

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
 Data File : PL096486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 14:19
 Operator : AR\AJ
 Sample : Q2635-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT2286MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2025
 Supervised By : mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 01:45:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.828	66323622	99006316	18.176m	17.155
28)	SA Decachlor...	9.020	7.994	46546754	70632540	16.547	14.165
Target Compounds							
2)	A alpha-BHC	3.983	3.333	248.3E6	369.9E6	48.269	43.858
3)	MA gamma-BHC...	4.310	3.665	234.8E6	338.8E6	47.151m	43.013
4)	MA Heptachlor	4.904	4.014	219.1E6	331.0E6	47.821	43.507
5)	MB Aldrin	5.242	4.295	231.6E6	326.1E6	47.911m	44.691m
6)	B beta-BHC	4.498	3.961	89453895	134.6E6	43.032	39.312
7)	B delta-BHC	4.744	4.194	207.4E6	325.2E6	46.285	42.219
8)	B Heptachlo...	5.664	4.799	220.2E6	280.3E6	53.068	41.924
9)	A Endosulfan I	6.046	5.171	192.0E6	249.1E6	47.566	34.726 #
10)	B gamma-Chl...	5.916	5.051	210.2E6	300.5E6	47.513m	42.809
11)	B alpha-Chl...	5.998	5.115	208.6E6	281.9E6	47.637	37.485
12)	B 4,4'-DDE	6.168	5.304	161.2E6	252.7E6	43.477	39.103
13)	MA Dieldrin	6.318	5.435	212.6E6	311.9E6	50.278	45.738
14)	MA Endrin	6.545	5.708	164.0E6	261.5E6	52.722	42.893m
15)	B Endosulfa...	6.757	6.001	170.4E6	249.3E6	49.117	42.523
16)	A 4,4'-DDD	6.677	5.857	184.0E6	207.3E6	63.201	40.411 #
17)	MA 4,4'-DDT	6.991	6.109	153.6E6	278.2E6	50.617	48.506
18)	B Endrin al...	6.886	6.179	128.7E6	215.1E6	57.552	48.277
19)	B Endosulfa...	7.119	6.403	158.0E6	267.9E6	51.664	47.623
20)	A Methoxychlor	7.464	6.680	82126176	126.2E6	52.130	41.559m
21)	B Endrin ke...	7.597	6.907	215.1E6	235.9E6	65.153	37.735 #
22)	Mirex	8.079	7.098	129.8E6	190.2E6	46.652	38.279

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
Data File : PL096486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 14:19
Operator : AR\AJ
Sample : Q2635-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

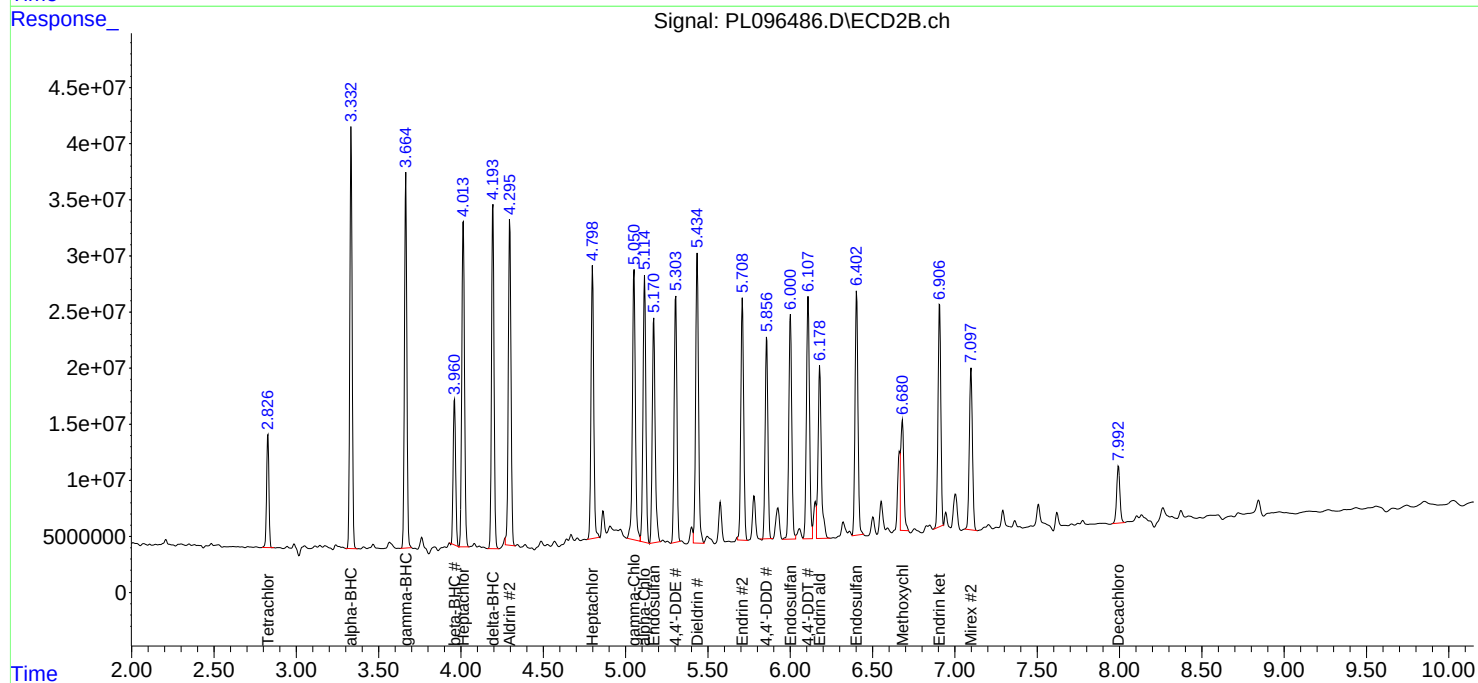
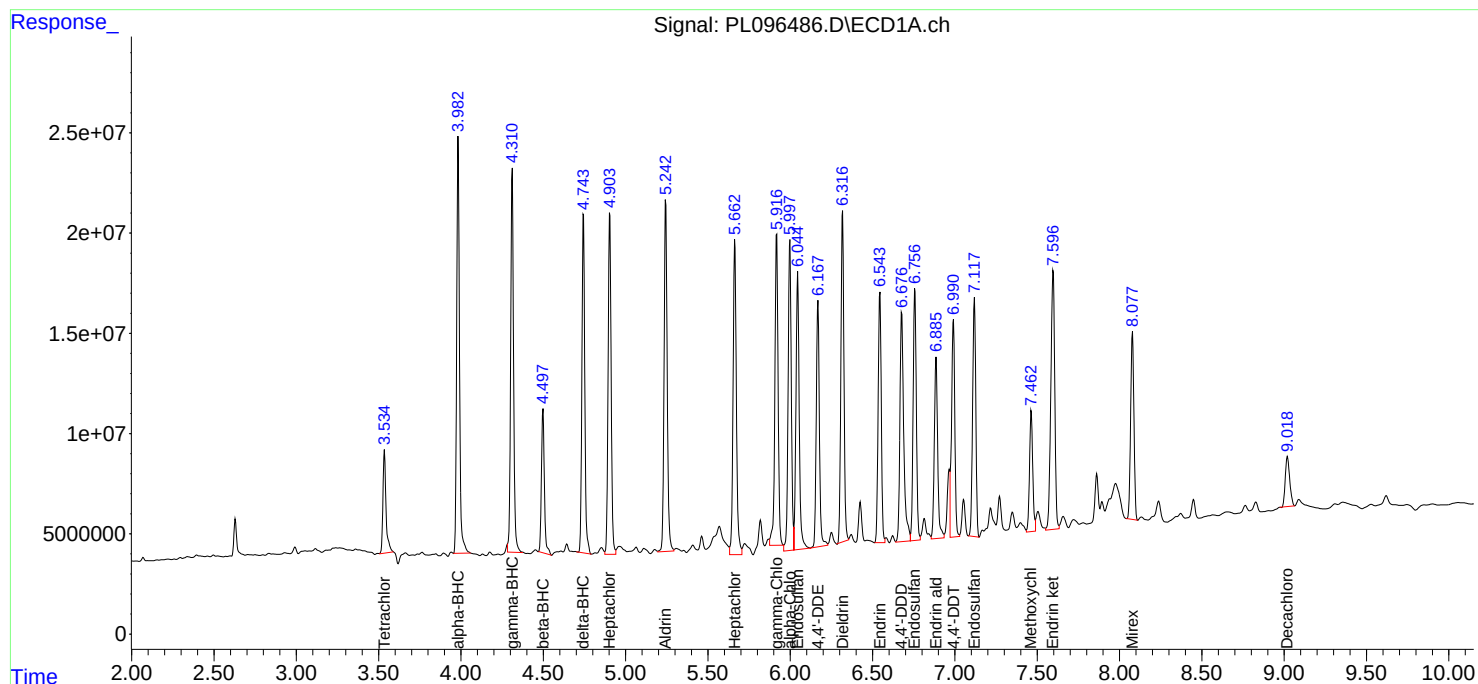
Instrument :
ECD_L
ClientSampleId :
RT2286MSD

