

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101723\
 Data File : PL085979.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2023 15:30
 Operator : AR\AJ
 Sample : 04905-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LSS-B4-COMP-101323MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

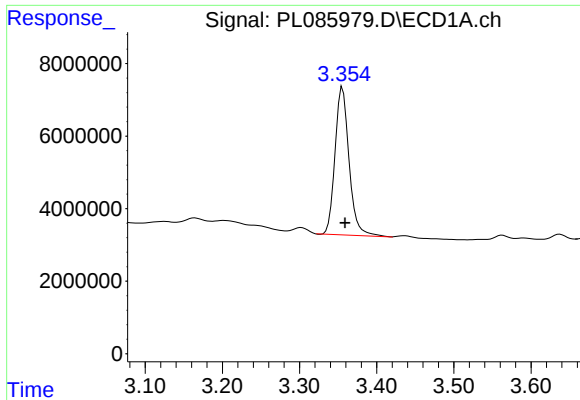
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 22:04:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.356	2.622	51619104	16343190	17.356	17.496
28)	SA Decachlor...	8.857	7.775	37832896	16861379	17.370	18.268
Target Compounds							
2)	A alpha-BHC	3.810	3.121	222.1E6	63788894	51.759	50.701
3)	MA gamma-BHC...	4.142	3.448	214.8E6	64530211	51.972	52.321
4)	MA Heptachlor	4.728	3.785	208.5E6	64388473	53.897m	55.361
5)	MB Aldrin	5.069	4.061	206.2E6	63373825	53.189	56.672
6)	B beta-BHC	4.345	3.750	91804818	27772082	55.517	53.348
7)	B delta-BHC	4.588	3.975	208.2E6	62209879	54.287	54.144
8)	B Heptachlo...	5.498	4.566	184.3E6	58834968	53.423	58.577
9)	A Endosulfan I	5.883	4.934	173.4E6	55313943	53.630	51.563
10)	B gamma-Chl...	5.756	4.818	189.2E6	60542864	55.308	61.131
11)	B alpha-Chl...	5.835	4.881	186.2E6	60691245	54.476	55.643
12)	B 4,4'-DDE	6.019	5.081	164.3E6	52970953	58.762	64.509
13)	MA Dieldrin	6.159	5.199	178.4E6	58653733	54.295	60.454
14)	MA Endrin	6.388	5.473	158.7E6	54105283	55.695	60.183
15)	B Endosulfa...	6.611	5.771	150.6E6	53281623	54.662	56.030
16)	A 4,4'-DDD	6.537	5.637	125.1E6	43162030	62.115	62.010
17)	MA 4,4'-DDT	6.853	5.888	138.9E6	50197144	58.913	63.480
18)	B Endrin al...	6.742	5.952	119.9E6	44107132	59.145	59.148
19)	B Endosulfa...	6.978	6.177	144.2E6	52007329	57.458	57.650
20)	A Methoxychlor	7.339	6.472	78184850	30603989	55.982	58.174
21)	B Endrin ke...	7.459	6.678	154.7E6	63791748	53.721	55.499
22)	Mirex	7.932	6.856	142.5E6	61353912	64.359	65.051

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



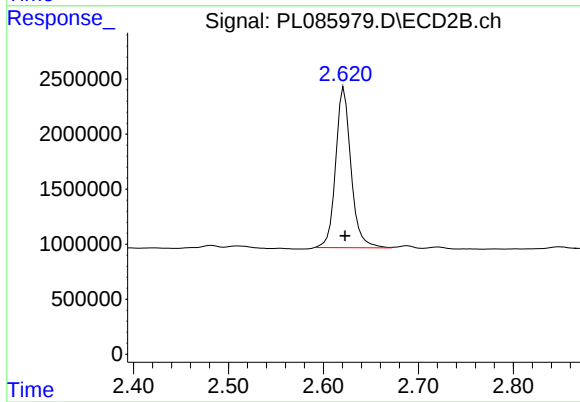
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 51619104
Conc: 17.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

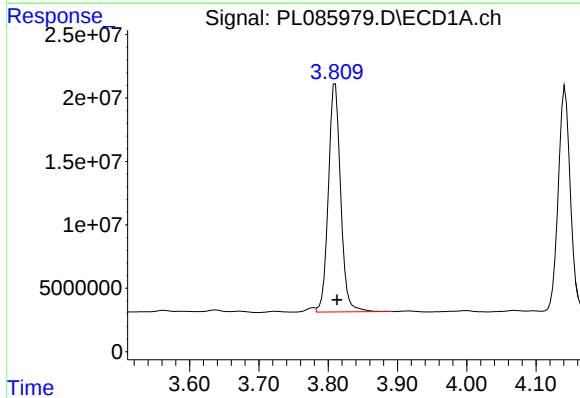
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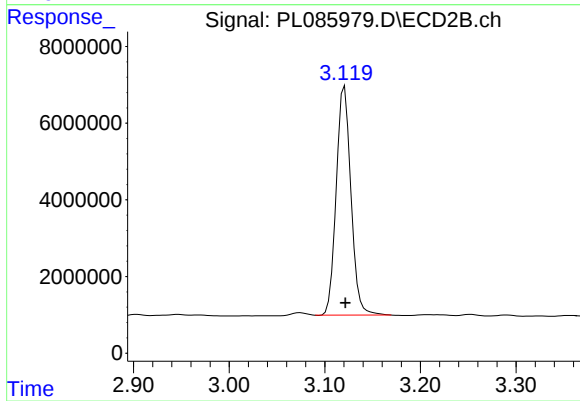
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 16343190
Conc: 17.50 ng/ml



