

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121823\
 Data File : PL087239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 18:40
 Operator : AR\AJ
 Sample : 05832-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CHRT-20103MSD

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 00:19:15 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	33448821	15214003	8.888	9.038
28)	SA Decachlor...	8.988	7.876	24775722	11973819	7.266	7.089
Target Compounds							
2)	A alpha-BHC	3.881	3.185	169.3E6	73393371	31.262	29.864
3)	MA gamma-BHC...	4.215	3.517	146.9E6	74310864	27.951	30.677
4)	MA Heptachlor	4.808	3.859	172.7E6	72353260	32.413	30.270
5)	MB Aldrin	5.151	4.140	165.2E6	69901506	31.734	29.153
6)	B beta-BHC	4.414	3.818	71990516	29047716	31.344	27.904
7)	B delta-BHC	4.659	4.048	164.4E6	68333929	31.441m	27.935
8)	B Heptachlo...	5.582	4.648	180.0E6	68751859	38.191	30.895
9)	A Endosulfan I	5.969	5.018	140.7E6	59203143	31.502	27.394m
10)	B gamma-Chl...	5.841	4.902	274.9E6	96595266	56.704	42.230 #
11)	B alpha-Chl...	5.923	4.966	322.7E6	114.3E6	67.135	49.511 #
12)	B 4,4'-DDE	6.102	5.165	124.8E6	58163506	30.110	29.294
13)	MA Dieldrin	6.248	5.288	221.9E6	102.0E6	47.819	45.793
14)	MA Endrin	6.477	5.564	117.2E6	75633609	30.459	37.899
15)	B Endosulfa...	6.699	5.862	121.5E6	66665007	30.289	34.240
16)	A 4,4'-DDD	6.622	5.724	112.4E6	48671720	33.996m	29.396
17)	MA 4,4'-DDT	6.940	5.977	132.7E6	60416298	35.281	32.758
18)	B Endrin al...	6.831	6.044	94900048	49464710	32.743	33.704
19)	B Endosulfa...	7.067	6.269	122.6E6	52123370	31.232	27.669
20)	A Methoxychlor	7.424	6.564	66025180	37991329	33.860m	37.196
21)	B Endrin ke...	7.553	6.775	127.0E6	61358375	31.220	28.824
22)	Mirex	8.031	6.957	103.2E6	47789088	30.628	26.861

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121823\
Data File : PL087239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2023 18:40
Operator : AR\AJ
Sample : 05832-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

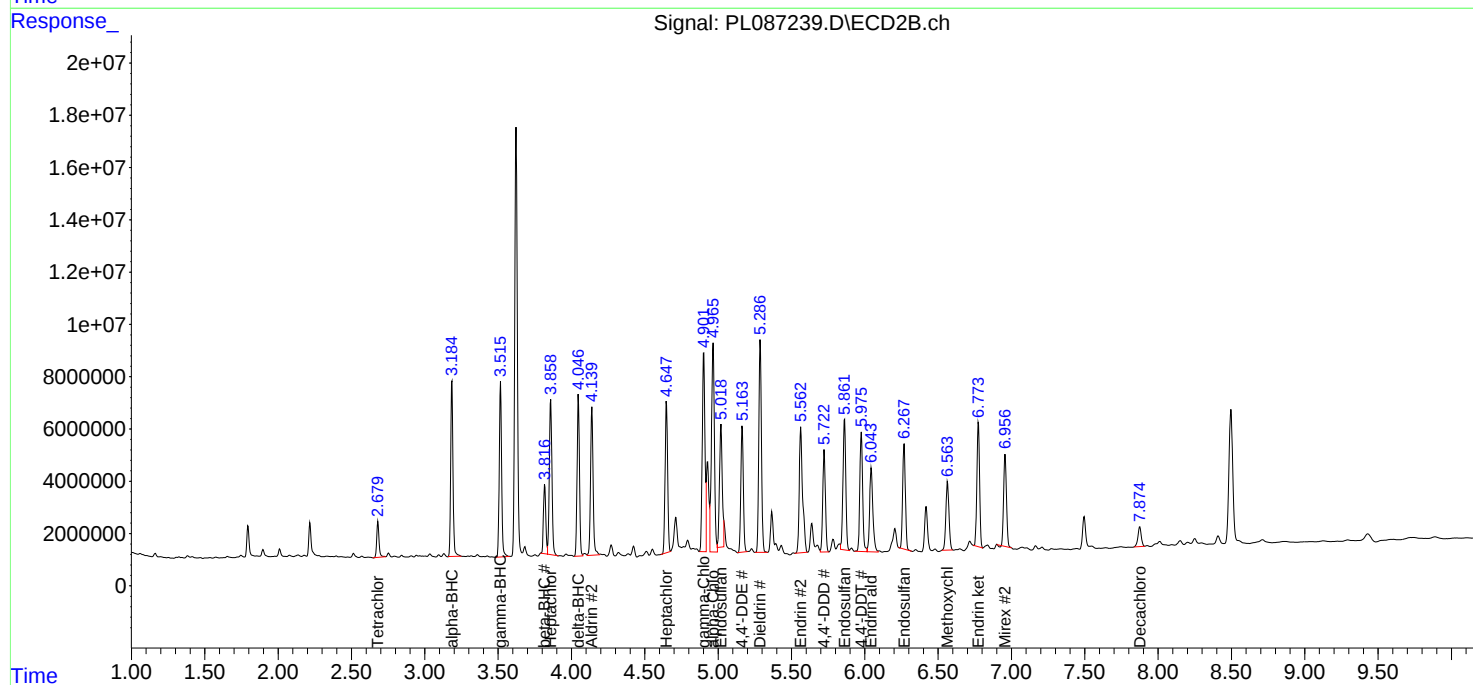
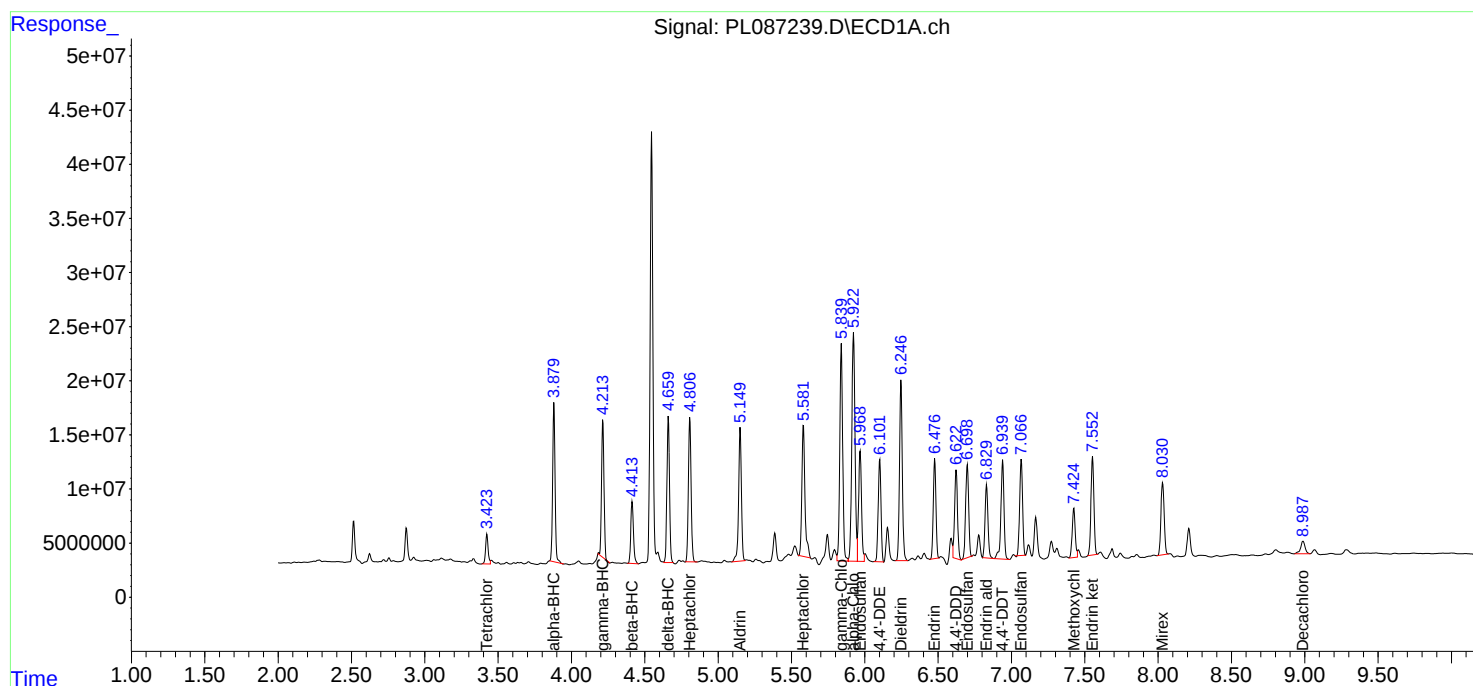
Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

