

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101323\
 Data File : PL085931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2023 21:30
 Operator : AR\AJ
 Sample : 04878-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 222MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2023
 Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:28:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.622	24922957	11259216	8.380m	12.053m#
28)	SA Decachlor...	8.859	7.774	42610236	15880711	19.563	17.206
Target Compounds							
2)	A alpha-BHC	3.809	3.122	120.3E6	46751316	28.031m	37.159 #
3)	MA gamma-BHC...	4.141	3.450	121.4E6	48999149	29.367m	39.729 #
4)	MA Heptachlor	4.729	3.784	110.8E6	45689348	28.658m	39.284m#
5)	MB Aldrin	5.070	4.062	118.8E6	48411301	30.643	43.291m#
6)	B beta-BHC	4.346	3.750	47823247	20997387	28.920	40.334m#
7)	B delta-BHC	4.588	3.977	125.2E6	44462870	32.648	38.698
8)	B Heptachlo...	5.499	4.567	114.5E6	40744288	33.189	40.566
9)	A Endosulfan I	5.882	4.935	89579336	45492666	27.699m	42.408 #
10)	B gamma-Chl...	5.756	4.817	108.9E6	37653215	31.837m	38.019m
11)	B alpha-Chl...	5.836	4.882	125.3E6	39428831	36.673m	36.149m
12)	B 4,4'-DDE	6.018	5.082	102.6E6	40802163	36.676m	49.690 #
13)	MA Dieldrin	6.160	5.201	112.0E6	46421119	34.078	47.846 #
14)	MA Endrin	6.389	5.474	120.8E6	40741368	42.374	45.318
15)	B Endosulfa...	6.611	5.772	112.8E6	43142797	40.949	45.368
16)	A 4,4'-DDD	6.537	5.636	79506399	36999842	39.464m	53.157m#
17)	MA 4,4'-DDT	6.853	5.888	108.1E6	40992024	45.860	51.839
18)	B Endrin al...	6.742	5.953	85939484	31800554	42.402	42.645
19)	B Endosulfa...	6.979	6.177	106.4E6	40328293	42.382	44.704
20)	A Methoxychlor	7.337	6.472	50353664	22438593	36.054m	42.653
21)	B Endrin ke...	7.460	6.678	128.7E6	46921179	44.668	40.822m
22)	Mirex	7.933	6.856	141.4E6	43140142	63.888	45.739 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101323\
Data File : PL085931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2023 21:30
Operator : AR\AJ
Sample : 04878-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

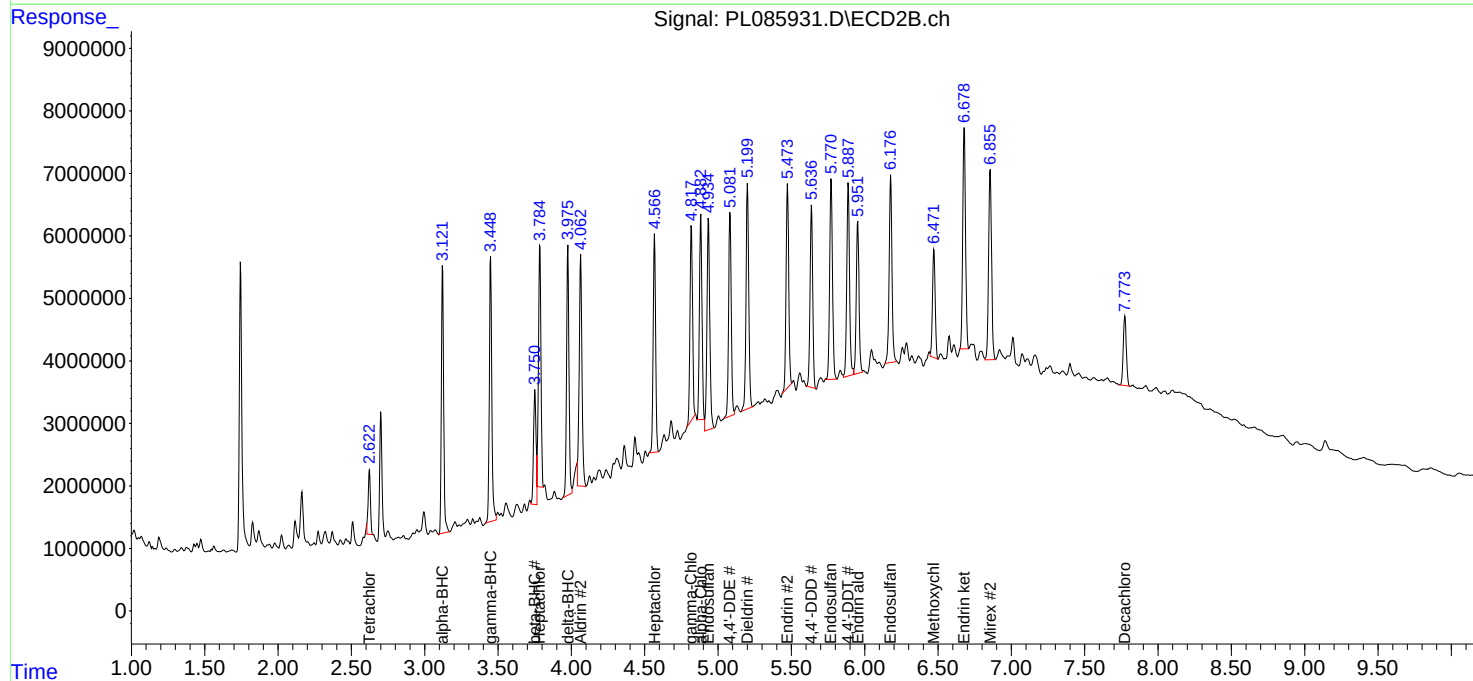
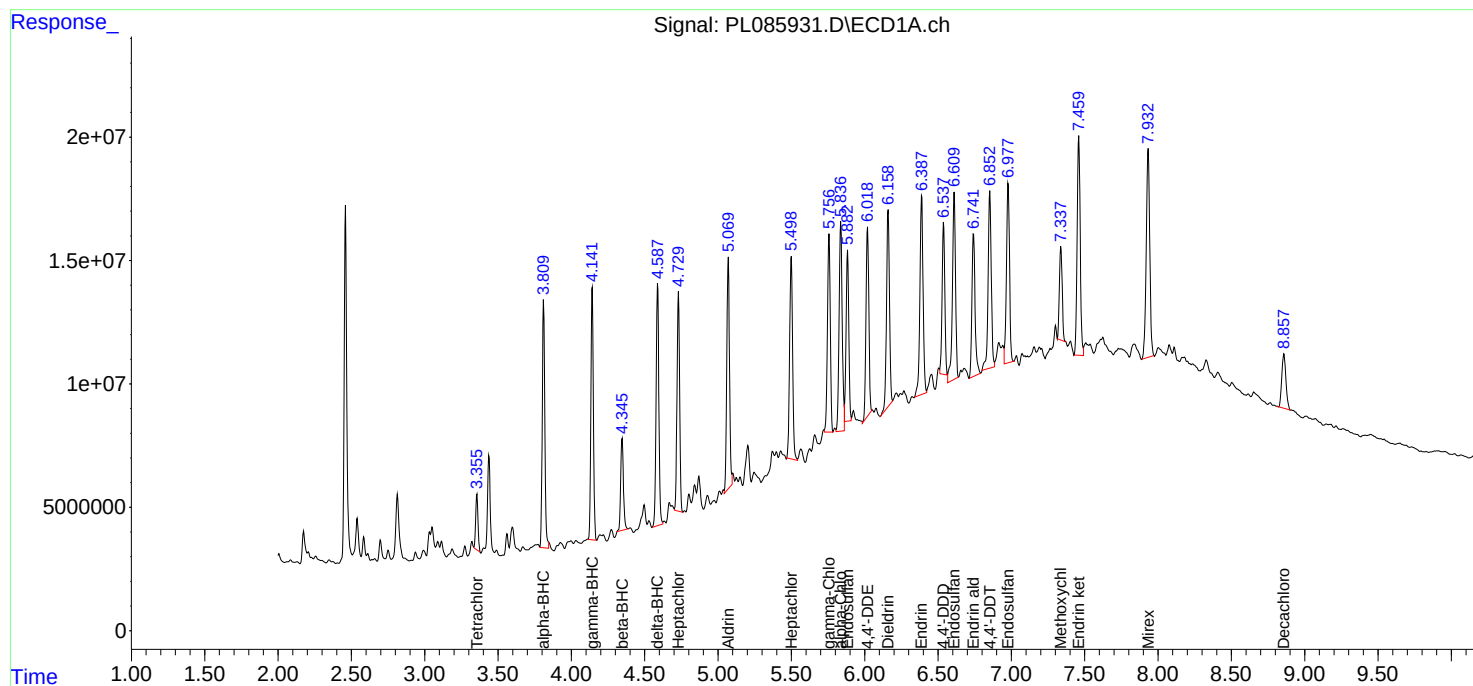
Instrument :
ECD_L
ClientSampleId :
222MS

