

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010324\
 Data File : PL087620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2024 15:02
 Operator : AR\AJ
 Sample : P1004-01MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-04-01022024MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/04/2024
 Supervised By :Ankita Jodhani 01/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 21:42:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.419	2.675	5372728	2255404	1.795m	1.862
28)	SA Decachlor...	8.983	7.864	5265652	2133833	1.849	1.684
Target Compounds							
2)	A alpha-BHC	3.877	3.179	16819365	6581646	3.749	3.571
3)	MA gamma-BHC...	4.209	3.509	17689706	6893276	4.056m	3.793
4)	MA Heptachlor	4.804	3.851	19879845	7165300	4.524	4.023
5)	MB Aldrin	5.146	4.129	17504196	6509089	4.084	3.688m
6)	B beta-BHC	4.411	3.811	9235801	3443758	4.964	4.503
7)	B delta-BHC	4.655	4.040	13002488	4848784	3.090m	2.793
8)	B Heptachlo...	5.576	4.639	16110235	6550133	4.205m	4.110
9)	A Endosulfan I	5.963	5.010	15282651	6721223	4.238m	4.345
10)	B gamma-Chl...	5.835	4.891	18059492	6907542	4.672	4.280m
11)	B alpha-Chl...	5.916	4.956	18039433	6895528	4.694	4.155m
12)	B 4,4'-DDE	6.097	5.155	13951094	5392694	4.364	4.009
13)	MA Dieldrin	6.242	5.277	16194768	6430838	4.348	4.047
14)	MA Endrin	6.471	5.553	13002432	5603385	4.140	3.952
15)	B Endosulfa...	6.694	5.851	15747498	6028040	4.910	4.403
16)	A 4,4'-DDD	6.617	5.713	11526043	4503502	4.470	3.994
17)	MA 4,4'-DDT	6.935	5.966	12851687	5089523	4.494	4.089
18)	B Endrin al...	6.825	6.032	10947046	5383318	4.352	4.632m
19)	B Endosulfa...	7.061	6.258	13115288	5327989	4.288	4.059
20)	A Methoxychlor	7.420	6.553	7480643	3259314	4.607	4.428
21)	B Endrin ke...	7.549	6.764	14195877	6147811	4.364	4.010
22)	Mirex	8.027	6.946	13412997	6376706	4.784	4.754

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010324\
Data File : PL087620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jan 2024 15:02
Operator : AR\AJ
Sample : P1004-01MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

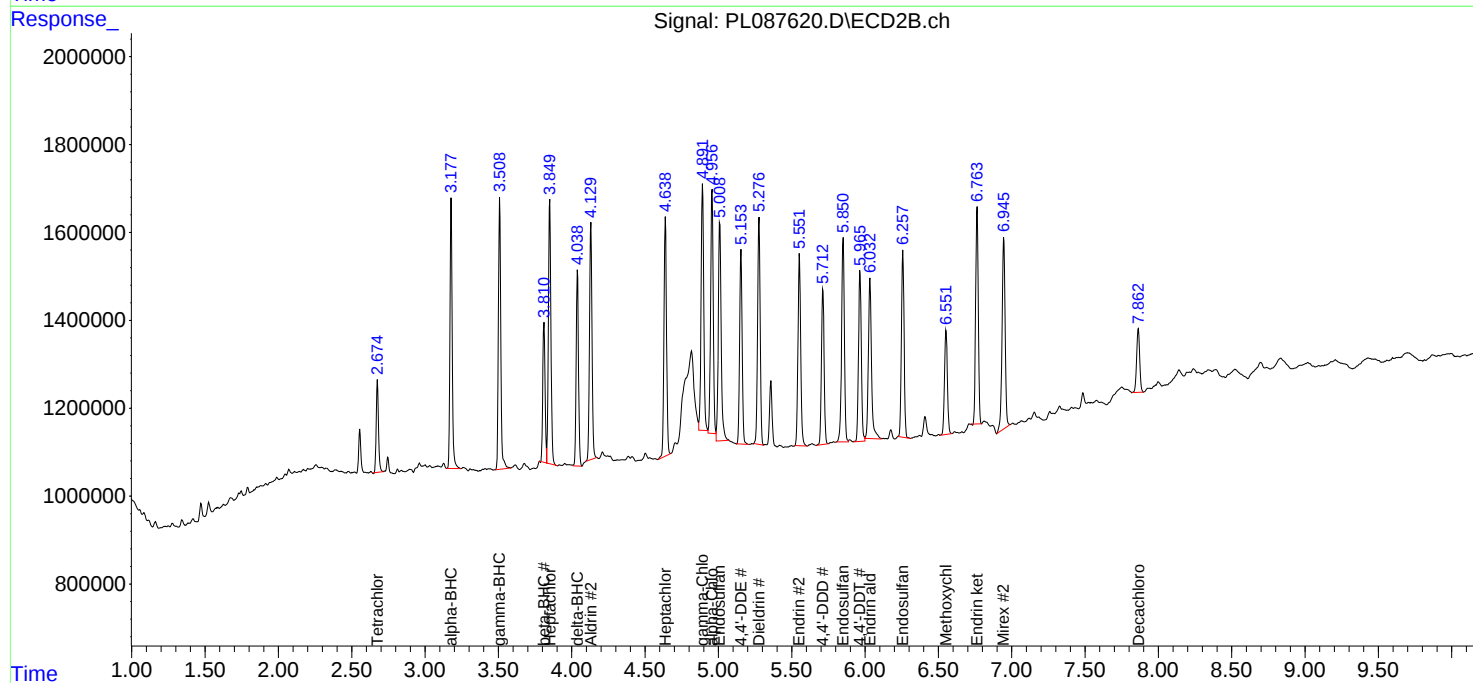
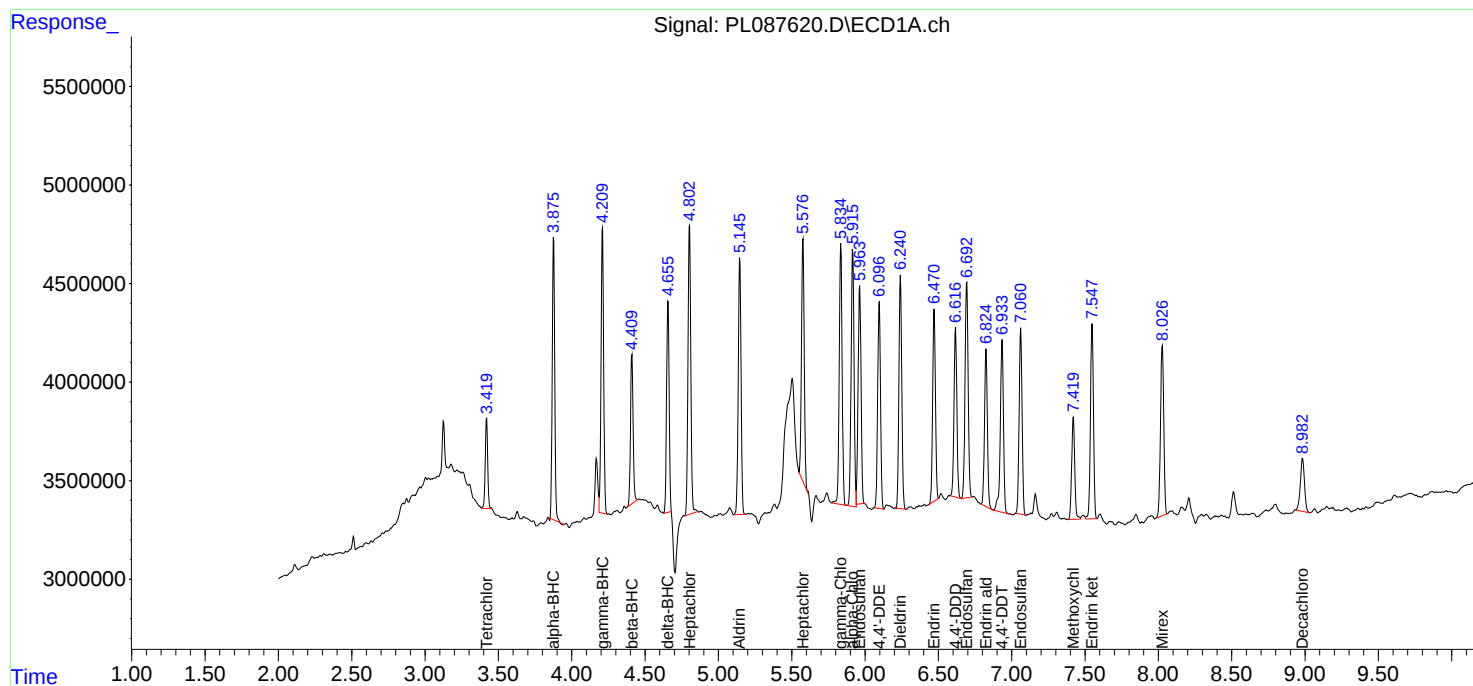
Instrument :
ECD_L
ClientSampleId :
SU-04-01022024MSD