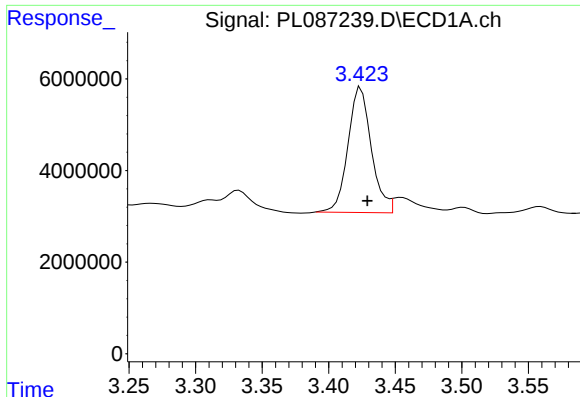
Manual Integrations
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Reviewed By :Abdul Mirza 12/19/2023
Supervised By :Ankita Jodhani 12/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 00:19:15 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





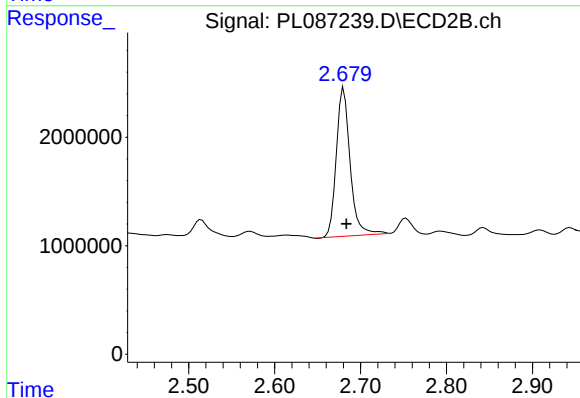
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: -0.005 min
Response: 33448821
Conc: 8.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

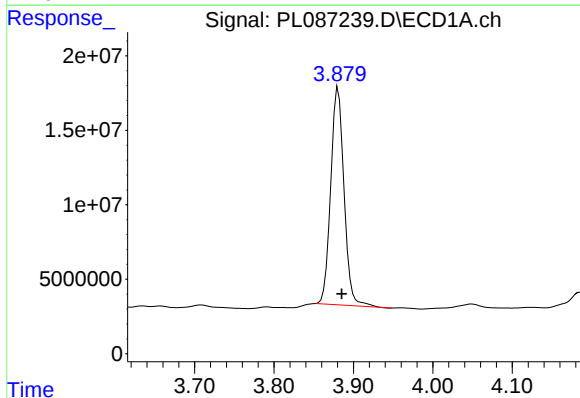
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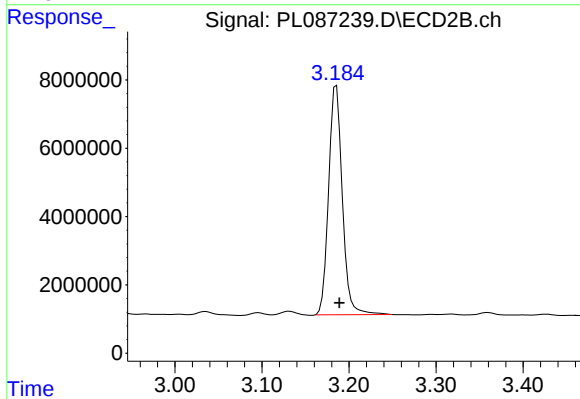
#1 Tetrachloro-m-xylene