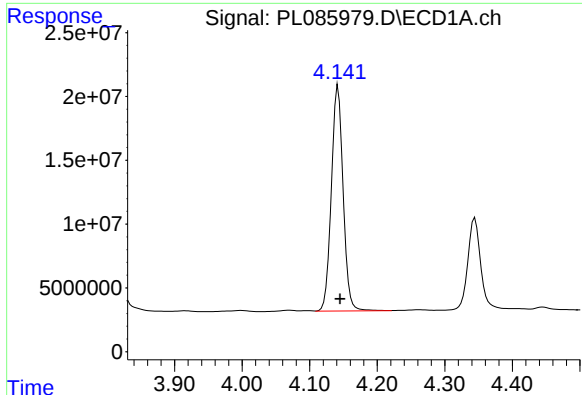
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 222144770
Conc: 51.76 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 63788894
Conc: 50.70 ng/ml



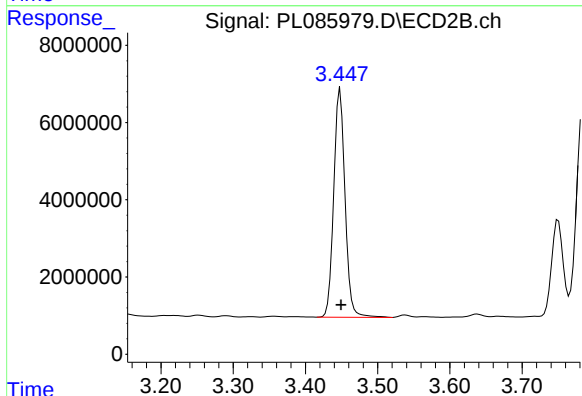
#3 gamma-BHC (Lindane)

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 214817407
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
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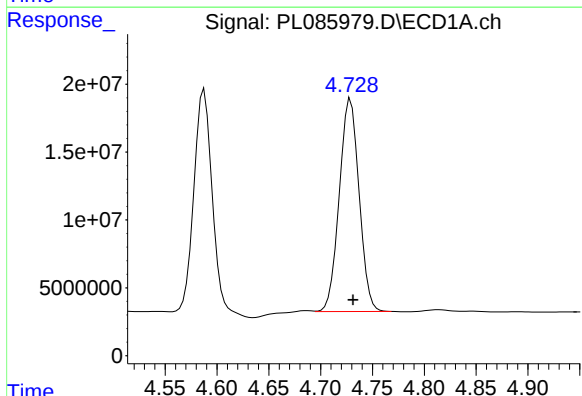
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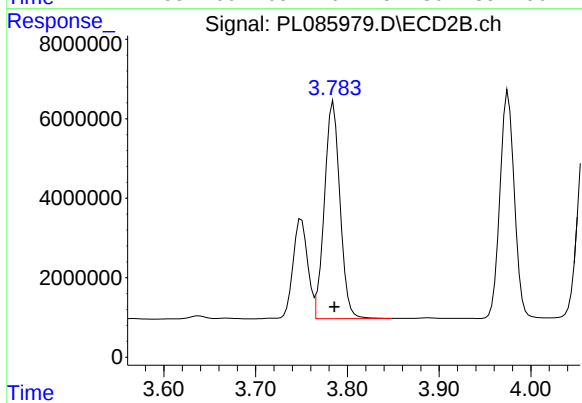
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 64530211
Conc: 52.32 ng/ml



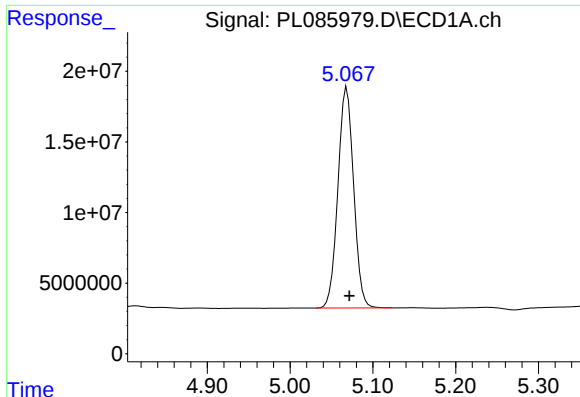
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 208453406
Conc: 53.90 ng/ml m



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 64388473
Conc: 55.36 ng/ml



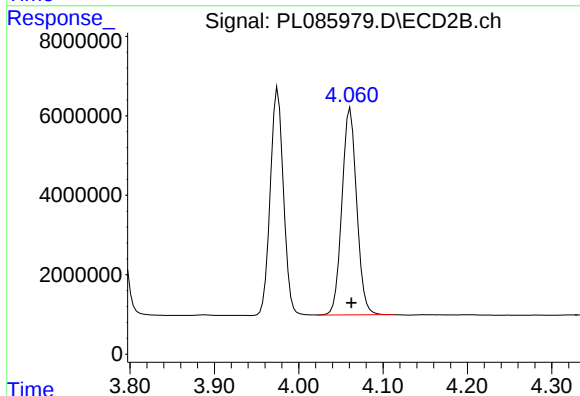
#5 Aldrin

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 206177207
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

