

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 15:25
 Operator : AR\AJ
 Sample : 05897-24MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-29MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/22/2023
 Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:27:58 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...	3.422	2.678	51619529	21152180	13.716	12.566
28)	SA Decachlor...	8.980	7.867	44414580	20529217	13.025	12.155
Target Compounds							
2)	A alpha-BHC	3.879	3.181	193.7E6	81567217	35.777	33.190m
3)	MA gamma-BHC...	4.213	3.513	181.7E6	77412857	34.575	31.957
4)	MA Heptachlor	4.805	3.856	188.5E6	79458637	35.392	33.242
5)	MB Aldrin	5.148	4.136	176.9E6	74760406	33.980	31.179
6)	B beta-BHC	4.412	3.815	79347353	32433770	34.547	31.157
7)	B delta-BHC	4.657	4.044	171.2E6	73985538	32.744m	30.245
8)	B Heptachlo...	5.579	4.644	153.5E6	68766293	32.578	30.902
9)	A Endosulfan I	5.965	5.015	150.6E6	87000185	33.728	40.256
10)	B gamma-Chl...	5.837	4.897	161.3E6	70235956	33.267	30.706
11)	B alpha-Chl...	5.917	4.962	160.1E6	79315034	33.321	34.365
12)	B 4,4'-DDE	6.098	5.160	134.9E6	58031804	32.561	29.228
13)	MA Dieldrin	6.243	5.283	152.1E6	66583504	32.784	29.888
14)	MA Endrin	6.473	5.558	128.6E6	60022523	33.428	30.077
15)	B Endosulfa...	6.695	5.854	120.6E6	54745338	30.068	28.118m
16)	A 4,4'-DDD	6.618	5.719	105.6E6	47467565	31.943	28.668
17)	MA 4,4'-DDT	6.936	5.971	121.5E6	53959592	32.314	29.257
18)	B Endrin al...	6.824	6.038	96777280	43662442	33.390m	29.751
19)	B Endosulfa...	7.062	6.263	128.0E6	55659971	32.600	29.546
20)	A Methoxychlor	7.420	6.557	63698080	30306301	32.667	29.672
21)	B Endrin ke...	7.548	6.767	132.0E6	64895516	32.457m	30.486m
22)	Mirex	8.027	6.950	109.7E6	53712884	32.561	30.191

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 15:25
Operator : AR\AJ
Sample : 05897-24MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

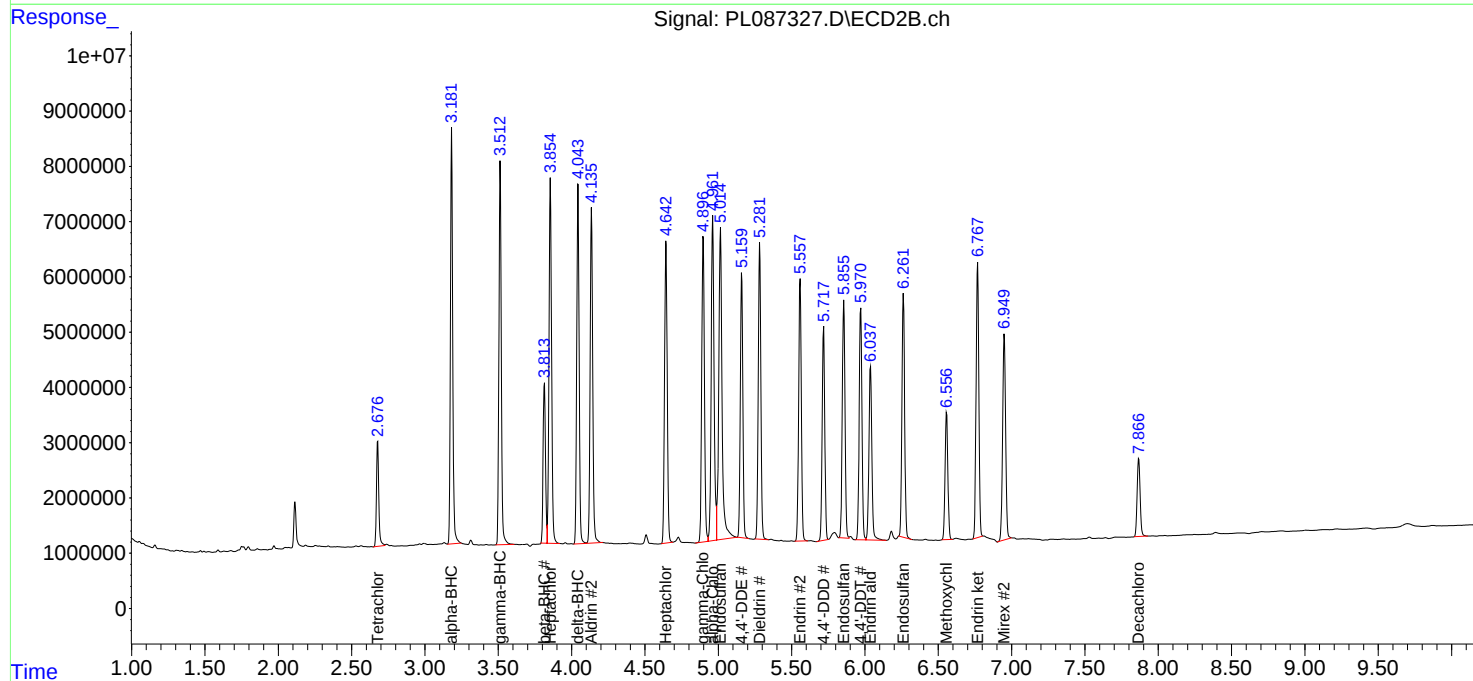
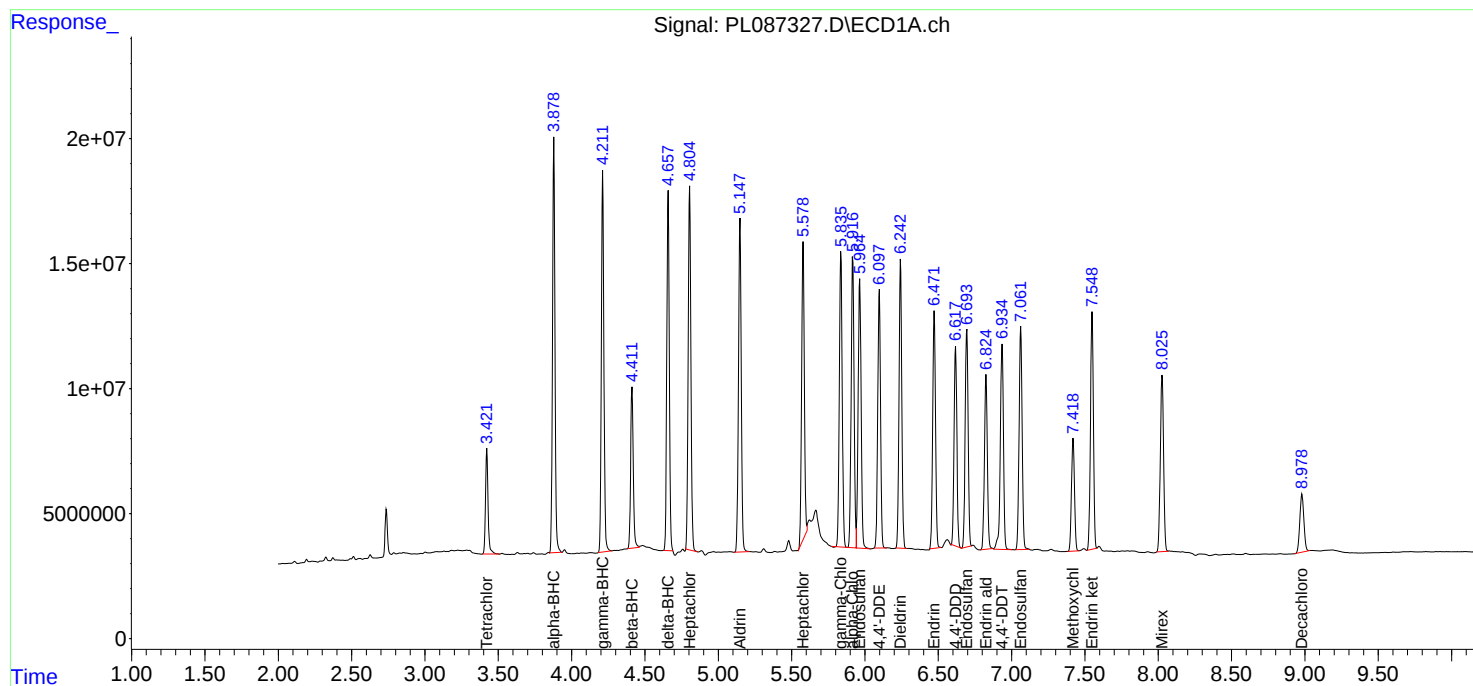
Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

