

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 15:35
 Operator : AR\AJ
 Sample : 05832-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CHRT-20103MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:31:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.426	2.682	33367755	15603471	8.866	9.270
28)	SA Decachlor...	8.986	7.874	22855634	11201419	6.703	6.632
Target Compounds							
2)	A alpha-BHC	3.883	3.187	170.6E6	73872398	31.513	30.059
3)	MA gamma-BHC...	4.215	3.518	163.3E6	74783476	31.075m	30.872
4)	MA Heptachlor	4.810	3.861	172.7E6	71448434	32.429	29.891
5)	MB Aldrin	5.152	4.141	165.2E6	68408152	31.725	28.530
6)	B beta-BHC	4.416	3.819	71887311	29384173	31.299	28.227
7)	B delta-BHC	4.661	4.048	163.8E6	68360194	31.319m	27.945
8)	B Heptachlo...	5.582	4.649	161.7E6	67481442	34.313m	30.325
9)	A Endosulfan I	5.969	5.019	134.8E6	68018179	30.184	31.473m
10)	B gamma-Chl...	5.842	4.903	268.4E6	94847457	55.363	41.466 #
11)	B alpha-Chl...	5.924	4.968	316.3E6	112.4E6	65.810	48.703 #
12)	B 4,4'-DDE	6.103	5.166	122.7E6	57197889	29.609	28.808
13)	MA Dieldrin	6.248	5.287	213.8E6	102.3E6	46.064	45.925m
14)	MA Endrin	6.477	5.564	107.7E6	58736768	27.997	29.433
15)	B Endosulfa...	6.698	5.860	121.4E6	65043771	30.261m	33.407m
16)	A 4,4'-DDD	6.621	5.724	111.1E6	48417010	33.627m	29.242
17)	MA 4,4'-DDT	6.940	5.977	123.9E6	58343401	32.946	31.634
18)	B Endrin al...	6.830	6.044	90380321	47846978	31.183	32.602
19)	B Endosulfa...	7.067	6.267	118.0E6	50474648	30.050	26.794m
20)	A Methoxychlor	7.425	6.564	60828944	36313788	31.196	35.553
21)	B Endrin ke...	7.553	6.774	123.6E6	60144376	30.386	28.254
22)	Mirex	8.031	6.955	99592474	47206475	29.570	26.534m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
Data File : PL087223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2023 15:35
Operator : AR\AJ
Sample : 05832-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

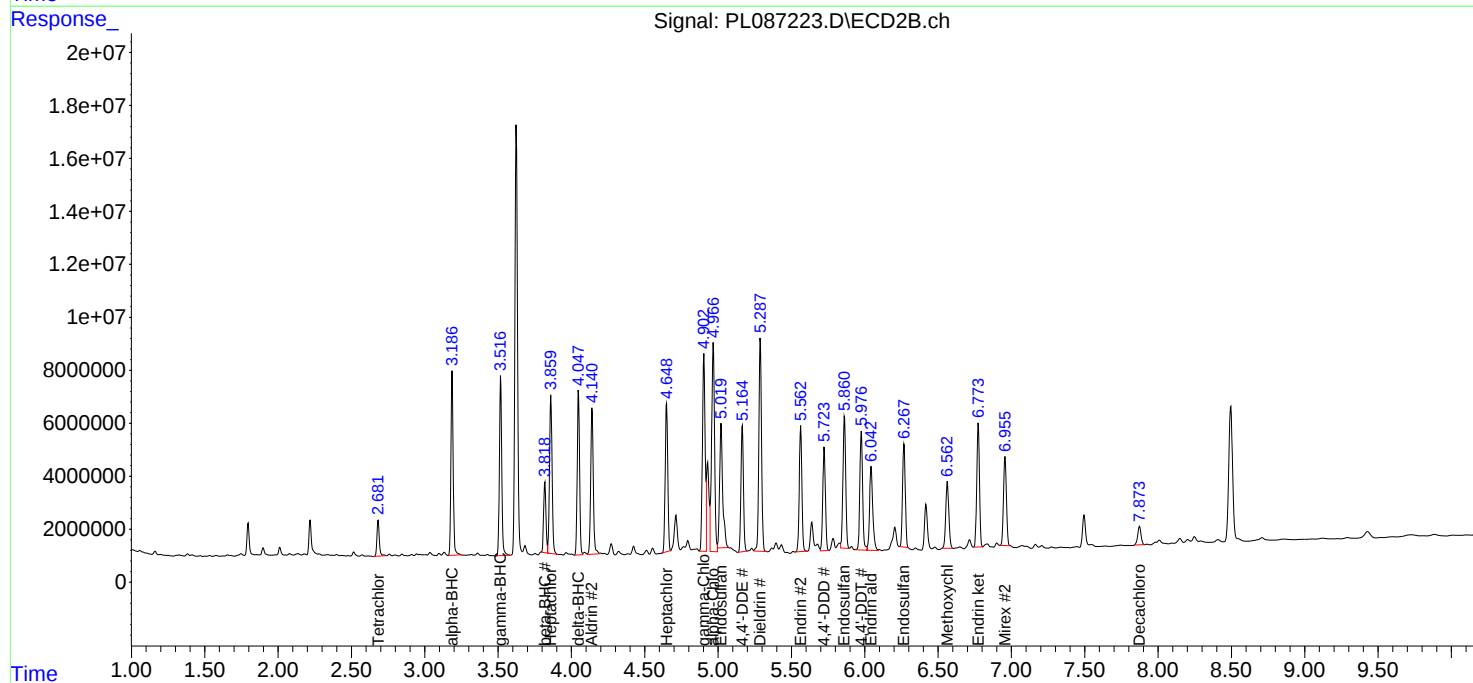
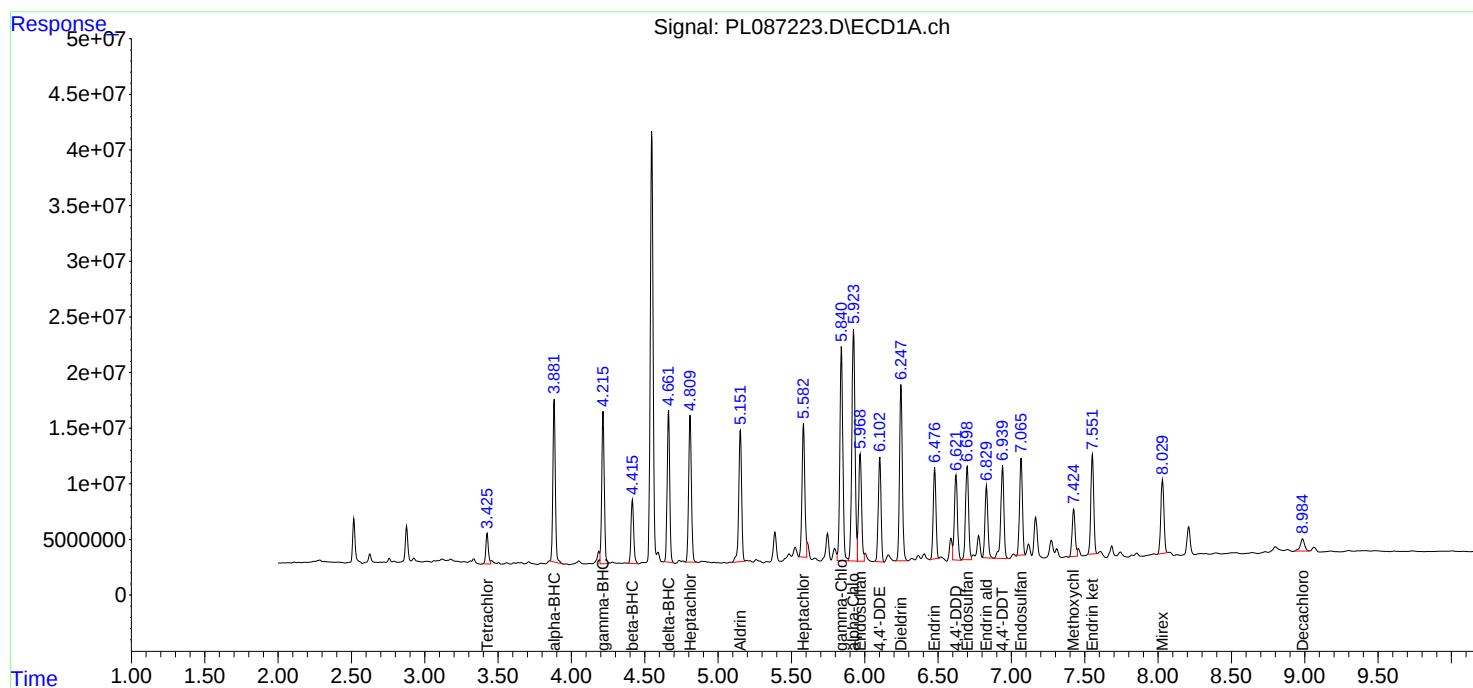
Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

