

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121823\
 Data File : PL087238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 18:26
 Operator : AR\AJ
 Sample : 05832-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CHRT-20103MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/19/2023
 Supervised By : Ankita Jodhani 12/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 00:17:17 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...	3.424	2.680	32593533	14738157	8.661	8.756
28)	SA Decachlor...	8.989	7.876	24859904	12106237	7.290	7.168
Target Compounds							
2)	A alpha-BHC	3.881	3.185	166.9E6	70764988	30.823	28.794
3)	MA gamma-BHC...	4.215	3.516	143.1E6	72087876	27.224	29.759
4)	MA Heptachlor	4.808	3.859	169.2E6	70474127	31.759	29.483
5)	MB Aldrin	5.151	4.140	162.2E6	68034607	31.152	28.374
6)	B beta-BHC	4.414	3.817	70319558	27851585	30.616	26.755
7)	B delta-BHC	4.660	4.047	160.6E6	66388923	30.719m	27.140
8)	B Heptachlo...	5.583	4.648	179.2E6	67068350	38.031	30.139
9)	A Endosulfan I	5.969	5.020	139.5E6	74435181	31.243	34.442
10)	B gamma-Chl...	5.841	4.902	273.1E6	95381918	56.333	41.700 #
11)	B alpha-Chl...	5.923	4.966	319.6E6	113.1E6	66.505	48.984 #
12)	B 4,4'-DDE	6.102	5.165	122.2E6	57290065	29.484	28.854
13)	MA Dieldrin	6.248	5.287	218.7E6	100.1E6	47.128	44.935
14)	MA Endrin	6.477	5.564	115.8E6	61090173	30.093	30.612
15)	B Endosulfa...	6.699	5.862	119.8E6	65221702	29.866	33.498
16)	A 4,4'-DDD	6.622	5.724	111.8E6	47825271	33.834m	28.884
17)	MA 4,4'-DDT	6.941	5.977	130.4E6	59329923	34.688	32.169
18)	B Endrin al...	6.831	6.044	92636914	48122906	31.962	32.790
19)	B Endosulfa...	7.068	6.269	121.7E6	51317247	30.979	27.241
20)	A Methoxychlor	7.424	6.564	64008490	37186412	32.826m	36.408
21)	B Endrin ke...	7.554	6.775	125.3E6	60297248	30.811	28.326
22)	Mirex	8.033	6.956	104.2E6	48785410	30.942	27.421m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121823\
Data File : PL087238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2023 18:26
Operator : AR\AJ
Sample : 05832-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

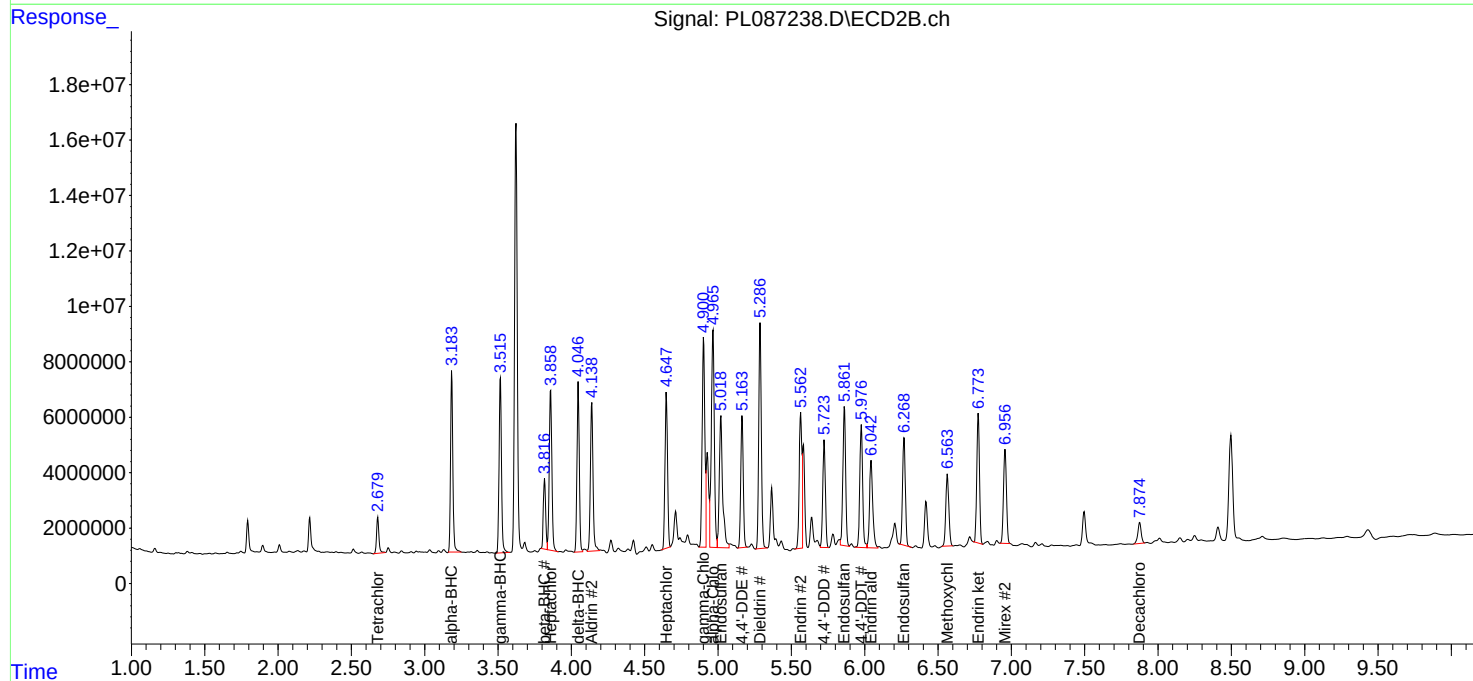
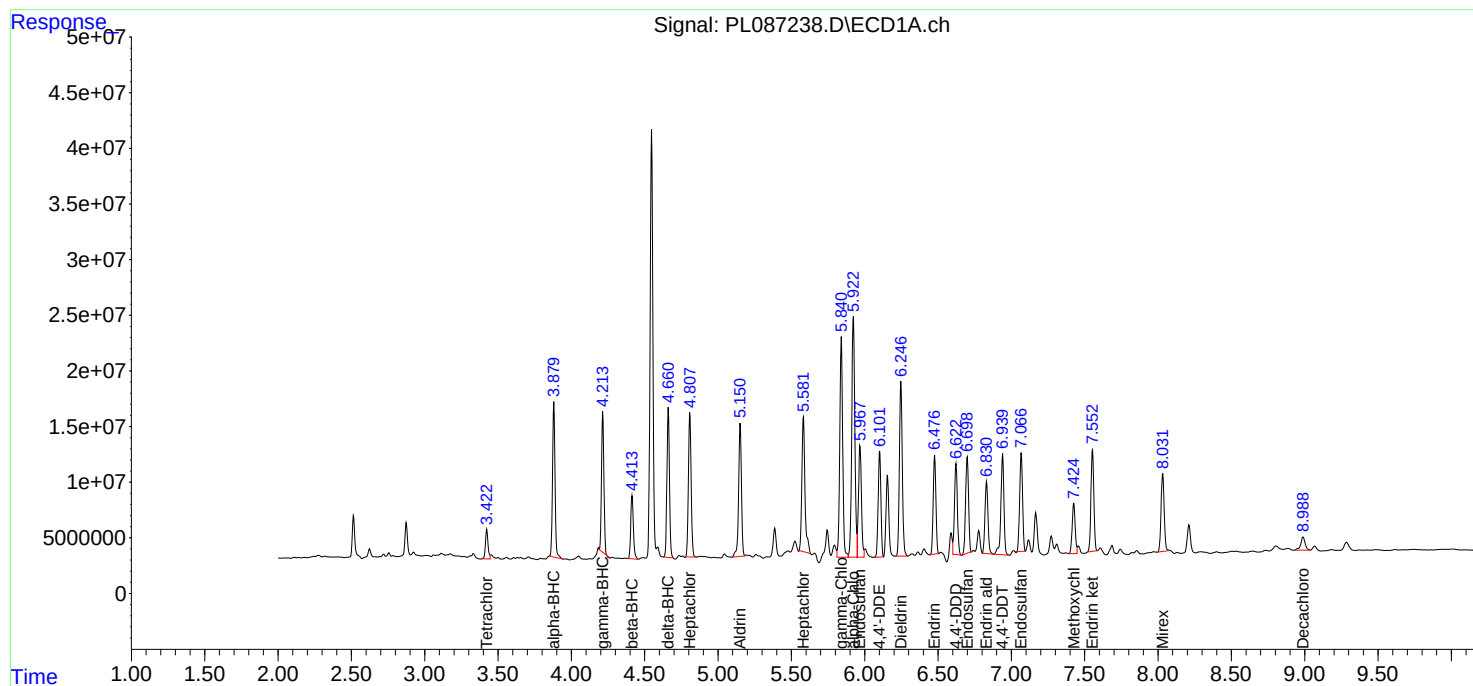
Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