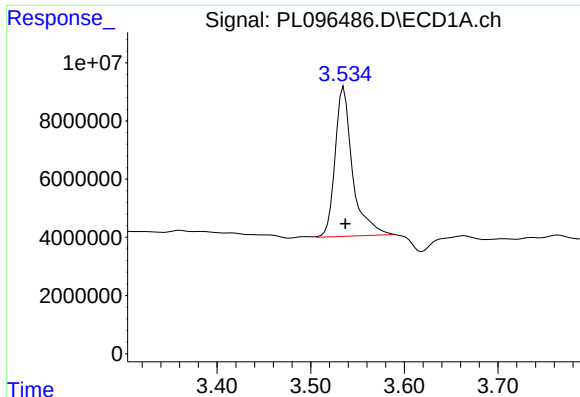
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:45:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





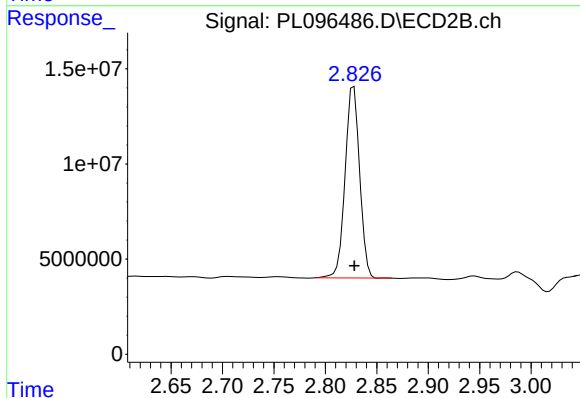
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 66323622
Conc: 18.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

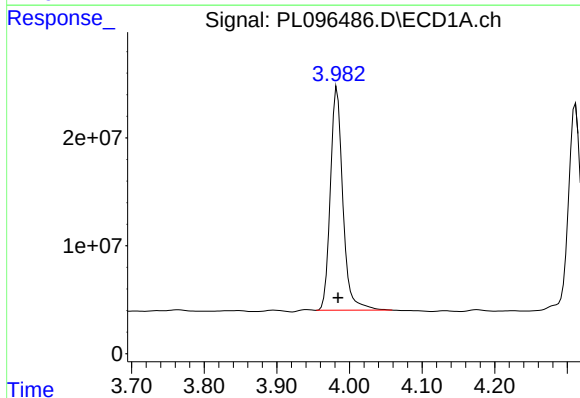
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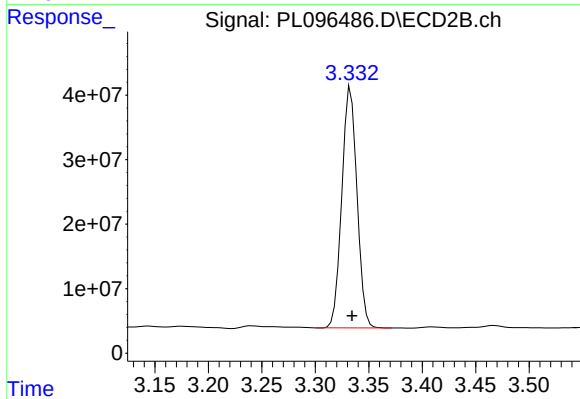
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 99006316
Conc: 17.16 ng/ml