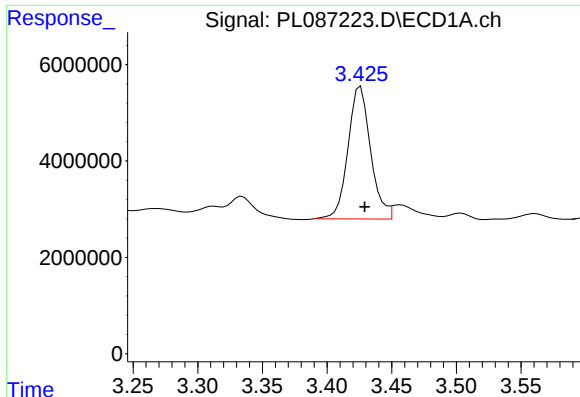
Manual Integrations
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Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 00:31:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





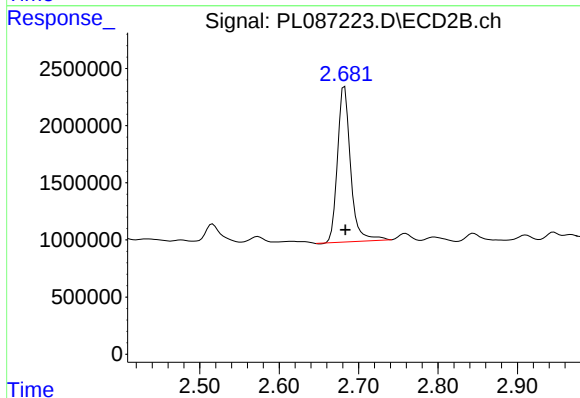
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: -0.003 min
Response: 33367755
Conc: 8.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

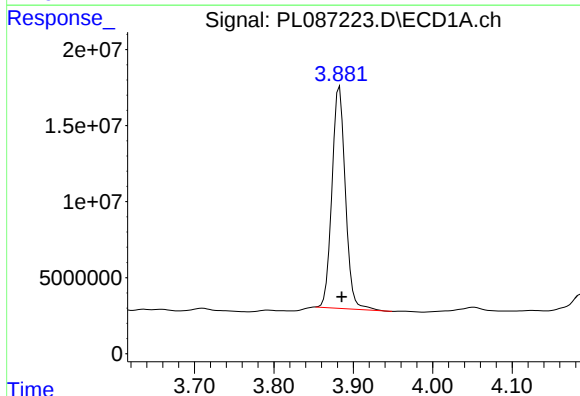
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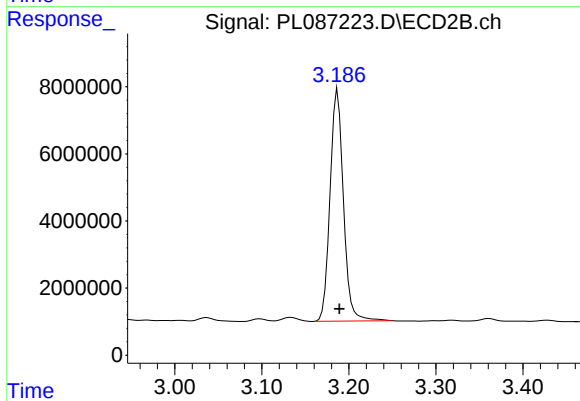
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.001 min
Response: 15603471
Conc: 9.27 ng/ml