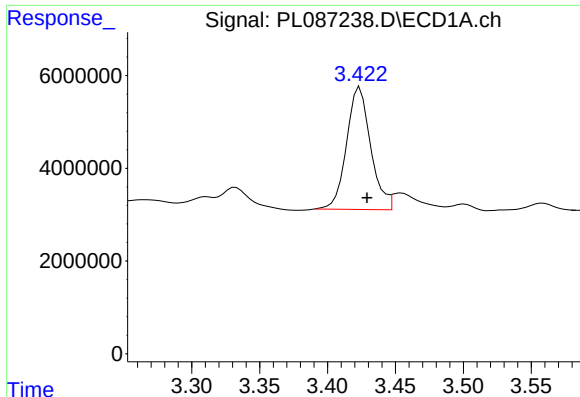
Manual Integrations
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Supervised By :Ankita Jodhani 12/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 00:17:17 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





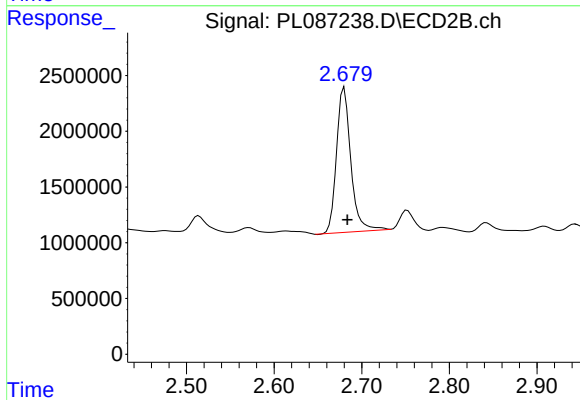
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: -0.005 min
Response: 32593533
Conc: 8.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

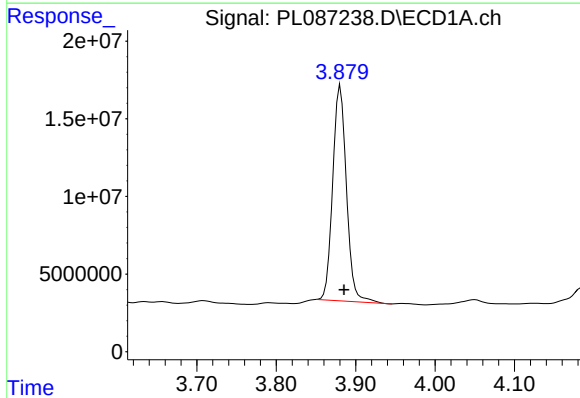
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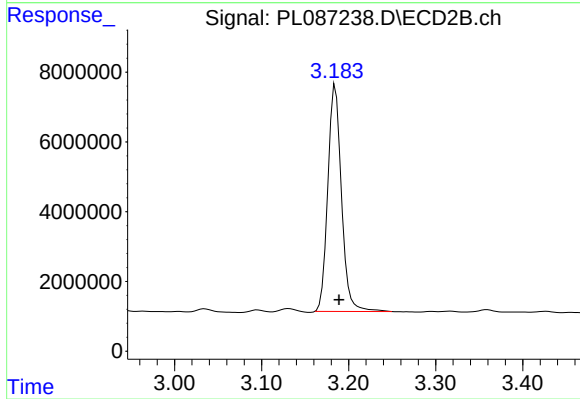
#1 Tetrachloro-m-xylene