R.T.: 2.680 min
Delta R.T.: -0.003 min
Response: 15214003
Conc: 9.04 ng/ml



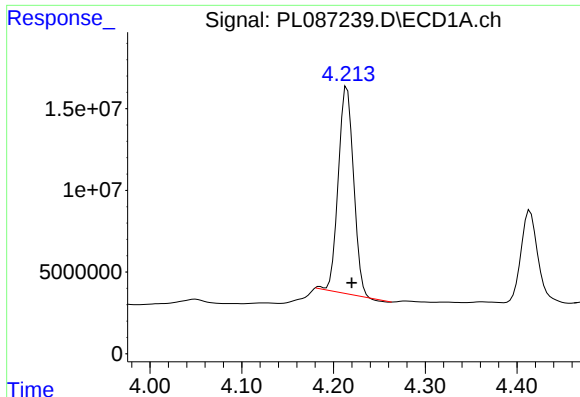
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.005 min
Response: 169255018
Conc: 31.26 ng/ml



#2 alpha-BHC

R.T.: 3.185 min
Delta R.T.: -0.004 min
Response: 73393371
Conc: 29.86 ng/ml



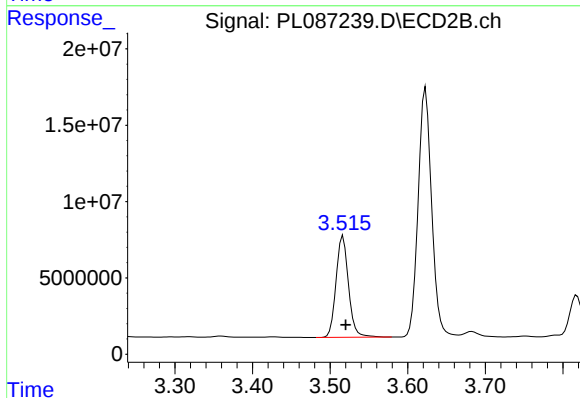
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.005 min
Response: 146900216
Conc: 27.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

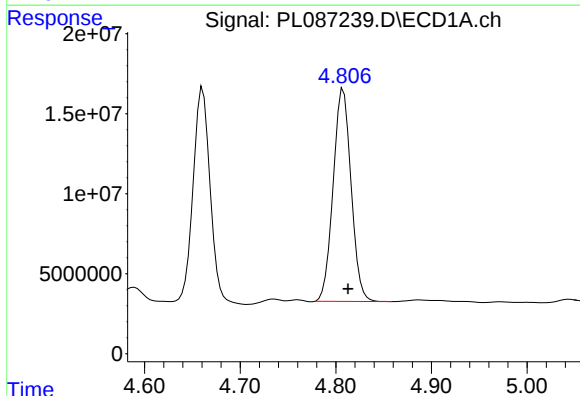
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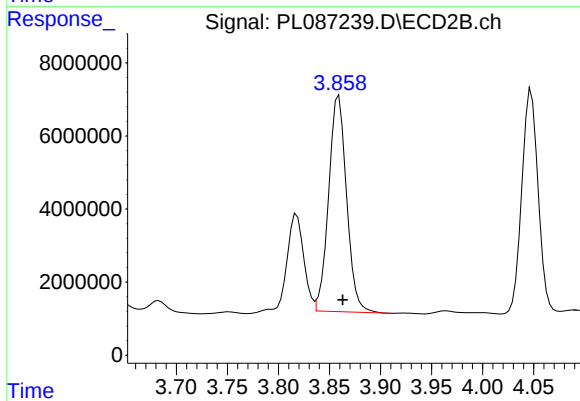
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 74310864
Conc: 30.68 ng/ml



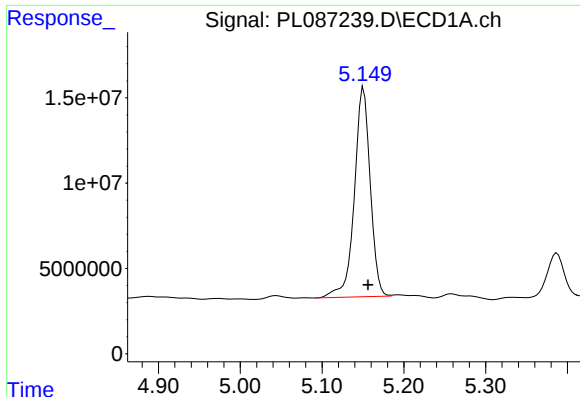
#4 Heptachlor

R.T.: 4.808 min
Delta R.T.: -0.005 min
Response: 172653031
Conc: 32.41 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.004 min
Response: 72353260
Conc: 30.27 ng/ml



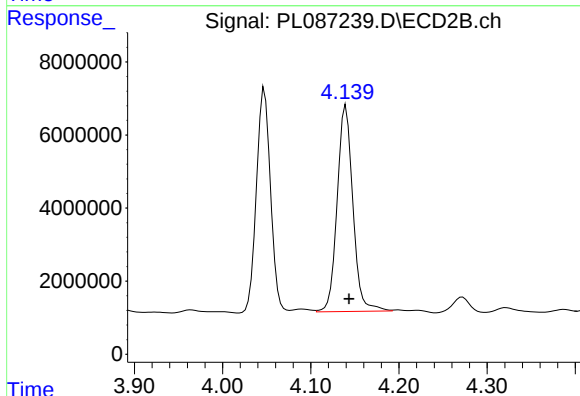
#5 Aldrin

R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 165221427
Conc: 31.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