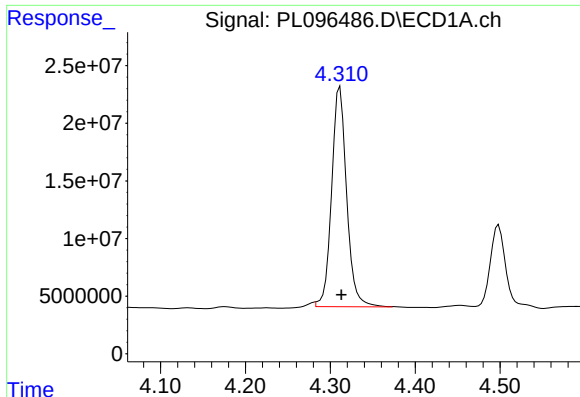
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 248255323
Conc: 48.27 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 369910903
Conc: 43.86 ng/ml



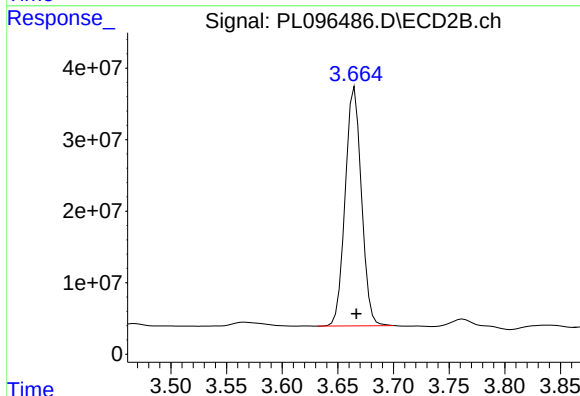
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 234793480
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

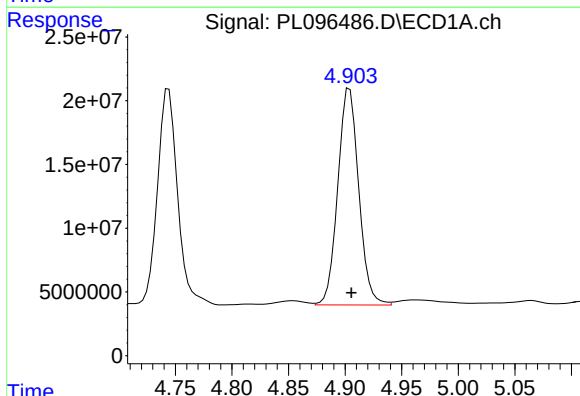
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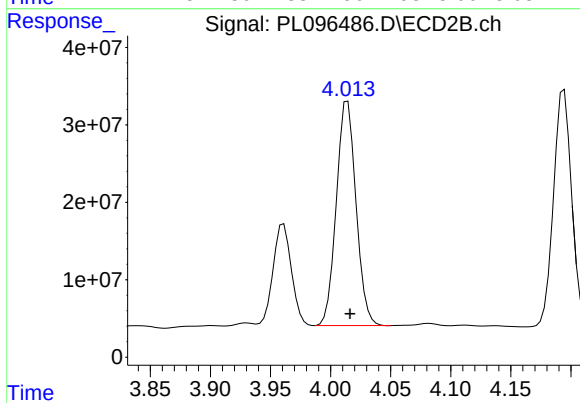
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 338760978
Conc: 43.01 ng/ml



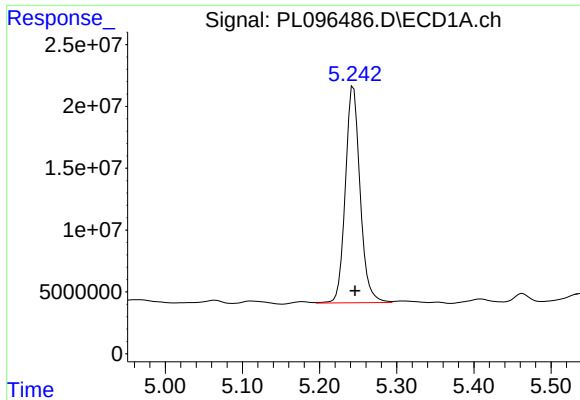
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 219080076
Conc: 47.82 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 330991751
Conc: 43.51 ng/ml



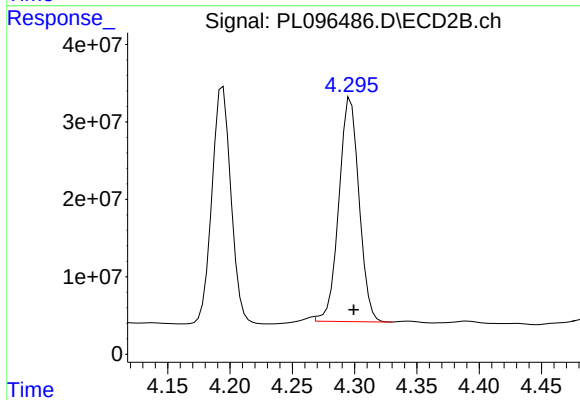
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 231588536
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