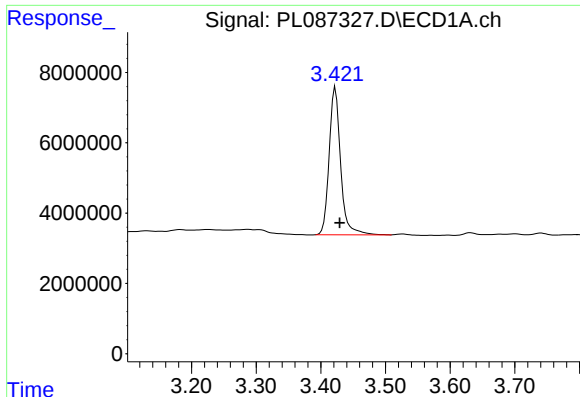
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Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:27:58 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





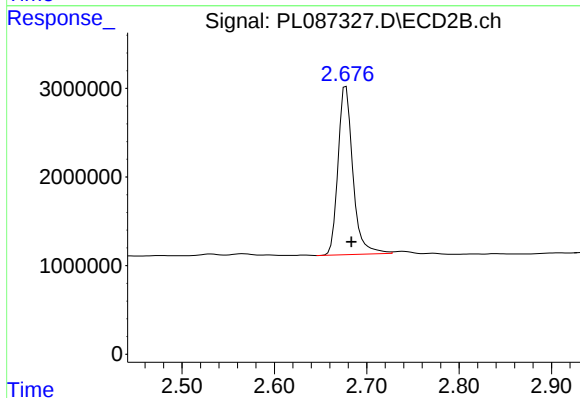
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.006 min
Response: 51619529
Conc: 13.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

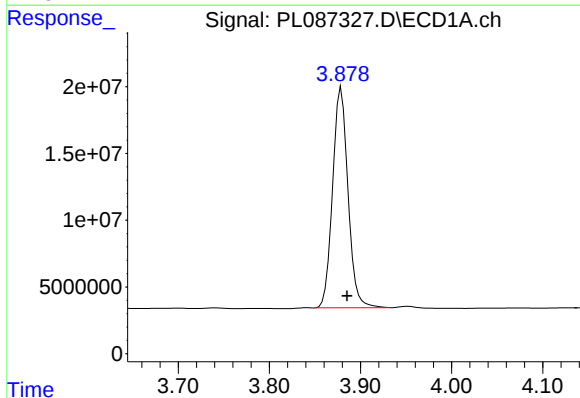
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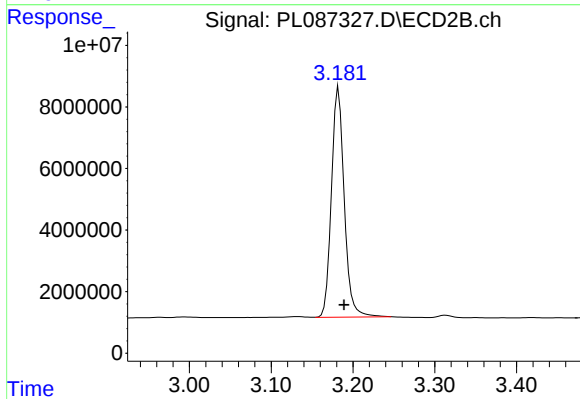
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.006 min
Response: 21152180
Conc: 12.57 ng/ml