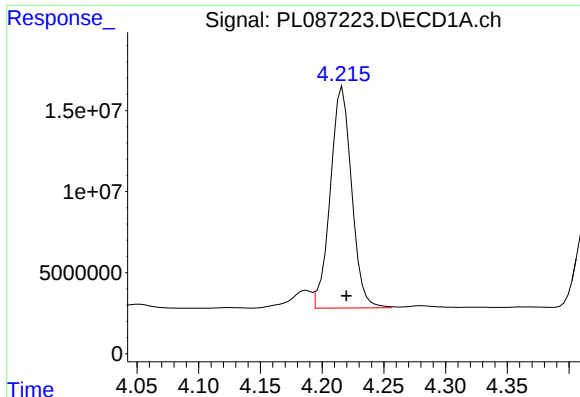
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: -0.003 min
Response: 170614819
Conc: 31.51 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 73872398
Conc: 30.06 ng/ml



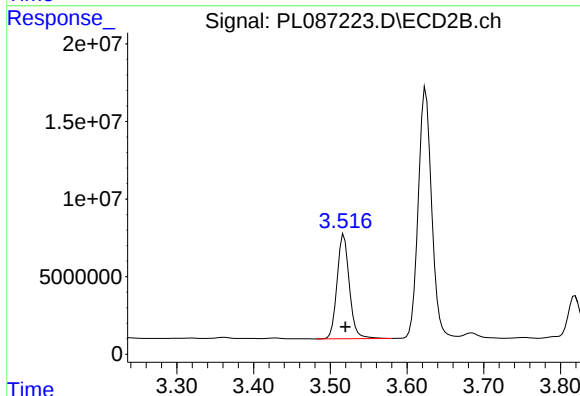
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.005 min
Response: 163321352
Conc: 31.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

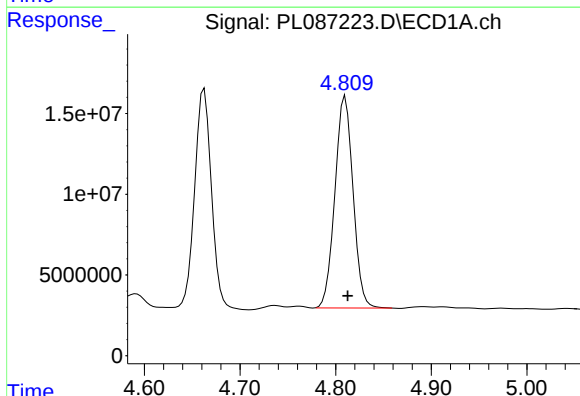
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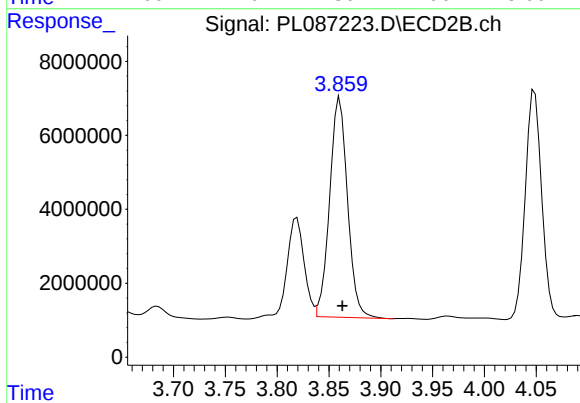
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 74783476
Conc: 30.87 ng/ml



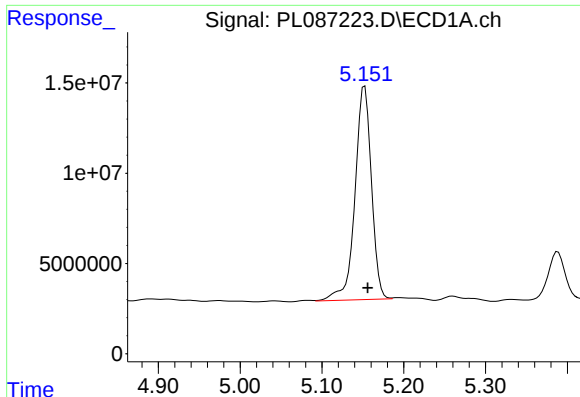
#4 Heptachlor

R.T.: 4.810 min
Delta R.T.: -0.003 min
Response: 172734135
Conc: 32.43 ng/ml



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.003 min
Response: 71448434
Conc: 29.89 ng/ml



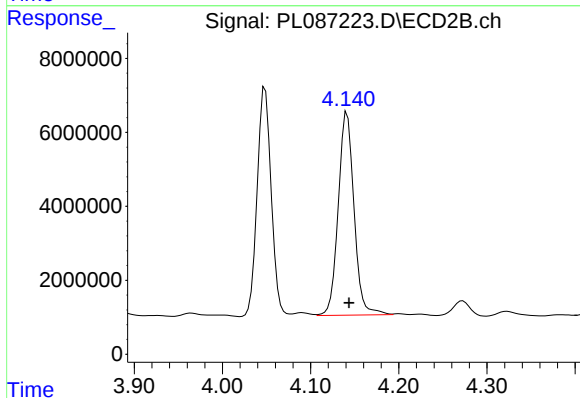
#5 Aldrin

R.T.: 5.152 min
Delta R.T.: -0.004 min
Response: 165174909
Conc: 31.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