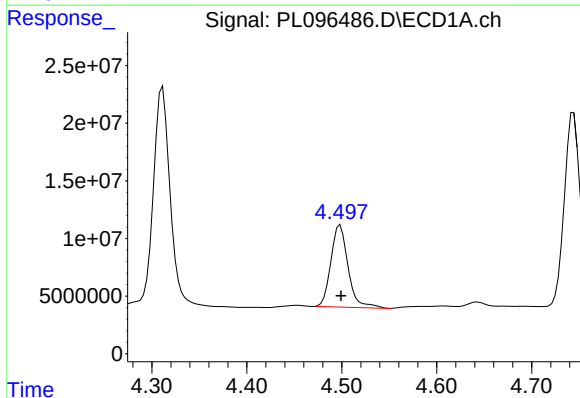
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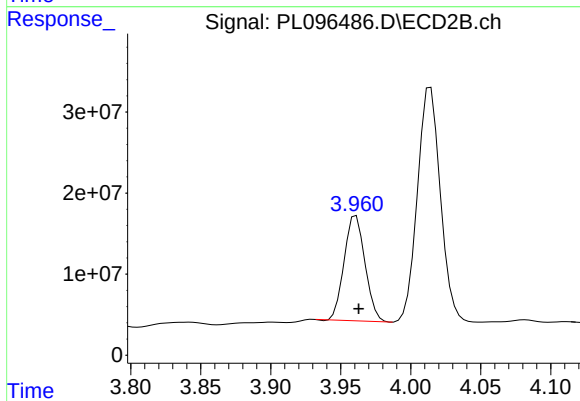
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 326051055
Conc: 44.69 ng/ml m



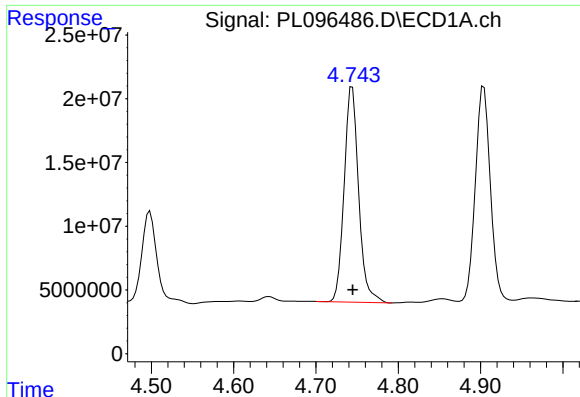
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 89453895
Conc: 43.03 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 134601742
Conc: 39.31 ng/ml



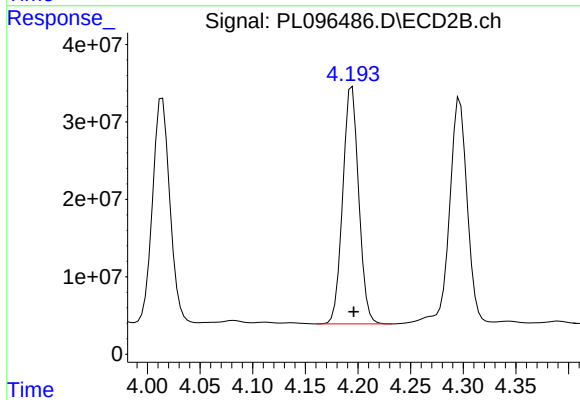
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 207417305
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

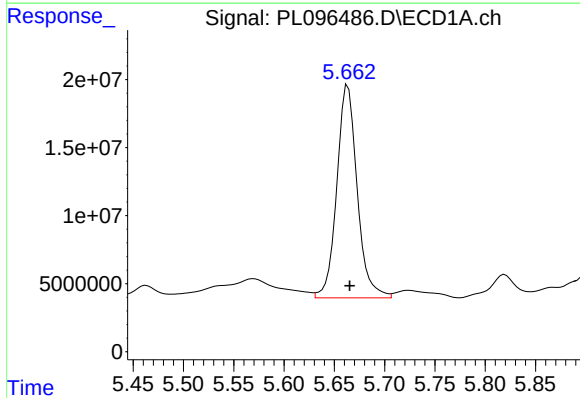
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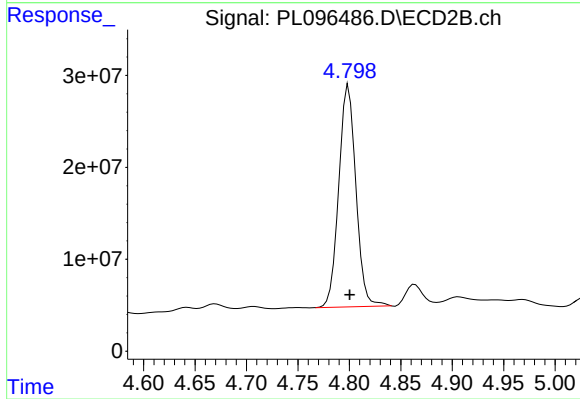
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 325166817
Conc: 42.22 ng/ml



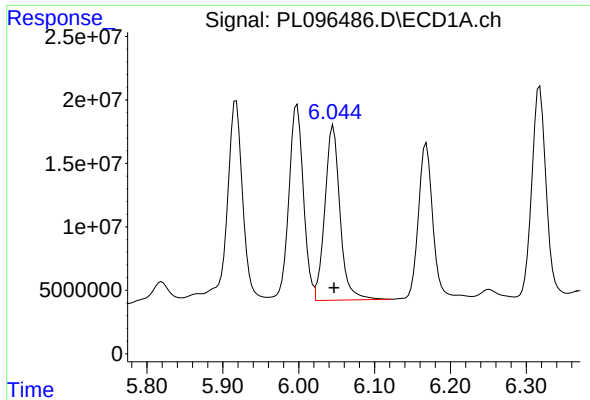
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.002 min
Response: 220187841
Conc: 53.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 280258916
Conc: 41.92 ng/ml



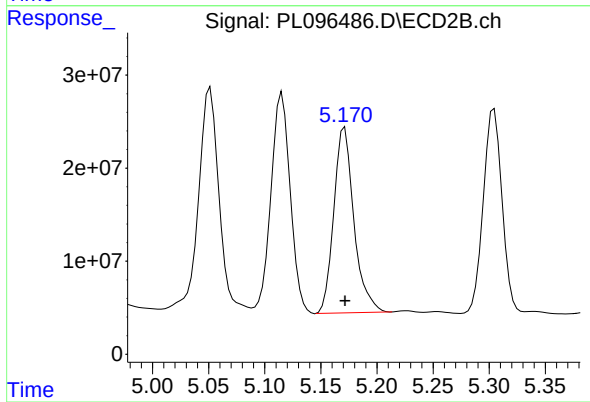
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: -0.001 min
Response: 192034717
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