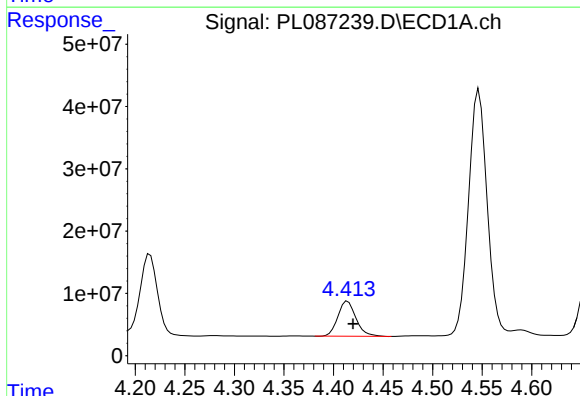
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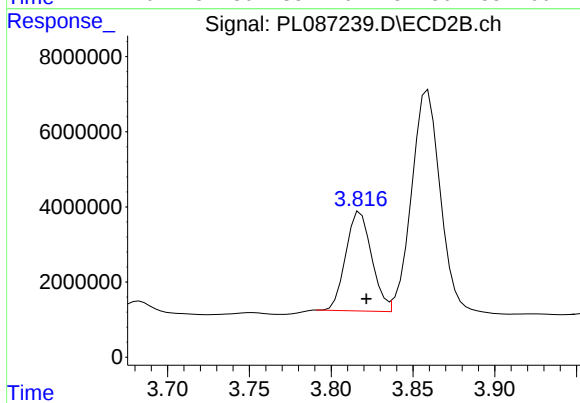
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 69901506
Conc: 29.15 ng/ml



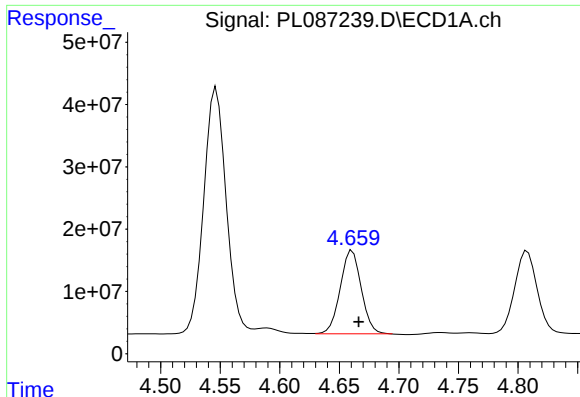
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: -0.005 min
Response: 71990516
Conc: 31.34 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.004 min
Response: 29047716
Conc: 27.90 ng/ml



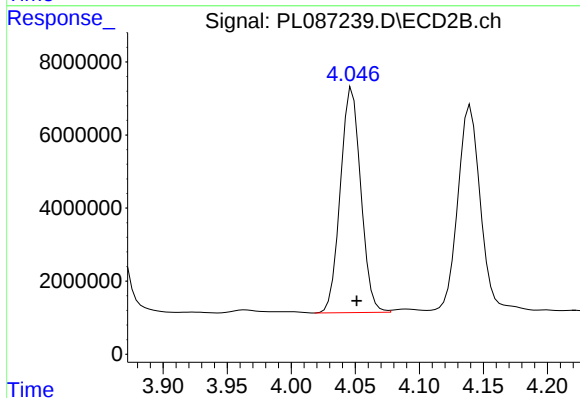
#7 delta-BHC

R.T.: 4.659 min
Delta R.T.: -0.007 min
Response: 164419008
Conc: 31.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

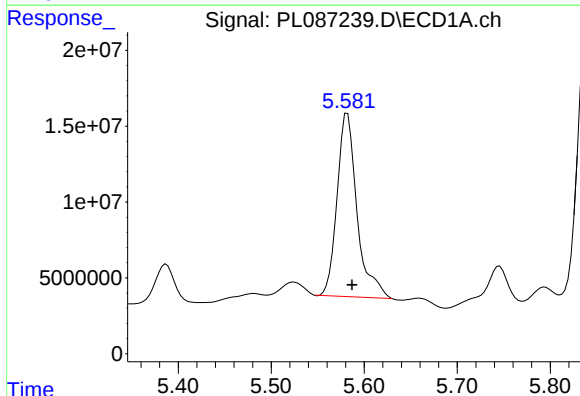
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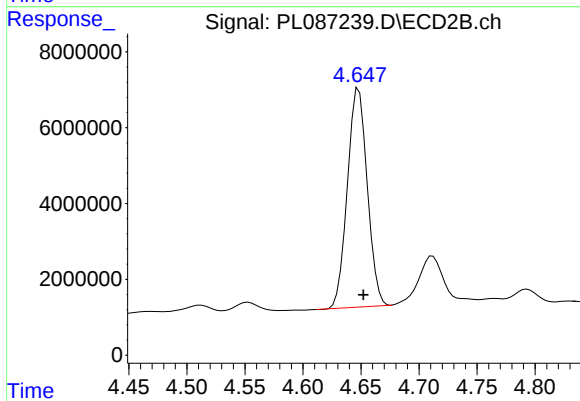
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 68333929
Conc: 27.93 ng/ml



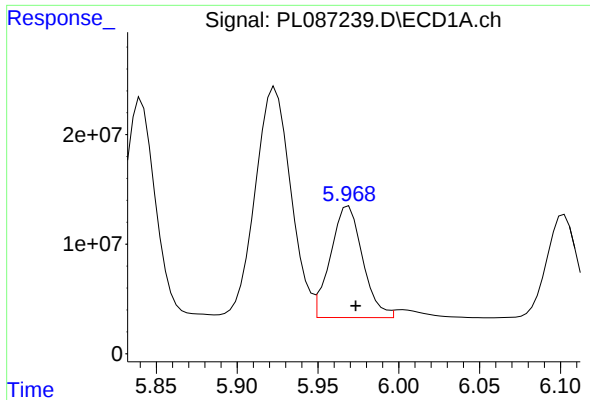
#8 Heptachlor epoxide

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 179989166
Conc: 38.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 68751859
Conc: 30.90 ng/ml



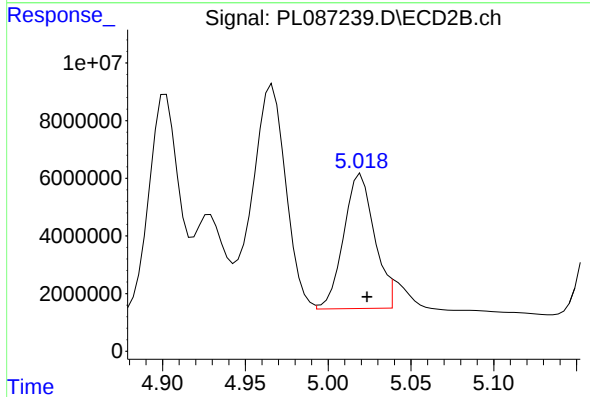
#9 Endosulfan I

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 140699137
Conc: 31.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