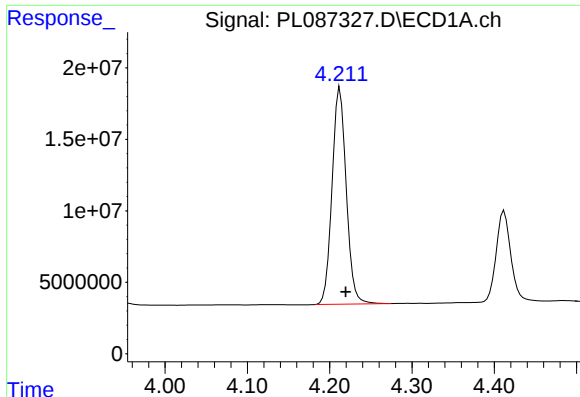
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 193699874
Conc: 35.78 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 81567217
Conc: 33.19 ng/ml m



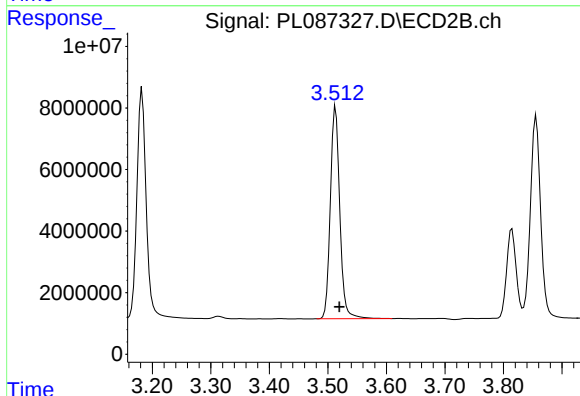
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 181714306
Conc: 34.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

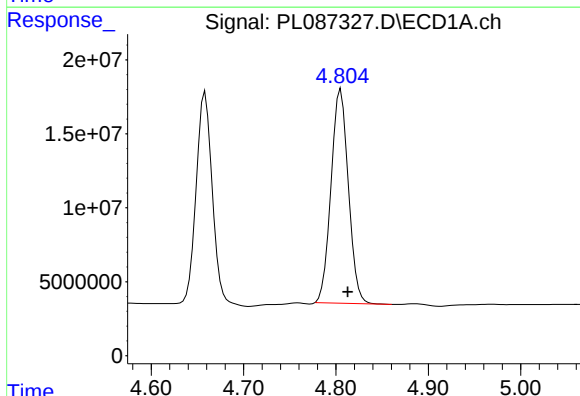
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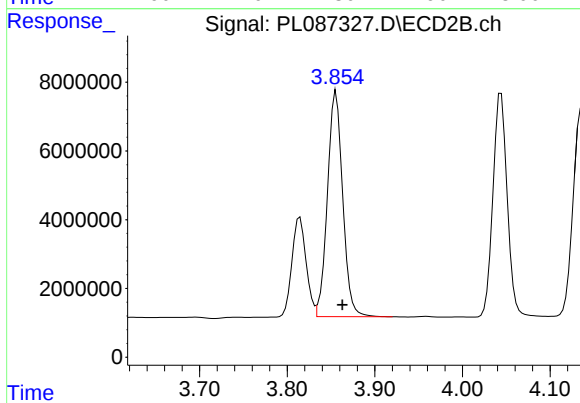
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 77412857
Conc: 31.96 ng/ml



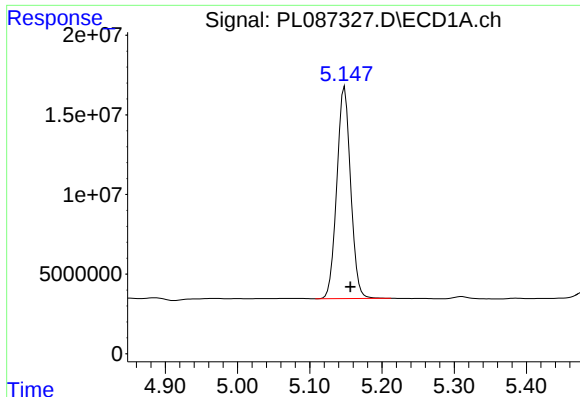
#4 Heptachlor

R.T.: 4.805 min
Delta R.T.: -0.007 min
Response: 188516046
Conc: 35.39 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.007 min
Response: 79458637
Conc: 33.24 ng/ml



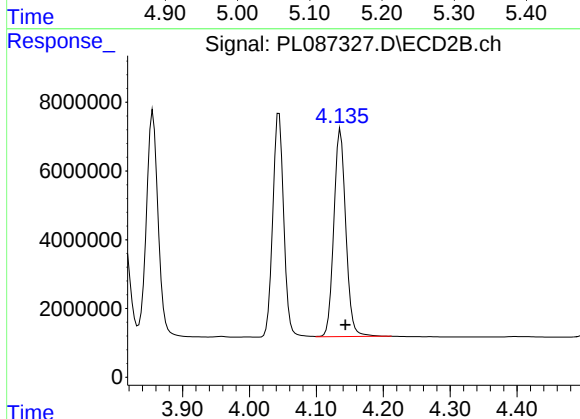
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 176913873
Conc: 33.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

