

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 13:43
 Operator : AR\AJ
 Sample : 02191-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11982MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/07/2023
 Supervised By : Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:27:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.328	2.656	37062138	32946610	15.935	16.505
28)	SA Decachlor...	8.749	7.774	24682821	32158946	13.792	16.215
Target Compounds							
2)	A alpha-BHC	3.778	3.155	141.0E6	116.9E6	41.126	40.105
3)	MA gamma-BHC...	4.105	3.483	149.5E6	126.7E6	47.065m	45.498
4)	MA Heptachlor	4.686	3.815	122.9E6	119.8E6	38.984	41.780
5)	MB Aldrin	5.022	4.093	134.4E6	111.2E6	46.978	41.735
6)	B beta-BHC	4.309	3.781	62368884	51708380	41.439	43.416
7)	B delta-BHC	4.551	4.009	135.7E6	114.0E6	44.647	44.076
8)	B Heptachlo...	5.448	4.595	115.9E6	108.8E6	42.618m	44.802
9)	A Endosulfan I	5.830	4.963	99266010	84414459	40.175	38.236
10)	B gamma-Chl...	5.704	4.844	167.2E6	168.2E6	63.695	69.207
11)	B alpha-Chl...	5.783	4.907	188.8E6	161.4E6	72.951	66.441
12)	B 4,4'-DDE	5.960	5.097	82302100	92214400	36.520	46.814 #
13)	MA Dieldrin	6.105	5.227	119.6E6	144.7E6	49.404	64.329 #
14)	MA Endrin	6.331	5.502	84701025	89523020	40.043	44.237
15)	B Endosulfa...	6.554	5.798	88089934	105.9E6	41.511	58.392 #
16)	A 4,4'-DDD	6.474	5.652	81289269	72725576	45.073m	47.924
17)	MA 4,4'-DDT	6.787	5.901	84211145	81552140	41.491	47.324
18)	B Endrin al...	6.683	5.978	76099012	82262796	46.512	52.971
19)	B Endosulfa...	6.918	6.200	80933133	86349532	38.835	44.380
20)	A Methoxychlor	7.267	6.481	38306194	44710891	35.571	44.889 #
21)	B Endrin ke...	7.397	6.706	97774132	92439589	46.678	43.257
22)	Mirex	7.862	6.878	71204429	76326047	41.560	39.758

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
Data File : PL081869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Apr 2023 13:43
Operator : AR\AJ
Sample : 02191-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

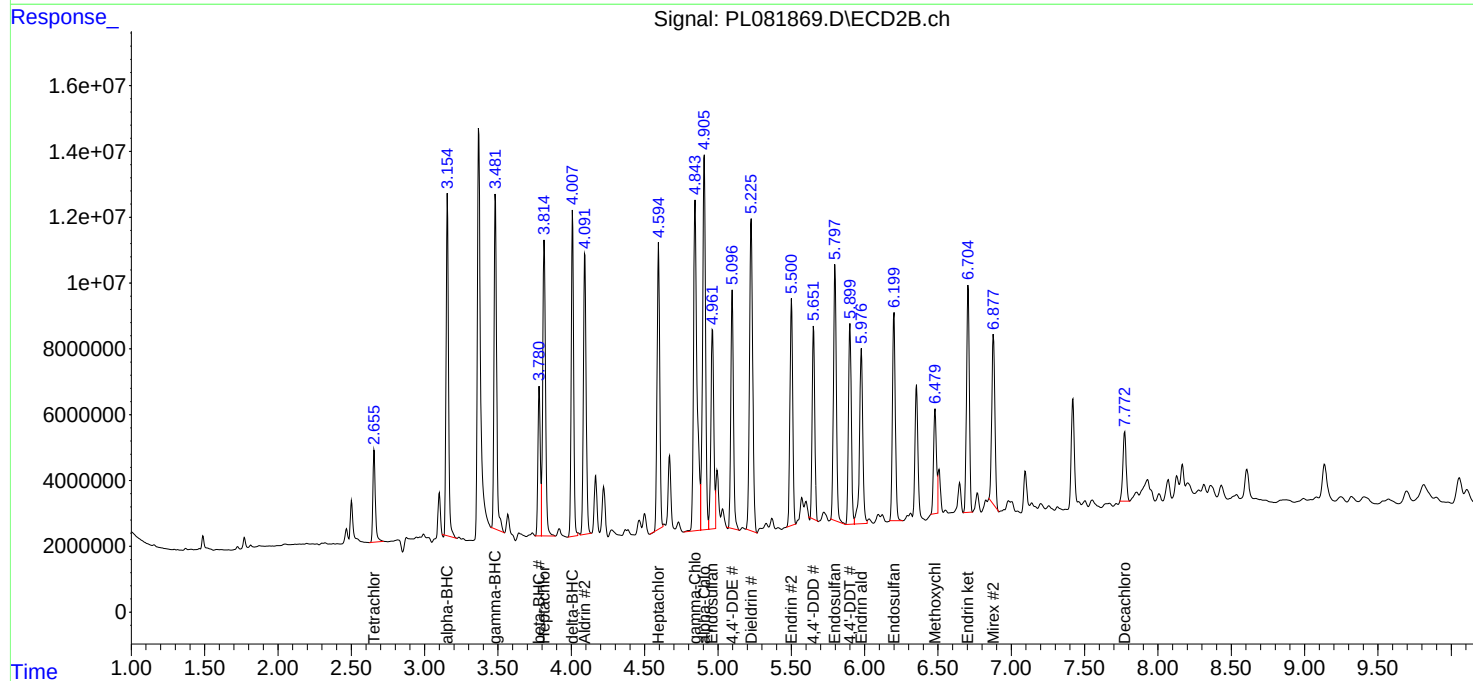
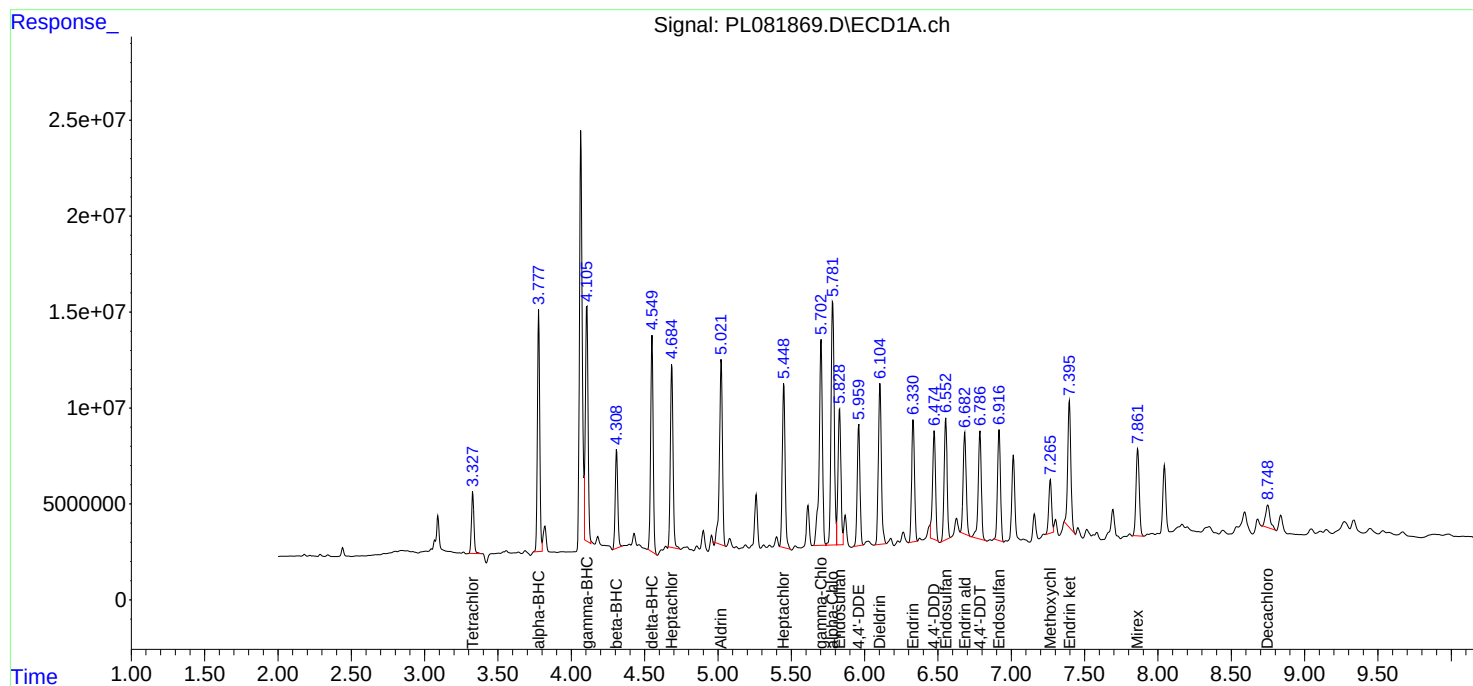
Instrument :
ECD_L
ClientSampleId :
72-11982MSD