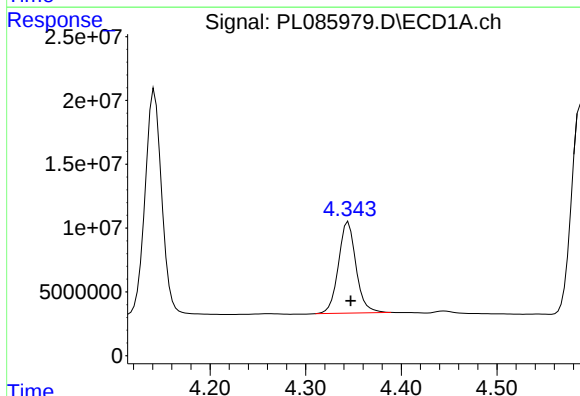
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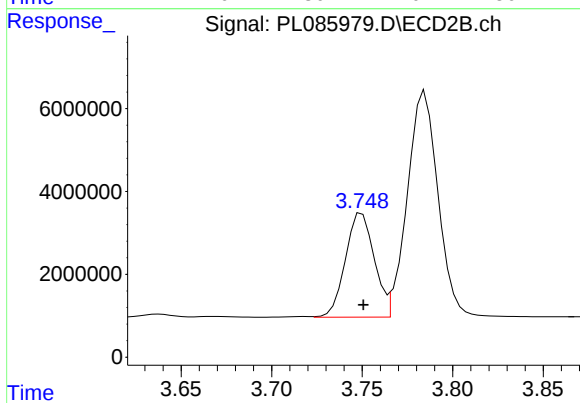
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.001 min
Response: 63373825
Conc: 56.67 ng/ml



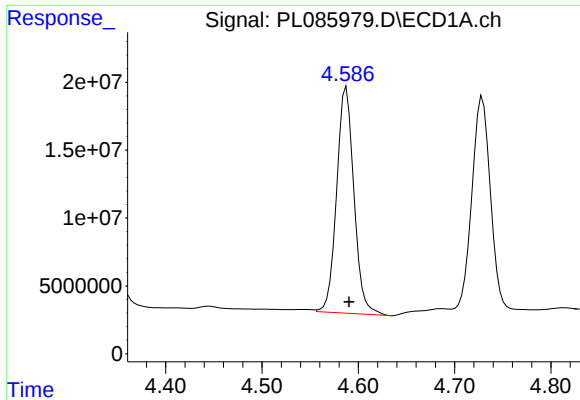
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.003 min
Response: 91804818
Conc: 55.52 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 27772082
Conc: 53.35 ng/ml



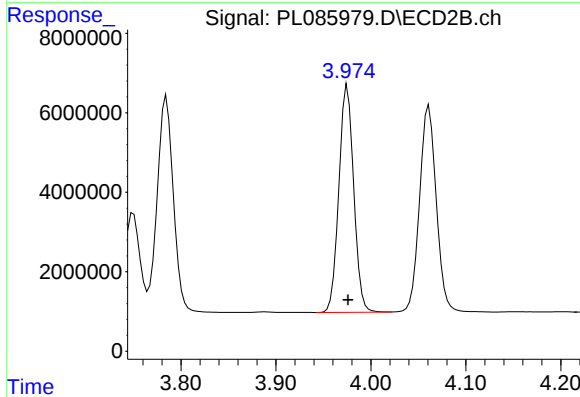
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 208156218
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

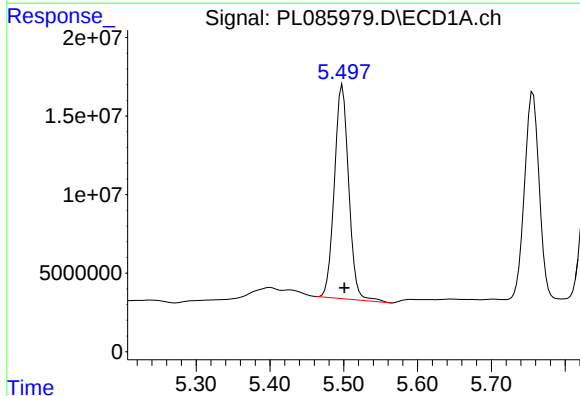
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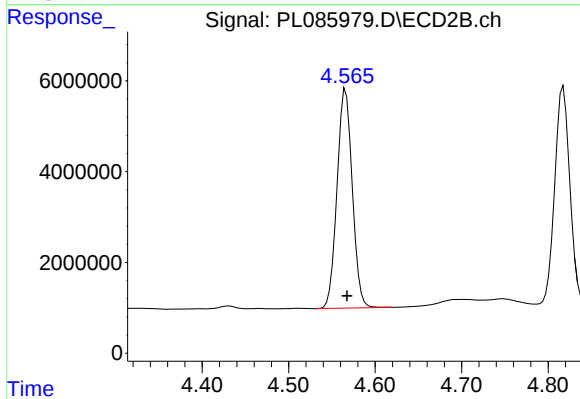
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 62209879
Conc: 54.14 ng/ml