R.T.: 2.680 min
Delta R.T.: -0.003 min
Response: 14738157
Conc: 8.76 ng/ml



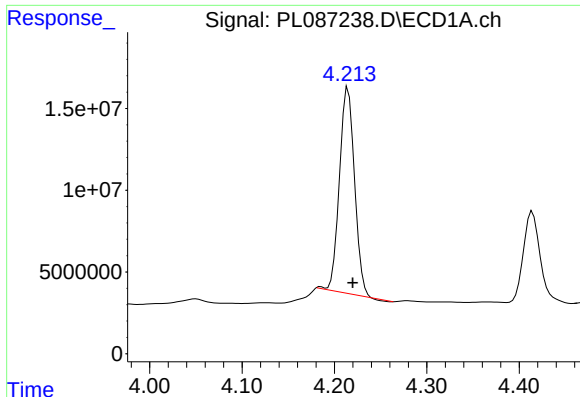
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.005 min
Response: 166880928
Conc: 30.82 ng/ml



#2 alpha-BHC

R.T.: 3.185 min
Delta R.T.: -0.004 min
Response: 70764988
Conc: 28.79 ng/ml



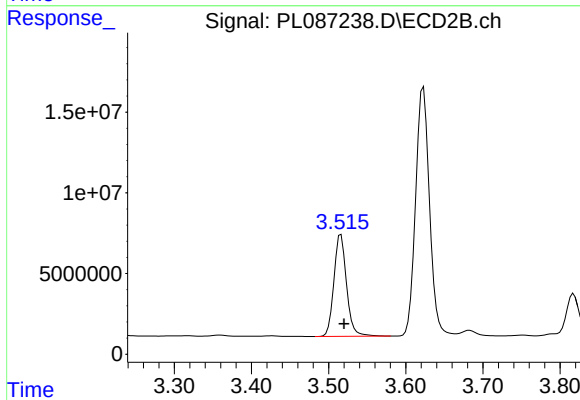
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.005 min
Response: 143083077
Conc: 27.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

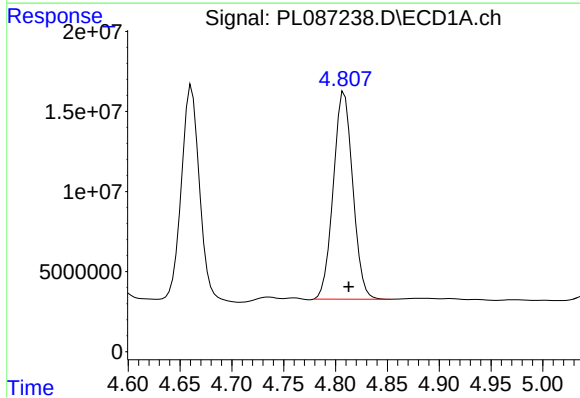
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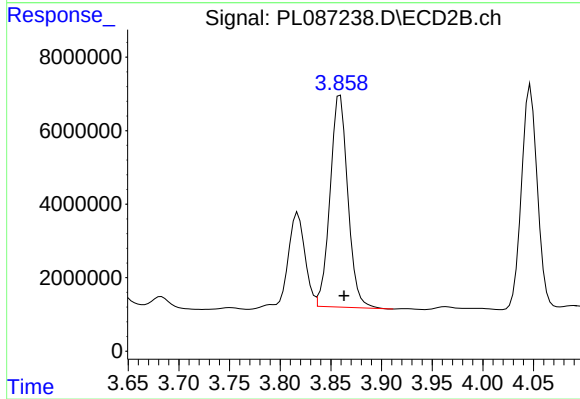
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 72087876
Conc: 29.76 ng/ml



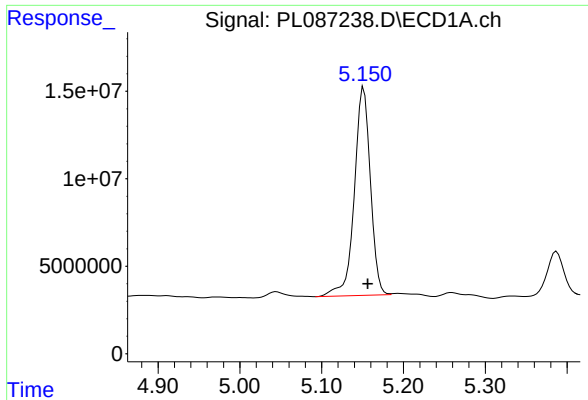
#4 Heptachlor

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 169168847
Conc: 31.76 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.004 min
Response: 70474127
Conc: 29.48 ng/ml



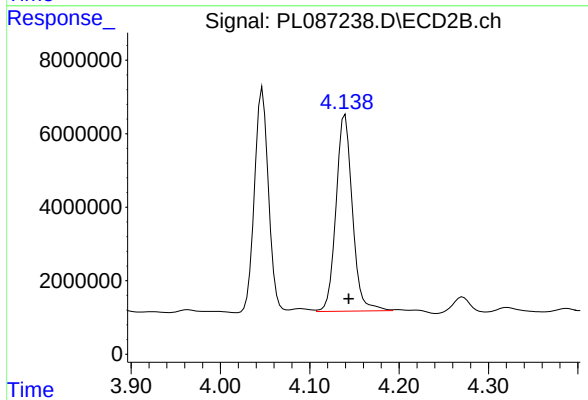
#5 Aldrin

R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 162189495
Conc: 31.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