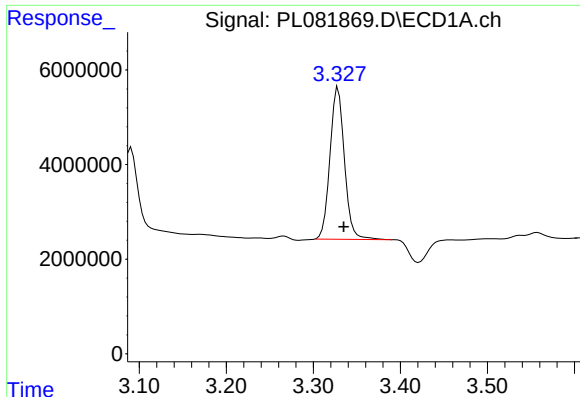
Manual Integrations
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Supervised By : Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 21:27:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





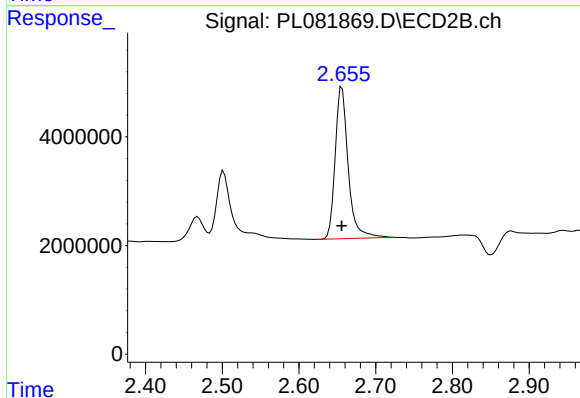
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 37062138
Conc: 15.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

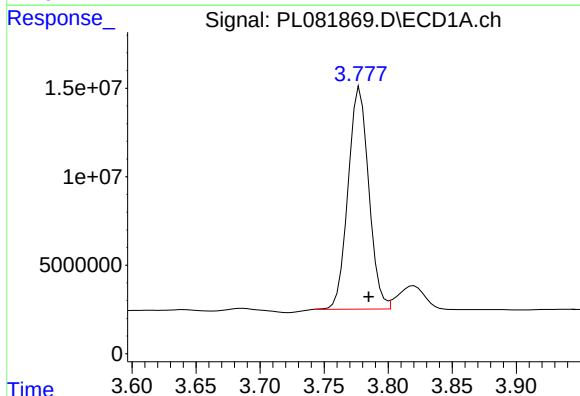
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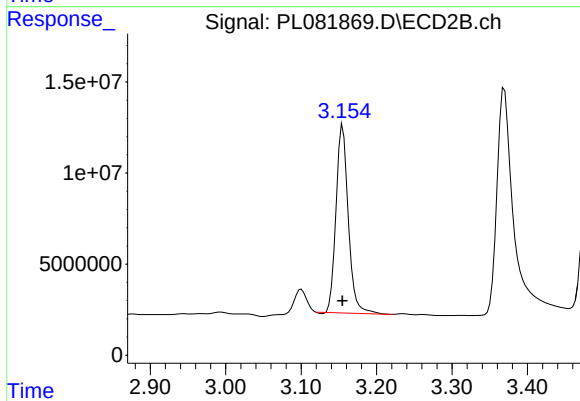
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.000 min
Response: 32946610
Conc: 16.51 ng/ml