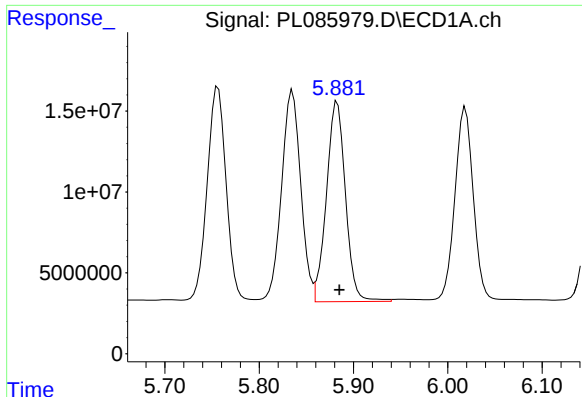
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 184299372
Conc: 53.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.001 min
Response: 58834968
Conc: 58.58 ng/ml



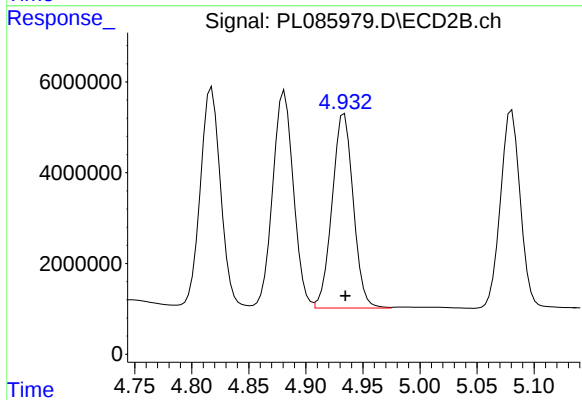
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 173440422
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

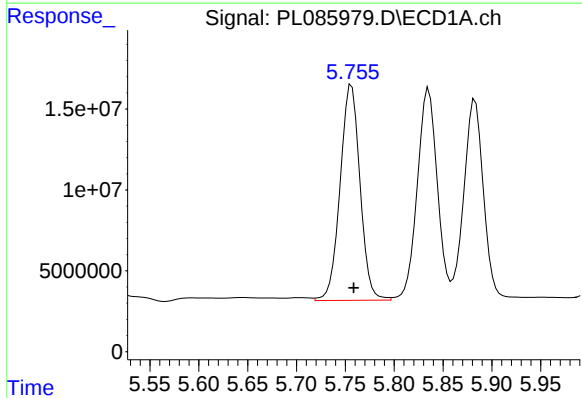
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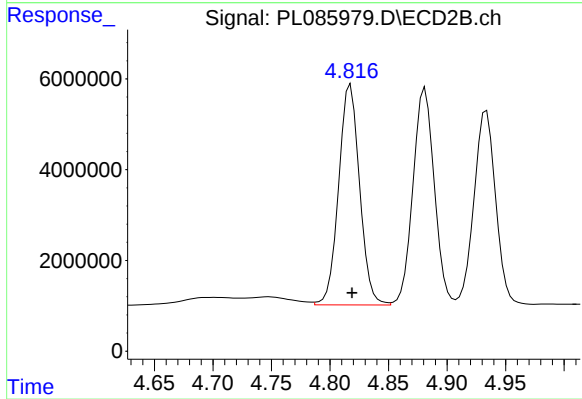
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 55313943
Conc: 51.56 ng/ml



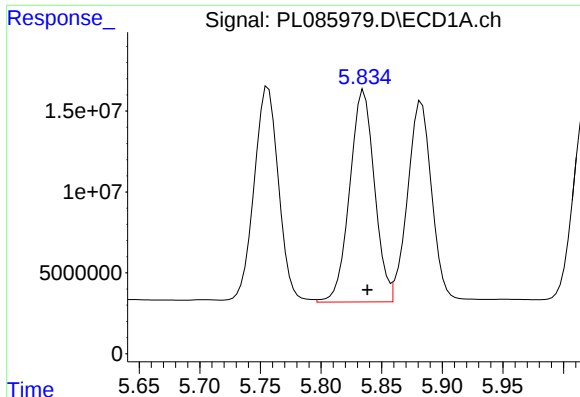
#10 gamma-Chlordane

R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 189233144
Conc: 55.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 60542864
Conc: 61.13 ng/ml



#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 186181356
Conc: 54.48 ng/ml

Instrument :

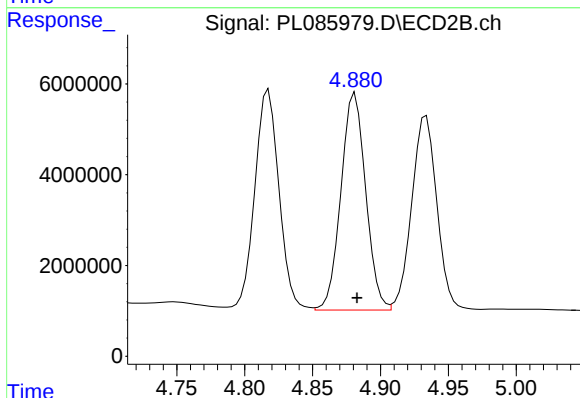
ECD_L

ClientSampleId :