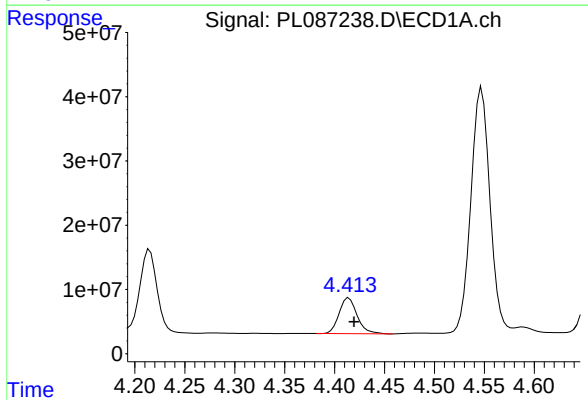
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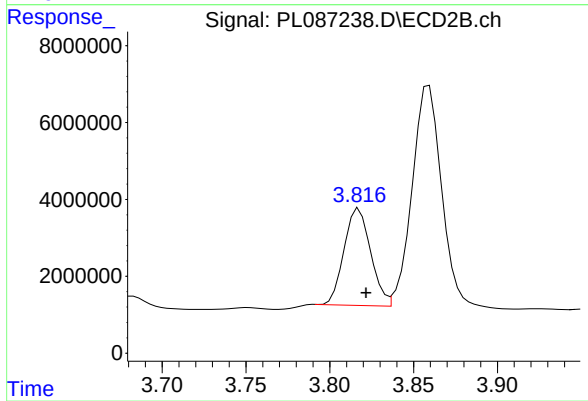
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 68034607
Conc: 28.37 ng/ml



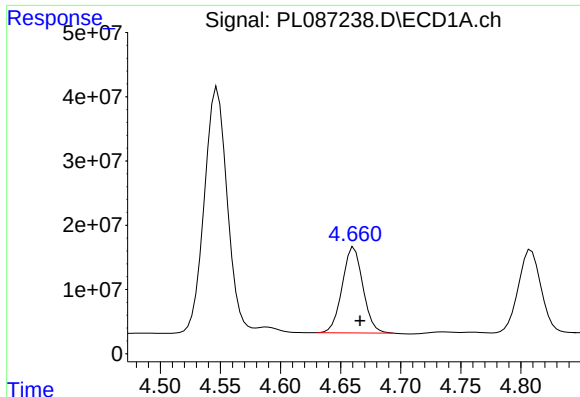
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: -0.005 min
Response: 70319558
Conc: 30.62 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.004 min
Response: 27851585
Conc: 26.75 ng/ml



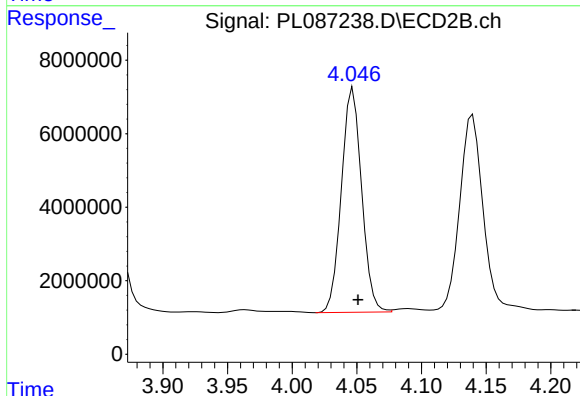
#7 delta-BHC

R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 160641709
Conc: 30.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

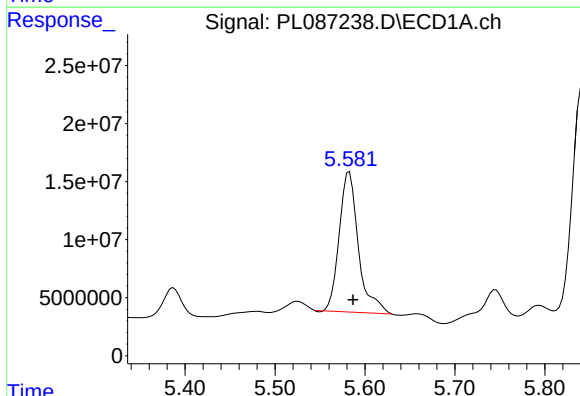
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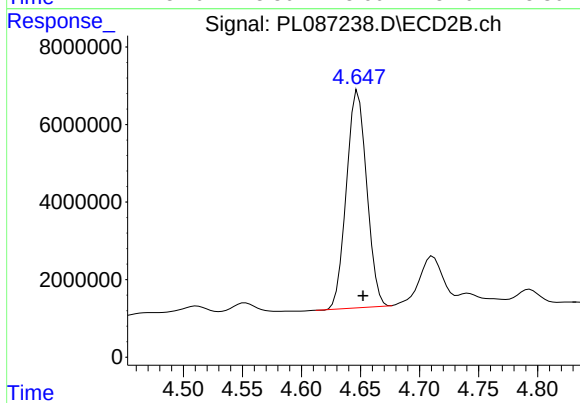
#7 delta-BHC

R.T.: 4.047 min
Delta R.T.: -0.004 min
Response: 66388923
Conc: 27.14 ng/ml



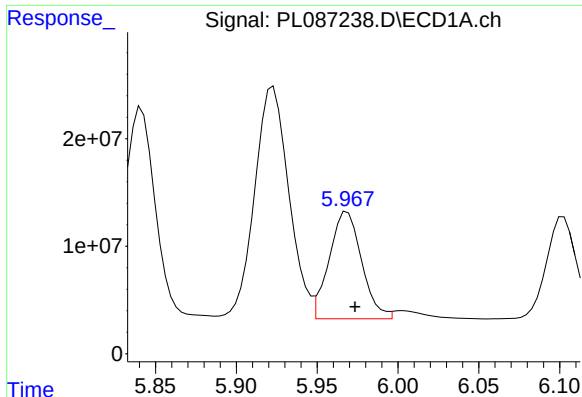
#8 Heptachlor epoxide

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 179231003
Conc: 38.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 67068350
Conc: 30.14 ng/ml



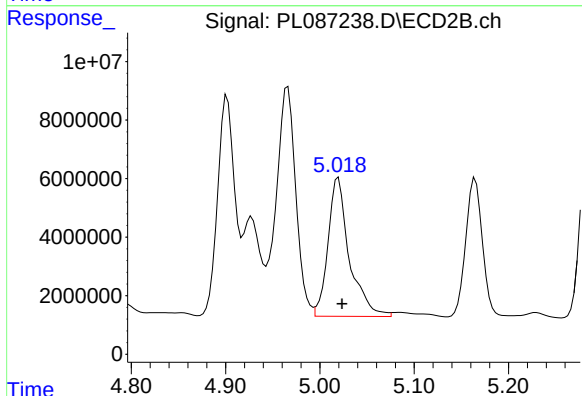
#9 Endosulfan I

R.T.: 5.969 min
Delta R.T.: -0.005 min
Response: 139542094
Conc: 31.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