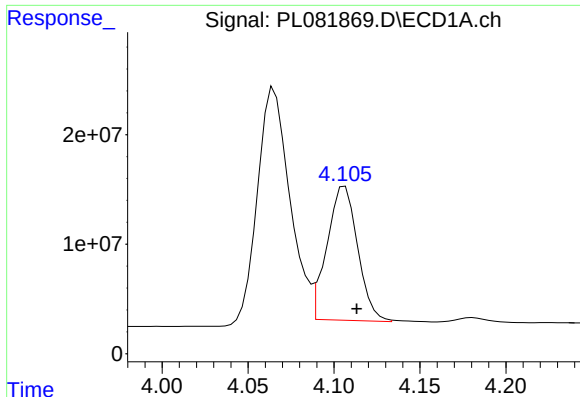
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 140994480
Conc: 41.13 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 116906041
Conc: 40.11 ng/ml



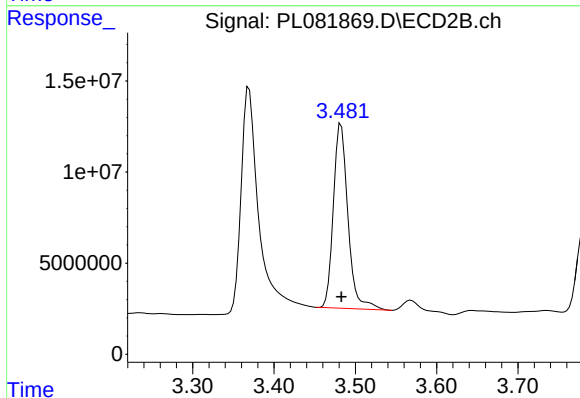
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: -0.008 min
Response: 149519096
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

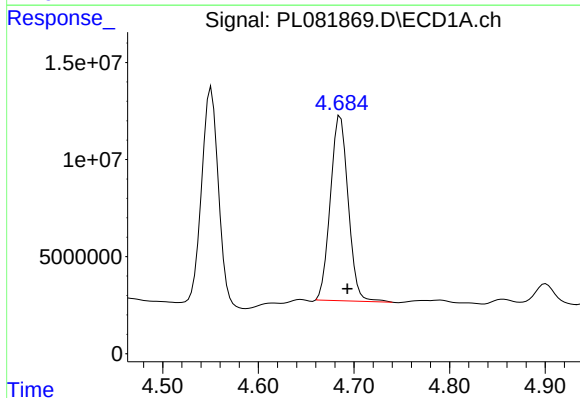
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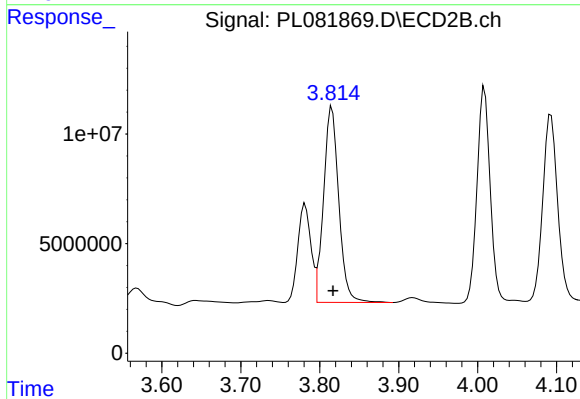
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 126677415
Conc: 45.50 ng/ml



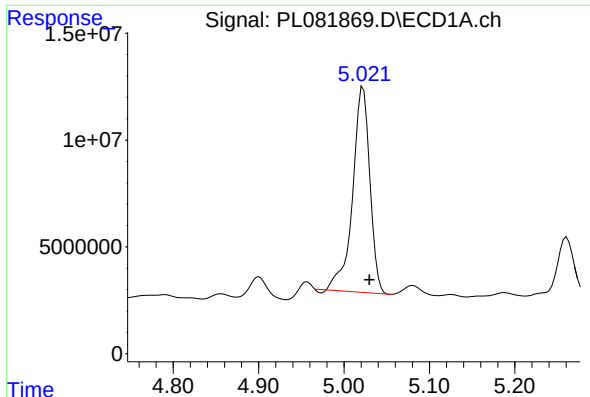
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 122884651
Conc: 38.98 ng/ml



#4 Heptachlor

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 119780562
Conc: 41.78 ng/ml



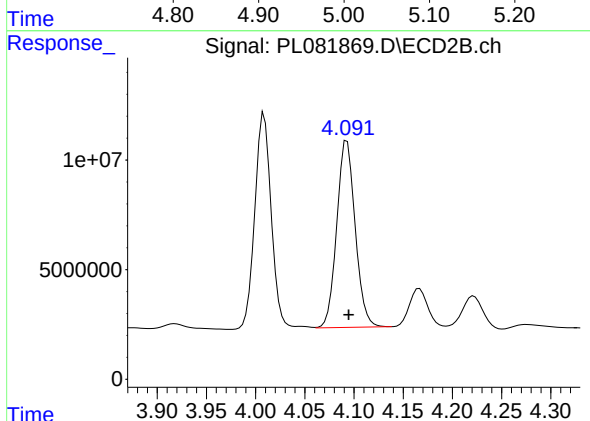
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.007 min
Response: 134369897
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