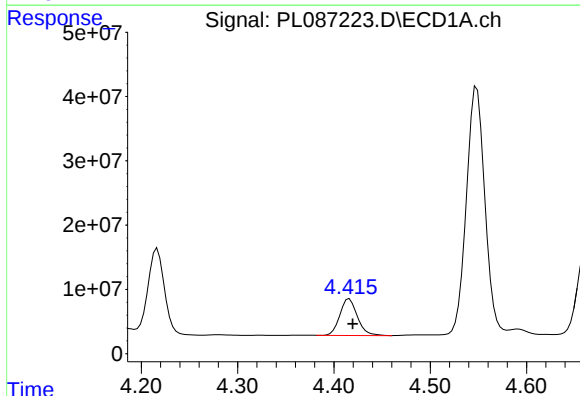
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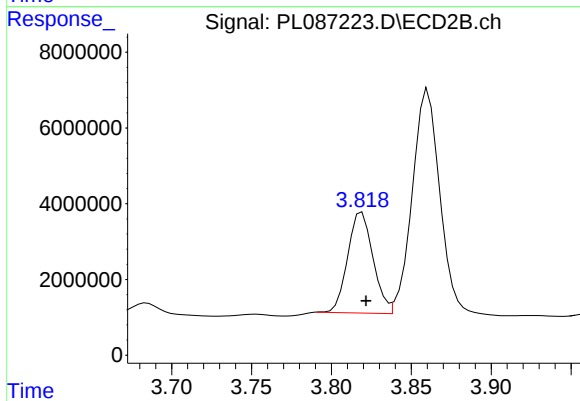
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 68408152
Conc: 28.53 ng/ml



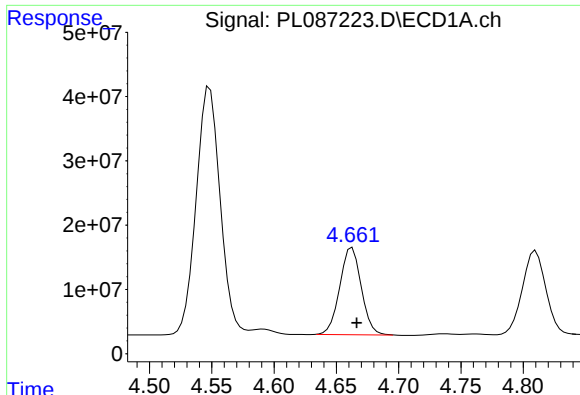
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 71887311
Conc: 31.30 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: -0.002 min
Response: 29384173
Conc: 28.23 ng/ml



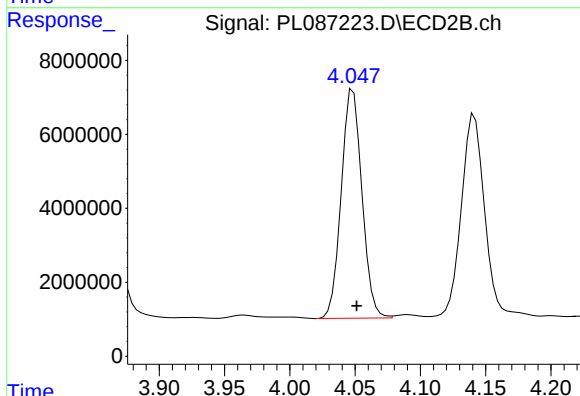
#7 delta-BHC

R.T.: 4.661 min
Delta R.T.: -0.005 min
Response: 163778270
Conc: 31.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

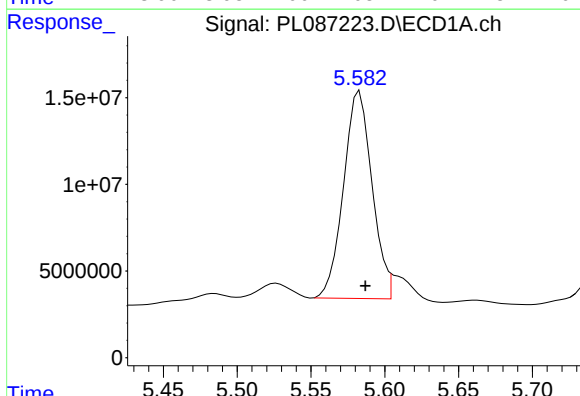
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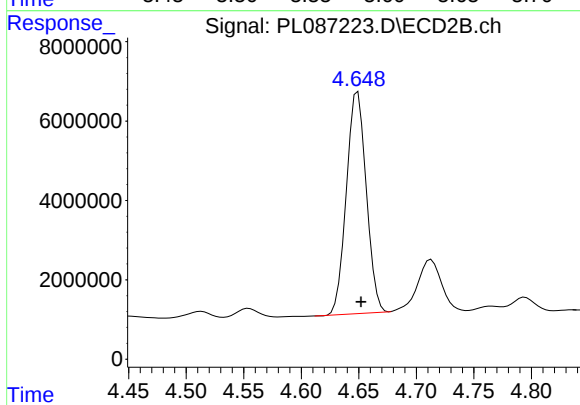
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 68360194
Conc: 27.95 ng/ml



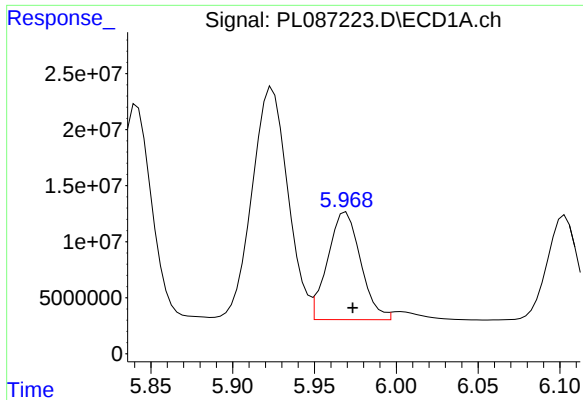
#8 Heptachlor epoxide

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 161708467
Conc: 34.31 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 67481442
Conc: 30.32 ng/ml



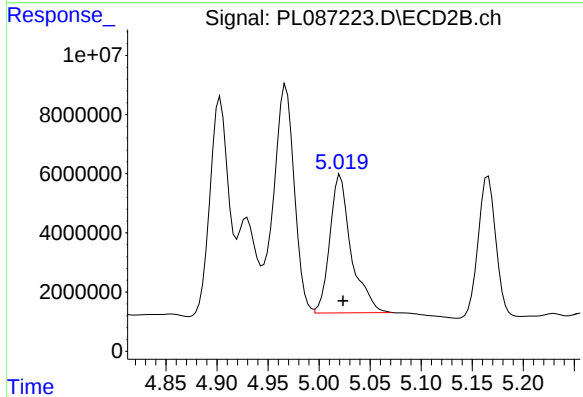
#9 Endosulfan I

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 134810605
Conc: 30.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