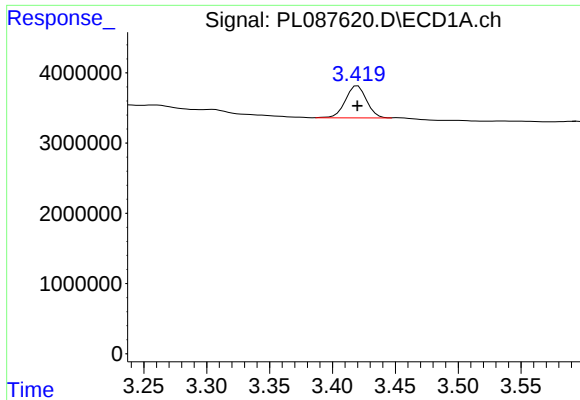
Manual Integrations
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Supervised By :Ankita Jodhani 01/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 03 21:42:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
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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





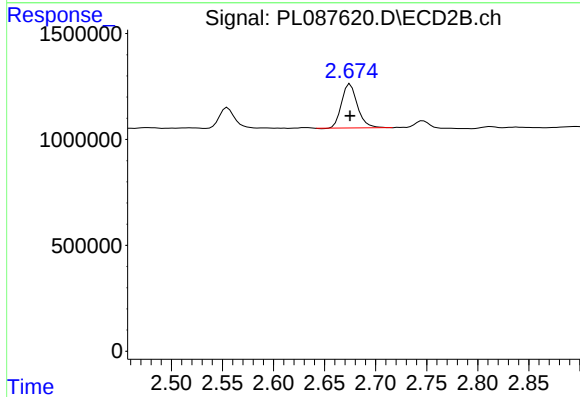
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: -0.001 min
Response: 5372728
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-04-01022024MSD

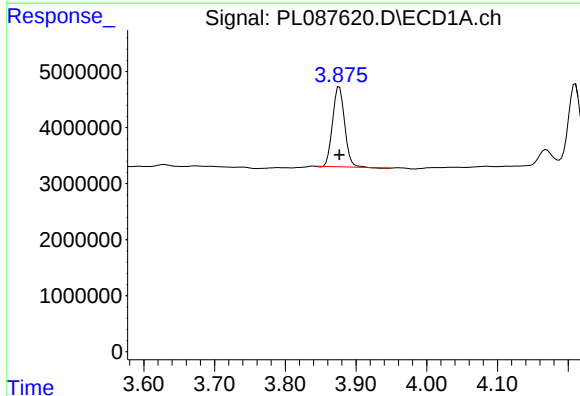
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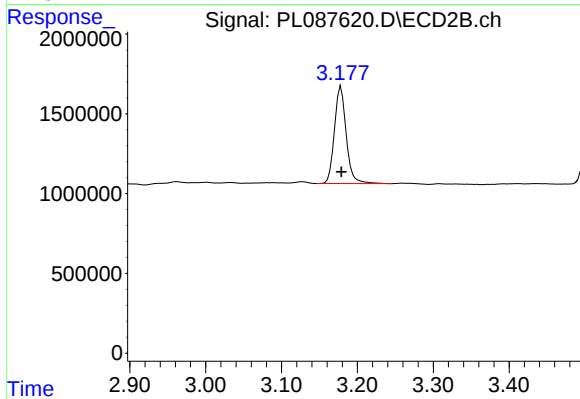
#1 Tetrachloro-m-xylene