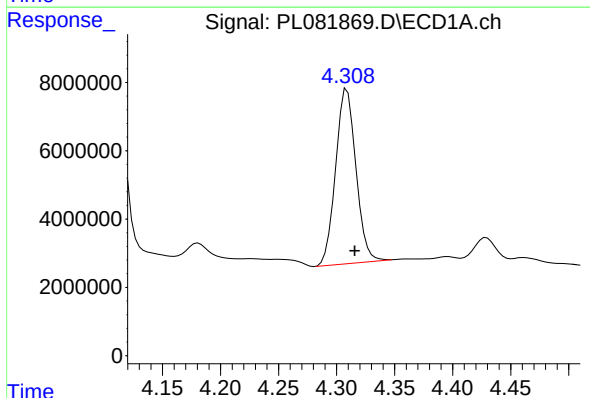
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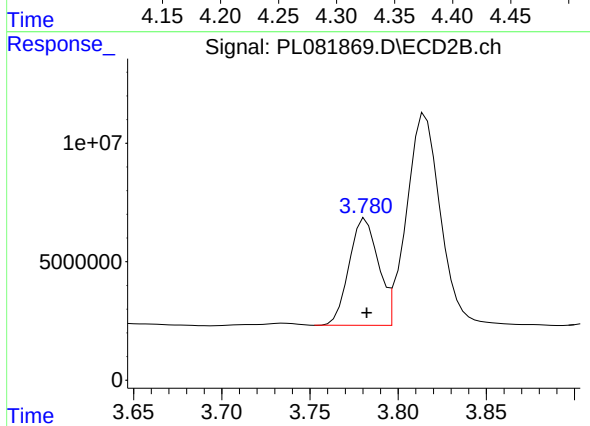
#5 Aldrin

R.T.: 4.093 min
Delta R.T.: -0.002 min
Response: 111201278
Conc: 41.73 ng/ml



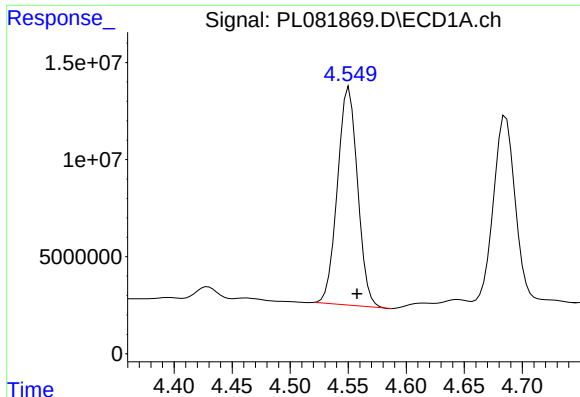
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 62368884
Conc: 41.44 ng/ml



#6 beta-BHC

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 51708380
Conc: 43.42 ng/ml



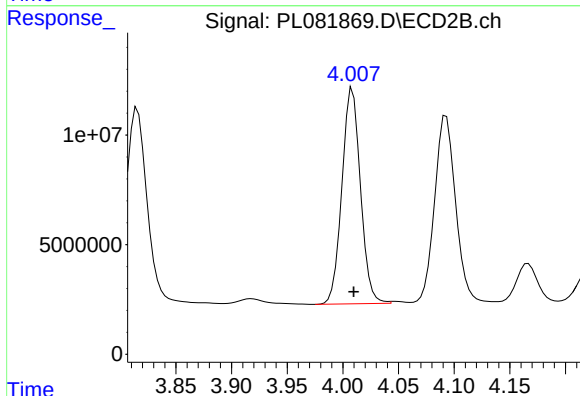
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 135690581
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

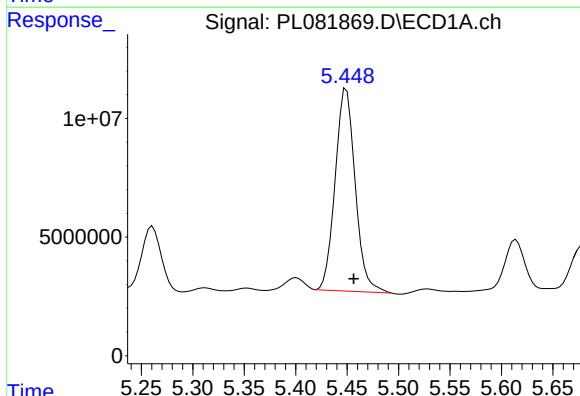
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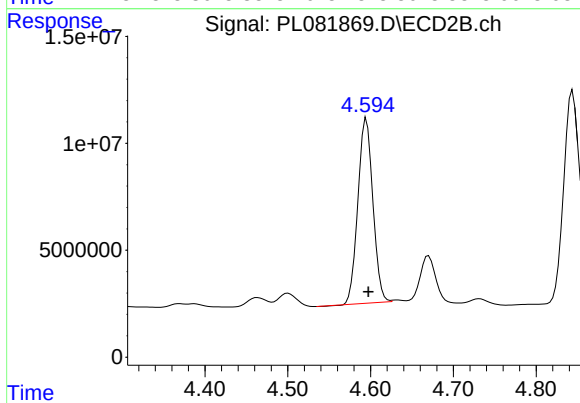
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 113984617
Conc: 44.08 ng/ml



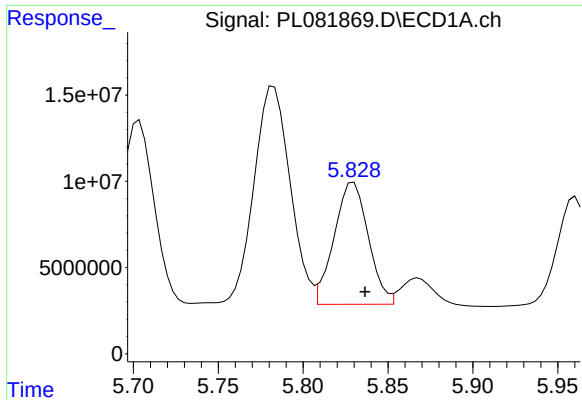
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.009 min
Response: 115921824
Conc: 42.62 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 108811799
Conc: 44.80 ng/ml



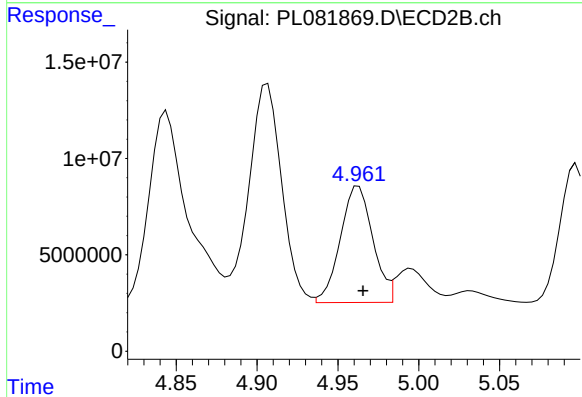
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.007 min
Response: 99266010
Conc: 40.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