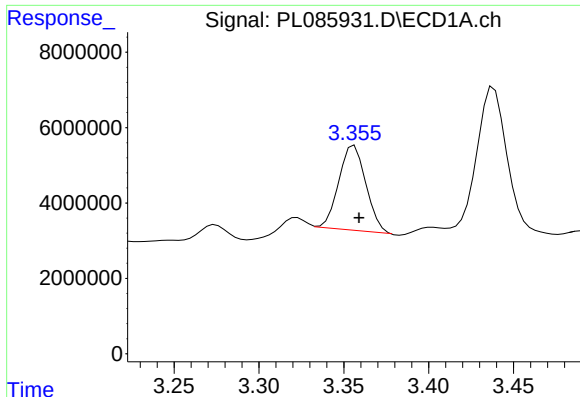
Manual Integrations
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Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:28:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





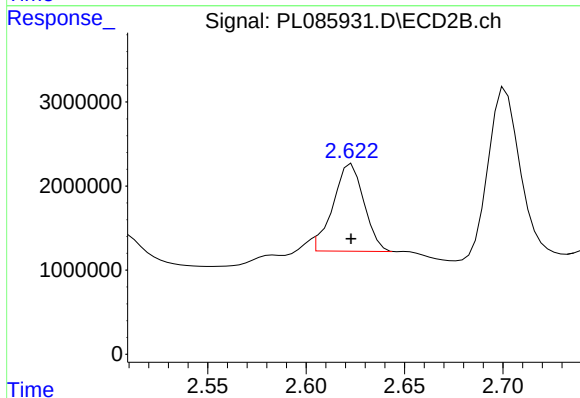
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 24922957
Conc: 8.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

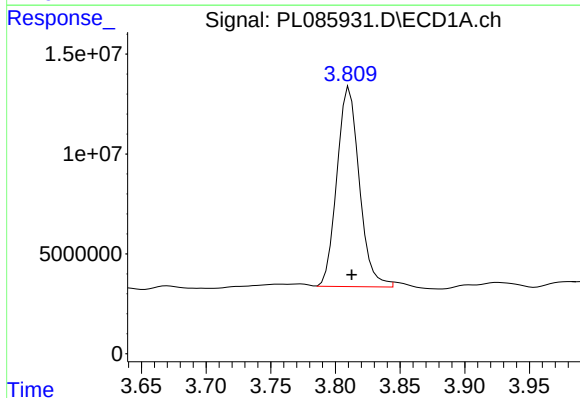
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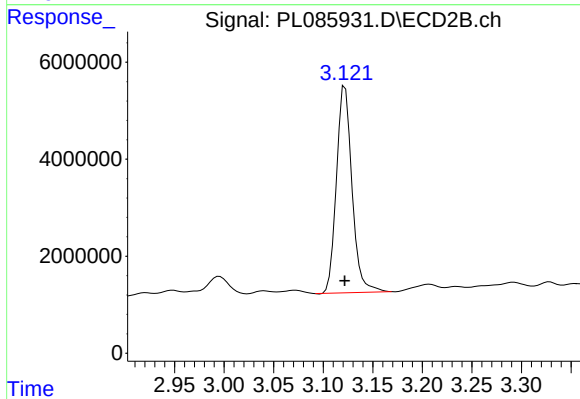
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 11259216
Conc: 12.05 ng/ml m