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 2255404
Conc: 1.86 ng/ml



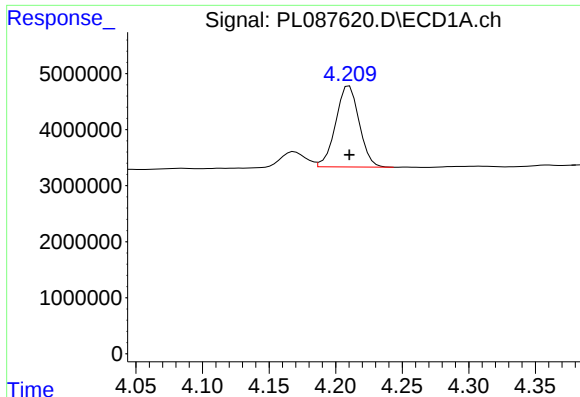
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 16819365
Conc: 3.75 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 6581646
Conc: 3.57 ng/ml



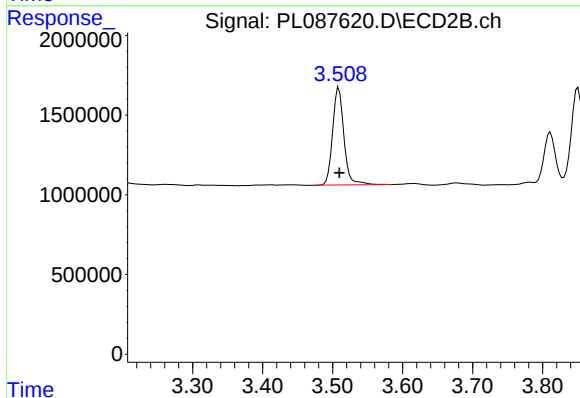
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 17689706
Conc: 4.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-04-01022024MSD

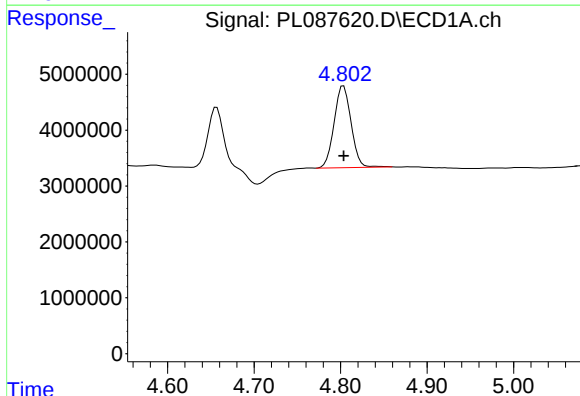
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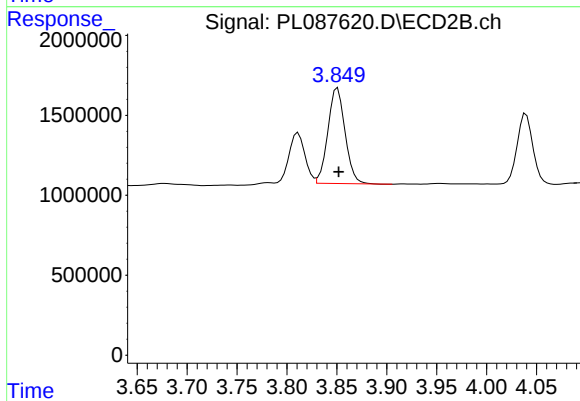
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 6893276
Conc: 3.79 ng/ml



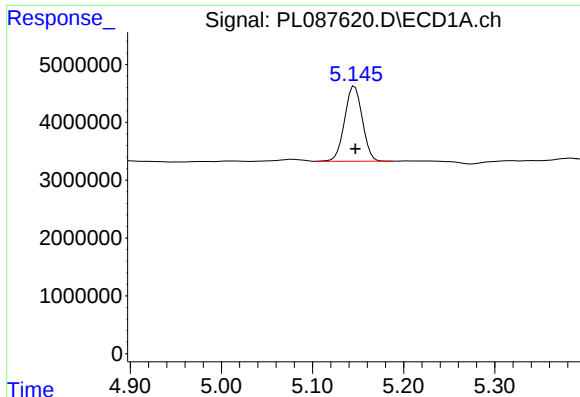
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 19879845
Conc: 4.52 ng/ml



#4 Heptachlor

R.T.: 3.851 min
Delta R.T.: -0.001 min
Response: 7165300
Conc: 4.02 ng/ml



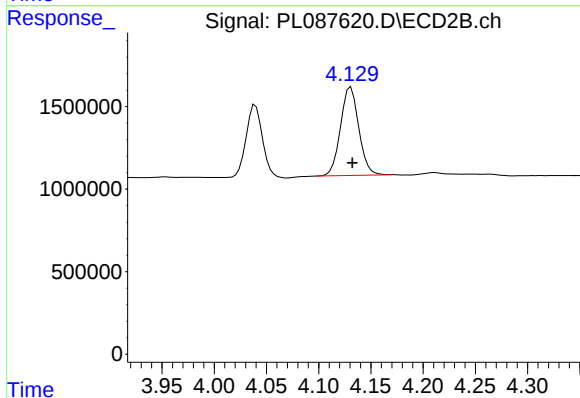
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 17504196
Conc: 4.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
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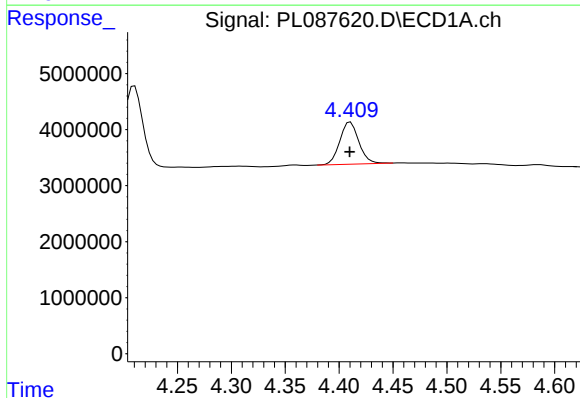
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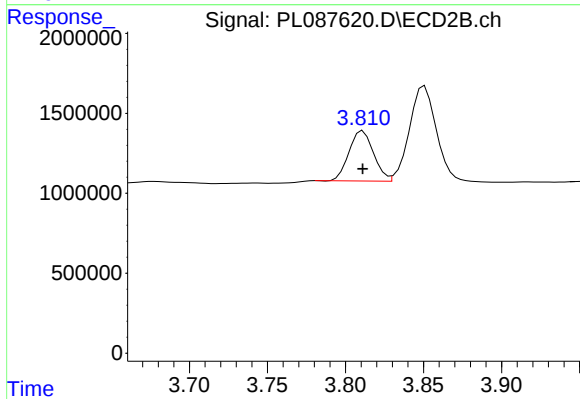
#5 Aldrin