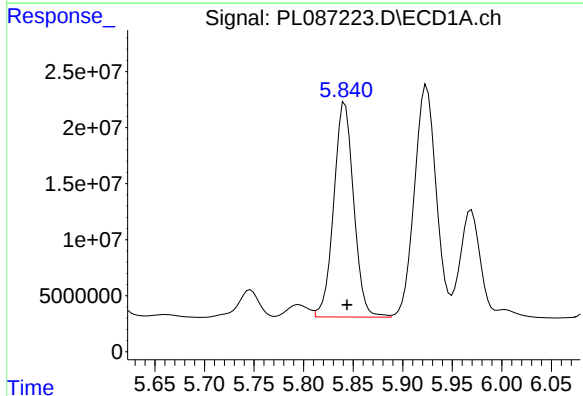
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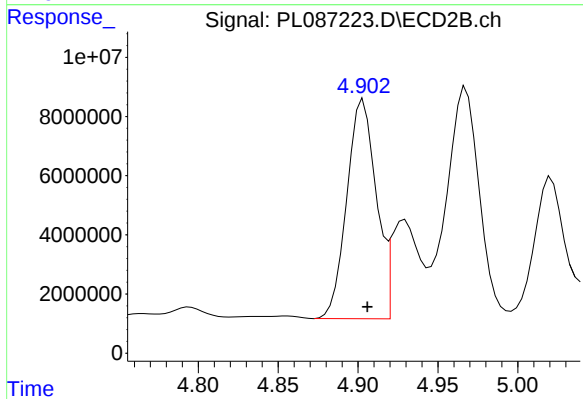
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 68018179
Conc: 31.47 ng/ml m



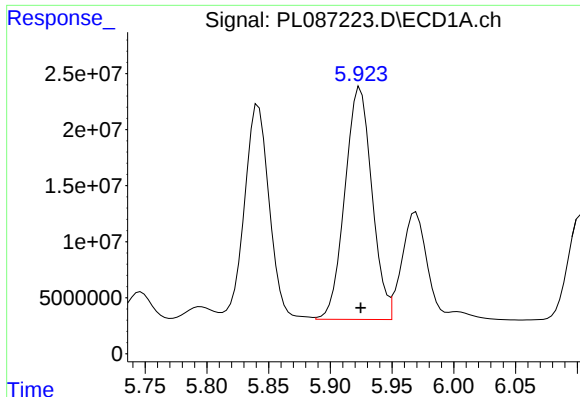
#10 gamma-Chlordane

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 268401845
Conc: 55.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 94847457
Conc: 41.47 ng/ml



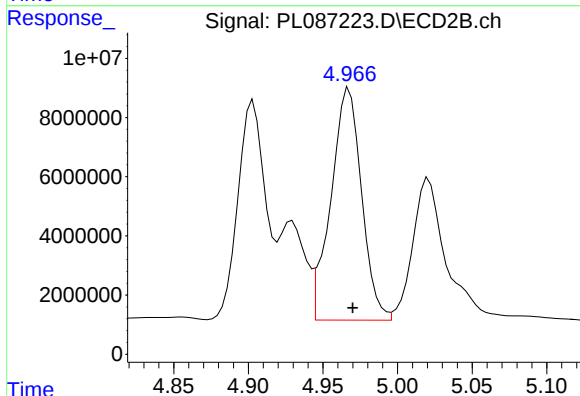
#11 alpha-Chlordane

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 316292964
Conc: 65.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

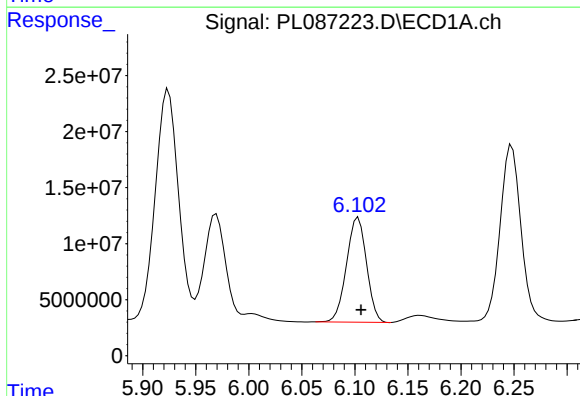
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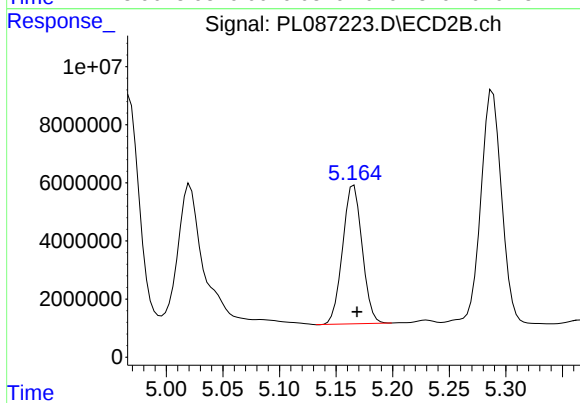
#11 alpha-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 112407189
Conc: 48.70 ng/ml



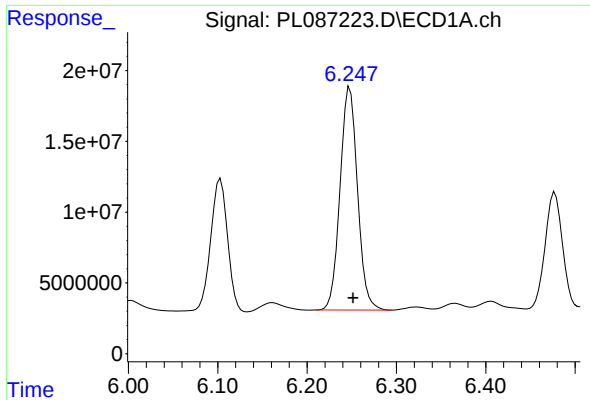
#12 4,4'-DDE

R.T.: 6.103 min
Delta R.T.: -0.003 min
Response: 122700967
Conc: 29.61 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 57197889
Conc: 28.81 ng/ml