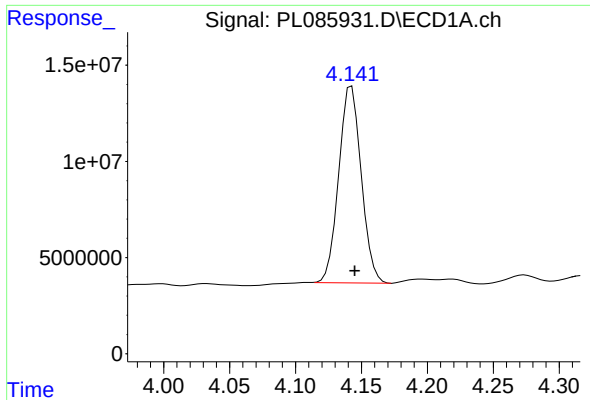
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 120304616
Conc: 28.03 ng/ml m



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 46751316
Conc: 37.16 ng/ml



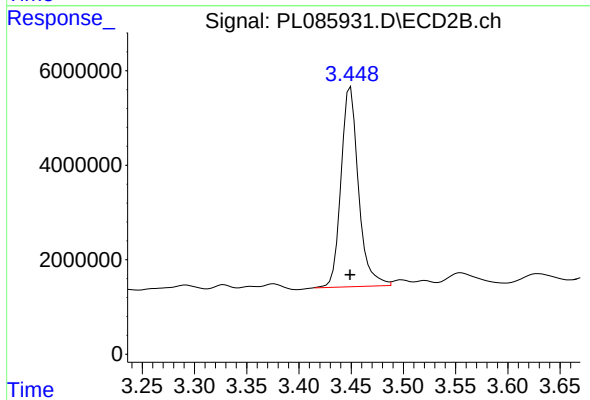
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 121382782
Conc: 29.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

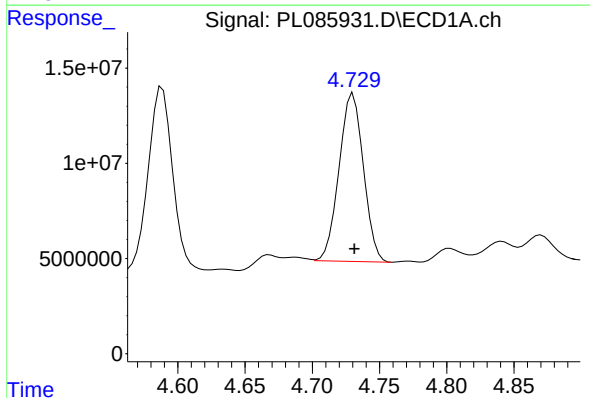
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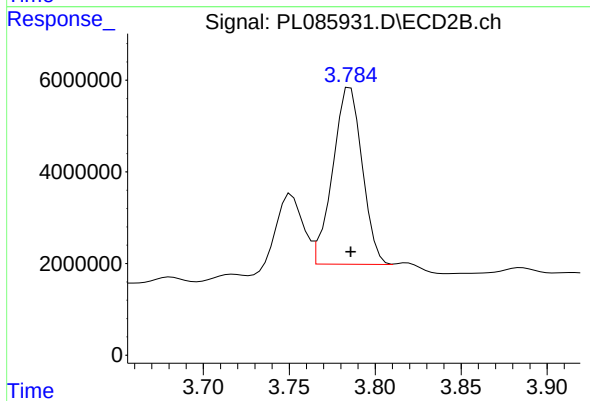
#3 gamma-BHC (Lindane)

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 48999149
Conc: 39.73 ng/ml



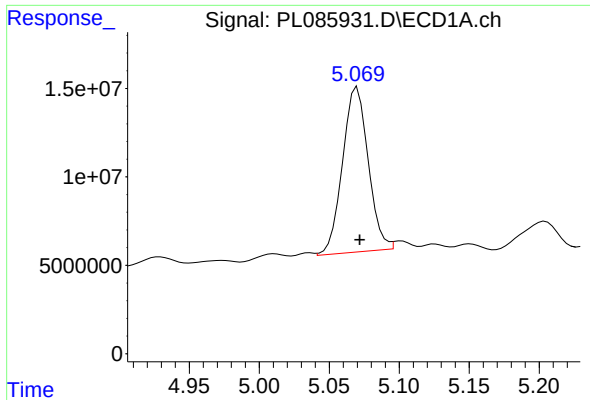
#4 Heptachlor

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 110837390
Conc: 28.66 ng/ml m



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 45689348
Conc: 39.28 ng/ml m



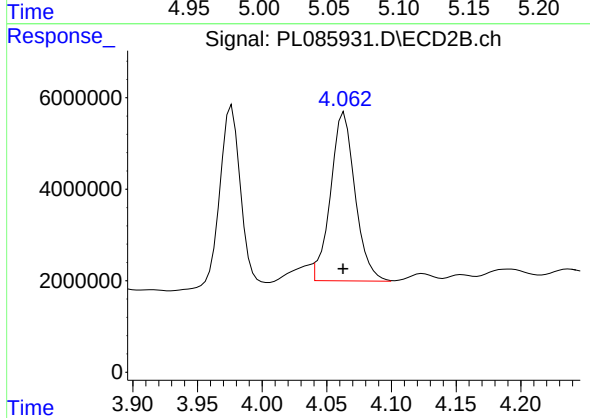
#5 Aldrin

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 118782200
Conc: 30.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