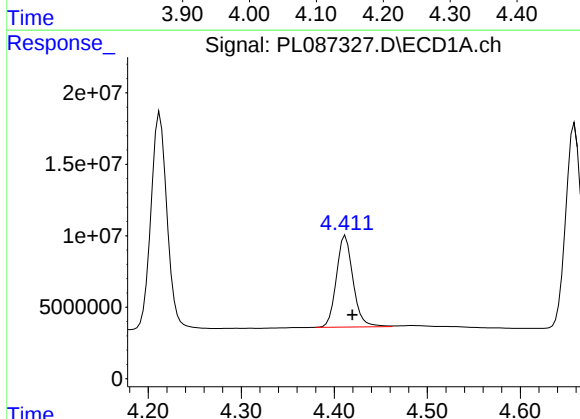
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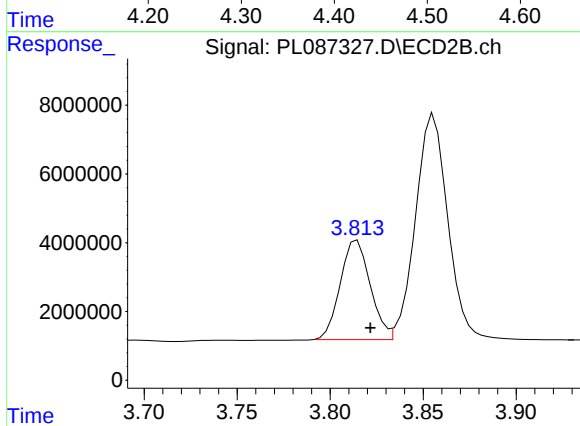
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 74760406
Conc: 31.18 ng/ml



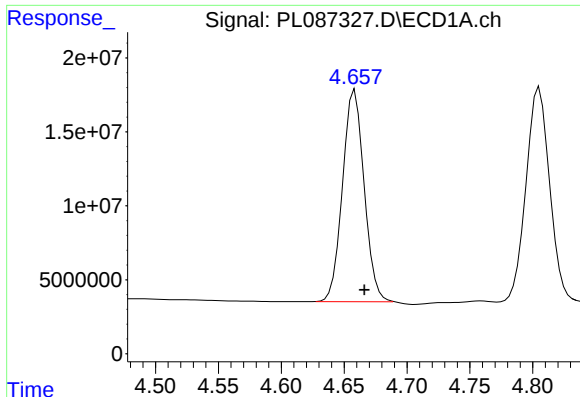
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.007 min
Response: 79347353
Conc: 34.55 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 32433770
Conc: 31.16 ng/ml



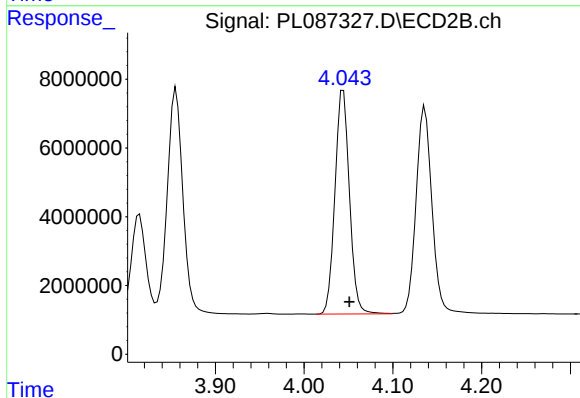
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 171233127
Conc: 32.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

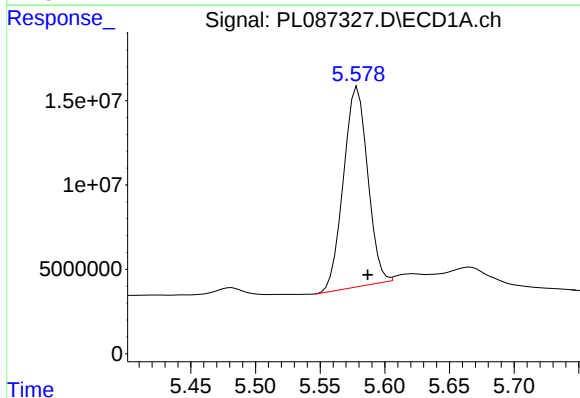
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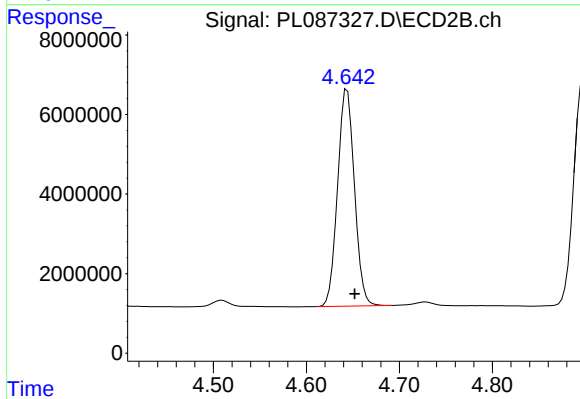
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 73985538
Conc: 30.25 ng/ml



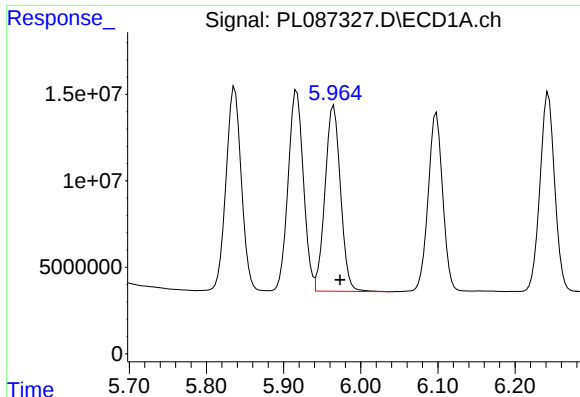
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 153533638
Conc: 32.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 68766293
Conc: 30.90 ng/ml



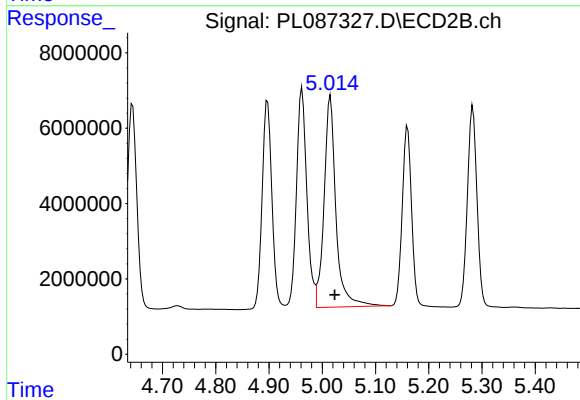
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 150639723
Conc: 33.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