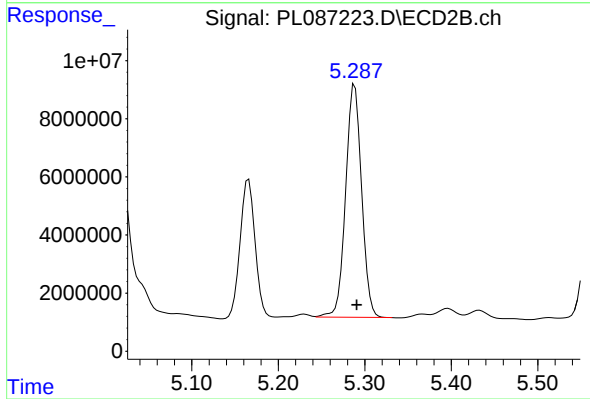
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 213780506
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

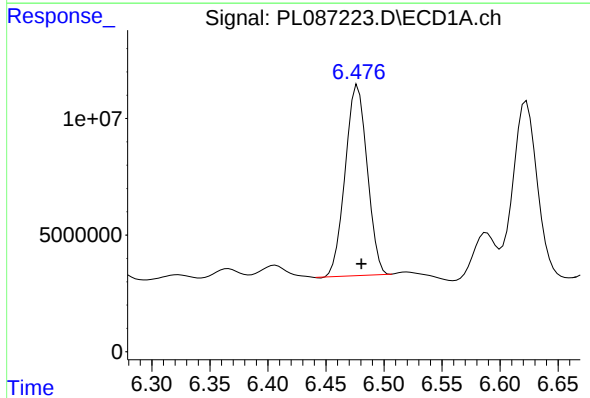
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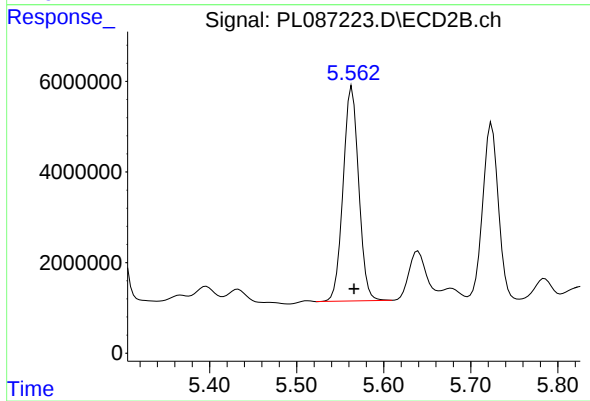
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 102308822
Conc: 45.92 ng/ml m



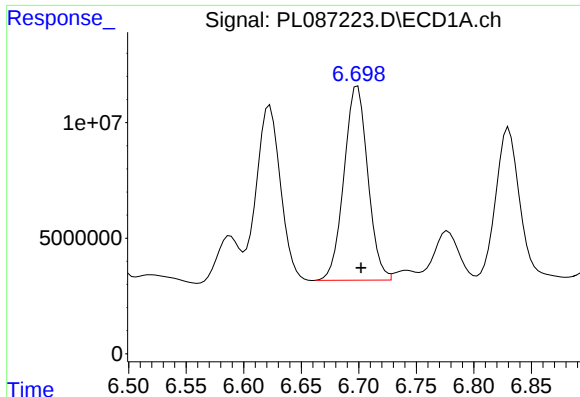
#14 Endrin

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 107715533
Conc: 28.00 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 58736768
Conc: 29.43 ng/ml



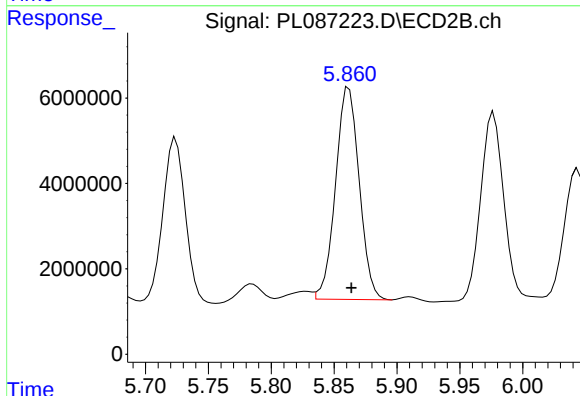
#15 Endosulfan II

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 121357528
Conc: 30.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

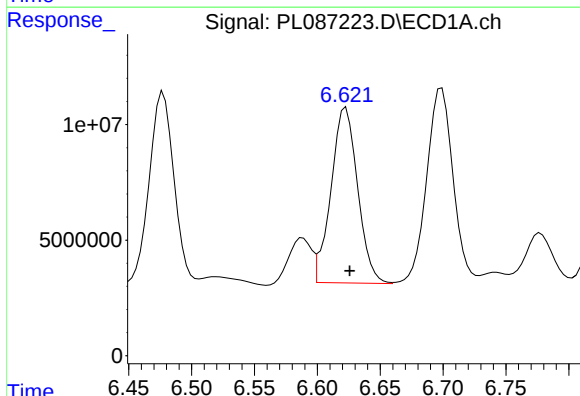
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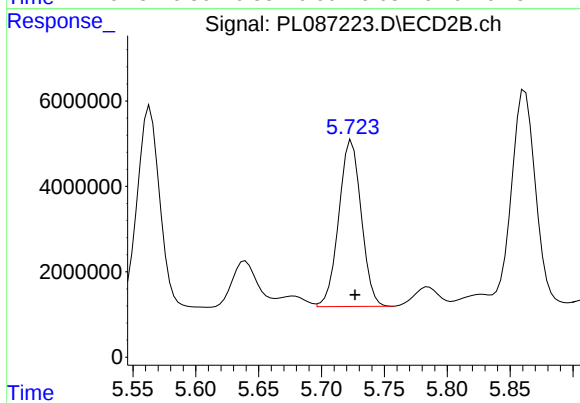
#15 Endosulfan II

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 65043771
Conc: 33.41 ng/ml m