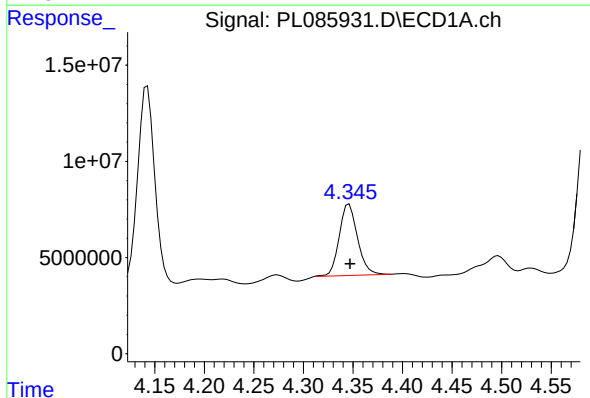
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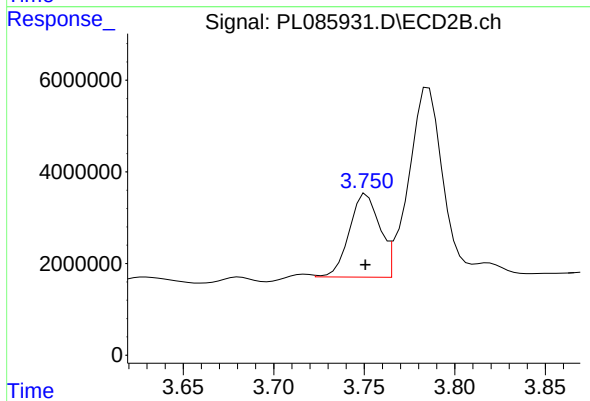
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 48411301
Conc: 43.29 ng/ml m



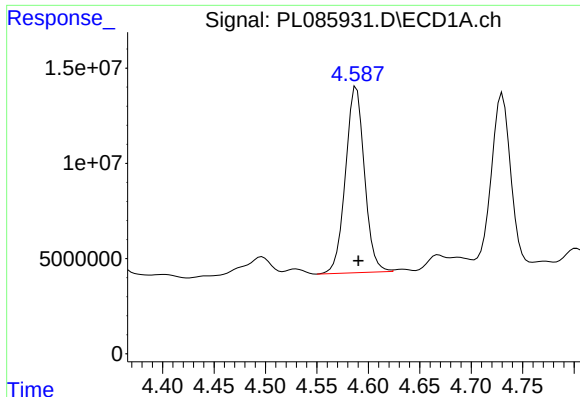
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 47823247
Conc: 28.92 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 20997387
Conc: 40.33 ng/ml m



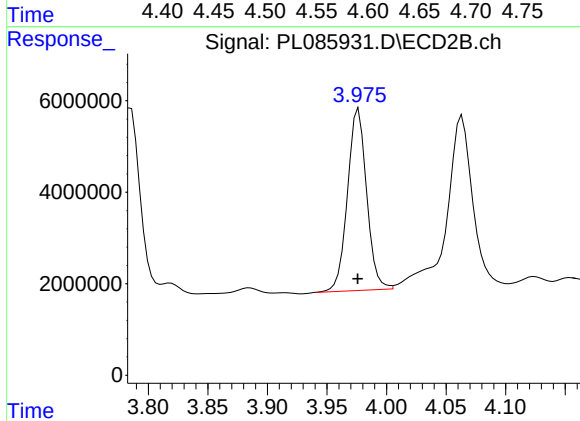
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 125184471
Conc: 32.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

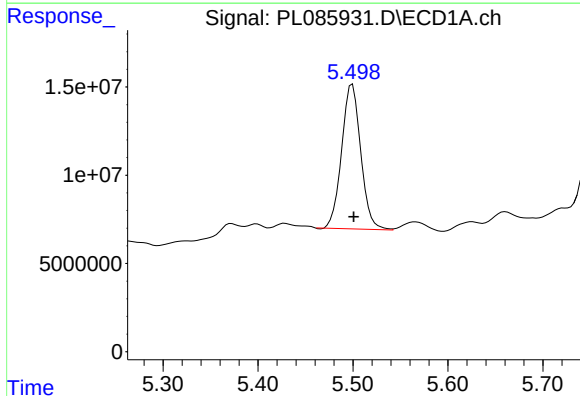
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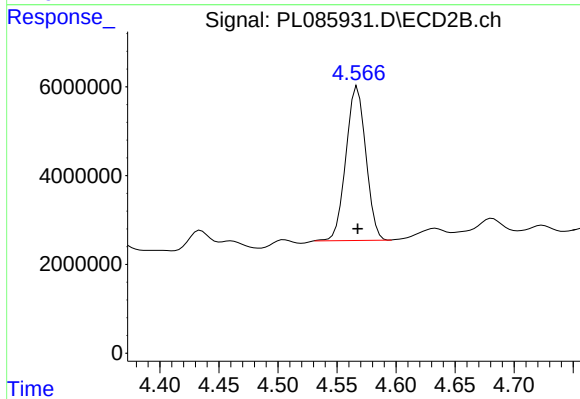
#7 delta-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 44462870
Conc: 38.70 ng/ml



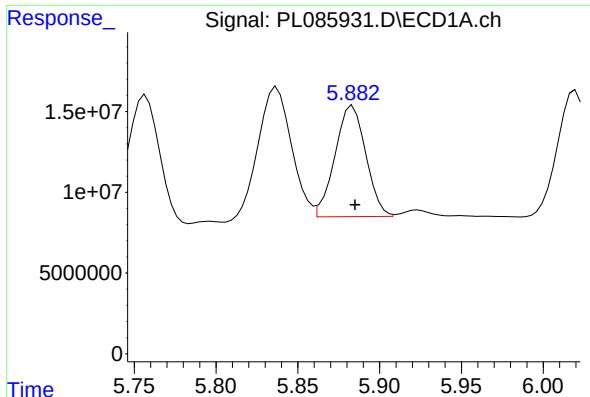
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 114494626
Conc: 33.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 40744288
Conc: 40.57 ng/ml



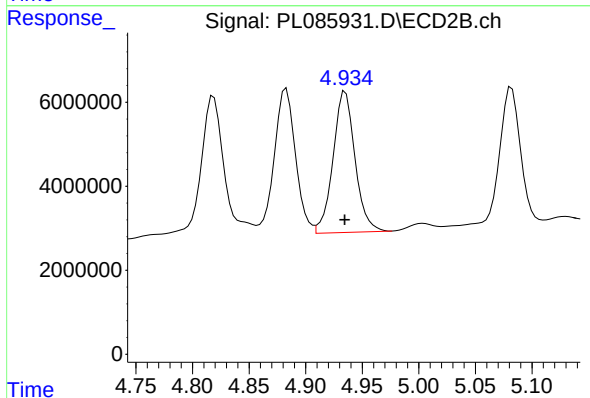
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 89579336
Conc: 27.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

