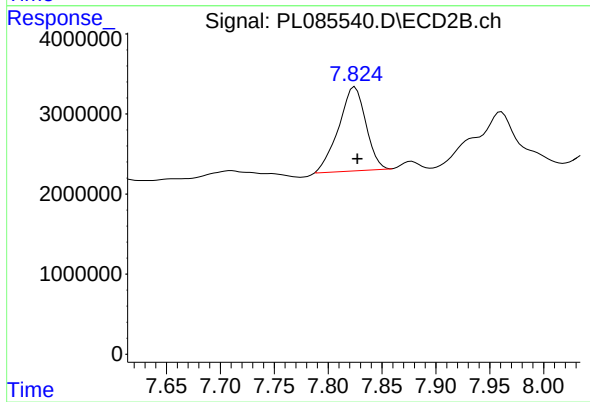
#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: 0.004 min
Response: 28725549
Conc: 14.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 09/28/2023



#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 18362511
Conc: 15.47 ng/ml