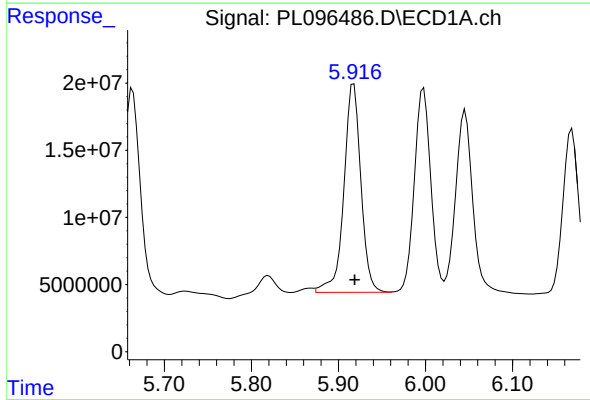
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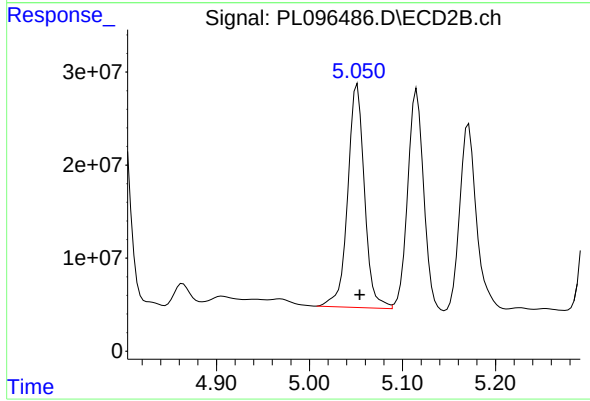
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 249129255
Conc: 34.73 ng/ml



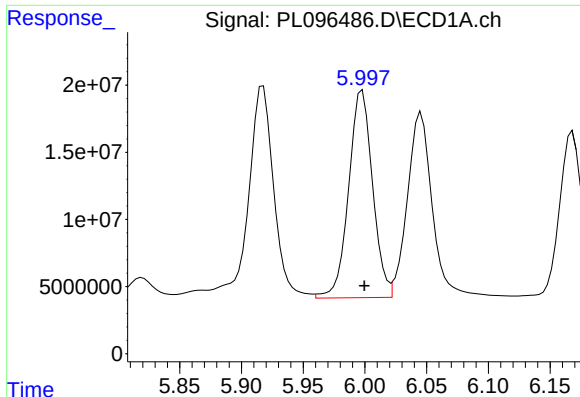
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 210234595
Conc: 47.51 ng/ml m



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 300509123
Conc: 42.81 ng/ml



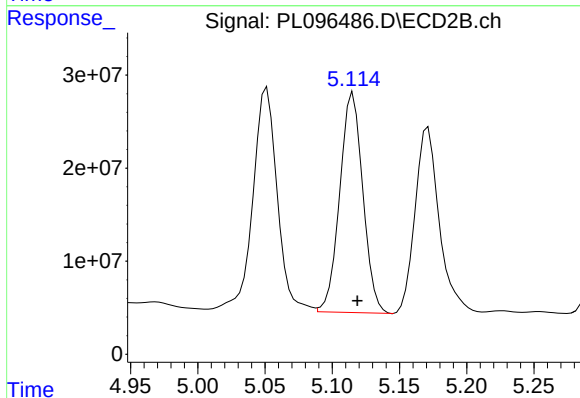
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 208594827
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

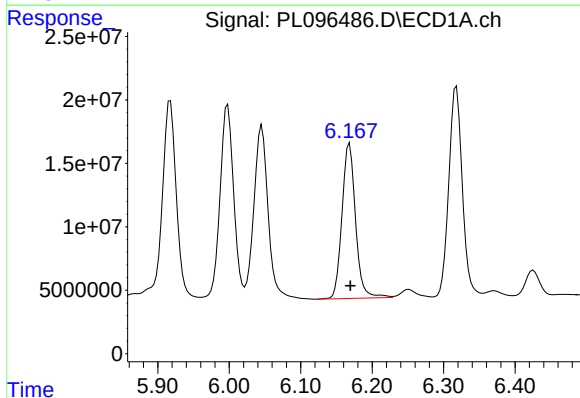
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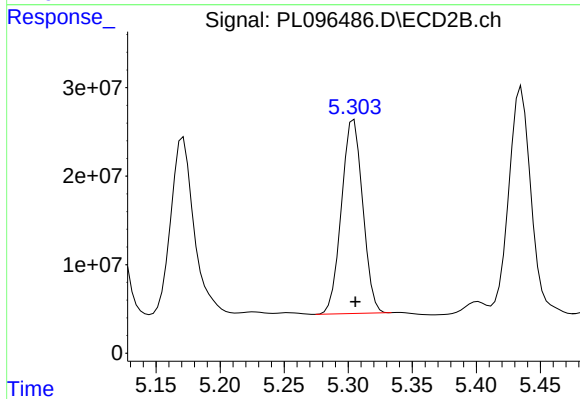
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 281895230
Conc: 37.48 ng/ml



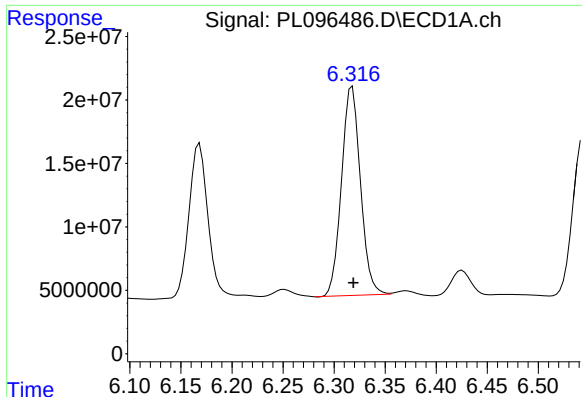
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 161188898
Conc: 43.48 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 252748541
Conc: 39.10 ng/ml