LSS-B4-COMP-101323MSD

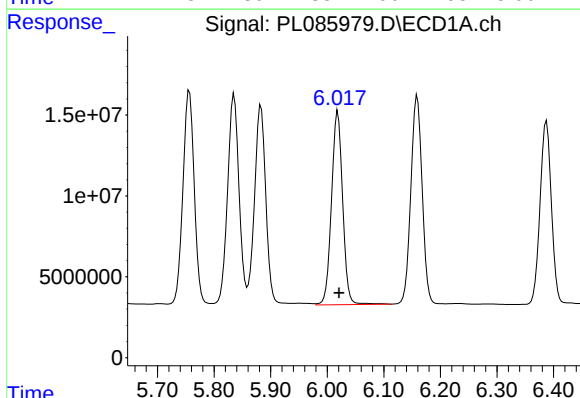
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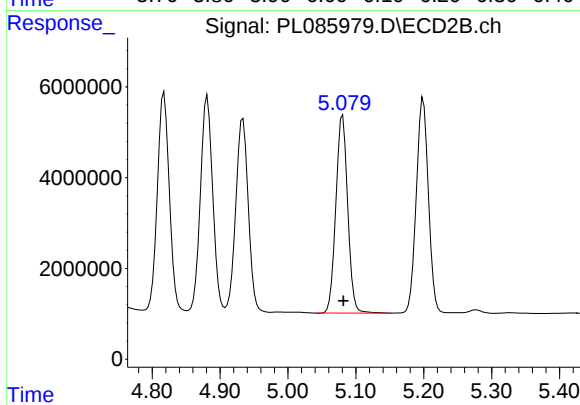
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 60691245
Conc: 55.64 ng/ml



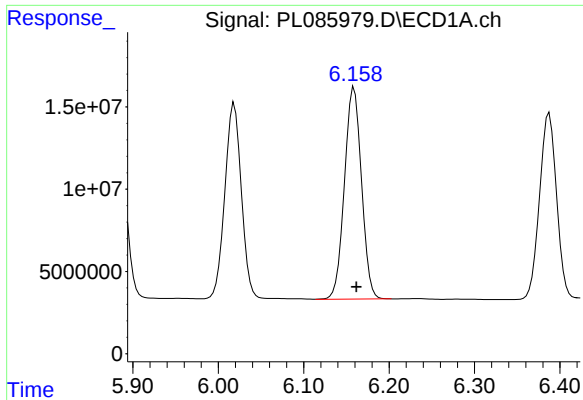
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 164329723
Conc: 58.76 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: -0.001 min
Response: 52970953
Conc: 64.51 ng/ml



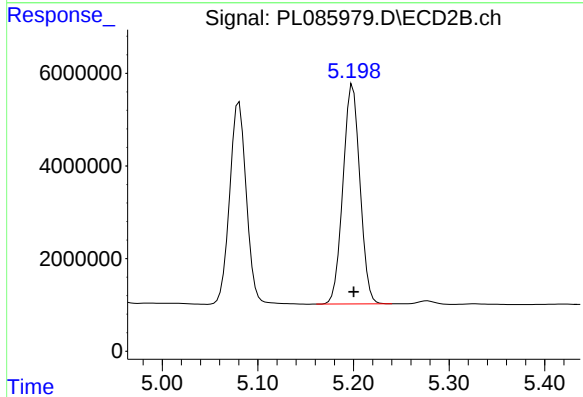
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 178411737
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

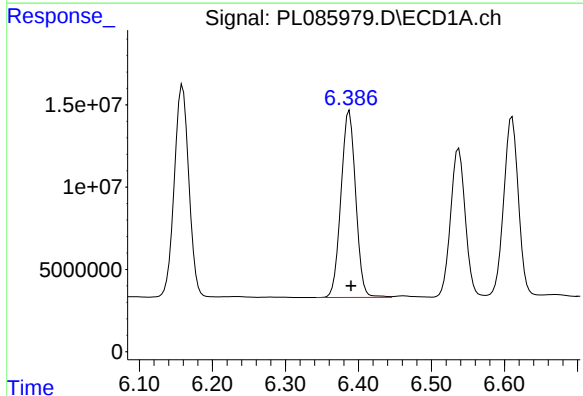
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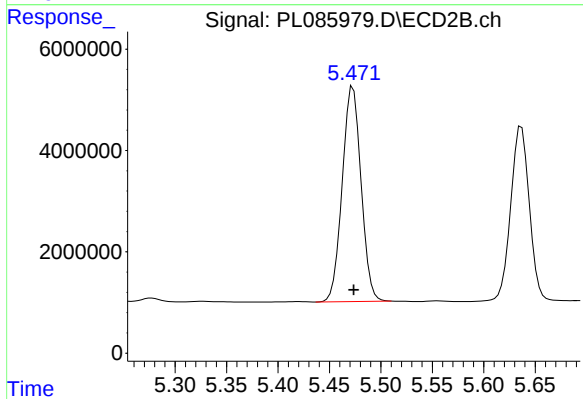
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 58653733
Conc: 60.45 ng/ml