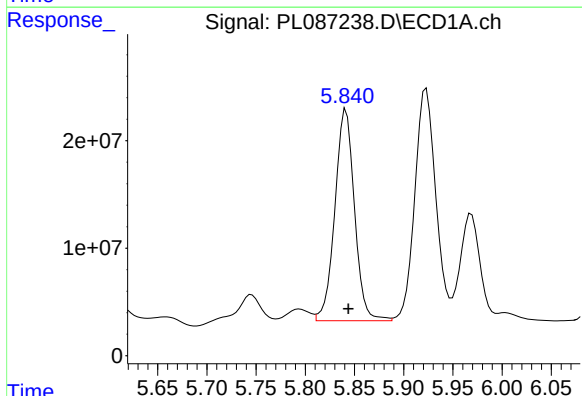
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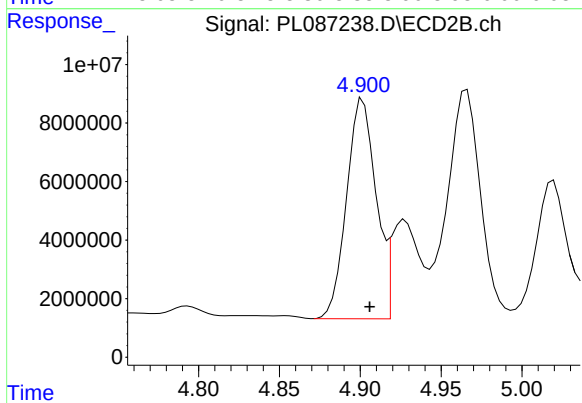
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 74435181
Conc: 34.44 ng/ml



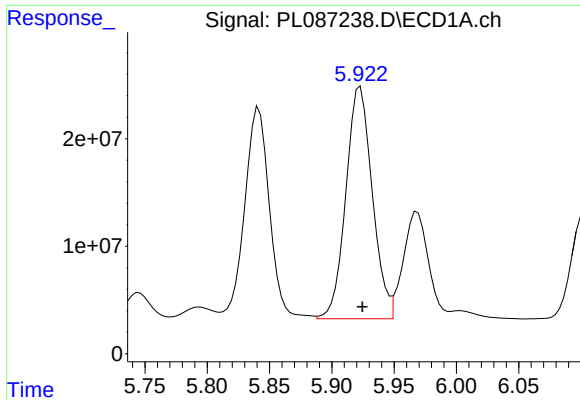
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.002 min
Response: 273102453
Conc: 56.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.004 min
Response: 95381918
Conc: 41.70 ng/ml



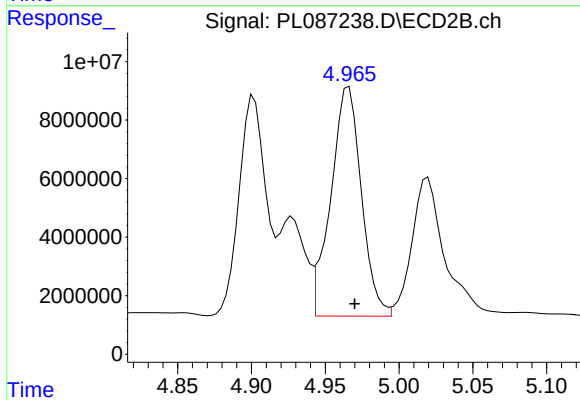
#11 alpha-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 319632971
Conc: 66.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

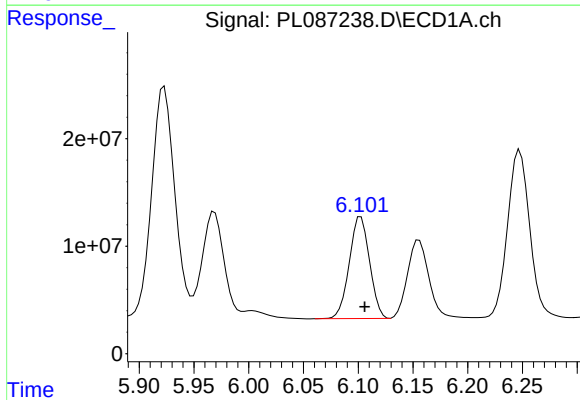
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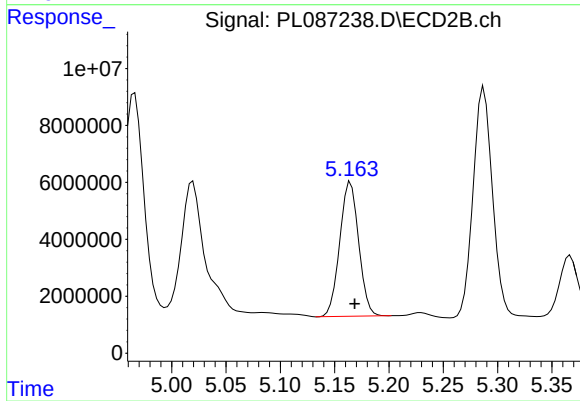
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 113056900
Conc: 48.98 ng/ml



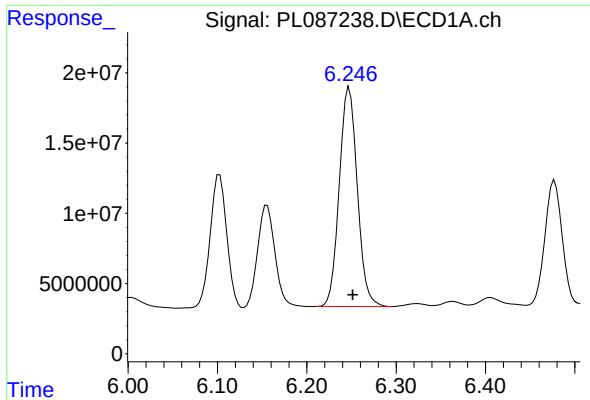
#12 4,4'-DDE

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 122182777
Conc: 29.48 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 57290065
Conc: 28.85 ng/ml