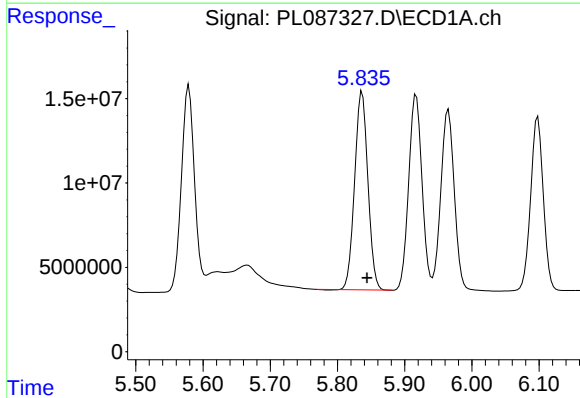
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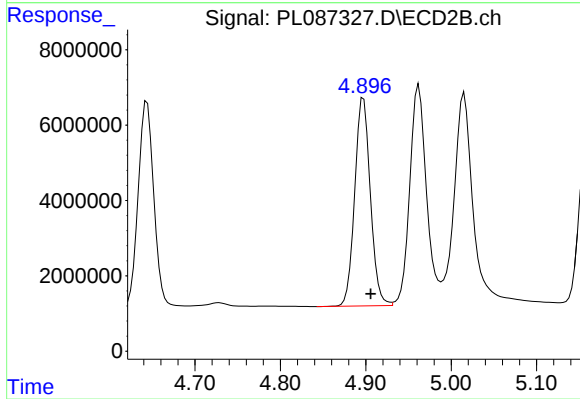
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.008 min
Response: 87000185
Conc: 40.26 ng/ml



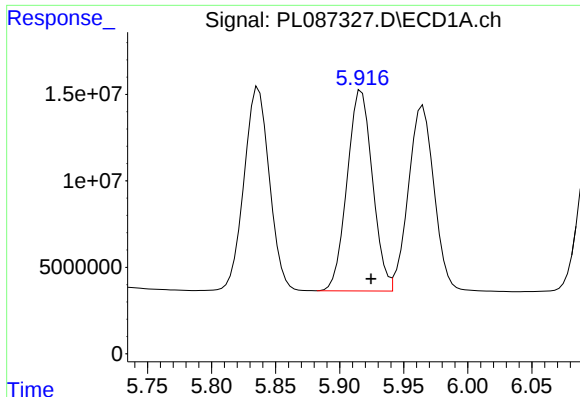
#10 gamma-Chlordane

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 161280851
Conc: 33.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.008 min
Response: 70235956
Conc: 30.71 ng/ml



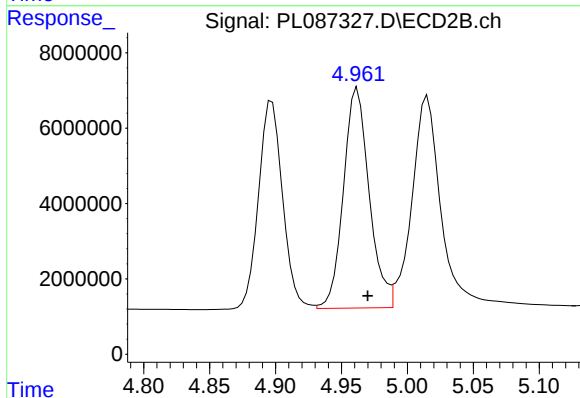
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.007 min
Response: 160143883
Conc: 33.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

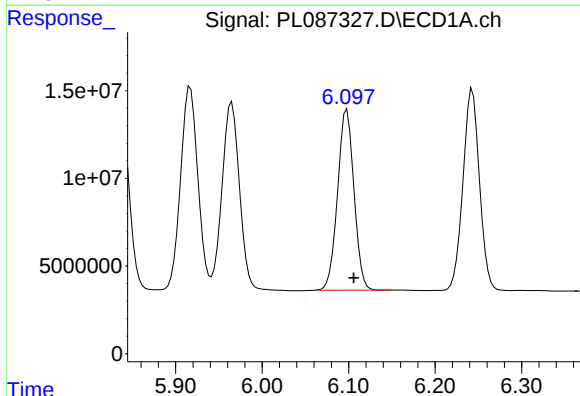
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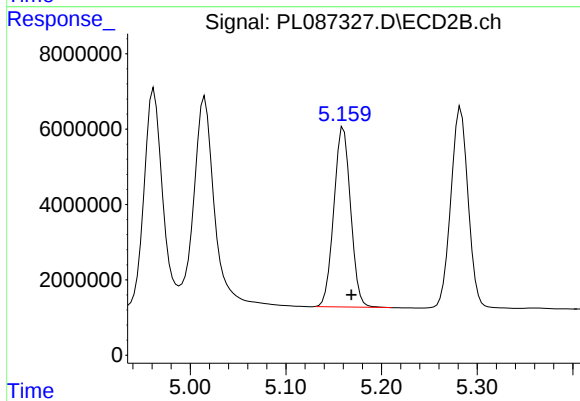
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 79315034
Conc: 34.36 ng/ml



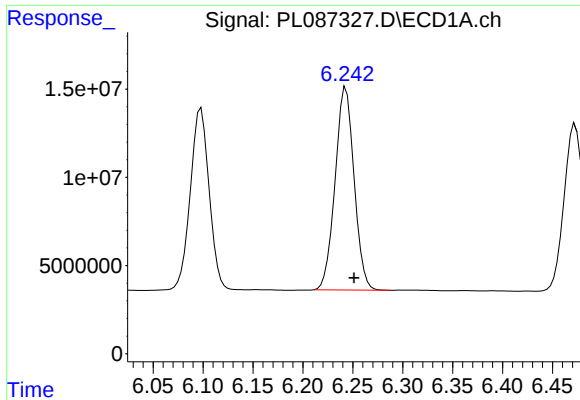
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 134933518
Conc: 32.56 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.008 min
Response: 58031804
Conc: 29.23 ng/ml