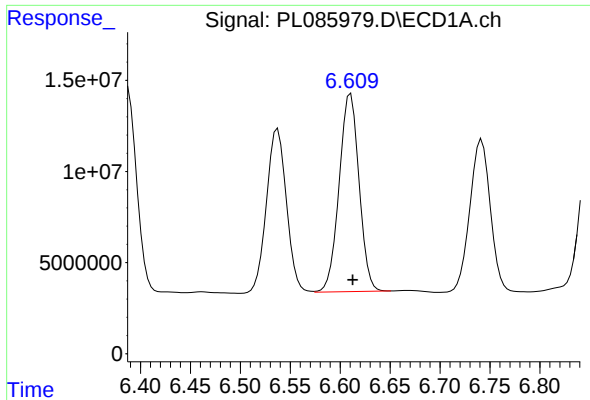
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 158716952
Conc: 55.69 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 54105283
Conc: 60.18 ng/ml



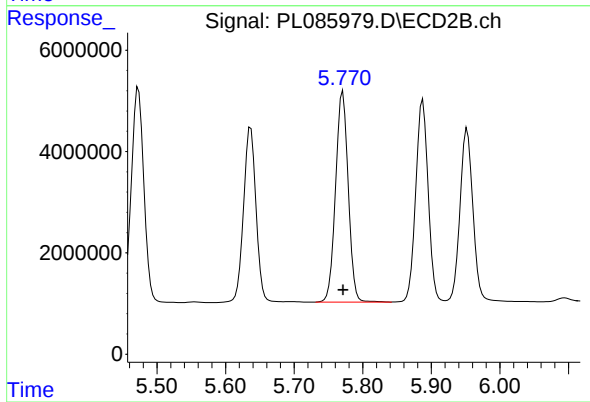
#15 Endosulfan II

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 150620322
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

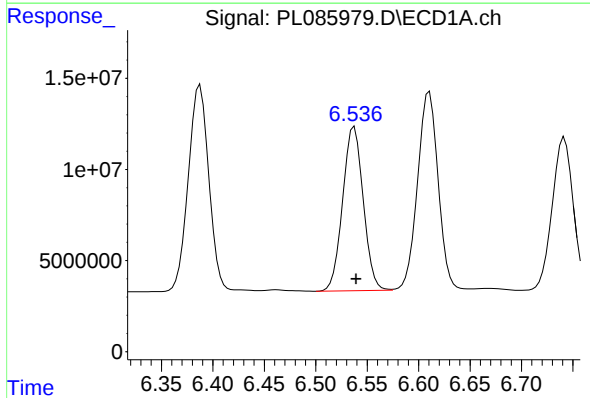
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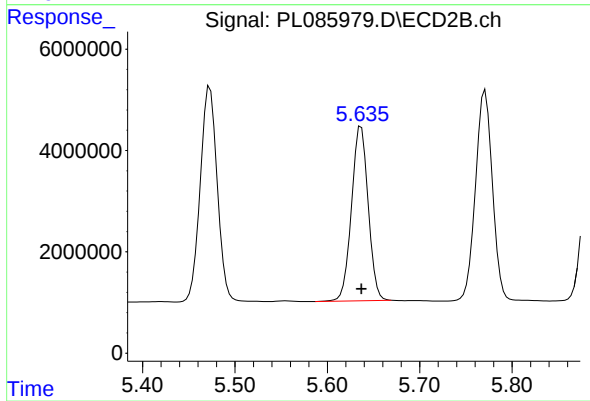
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 53281623
Conc: 56.03 ng/ml



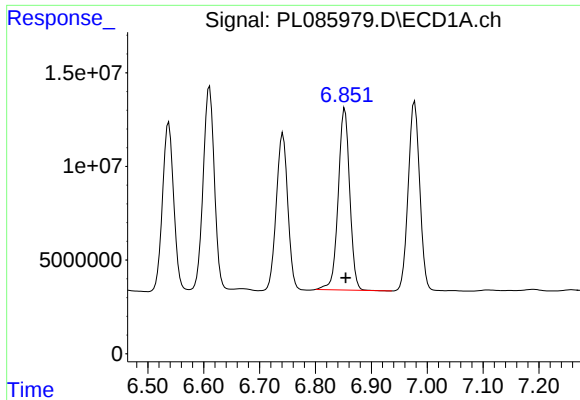
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 125140566
Conc: 62.11 ng/ml



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 43162030
Conc: 62.01 ng/ml



#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 138862616
Conc: 58.91 ng/ml

Instrument :

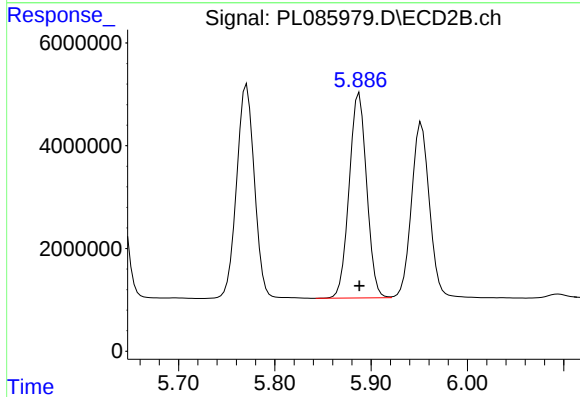
ECD_L

ClientSampleId :