R.T.: 4.129 min
Delta R.T.: -0.003 min
Response: 6509089
Conc: 3.69 ng/ml m



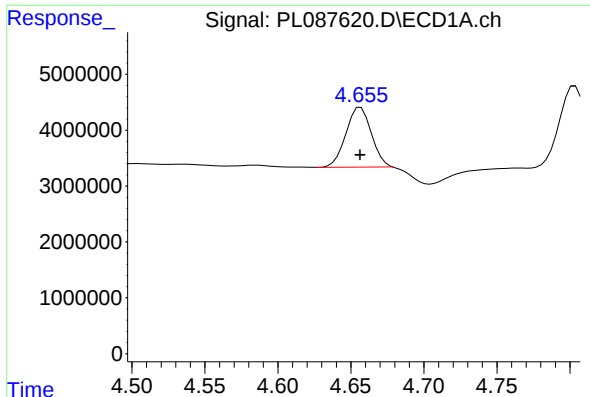
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 9235801
Conc: 4.96 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 3443758
Conc: 4.50 ng/ml



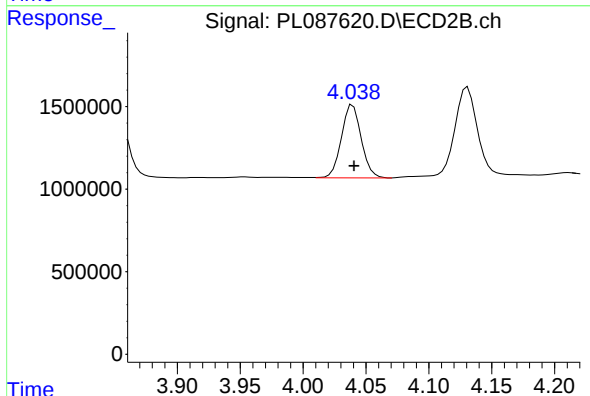
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 13002488
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-04-01022024MSD

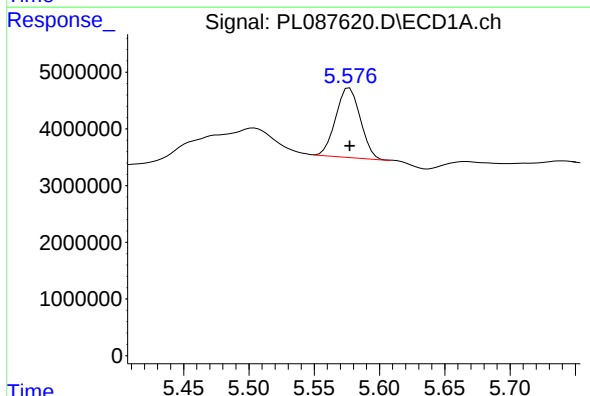
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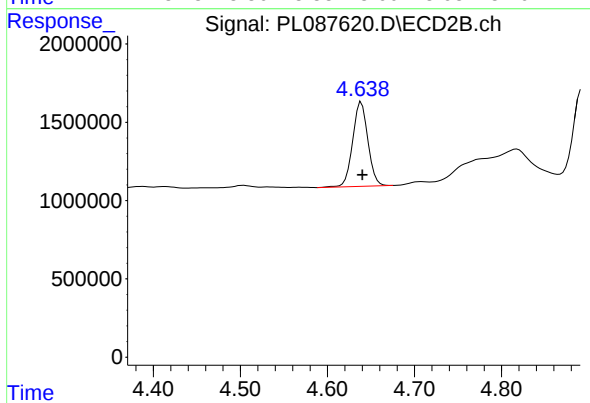
#7 delta-BHC

R.T.: 4.040 min
Delta R.T.: -0.001 min
Response: 4848784
Conc: 2.79 ng/ml



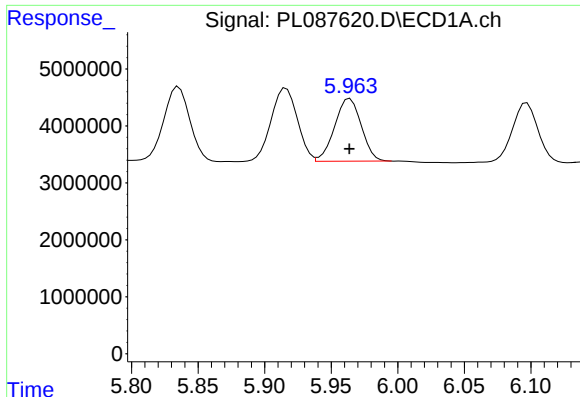
#8 Heptachlor epoxide

R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 16110235
Conc: 4.20 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.001 min
Response: 6550133
Conc: 4.11 ng/ml



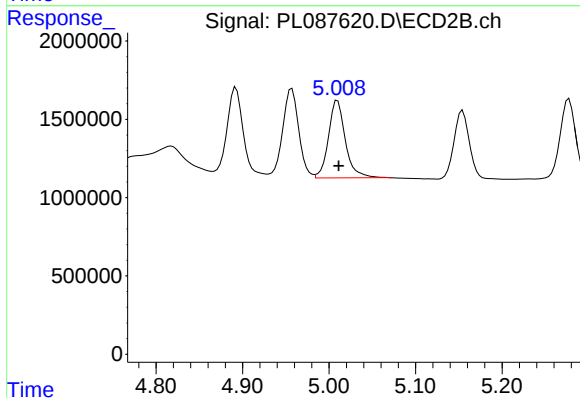
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.001 min
Response: 15282651
Conc: 4.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-04-01022024MSD