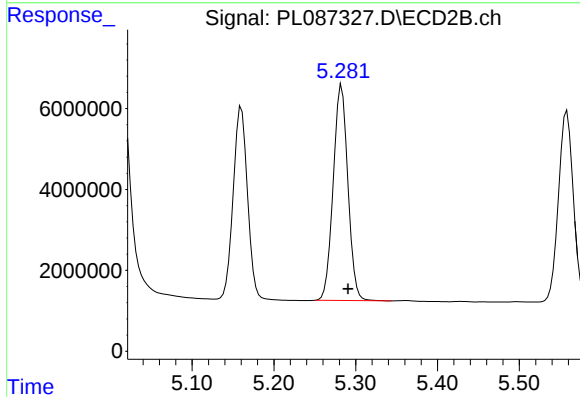
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 152148498
Conc: 32.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

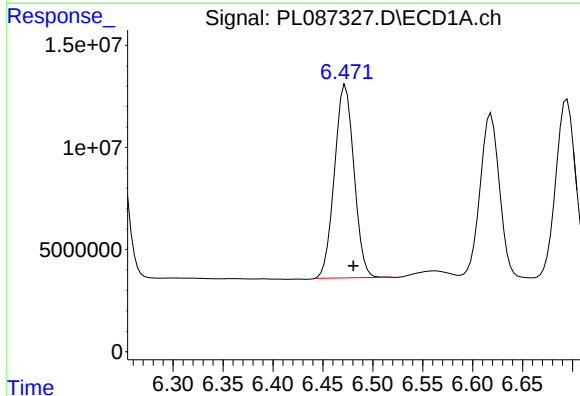
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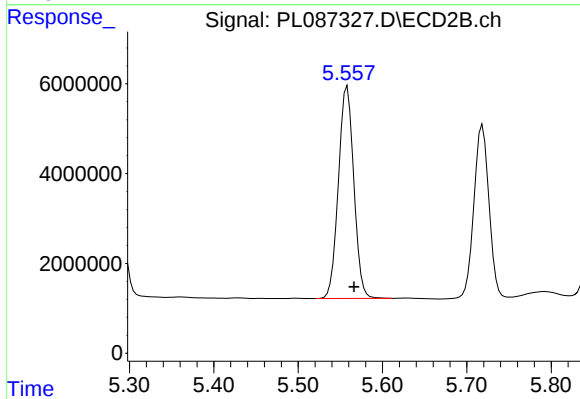
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: -0.008 min
Response: 66583504
Conc: 29.89 ng/ml



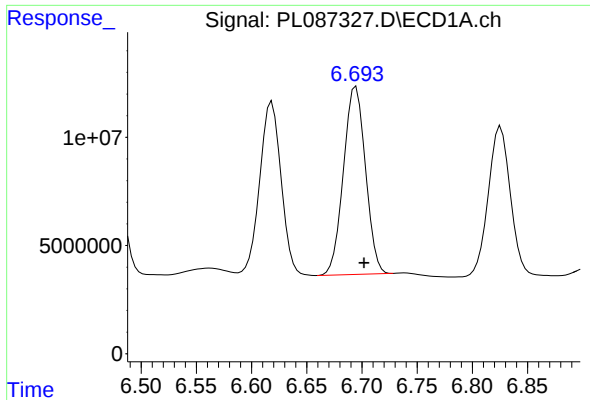
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 128609049
Conc: 33.43 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 60022523
Conc: 30.08 ng/ml



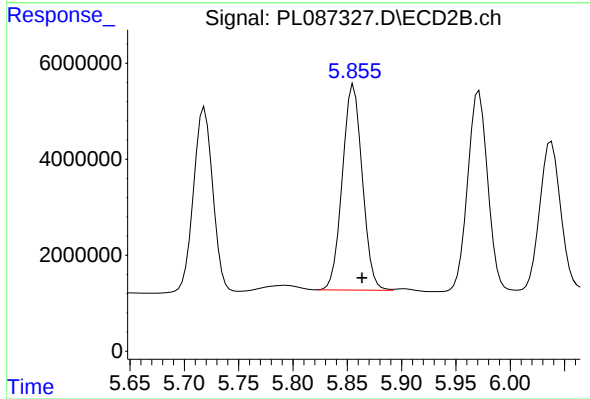
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: -0.007 min
Response: 120586285
Conc: 30.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

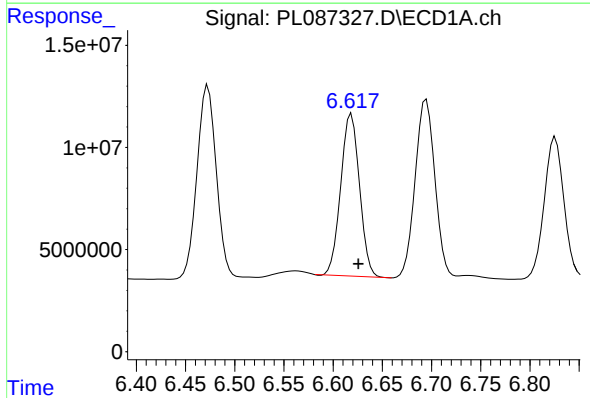
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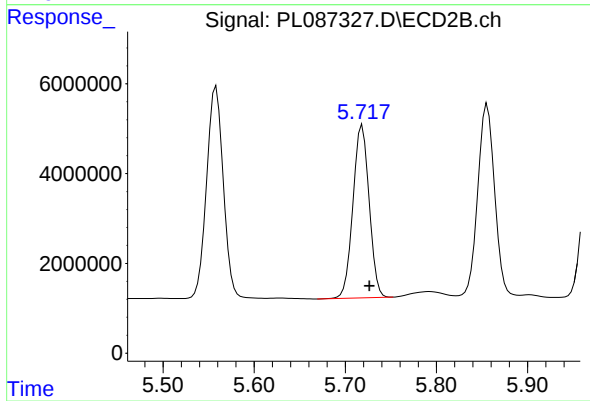
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.009 min
Response: 54745338
Conc: 28.12 ng/ml m