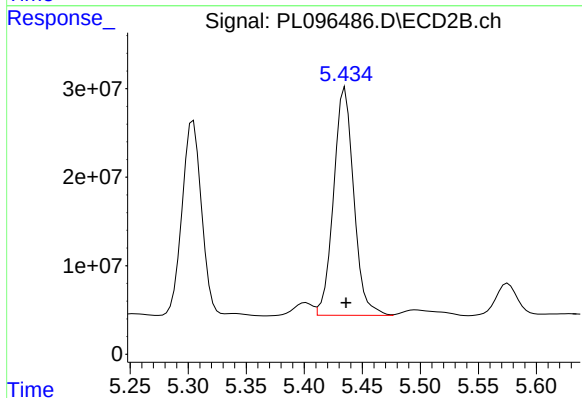
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 212595047
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

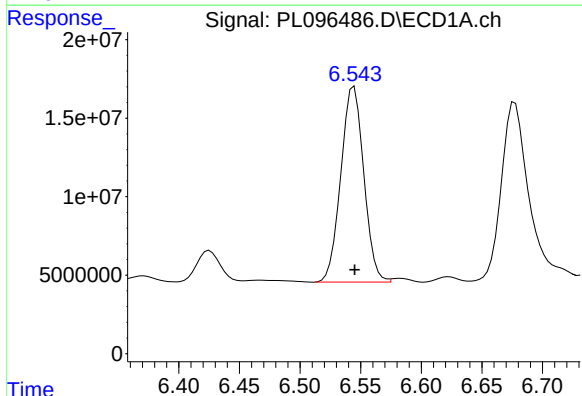
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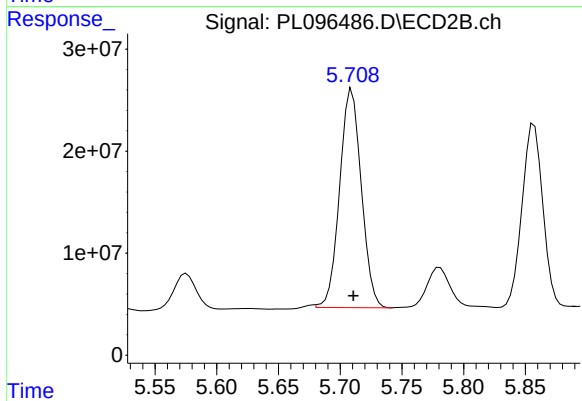
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 311900838
Conc: 45.74 ng/ml



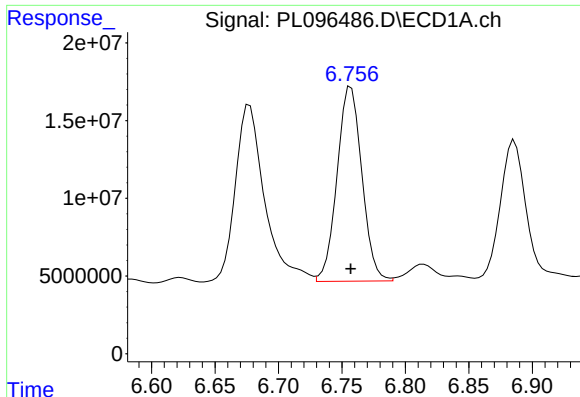
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 163977880
Conc: 52.72 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 261498247
Conc: 42.89 ng/ml m



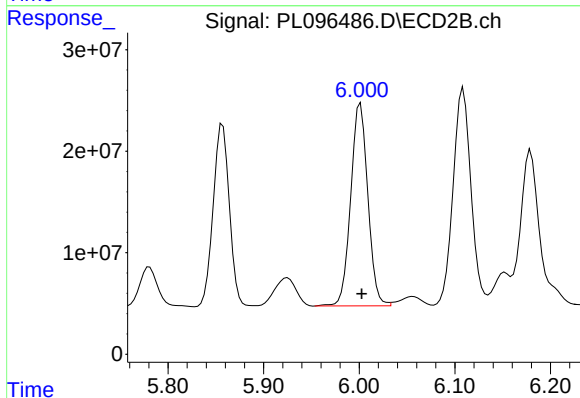
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 170438313
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

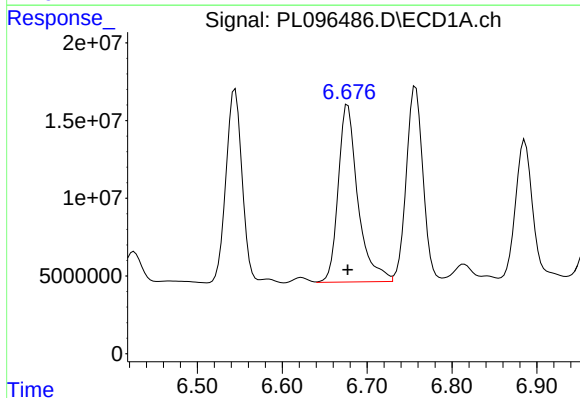
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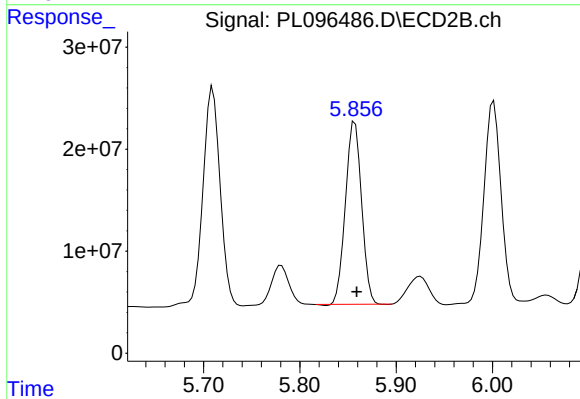
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 249347370
Conc: 42.52 ng/ml