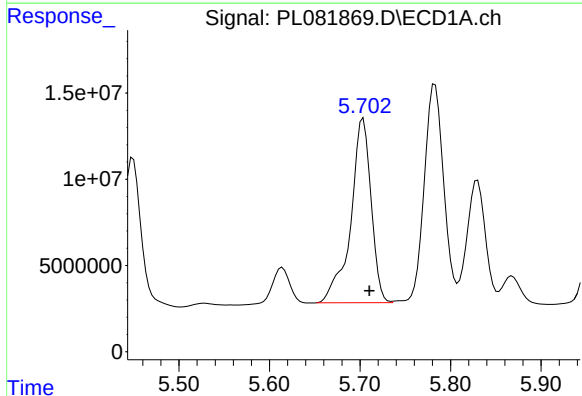
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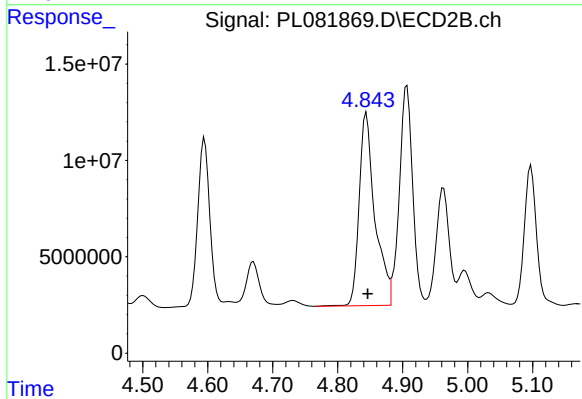
#9 Endosulfan I

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 84414459
Conc: 38.24 ng/ml



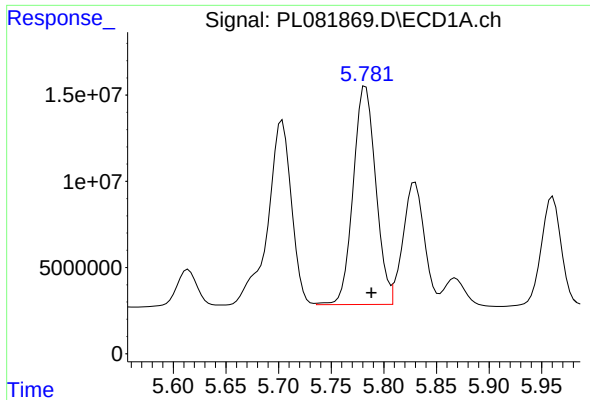
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.007 min
Response: 167212712
Conc: 63.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 168198078
Conc: 69.21 ng/ml



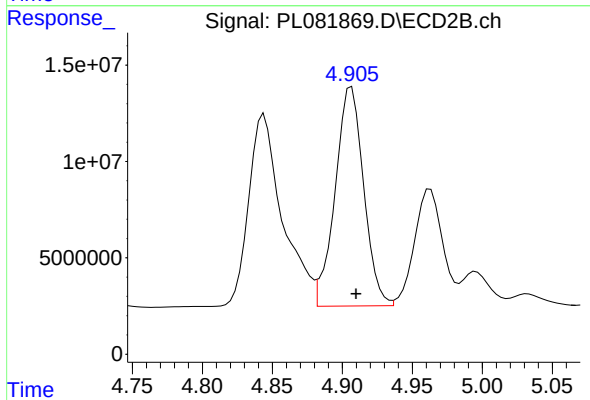
#11 alpha-Chlordane

R.T.: 5.783 min
Delta R.T.: -0.005 min
Response: 188826492
Conc: 72.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

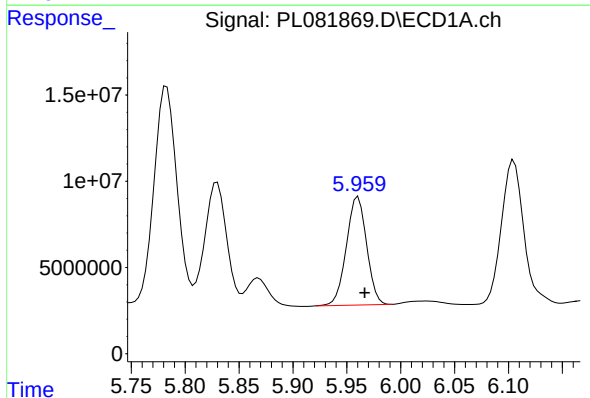
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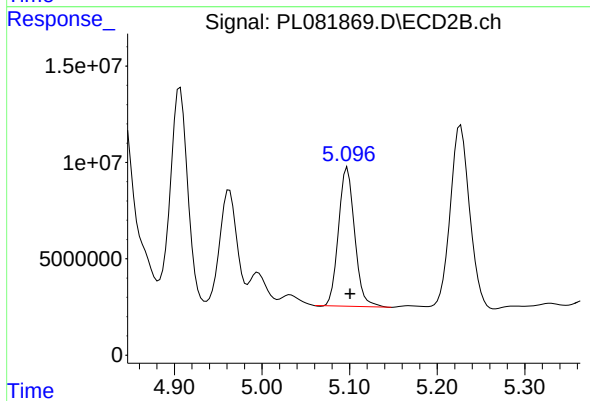
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 161380148
Conc: 66.44 ng/ml



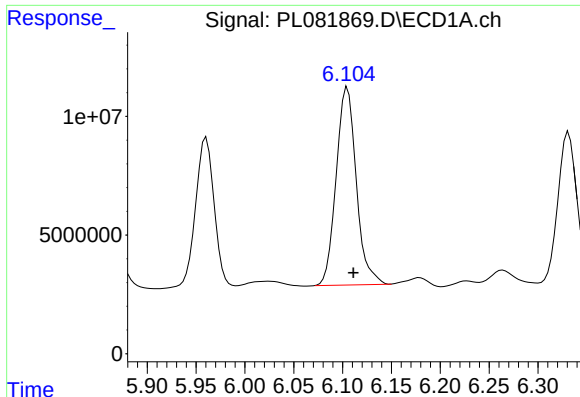
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 82302100
Conc: 36.52 ng/ml