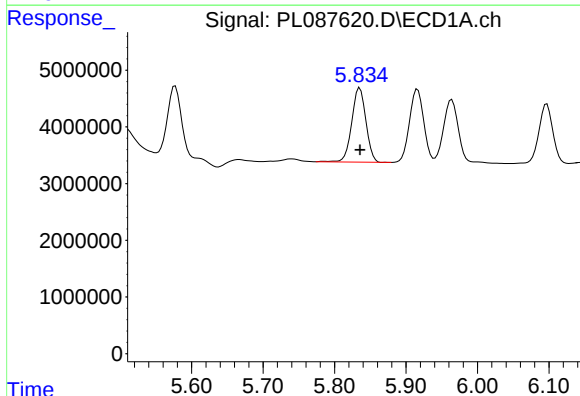
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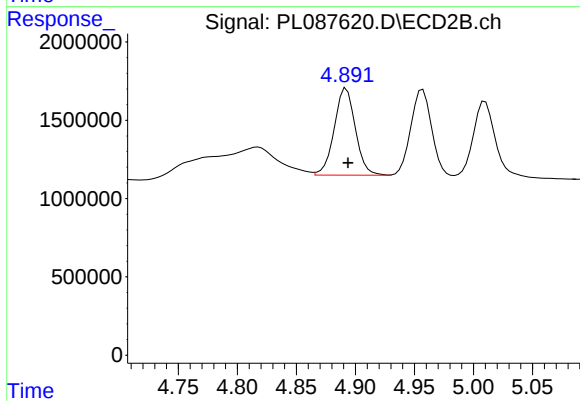
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 6721223
Conc: 4.34 ng/ml



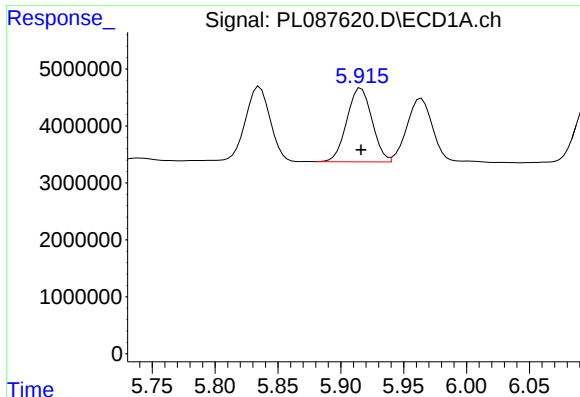
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 18059492
Conc: 4.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 6907542
Conc: 4.28 ng/ml m



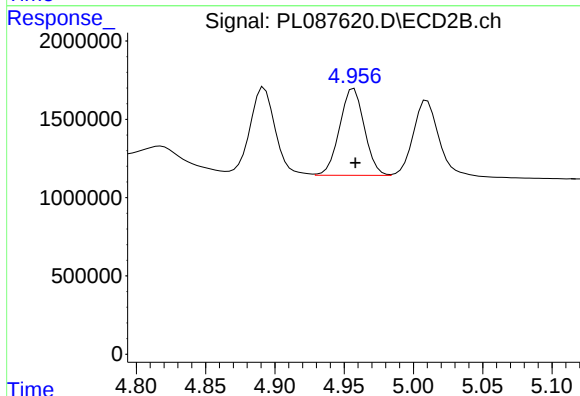
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 18039433
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
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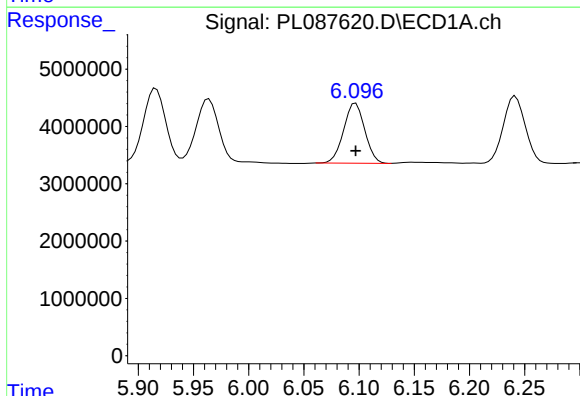
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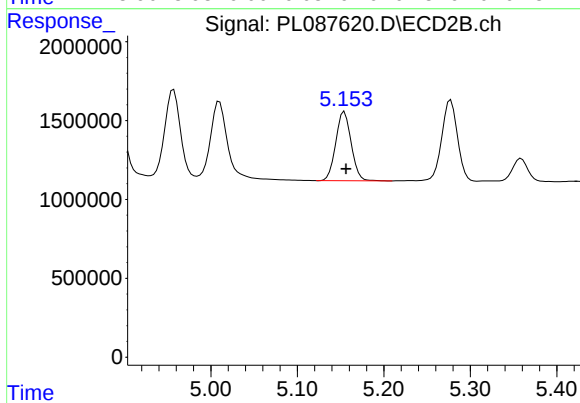
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 6895528
Conc: 4.15 ng/ml m



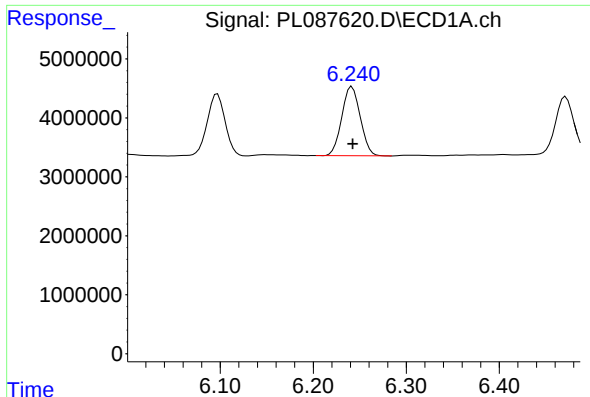
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 13951094
Conc: 4.36 ng/ml