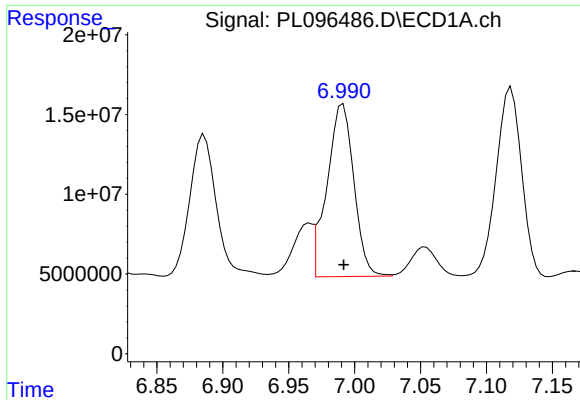
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 184022980
Conc: 63.20 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 207253912
Conc: 40.41 ng/ml



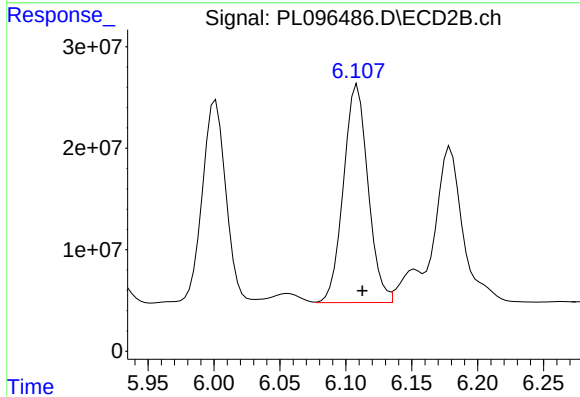
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 153631870
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

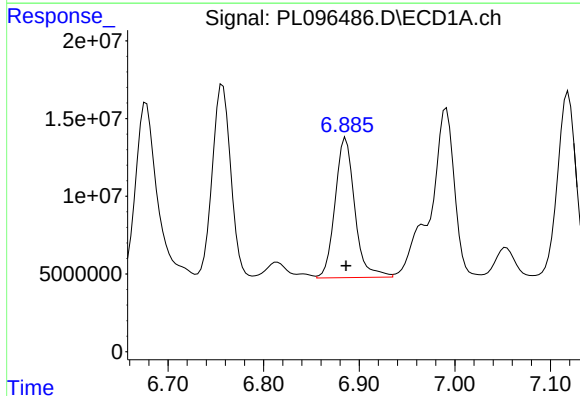
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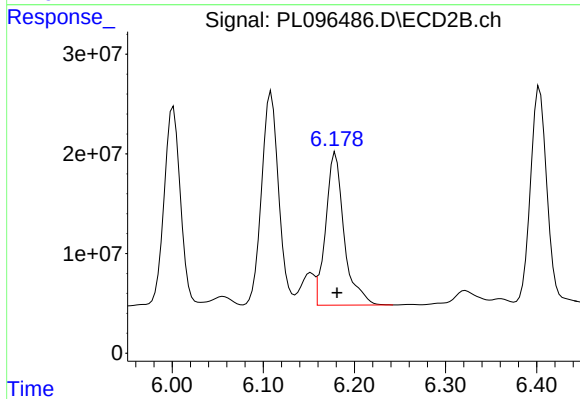
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 278186278
Conc: 48.51 ng/ml



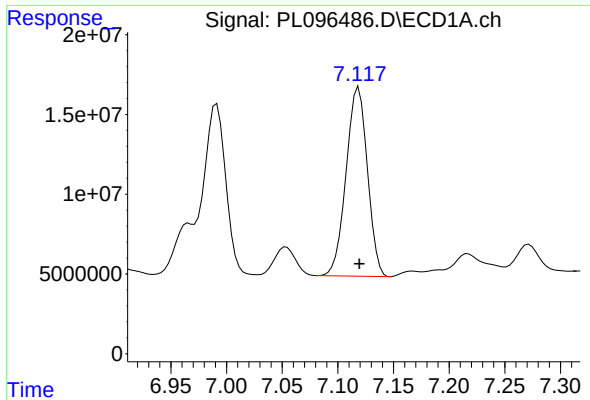
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 128660097
Conc: 57.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 215056220
Conc: 48.28 ng/ml



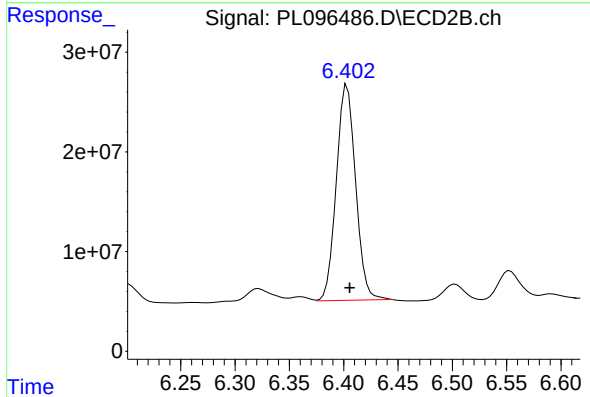
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 158031598
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

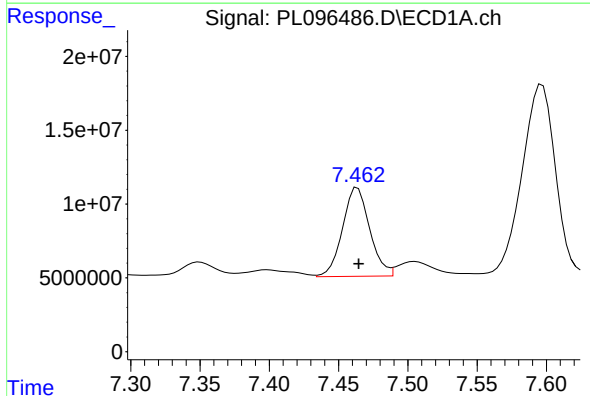
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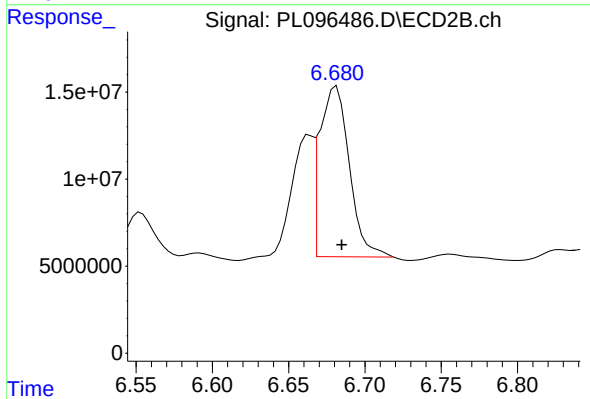
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 267851671
Conc: 47.62 ng/ml