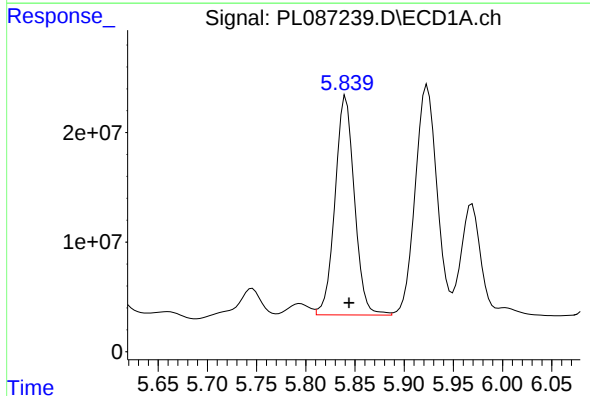
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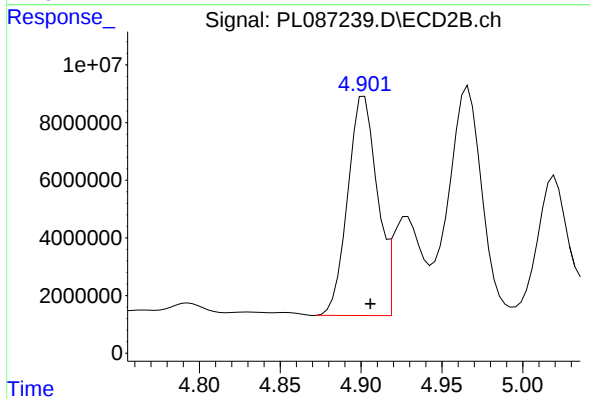
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 59203143
Conc: 27.39 ng/ml m



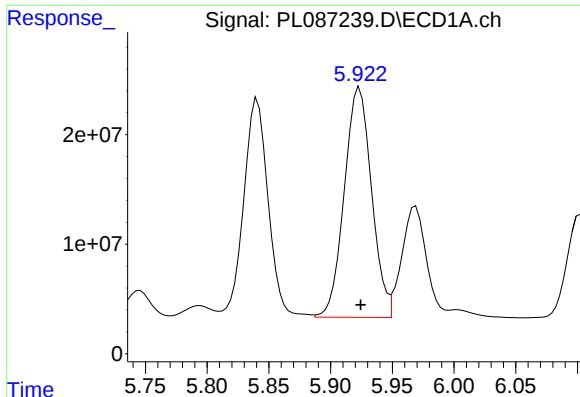
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 274903832
Conc: 56.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.004 min
Response: 96595266
Conc: 42.23 ng/ml



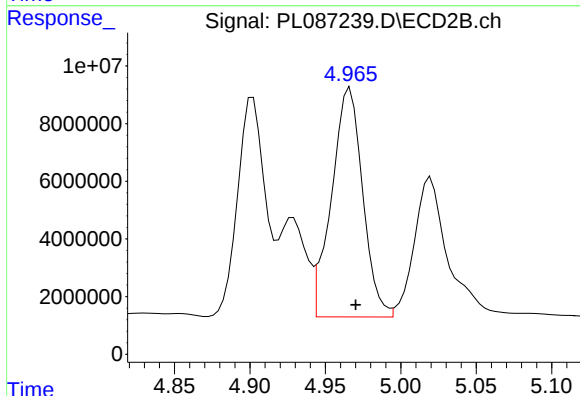
#11 alpha-Chlordane

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 322660442
Conc: 67.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

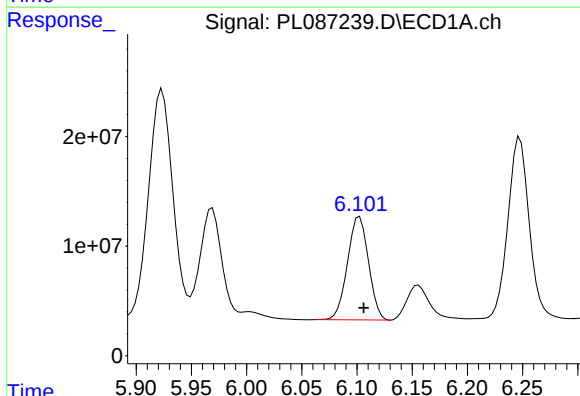
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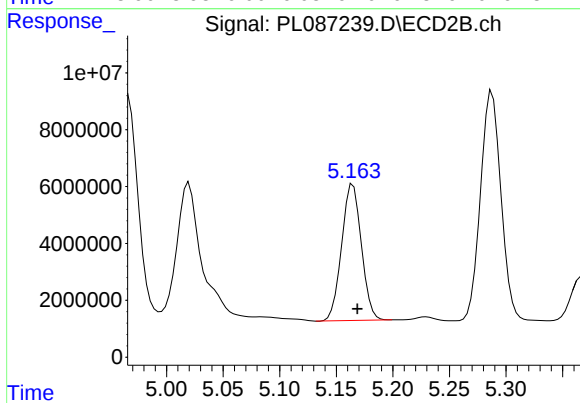
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 114273297
Conc: 49.51 ng/ml



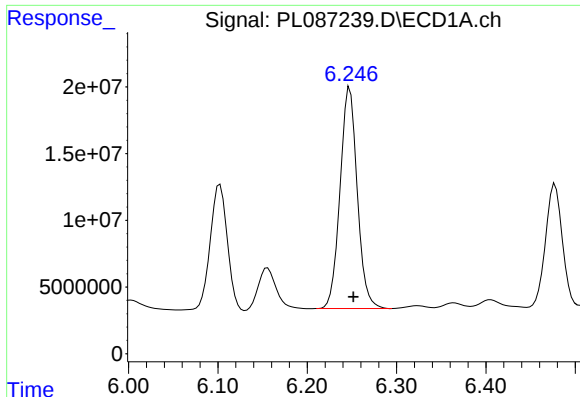
#12 4,4'-DDE

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 124777682
Conc: 30.11 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 58163506
Conc: 29.29 ng/ml