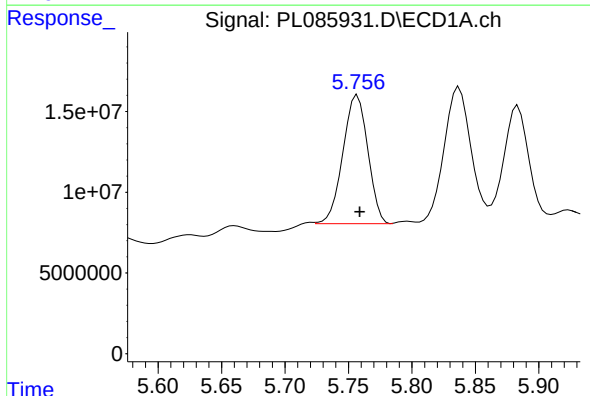
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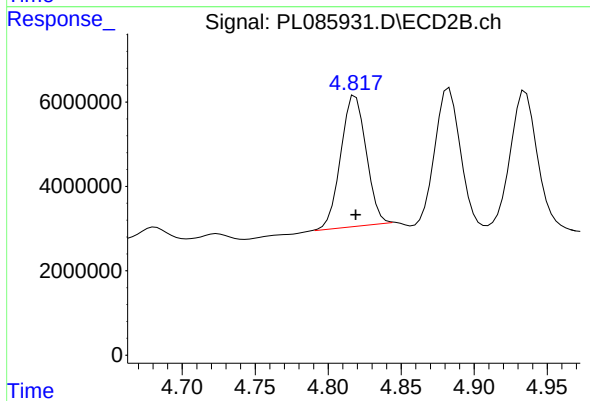
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 45492666
Conc: 42.41 ng/ml



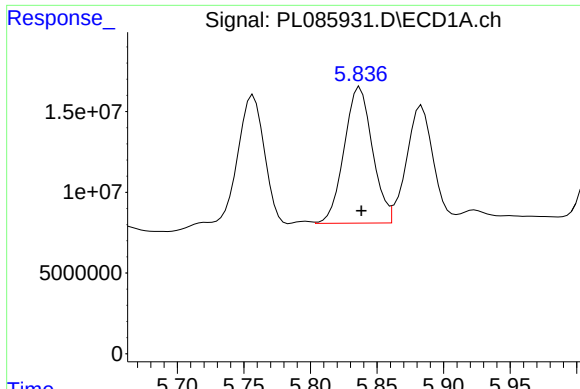
#10 gamma-Chlordane

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 108927331
Conc: 31.84 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 37653215
Conc: 38.02 ng/ml m



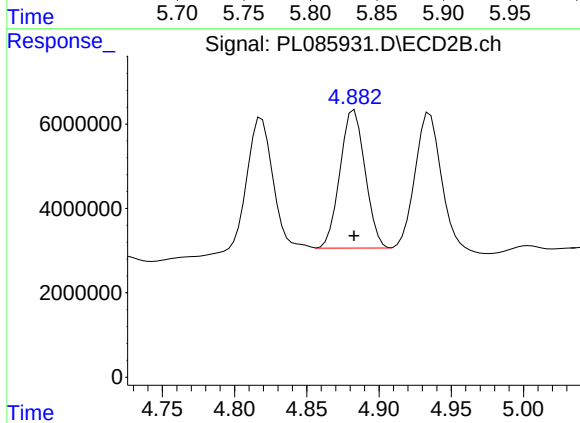
#11 alpha-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 125335997
Conc: 36.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

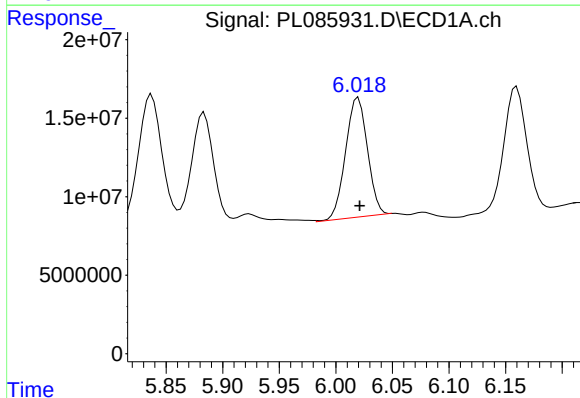
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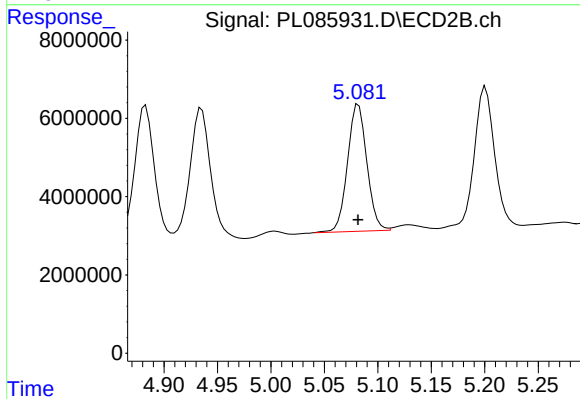
#11 alpha-Chlordane

R.T.: 4.882 min
Delta R.T.: -0.001 min
Response: 39428831
Conc: 36.15 ng/ml m



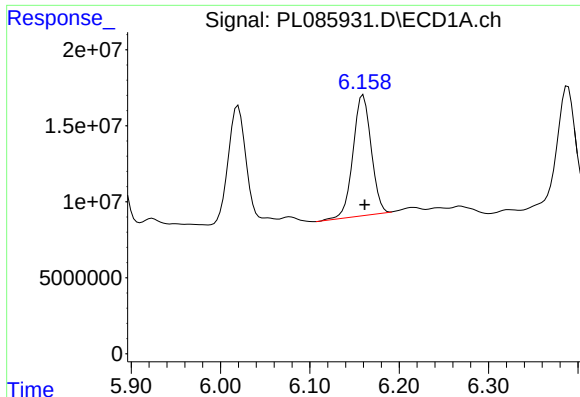
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 102565057
Conc: 36.68 ng/ml m