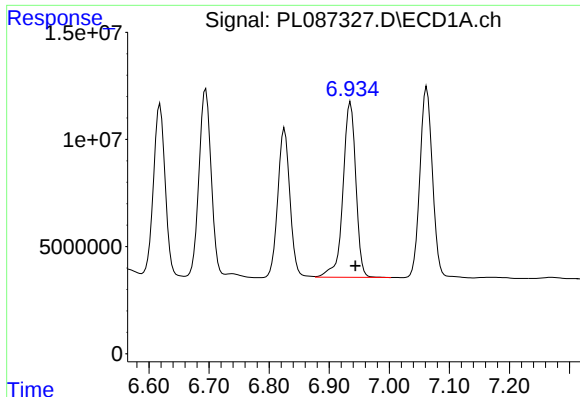
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 105574419
Conc: 31.94 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.008 min
Response: 47467565
Conc: 28.67 ng/ml



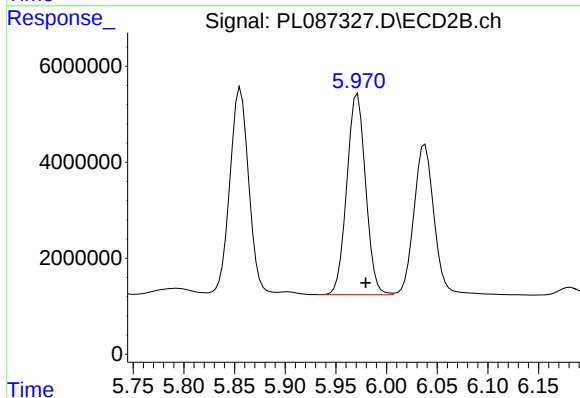
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.008 min
Response: 121509202
Conc: 32.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

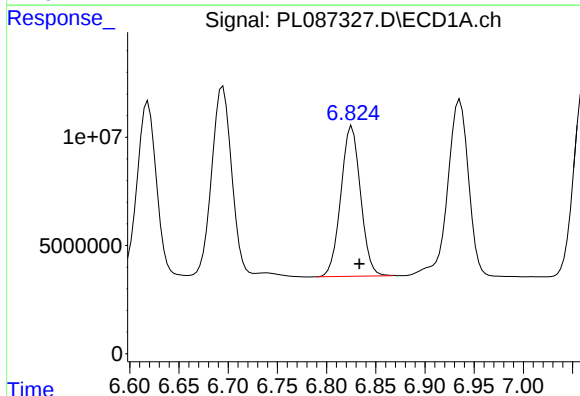
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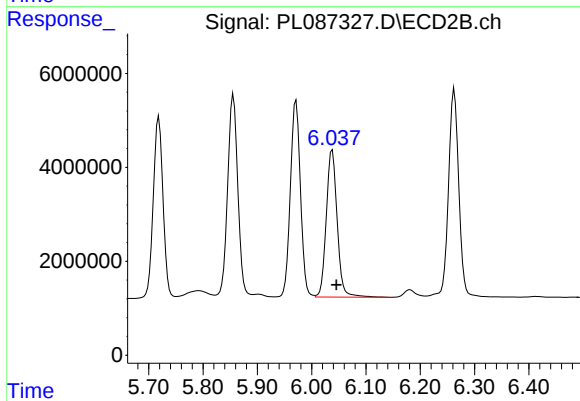
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.008 min
Response: 53959592
Conc: 29.26 ng/ml



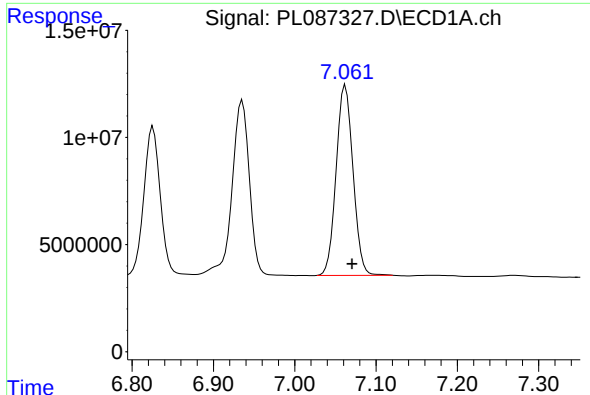
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.009 min
Response: 96777280
Conc: 33.39 ng/ml m



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 43662442
Conc: 29.75 ng/ml



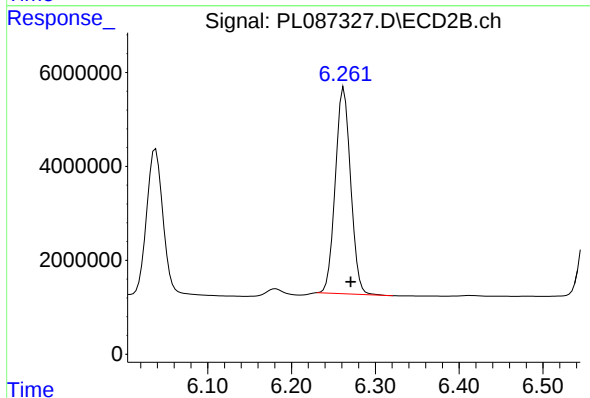
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 128015615
Conc: 32.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

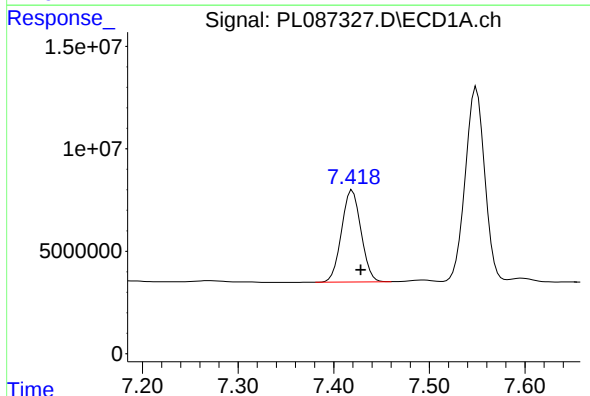
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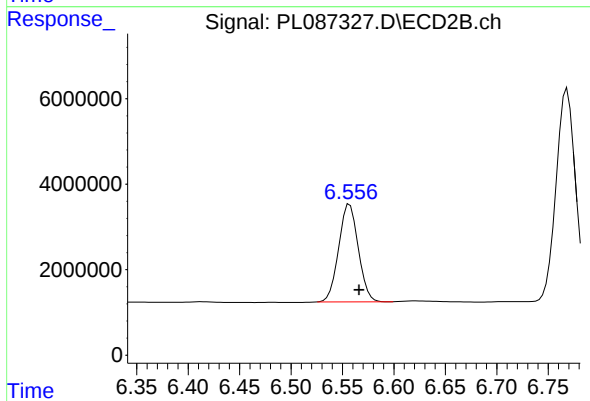
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 55659971
Conc: 29.55 ng/ml