#12 4,4'-DDE

R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 92214400
Conc: 46.81 ng/ml



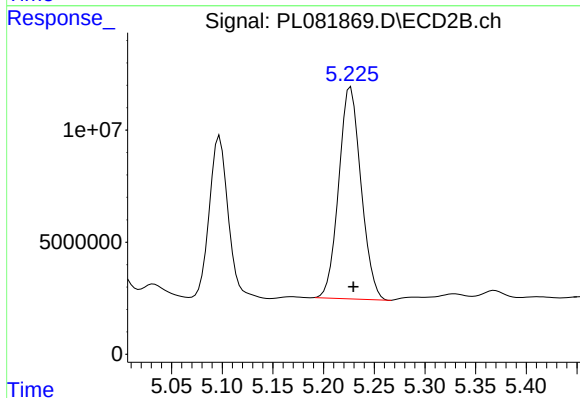
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: -0.006 min
Response: 119604786
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

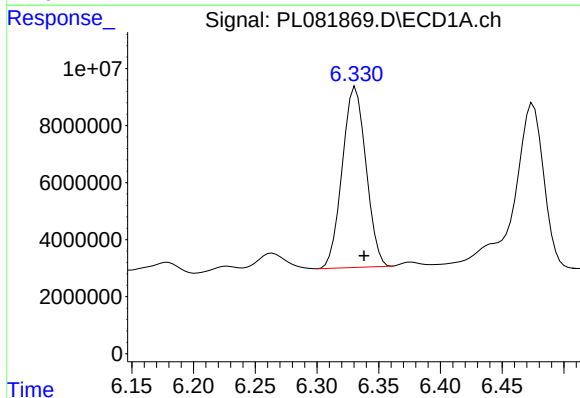
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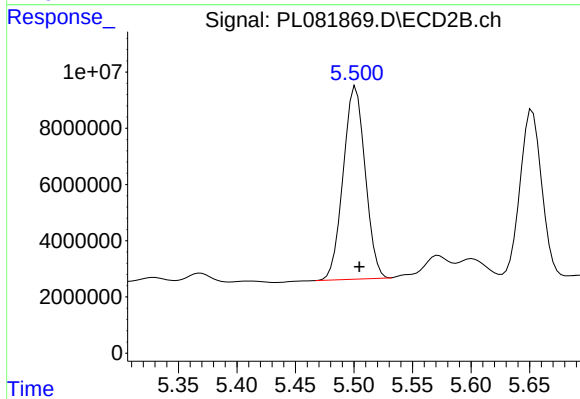
#13 Dieldrin

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 144703888
Conc: 64.33 ng/ml



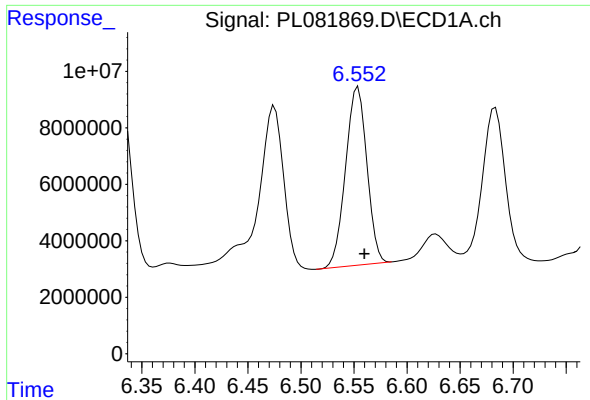
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 84701025
Conc: 40.04 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 89523020
Conc: 44.24 ng/ml



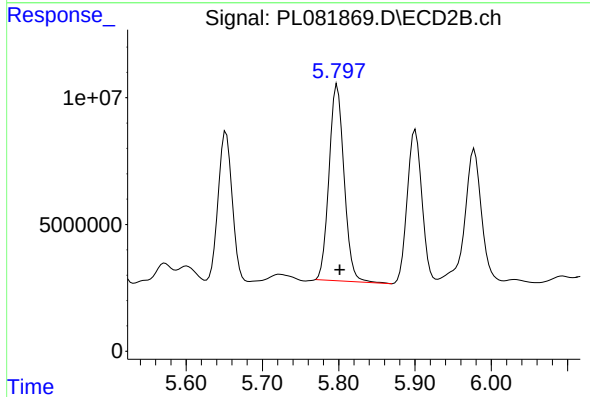
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: -0.006 min
Response: 88089934
Conc: 41.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

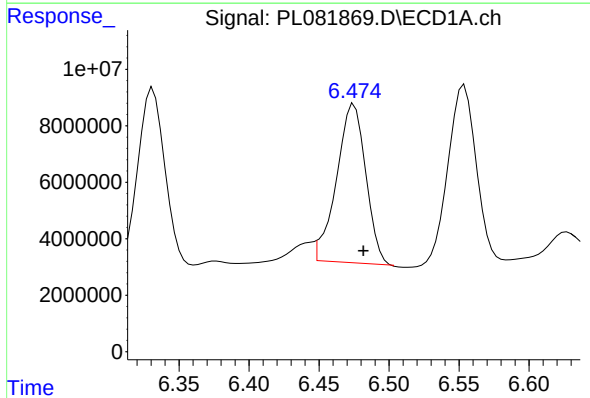
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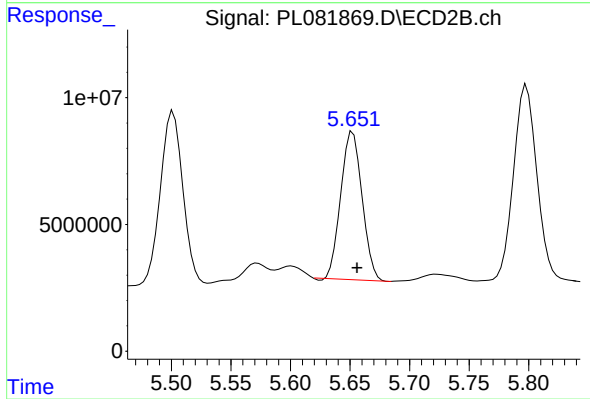
#15 Endosulfan II

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 105924723
Conc: 58.39 ng/ml