#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 5392694
Conc: 4.01 ng/ml



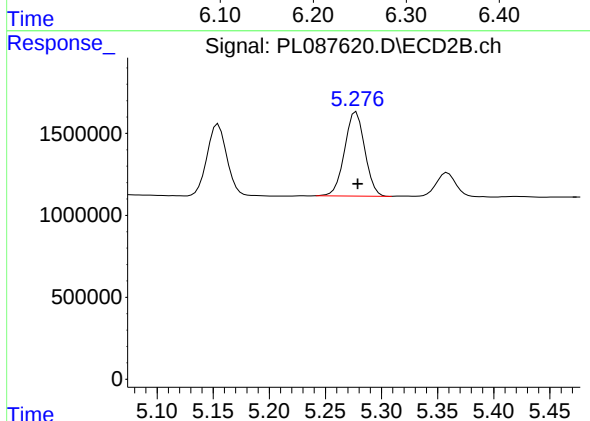
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 16194768
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
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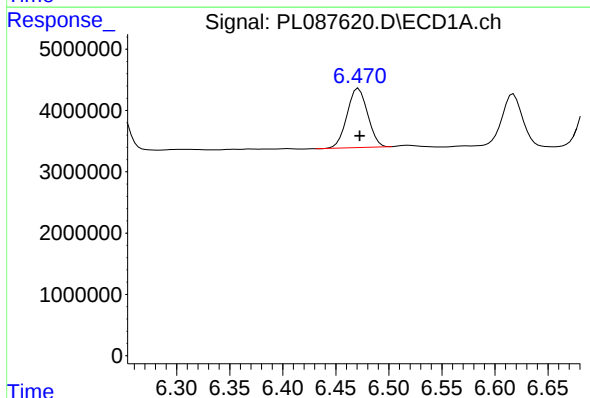
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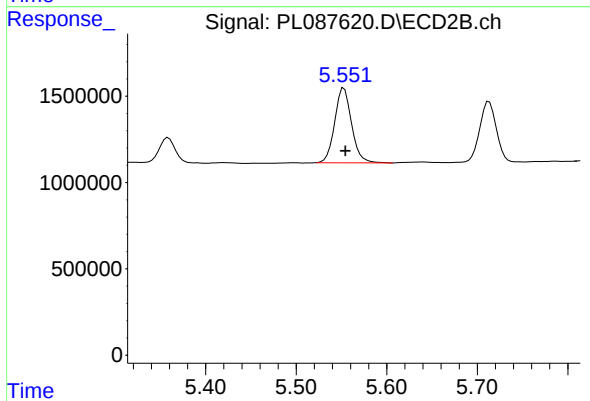
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 6430838
Conc: 4.05 ng/ml



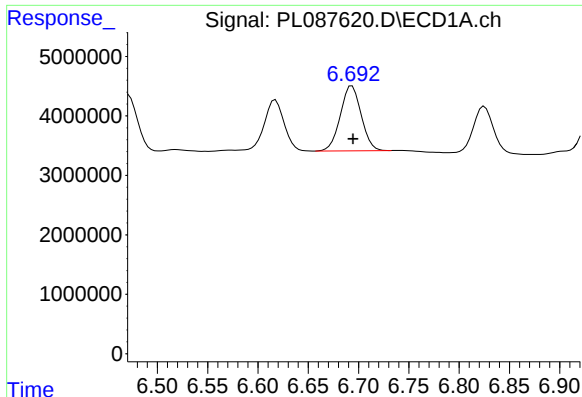
#14 Endrin

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 13002432
Conc: 4.14 ng/ml



#14 Endrin

R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 5603385
Conc: 3.95 ng/ml



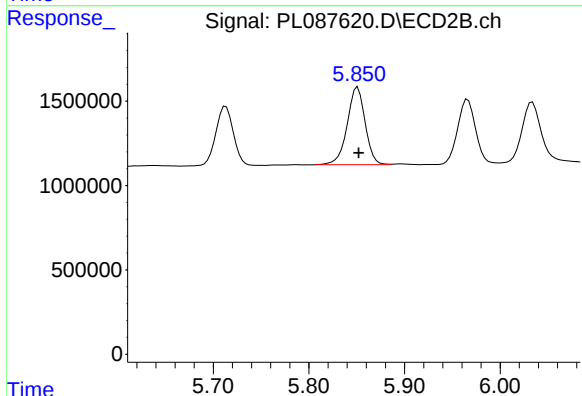
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 15747498
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
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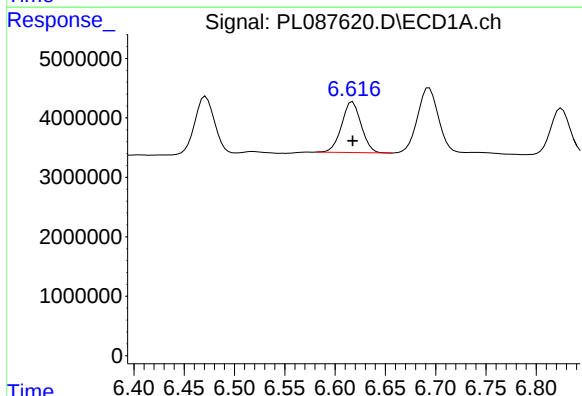
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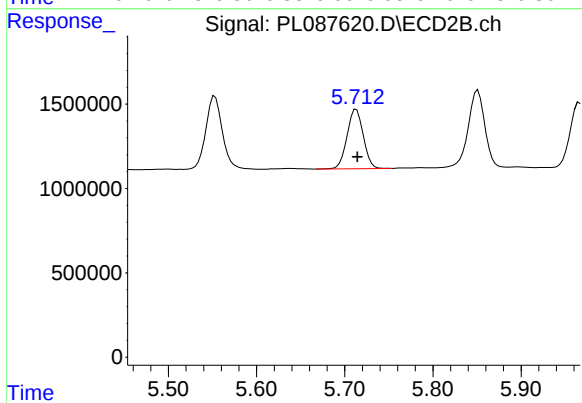
#15 Endosulfan II