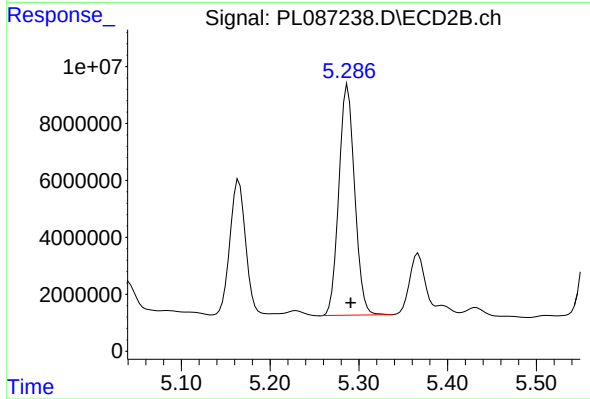
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 218717130
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

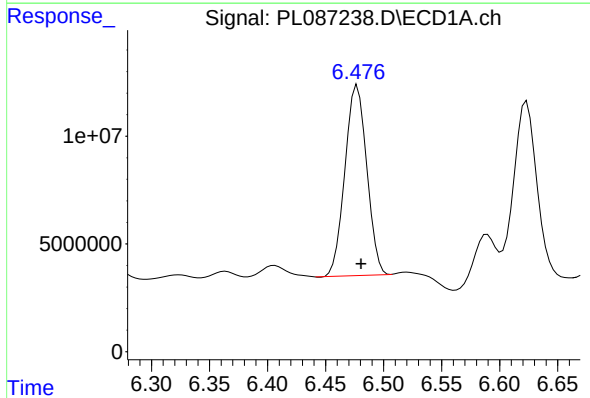
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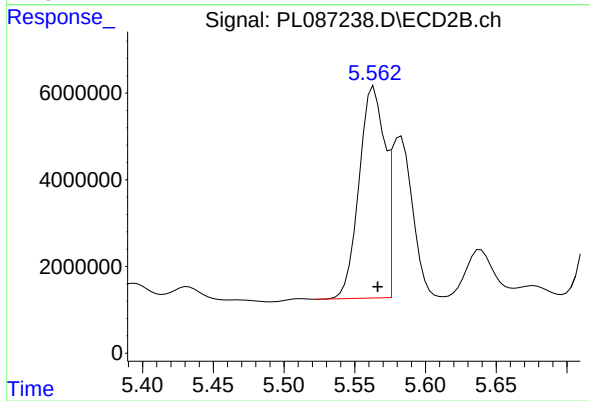
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: -0.003 min
Response: 100103469
Conc: 44.93 ng/ml



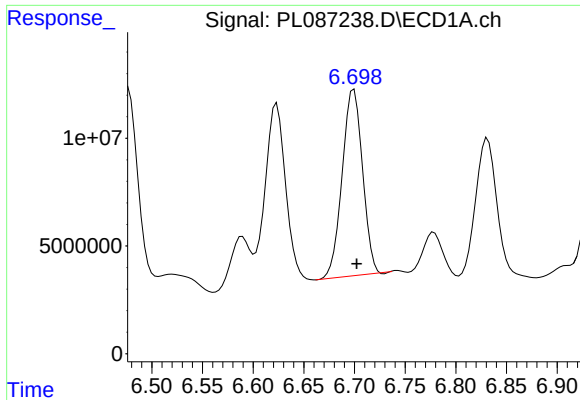
#14 Endrin

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 115777514
Conc: 30.09 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 61090173
Conc: 30.61 ng/ml



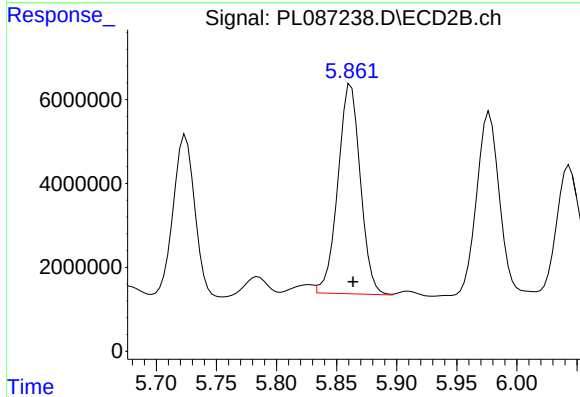
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 119775938
Conc: 29.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

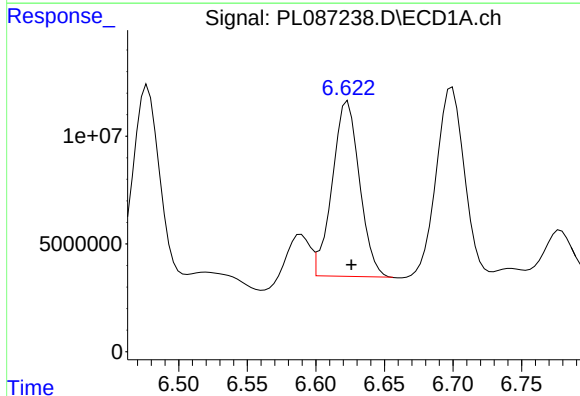
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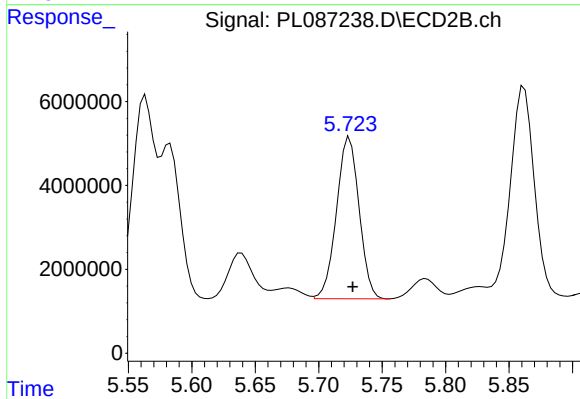
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 65221702
Conc: 33.50 ng/ml