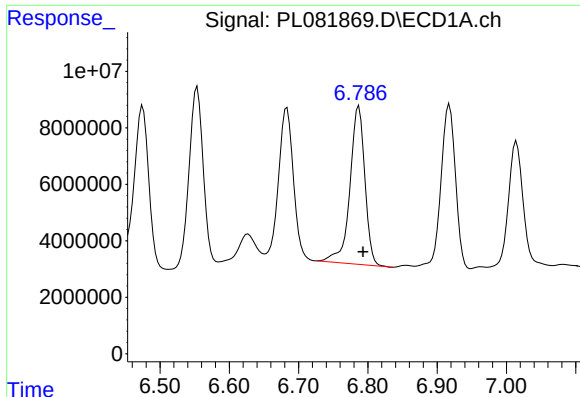
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 81289269
Conc: 45.07 ng/ml m



#16 4,4'-DDD

R.T.: 5.652 min
Delta R.T.: -0.004 min
Response: 72725576
Conc: 47.92 ng/ml



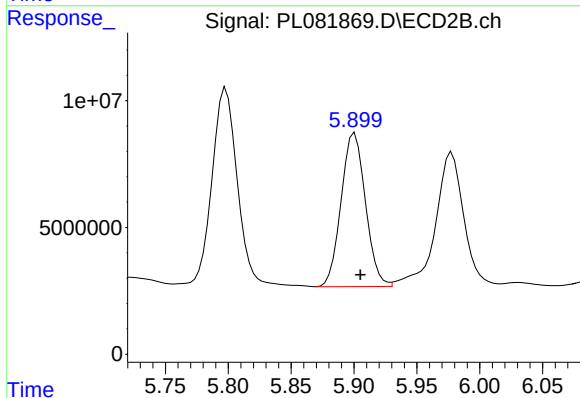
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 84211145
Conc: 41.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

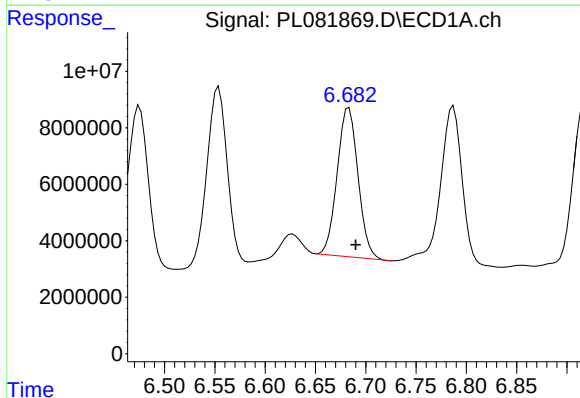
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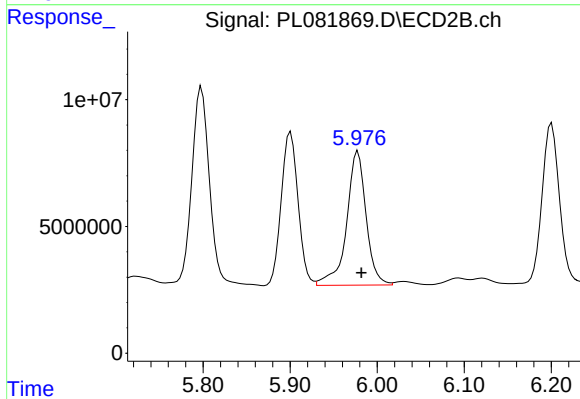
#17 4,4'-DDT

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 81552140
Conc: 47.32 ng/ml



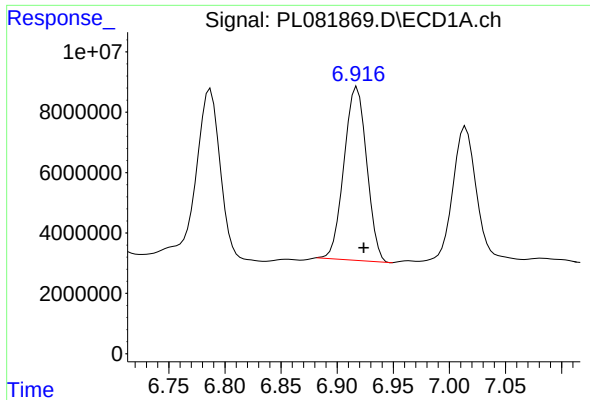
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 76099012
Conc: 46.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 82262796
Conc: 52.97 ng/ml



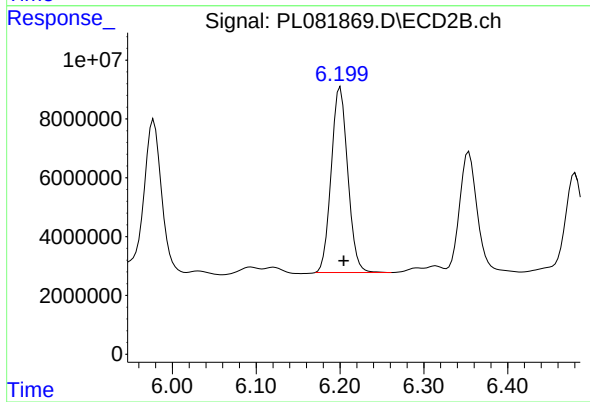
#19 Endosulfan Sulfate

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 80933133
Conc: 38.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

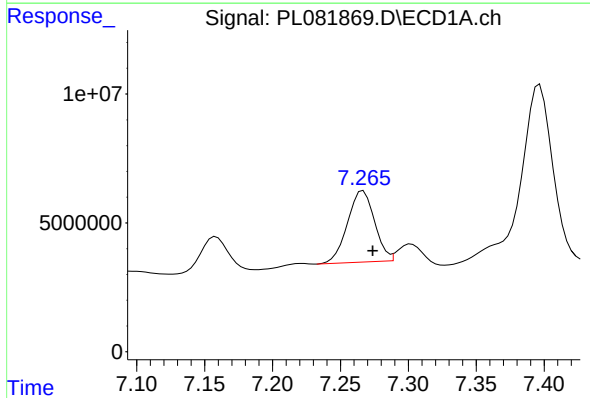
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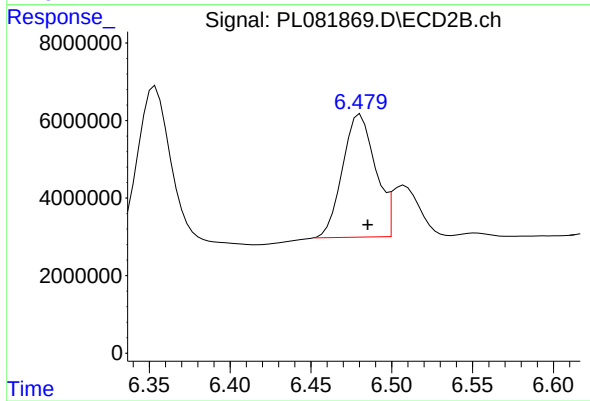
#19 Endosulfan Sulfate