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 40802163
Conc: 49.69 ng/ml



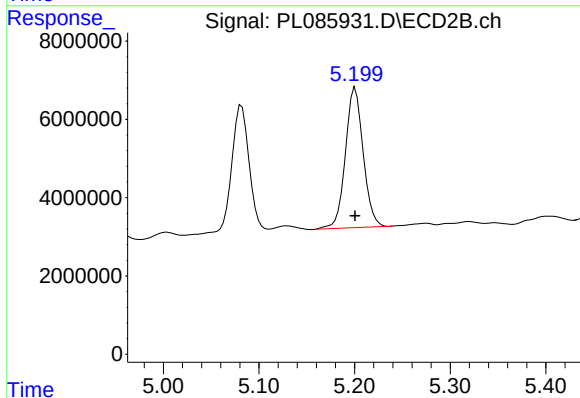
#13 Dieldrin

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 111978556
Conc: 34.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

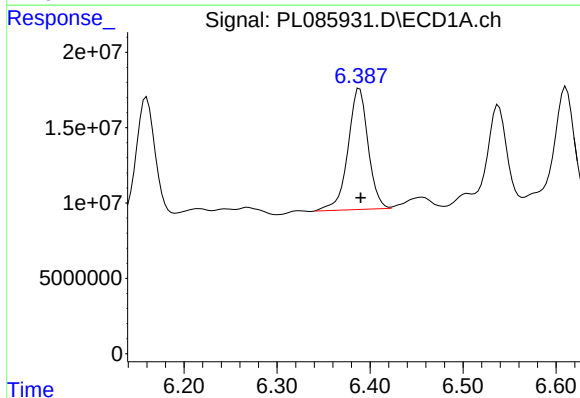
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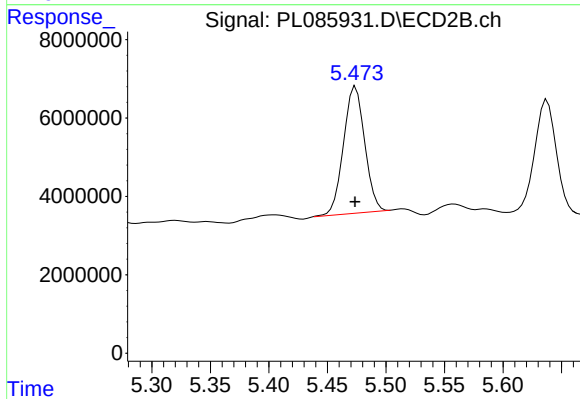
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 46421119
Conc: 47.85 ng/ml



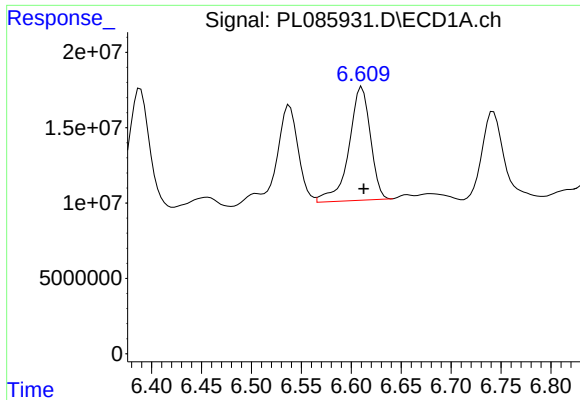
#14 Endrin

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 120756454
Conc: 42.37 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 40741368
Conc: 45.32 ng/ml



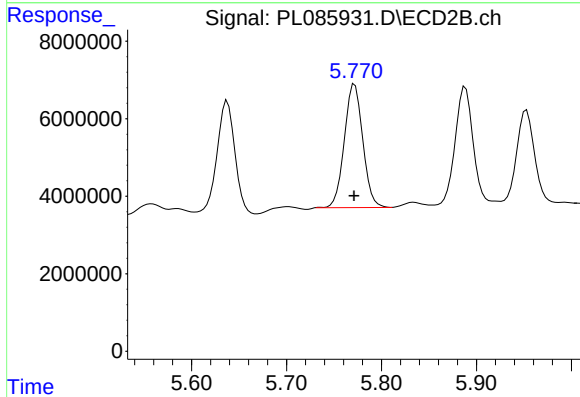
#15 Endosulfan II

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 112834360
Conc: 40.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

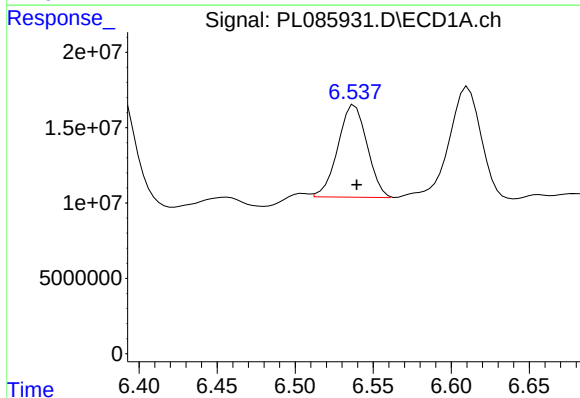
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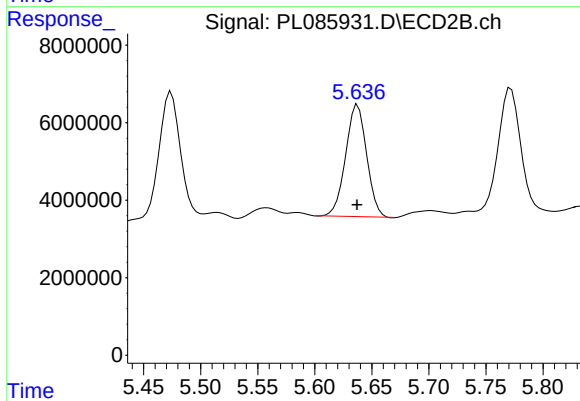
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 43142797
Conc: 45.37 ng/ml