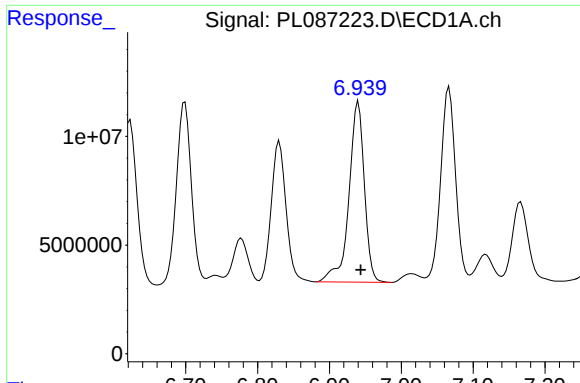
#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 111139608
Conc: 33.63 ng/ml m



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 48417010
Conc: 29.24 ng/ml



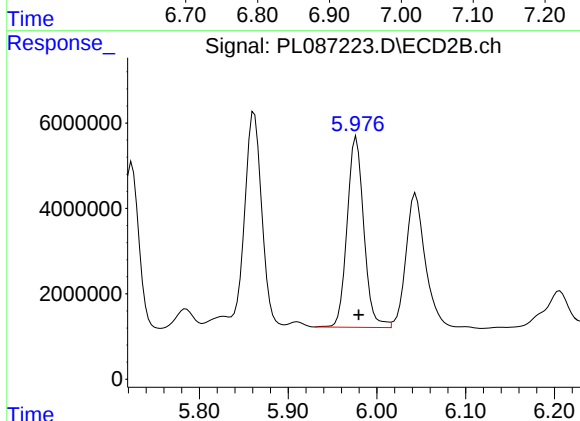
#17 4,4'-DDT

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 123884552
Conc: 32.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

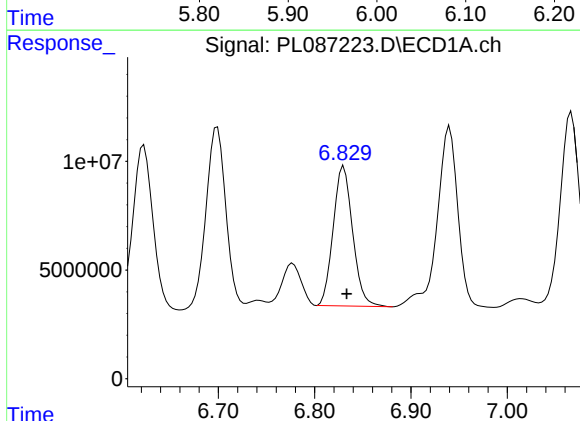
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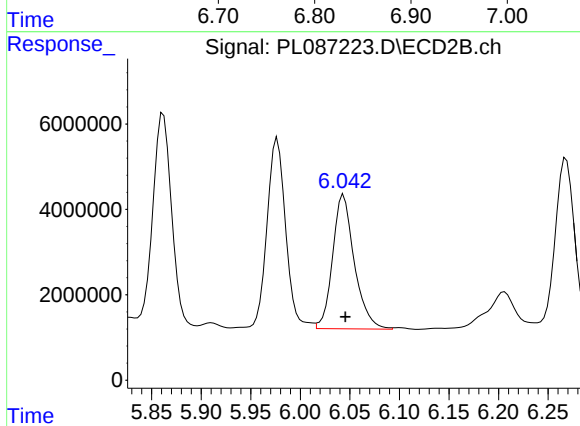
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 58343401
Conc: 31.63 ng/ml



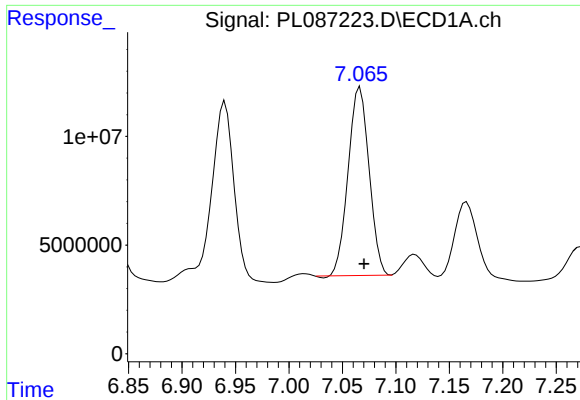
#18 Endrin aldehyde

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 90380321
Conc: 31.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 47846978
Conc: 32.60 ng/ml



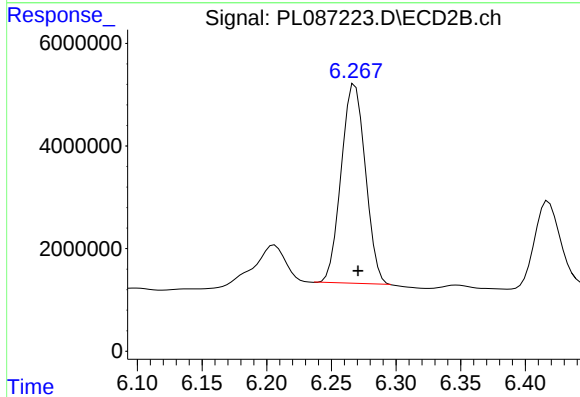
#19 Endosulfan Sulfate

R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 118002270
Conc: 30.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

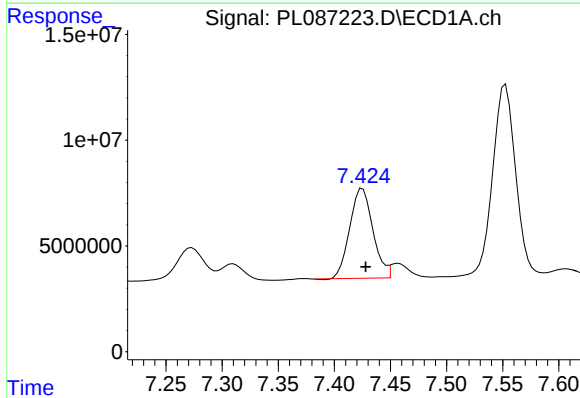
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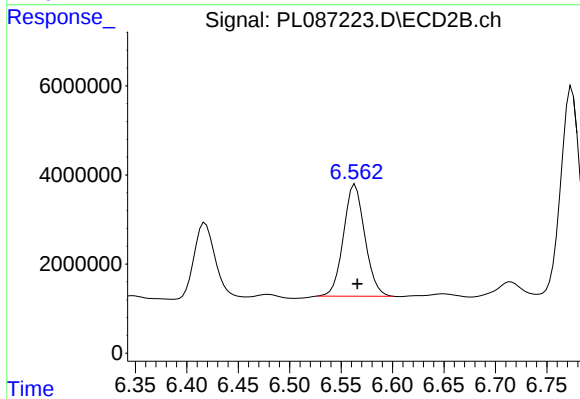
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 50474648
Conc: 26.79 ng/ml m