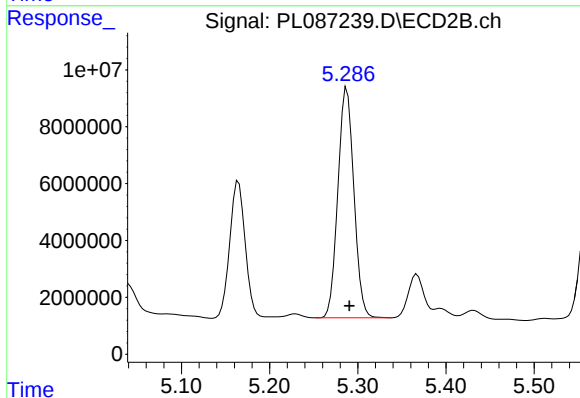
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 221924797
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

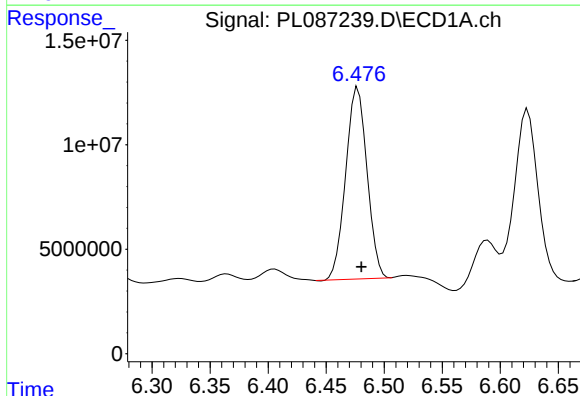
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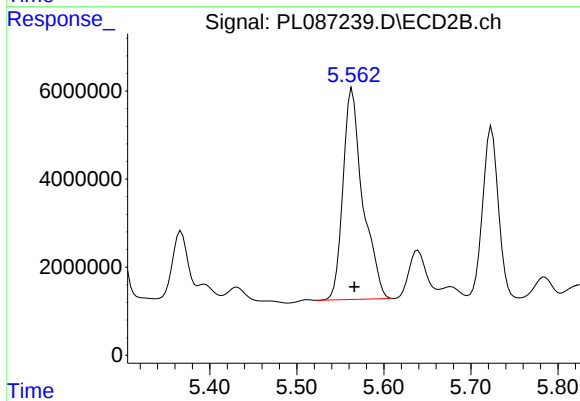
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 102015098
Conc: 45.79 ng/ml



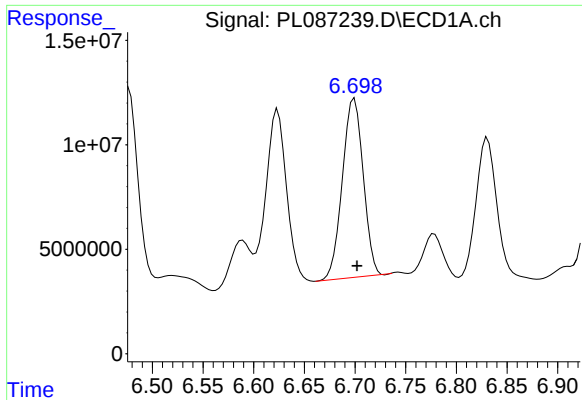
#14 Endrin

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 117186673
Conc: 30.46 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 75633609
Conc: 37.90 ng/ml



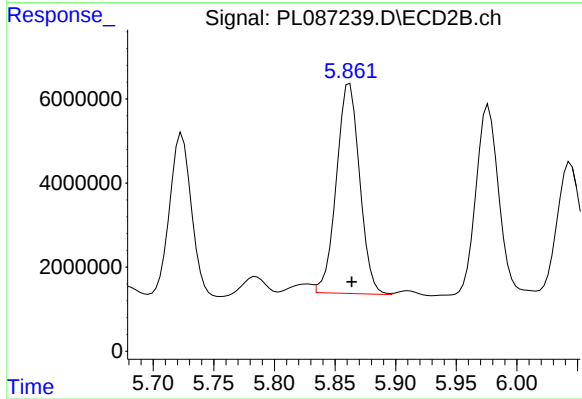
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 121469376
Conc: 30.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

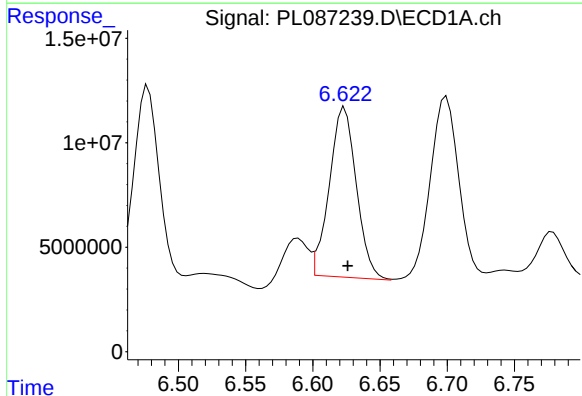
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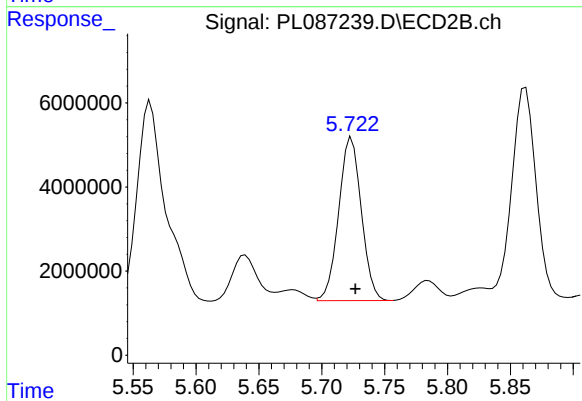
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 66665007
Conc: 34.24 ng/ml