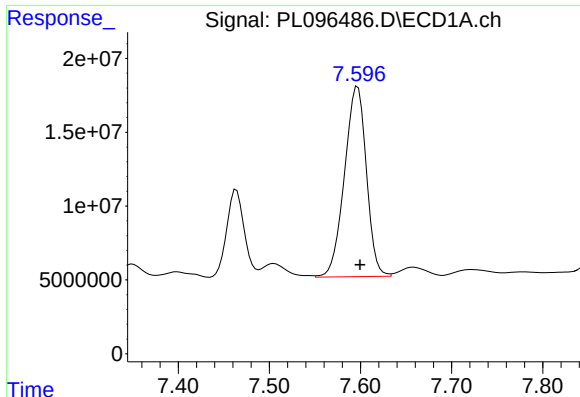
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 82126176
Conc: 52.13 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 126247912
Conc: 41.56 ng/ml m



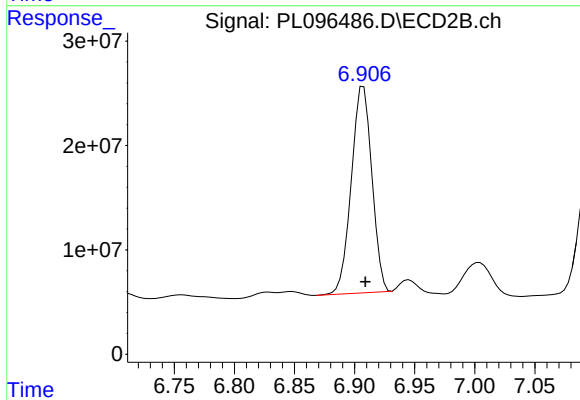
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 215112605
Conc: 65.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

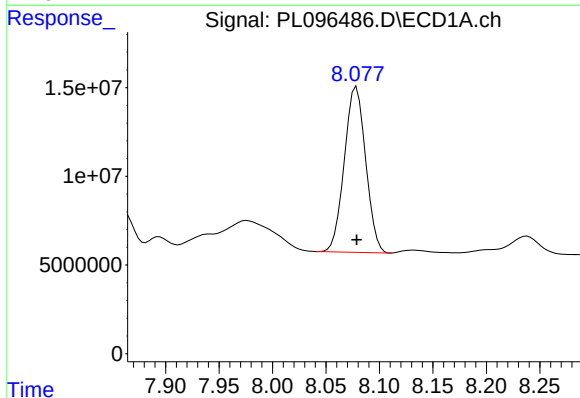
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APPROVED

Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



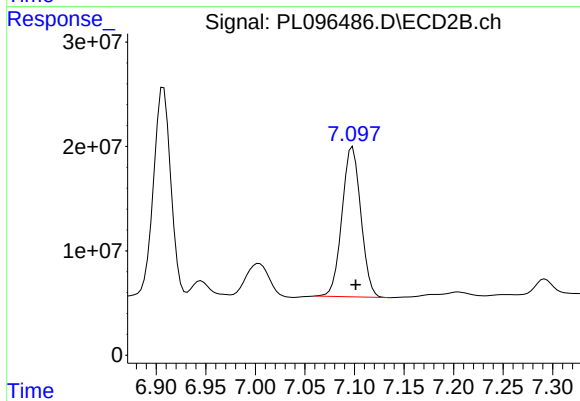
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 235926998
Conc: 37.73 ng/ml



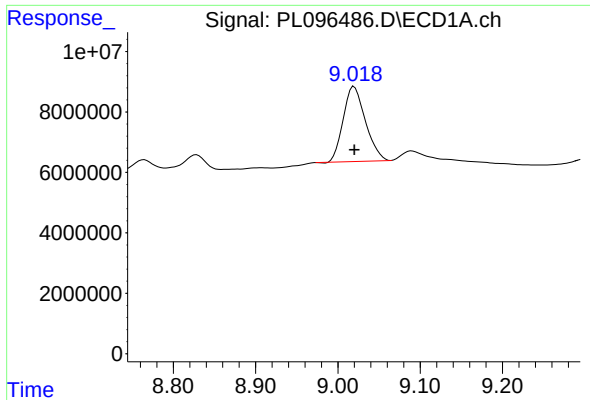
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 129796050
Conc: 46.65 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 190179361
Conc: 38.28 ng/ml



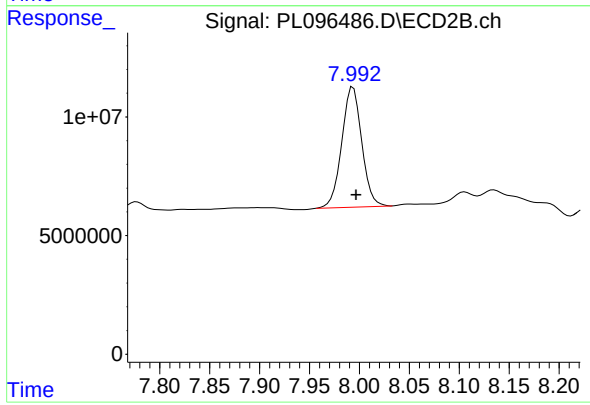
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 46546754
Conc: 16.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 70632540
Conc: 14.16 ng/ml