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 86349532
Conc: 44.38 ng/ml



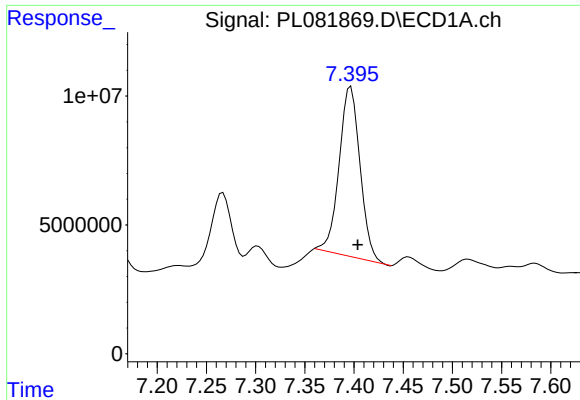
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 38306194
Conc: 35.57 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 44710891
Conc: 44.89 ng/ml



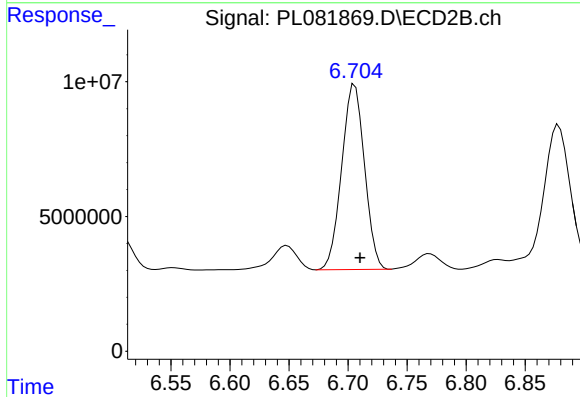
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 97774132
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

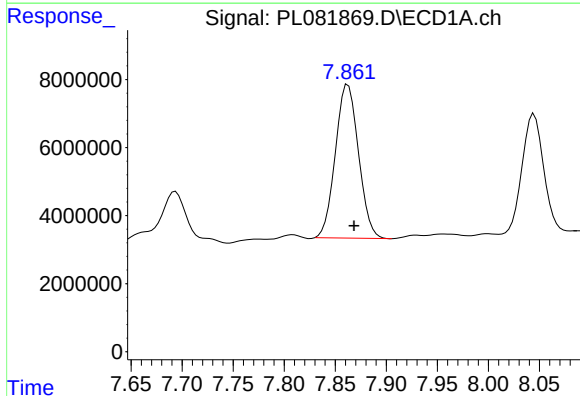
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Supervised By :Ankita Jodhani 04/07/2023



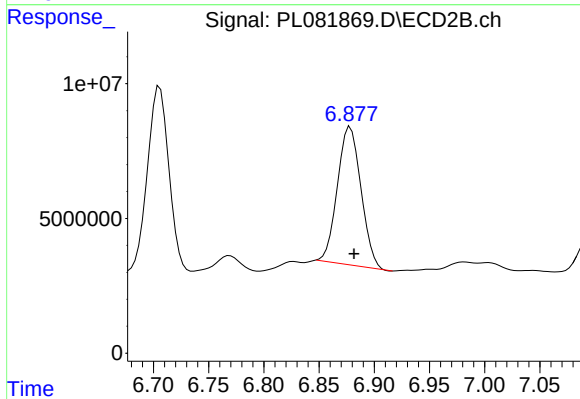
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 92439589
Conc: 43.26 ng/ml



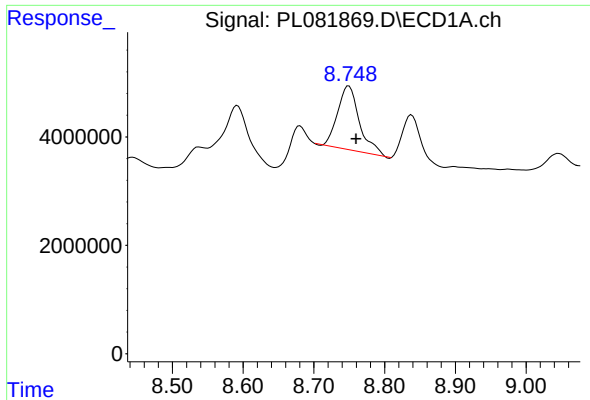
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.006 min
Response: 71204429
Conc: 41.56 ng/ml



#22 Mirex

R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 76326047
Conc: 39.76 ng/ml



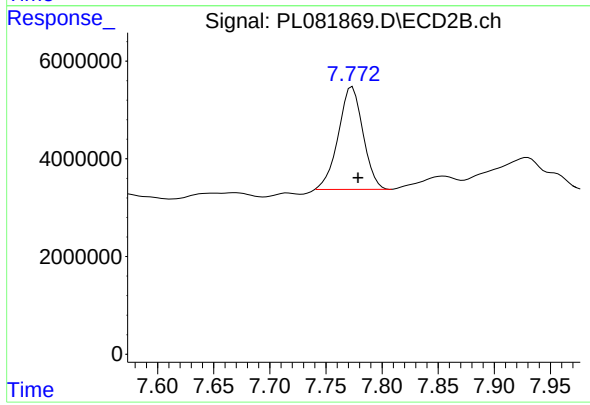
#28 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: -0.010 min
Response: 24682821
Conc: 13.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11982MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 32158946
Conc: 16.22 ng/ml