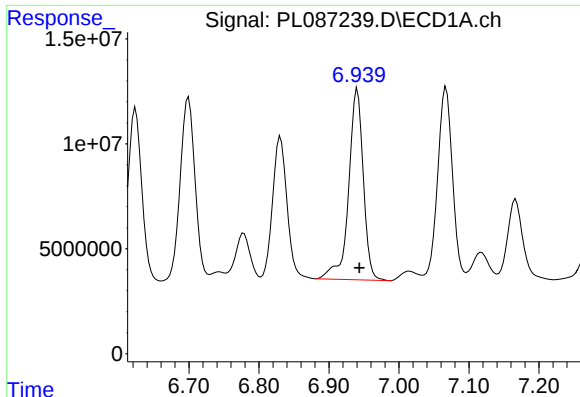
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 112360031
Conc: 34.00 ng/ml m



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 48671720
Conc: 29.40 ng/ml



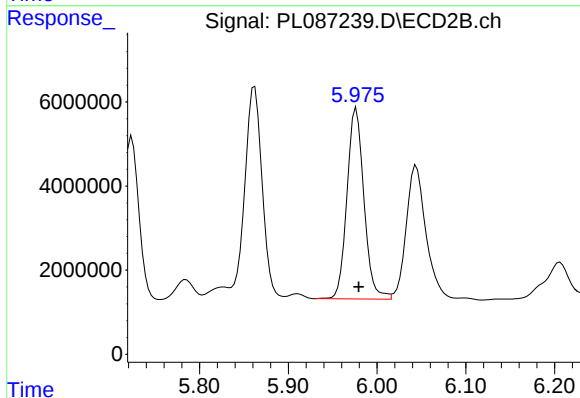
#17 4,4'-DDT

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 132665706
Conc: 35.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

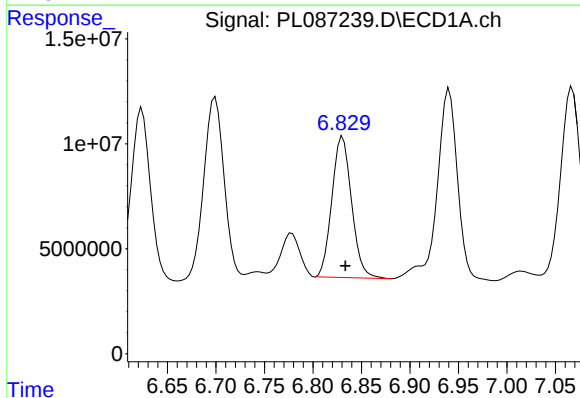
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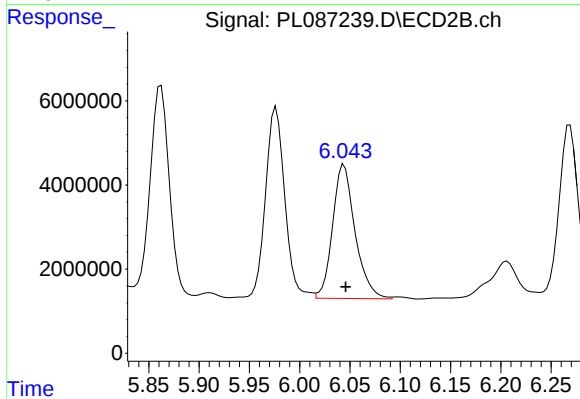
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 60416298
Conc: 32.76 ng/ml



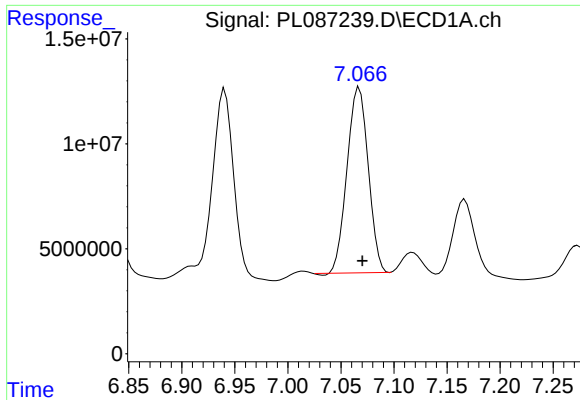
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 94900048
Conc: 32.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 49464710
Conc: 33.70 ng/ml



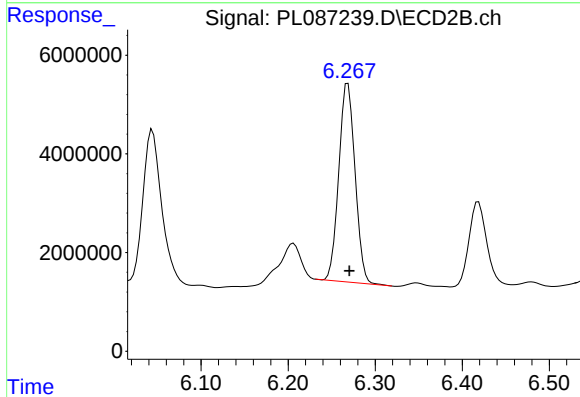
#19 Endosulfan Sulfate

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 122645077
Conc: 31.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

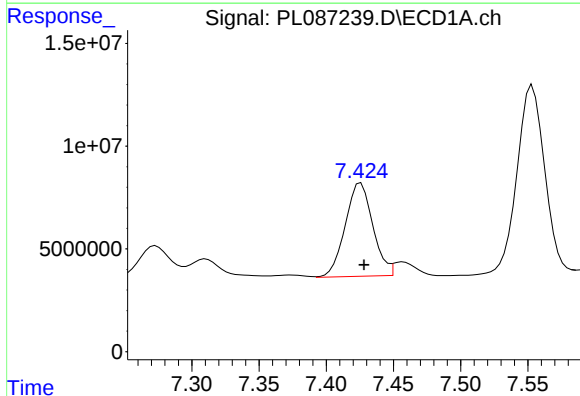
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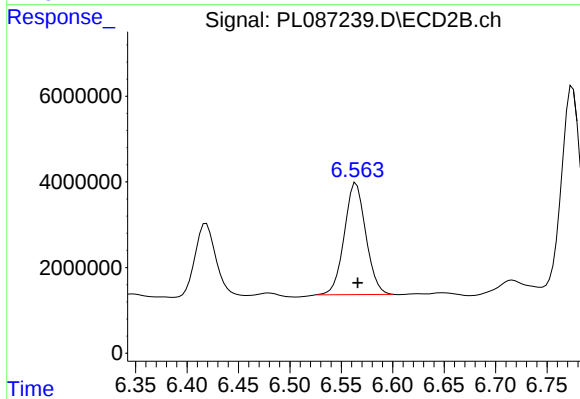
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: -0.002 min
Response: 52123370
Conc: 27.67 ng/ml