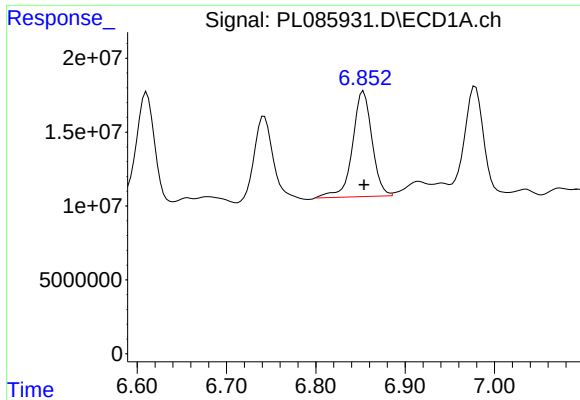
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 79506399
Conc: 39.46 ng/ml m



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 36999842
Conc: 53.16 ng/ml m



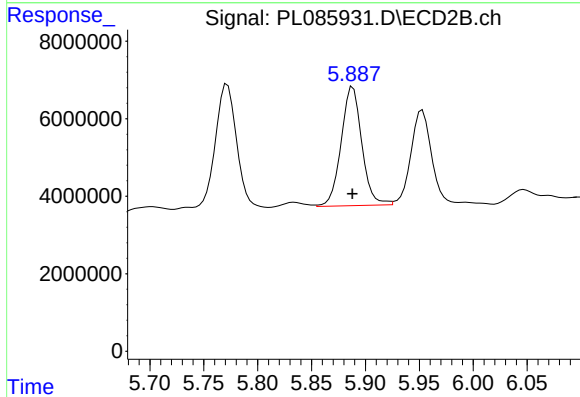
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 108096795
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

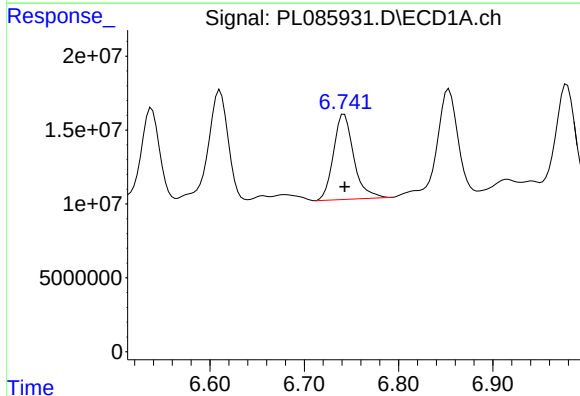
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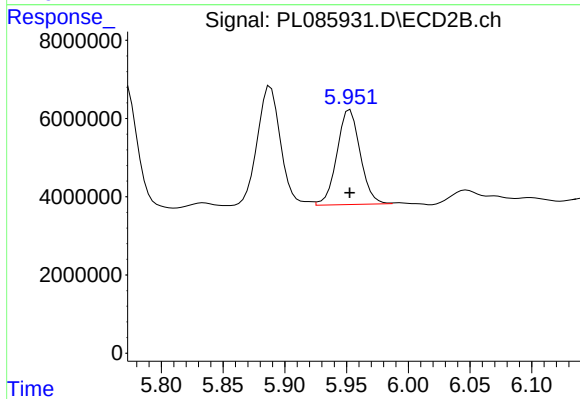
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 40992024
Conc: 51.84 ng/ml



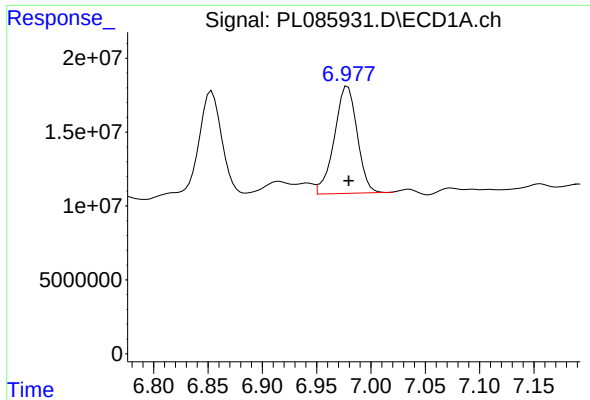
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 85939484
Conc: 42.40 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 31800554
Conc: 42.64 ng/ml



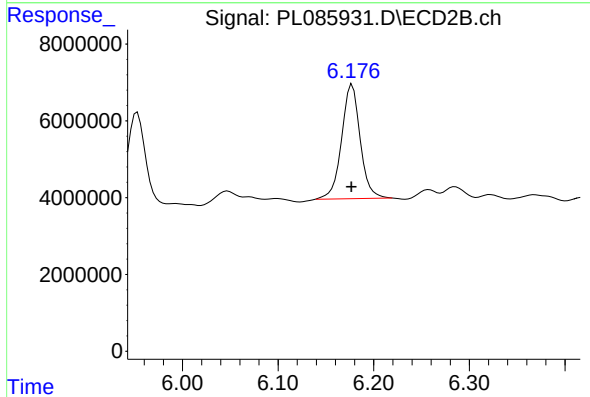
#19 Endosulfan Sulfate

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 106367189
Conc: 42.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