R.T.: 5.851 min
Delta R.T.: -0.001 min
Response: 6028040
Conc: 4.40 ng/ml



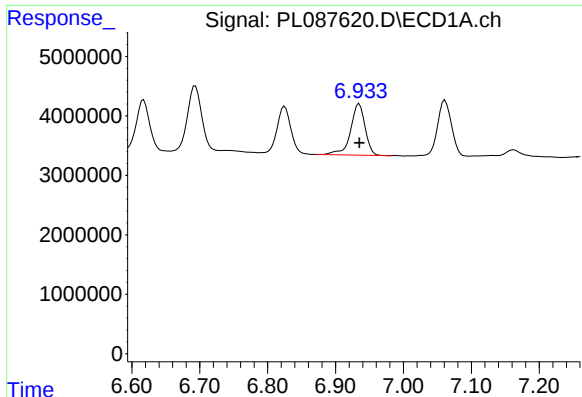
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 11526043
Conc: 4.47 ng/ml



#16 4,4'-DDD

R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 4503502
Conc: 3.99 ng/ml



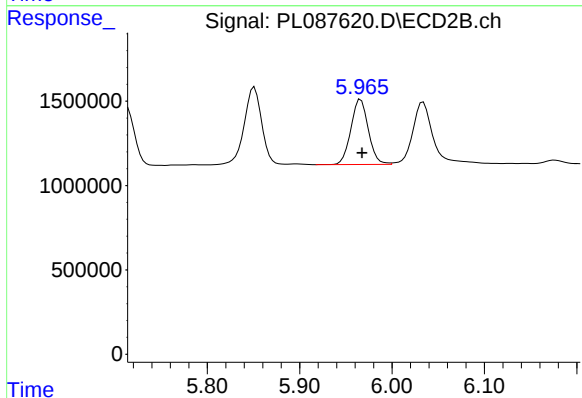
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 12851687
Conc: 4.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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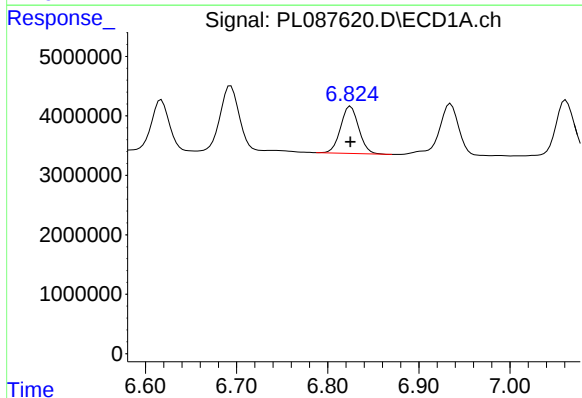
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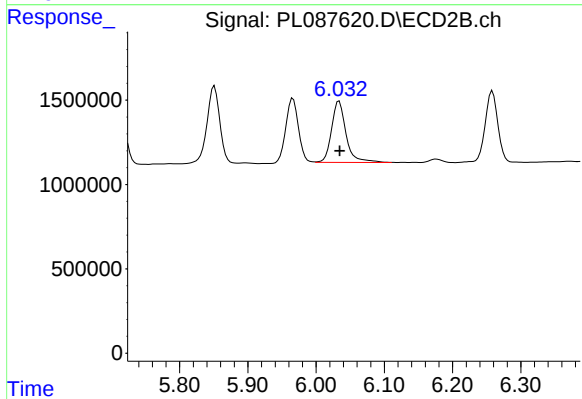
#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 5089523
Conc: 4.09 ng/ml



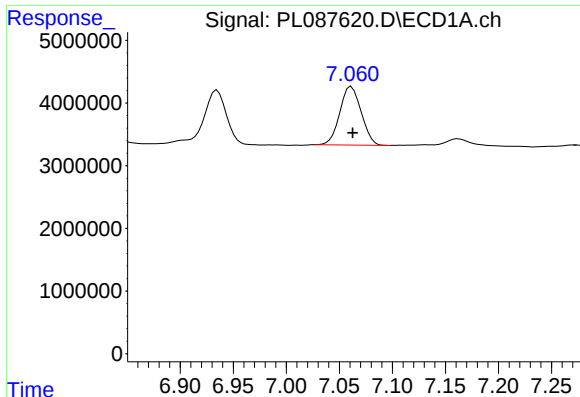
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 10947046
Conc: 4.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 5383318
Conc: 4.63 ng/ml m



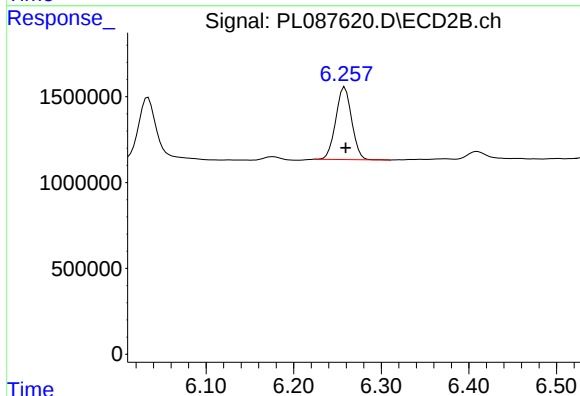
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 13115288
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
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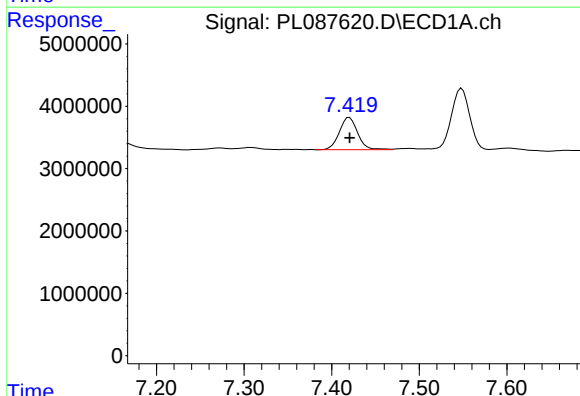
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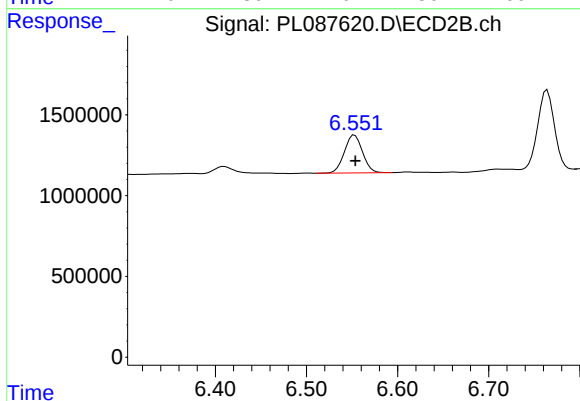
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 5327989
Conc: 4.06 ng/ml