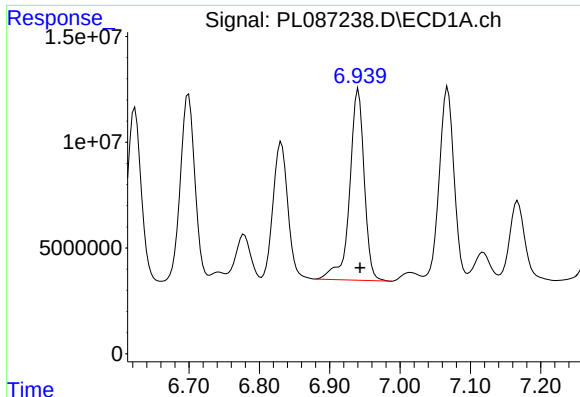
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 111824223
Conc: 33.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 47825271
Conc: 28.88 ng/ml



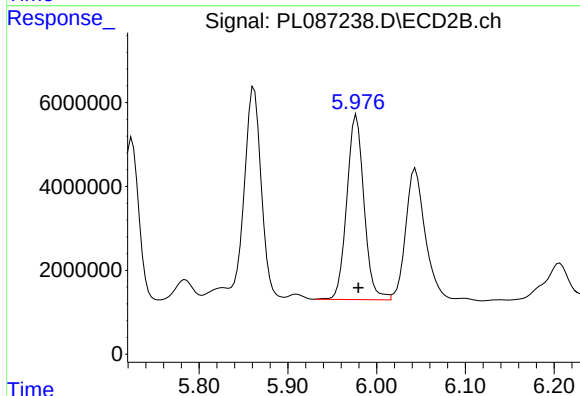
#17 4,4'-DDT

R.T.: 6.941 min
Delta R.T.: -0.003 min
Response: 130433307
Conc: 34.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

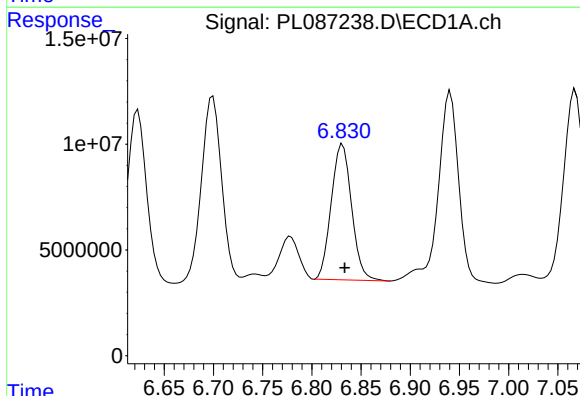
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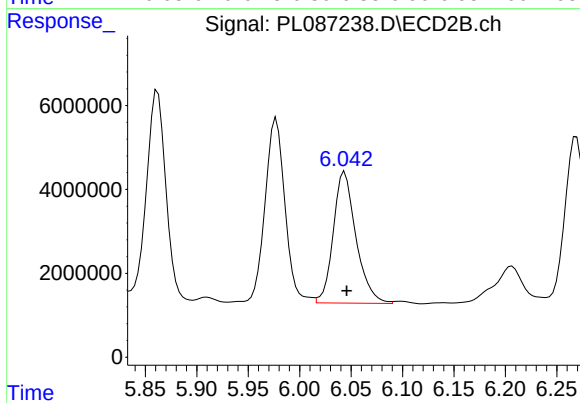
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 59329923
Conc: 32.17 ng/ml



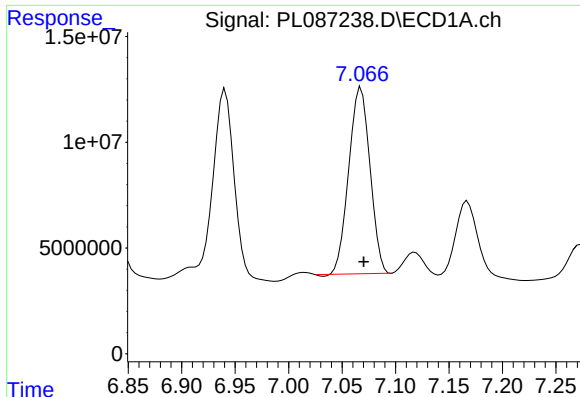
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 92636914
Conc: 31.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 48122906
Conc: 32.79 ng/ml



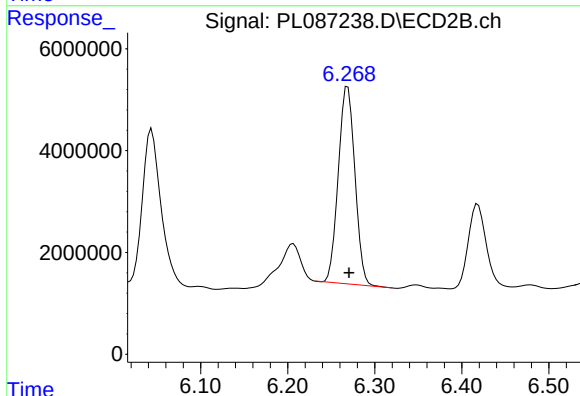
#19 Endosulfan Sulfate

R.T.: 7.068 min
Delta R.T.: -0.003 min
Response: 121650199
Conc: 30.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

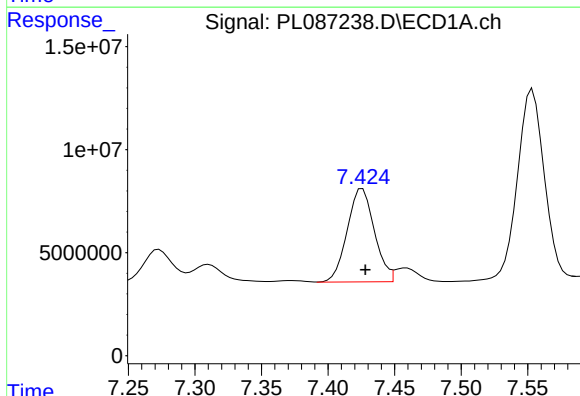
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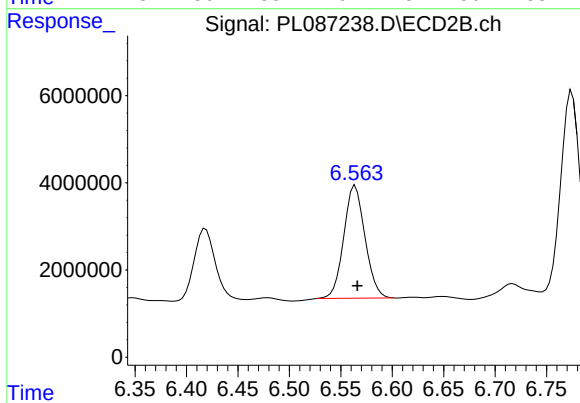
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: -0.002 min
Response: 51317247
Conc: 27.24 ng/ml