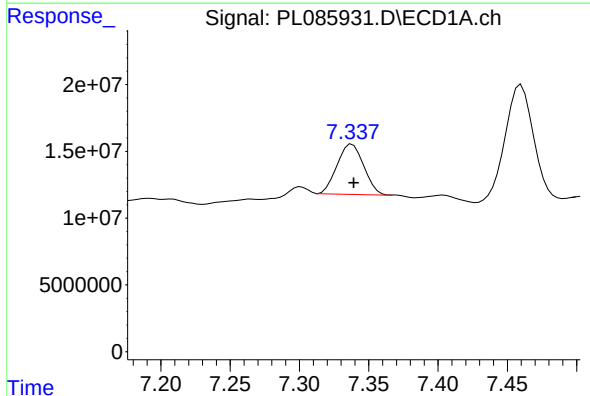
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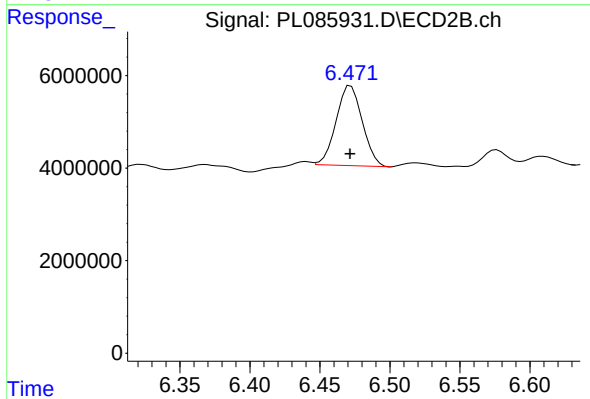
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 40328293
Conc: 44.70 ng/ml



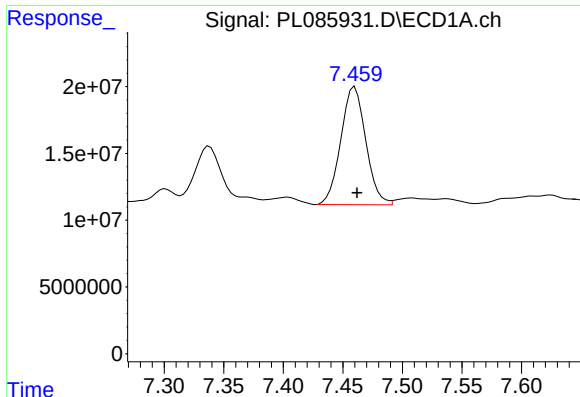
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 50353664
Conc: 36.05 ng/ml m



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 22438593
Conc: 42.65 ng/ml



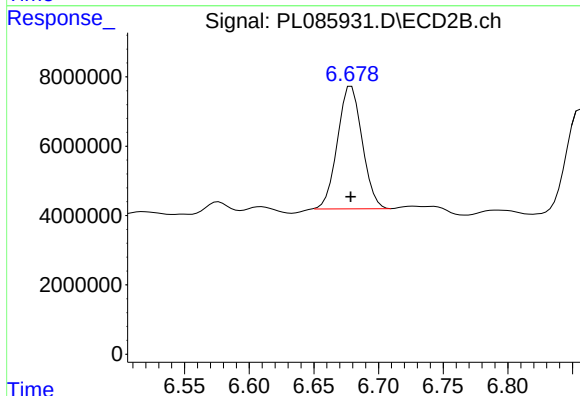
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 128656947
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

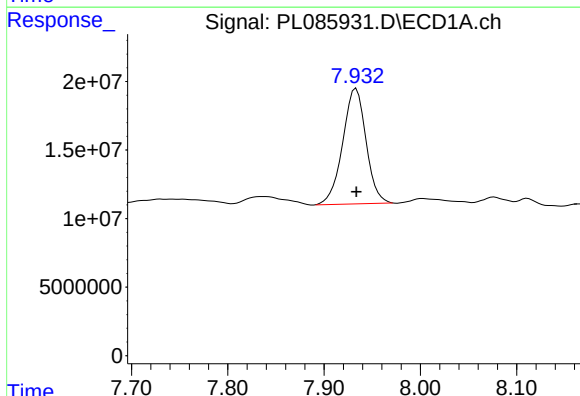
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Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



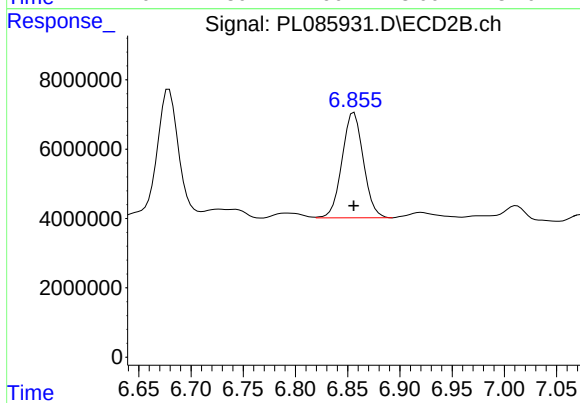
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 46921179
Conc: 40.82 ng/ml m



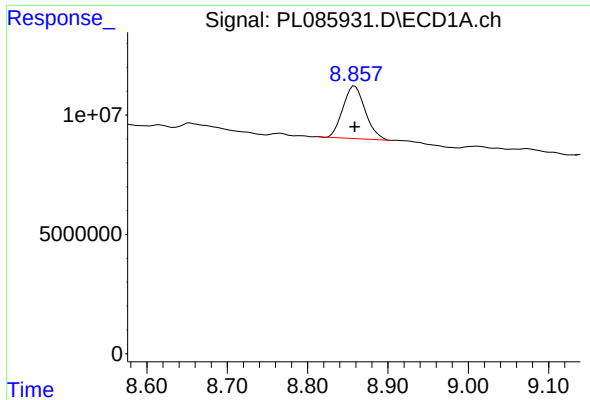
#22 Mirex

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 141448036
Conc: 63.89 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 43140142
Conc: 45.74 ng/ml



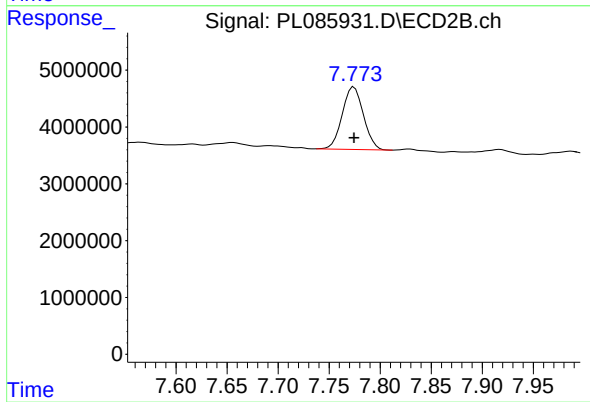
#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 42610236
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 15880711
Conc: 17.21 ng/ml