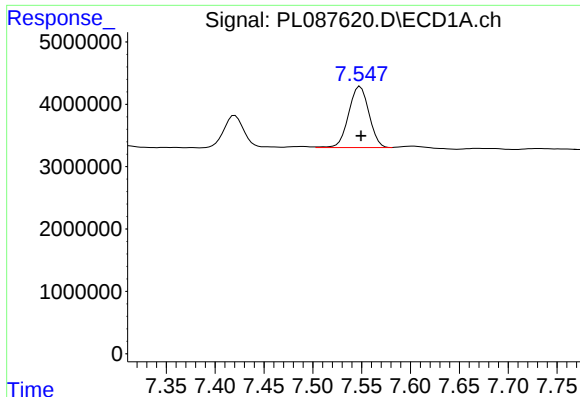
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 7480643
Conc: 4.61 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 3259314
Conc: 4.43 ng/ml



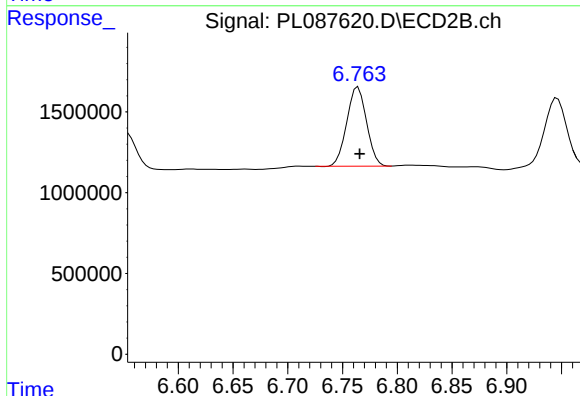
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 14195877
Conc: 4.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-04-01022024MSD

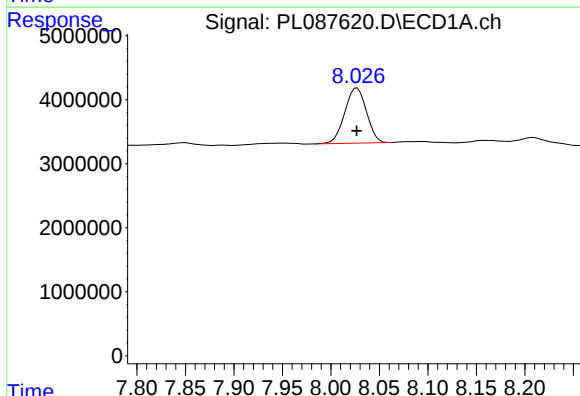
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/04/2024
Supervised By :Ankita Jodhani 01/04/2024



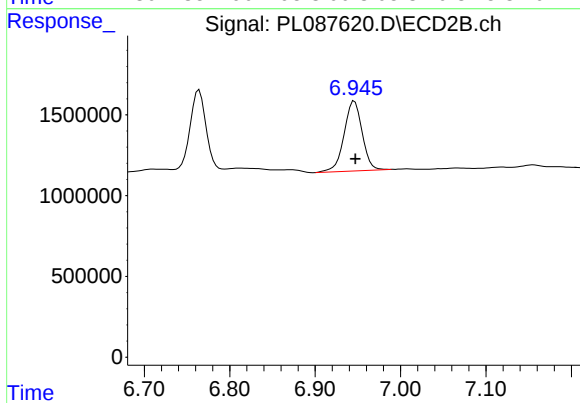
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 6147811
Conc: 4.01 ng/ml



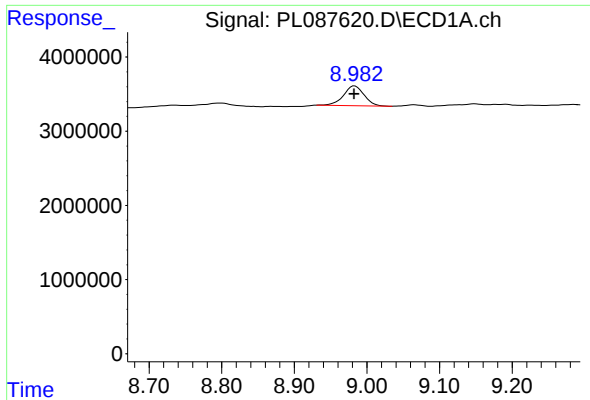
#22 Mirex

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 13412997
Conc: 4.78 ng/ml



#22 Mirex

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 6376706
Conc: 4.75 ng/ml



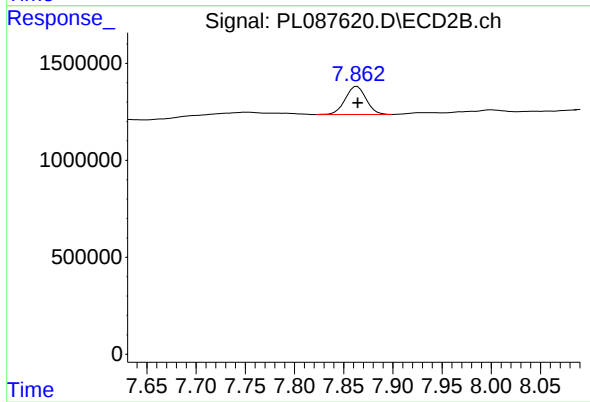
#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: 0.000 min
Response: 5265652
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-04-01022024MSD

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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 2133833
Conc: 1.68 ng/ml