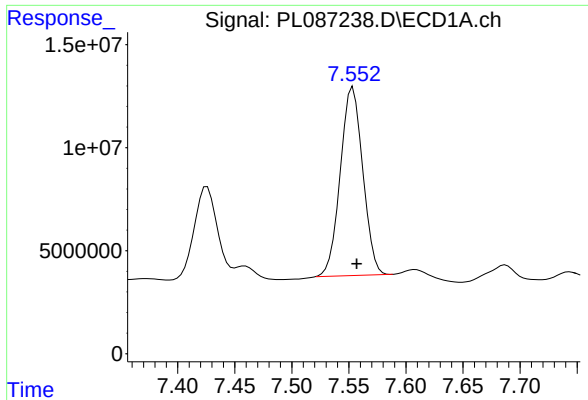
#20 Methoxychlor

R.T.: 7.424 min
Delta R.T.: -0.004 min
Response: 64008490
Conc: 32.83 ng/ml m



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 37186412
Conc: 36.41 ng/ml



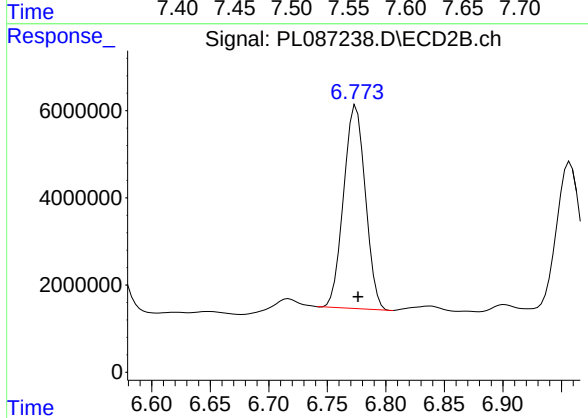
#21 Endrin ketone

R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 125347763
Conc: 30.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

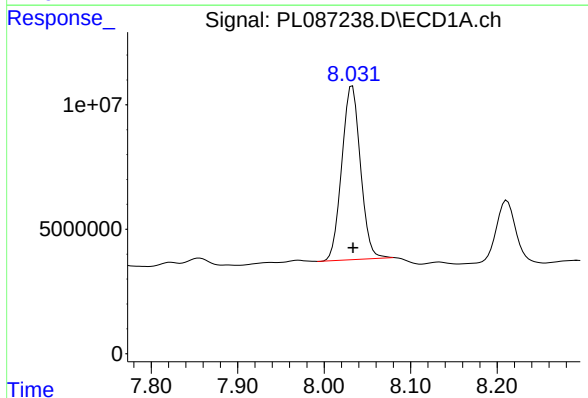
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023



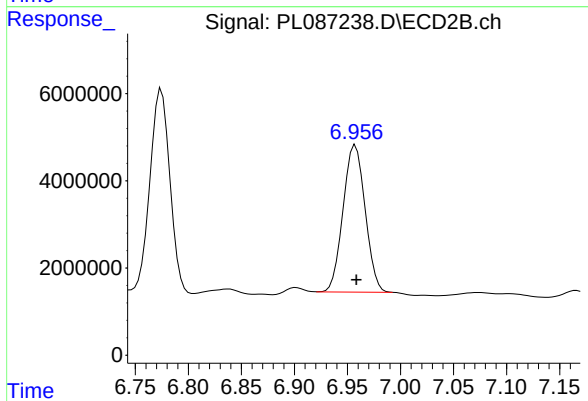
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: -0.002 min
Response: 60297248
Conc: 28.33 ng/ml



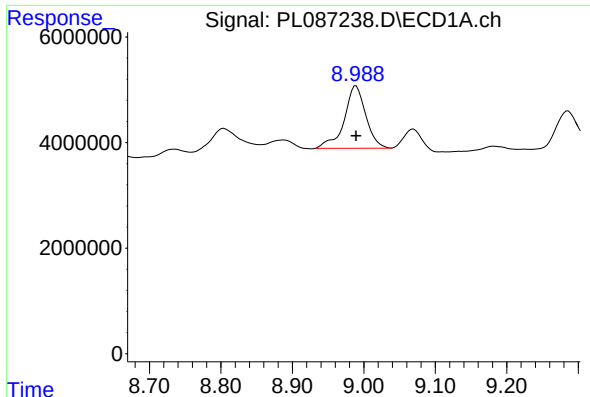
#22 Mirex

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 104213694
Conc: 30.94 ng/ml



#22 Mirex

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 48785410
Conc: 27.42 ng/ml m



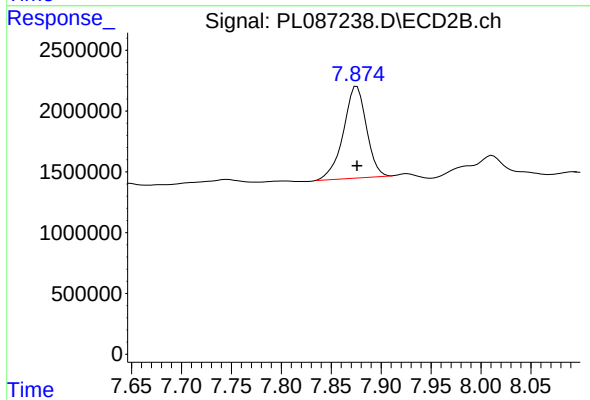
#28 Decachlorobiphenyl

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 24859904
Conc: 7.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

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#28 Decachlorobiphenyl

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 12106237
Conc: 7.17 ng/ml