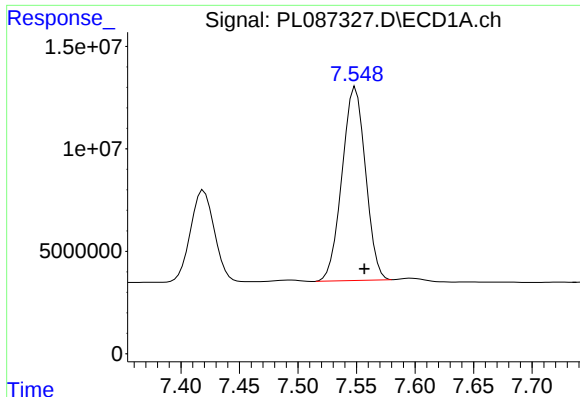
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.009 min
Response: 63698080
Conc: 32.67 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 30306301
Conc: 29.67 ng/ml



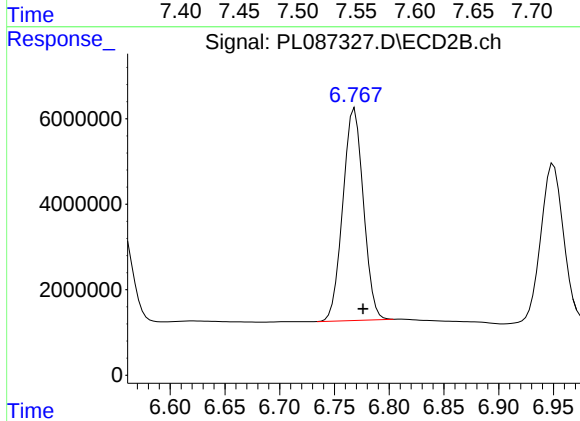
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 132045319
Conc: 32.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

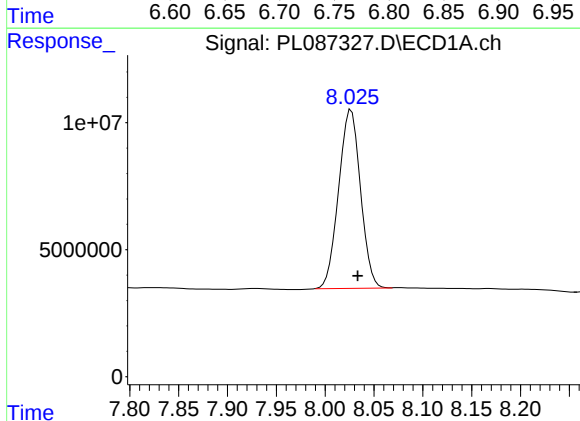
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2023
Supervised By :Ankita Jodhani 12/22/2023



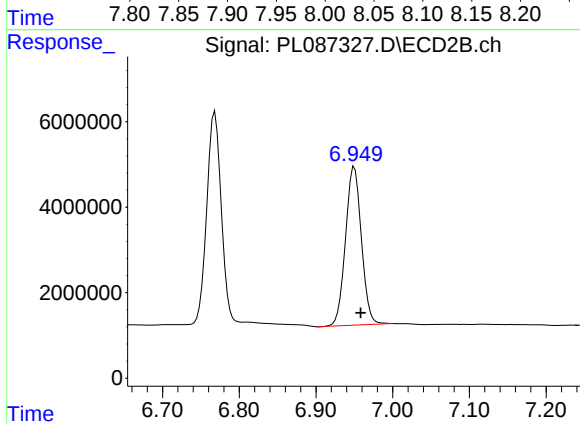
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 64895516
Conc: 30.49 ng/ml m



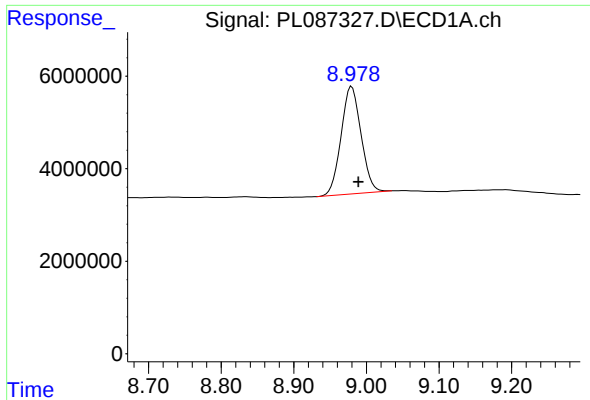
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.007 min
Response: 109664501
Conc: 32.56 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.008 min
Response: 53712884
Conc: 30.19 ng/ml



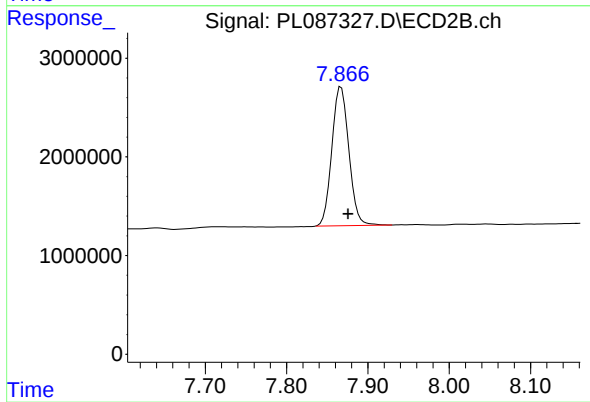
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 44414580
Conc: 13.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MSD

Manual Integrations
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Supervised By :Ankita Jodhani 12/22/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.009 min
Response: 20529217
Conc: 12.15 ng/ml