LSS-B4-COMP-101323MSD

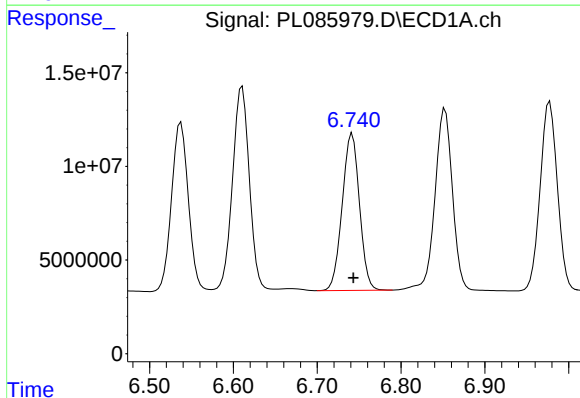
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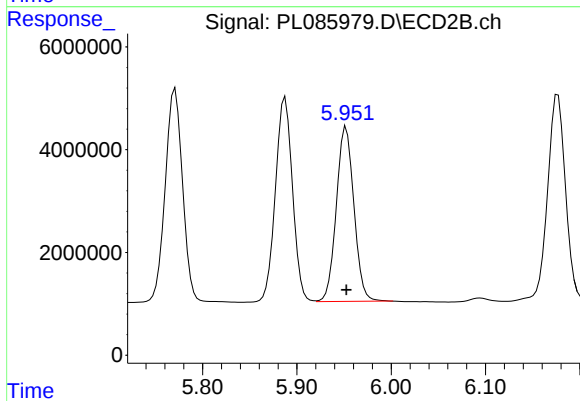
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 50197144
Conc: 63.48 ng/ml



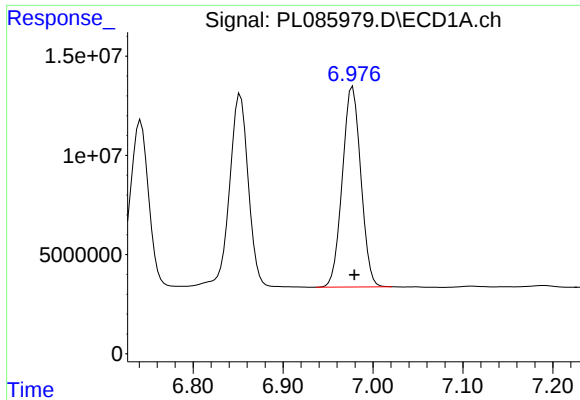
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 119872802
Conc: 59.14 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 44107132
Conc: 59.15 ng/ml



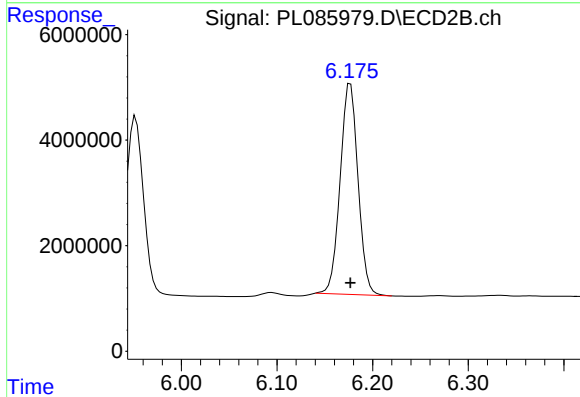
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 144203344
Conc: 57.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

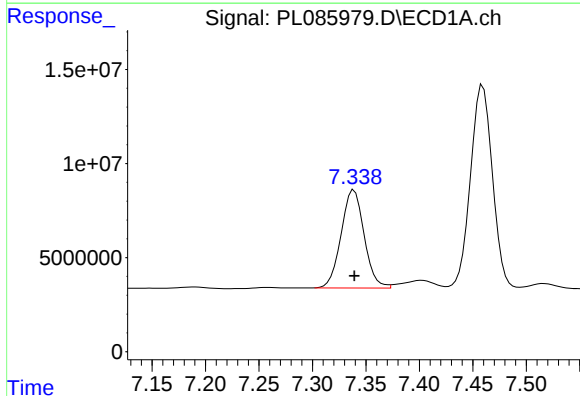
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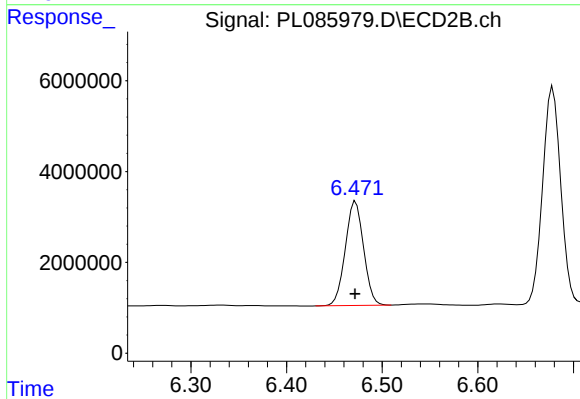
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 52007329
Conc: 57.65 ng/ml