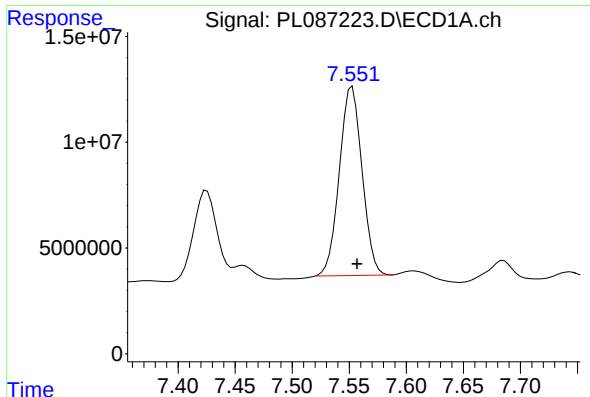
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 60828944
Conc: 31.20 ng/ml



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 36313788
Conc: 35.55 ng/ml



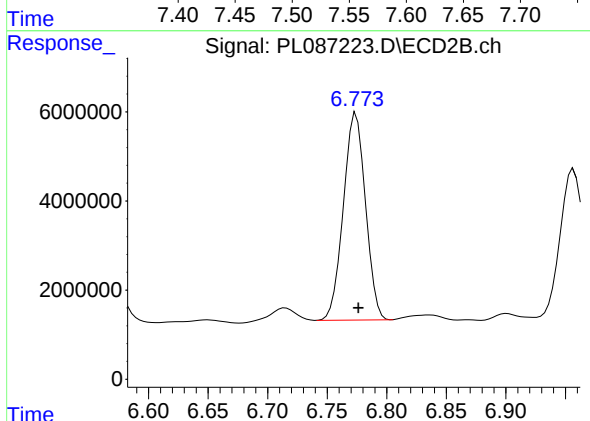
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 123619181
Conc: 30.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

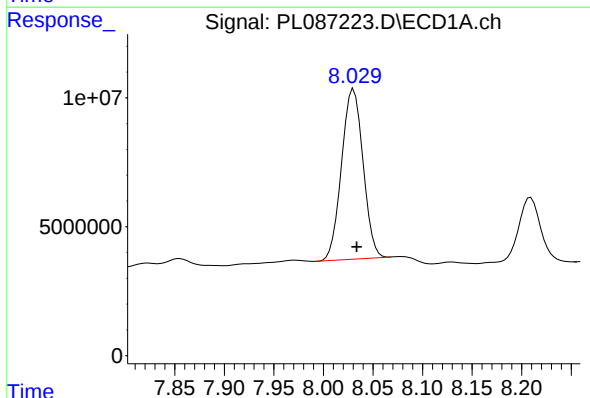
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



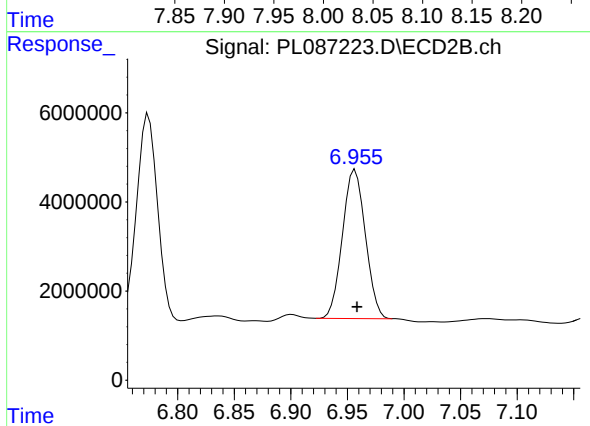
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 60144376
Conc: 28.25 ng/ml



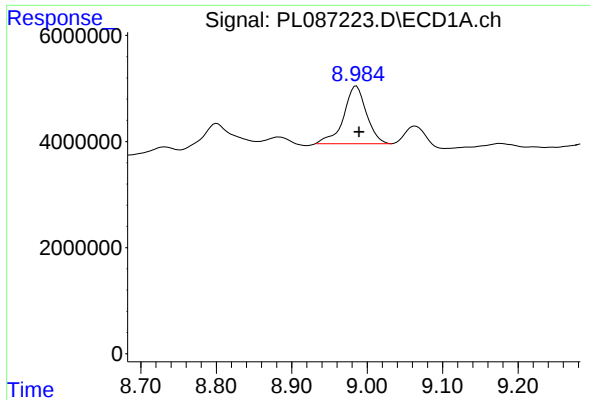
#22 Mirex

R.T.: 8.031 min
Delta R.T.: -0.003 min
Response: 99592474
Conc: 29.57 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 47206475
Conc: 26.53 ng/ml m



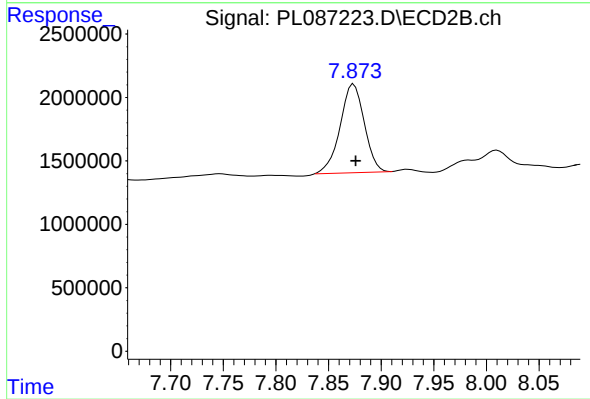
#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 22855634
Conc: 6.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 11201419
Conc: 6.63 ng/ml