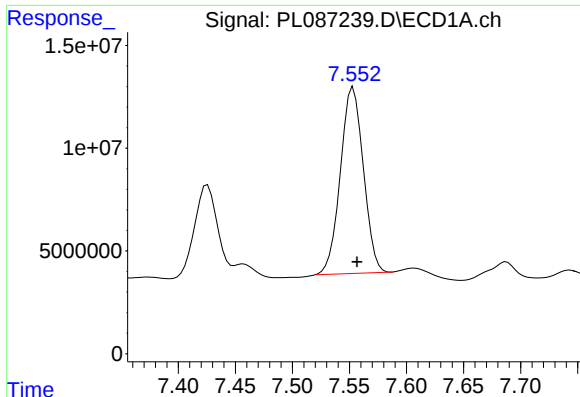
#20 Methoxychlor

R.T.: 7.424 min
Delta R.T.: -0.004 min
Response: 66025180
Conc: 33.86 ng/ml m



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 37991329
Conc: 37.20 ng/ml



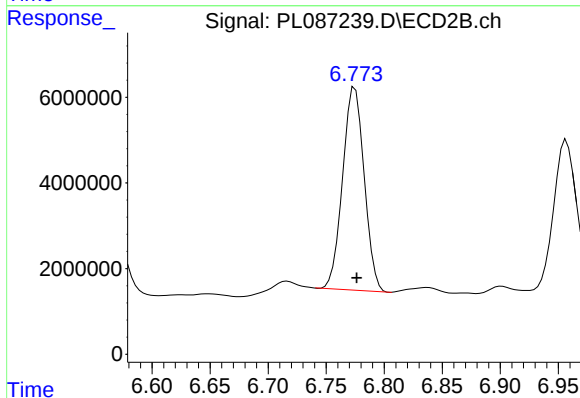
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 127013043
Conc: 31.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

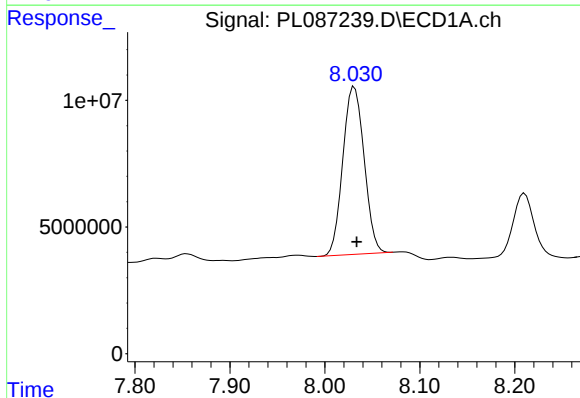
Manual Integrations
APPROVED

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



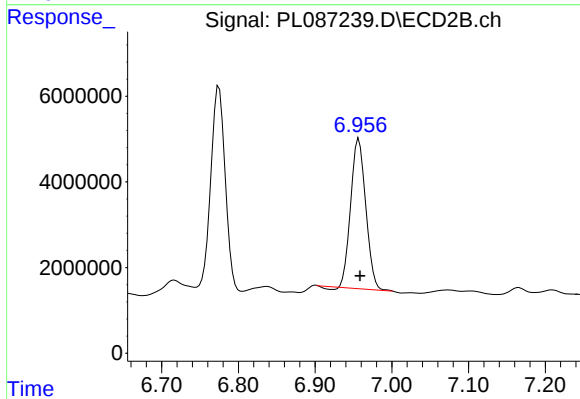
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 61358375
Conc: 28.82 ng/ml



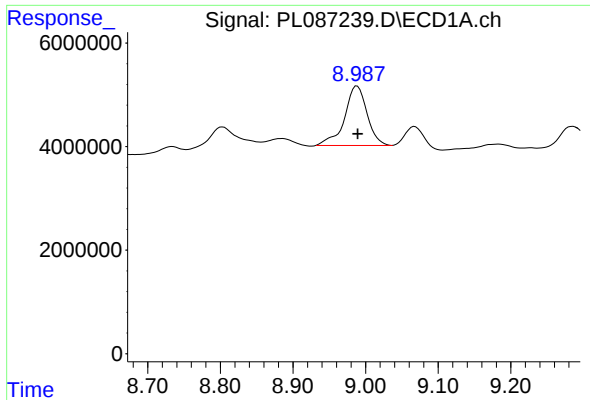
#22 Mirex

R.T.: 8.031 min
Delta R.T.: -0.002 min
Response: 103156374
Conc: 30.63 ng/ml



#22 Mirex

R.T.: 6.957 min
Delta R.T.: -0.001 min
Response: 47789088
Conc: 26.86 ng/ml



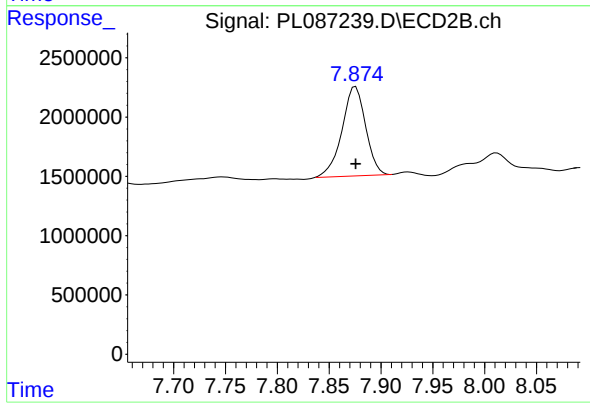
#28 Decachlorobiphenyl

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 24775722
Conc: 7.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MSD

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



#28 Decachlorobiphenyl

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 11973819
Conc: 7.09 ng/ml