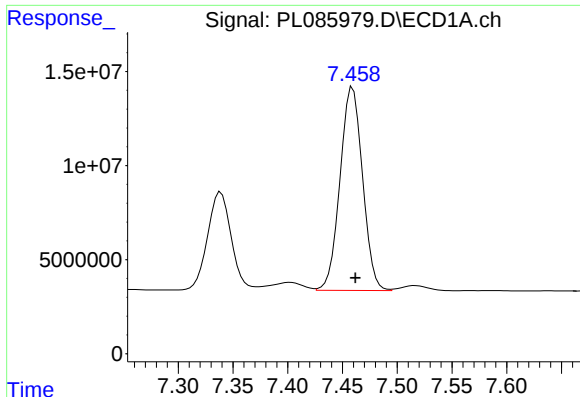
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 78184850
Conc: 55.98 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 30603989
Conc: 58.17 ng/ml



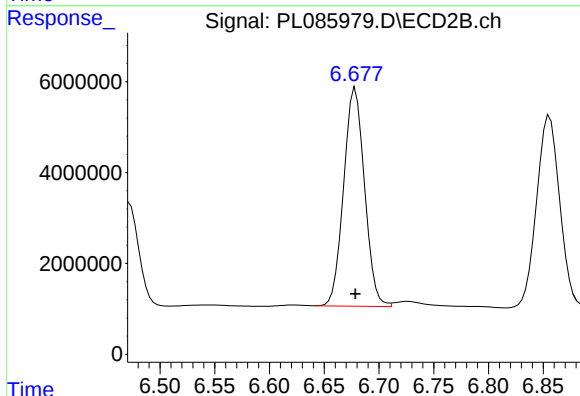
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 154730618
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
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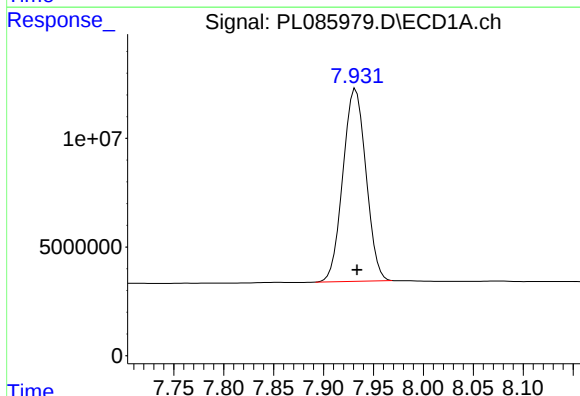
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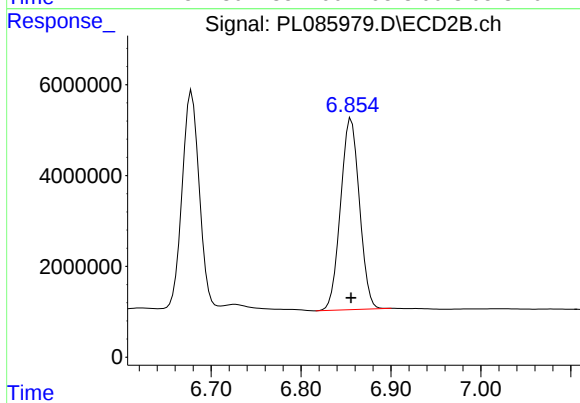
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 63791748
Conc: 55.50 ng/ml



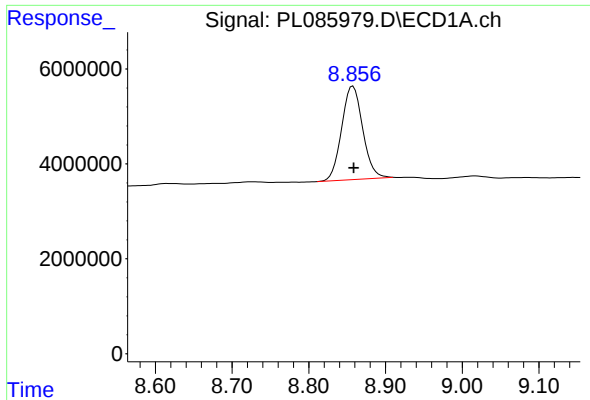
#22 Mirex

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 142490983
Conc: 64.36 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 61353912
Conc: 65.05 ng/ml



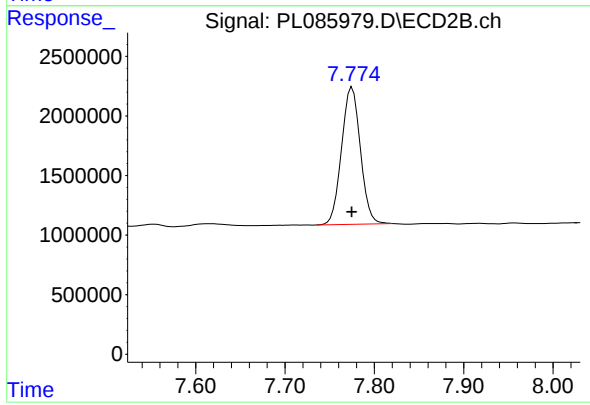
#28 Decachlorobiphenyl

R.T.: 8.857 min
Delta R.T.: -0.001 min
Response: 37832896
Conc: 17.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 16861379
Conc: 18.27 ng/ml