

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 19:03
 Operator : AR\AJ
 Sample : 05994-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-A-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:31:42 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...	3.419	2.677	46336462	19913230	12.312m	11.830
2)	SA Decachlor...	8.977	7.862	34708791	16358290	10.179	9.685m
Target Compounds							
2)	A alpha-BHC	3.877	3.180	201.5E6	85325143	37.223	34.719m
3)	MA gamma-BHC...	4.211	3.512	187.4E6	81431424	35.653	33.616
4)	MA Heptachlor	4.802	3.854	202.4E6	83154557	37.995m	34.788
5)	MB Aldrin	5.146	4.134	185.2E6	79119210	35.575	32.997
6)	B beta-BHC	4.410	3.812	84692204	34735850	36.874	33.368m
7)	B delta-BHC	4.655	4.042	182.3E6	79497512	34.856m	32.498
8)	B Heptachlo...	5.577	4.641	168.0E6	73573180	35.646	33.062
9)	A Endosulfan I	5.963	5.012	159.5E6	71735679	35.706	33.193
10)	B gamma-Chl...	5.834	4.895	173.4E6	74938024	35.772	32.762
11)	B alpha-Chl...	5.915	4.959	171.6E6	75819109	35.703	32.850
12)	B 4,4'-DDE	6.096	5.157	149.4E6	65049905	36.042	32.762
13)	MA Dieldrin	6.240	5.279	161.4E6	71763717	34.768	32.213
14)	MA Endrin	6.470	5.555	140.2E6	66883381	36.435	33.515
15)	B Endosulfa...	6.692	5.852	133.9E6	60736919	33.382	31.195
16)	A 4,4'-DDD	6.616	5.715	120.4E6	53560035	36.424	32.348
17)	MA 4,4'-DDT	6.932	5.968	137.0E6	62307785	36.426	33.783
18)	B Endrin al...	6.823	6.034	105.6E6	47991093	36.443	32.700
19)	B Endosulfa...	7.060	6.258	136.5E6	61819605	34.757	32.816m
20)	A Methoxychlor	7.417	6.553	72150809	34122859	37.002	33.408
21)	B Endrin ke...	7.544	6.763	143.2E6	70918671	35.210m	33.316m
22)	Mirex	8.023	6.946	114.3E6	57375839	33.951	32.249

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

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 Acq On : 25 Dec 2023 19:03
 Operator : AR\AJ
 Sample : 05994-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

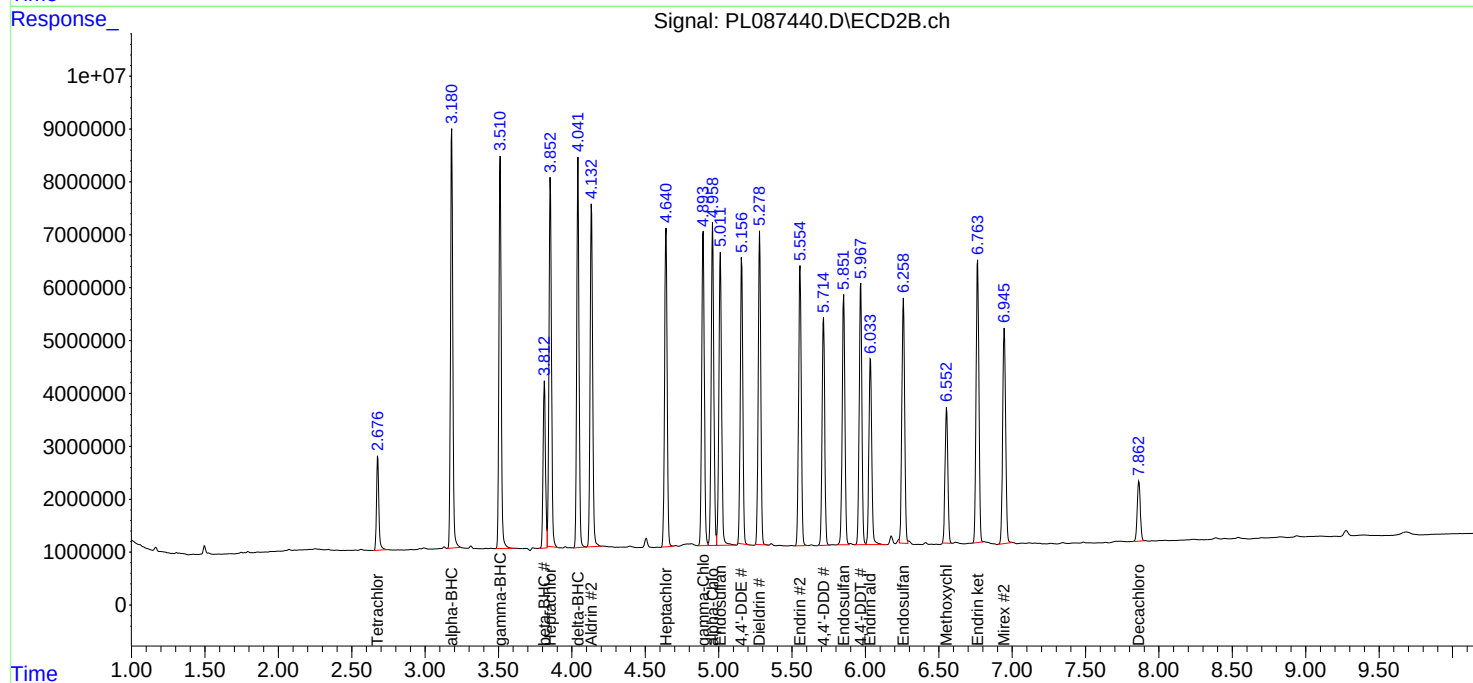
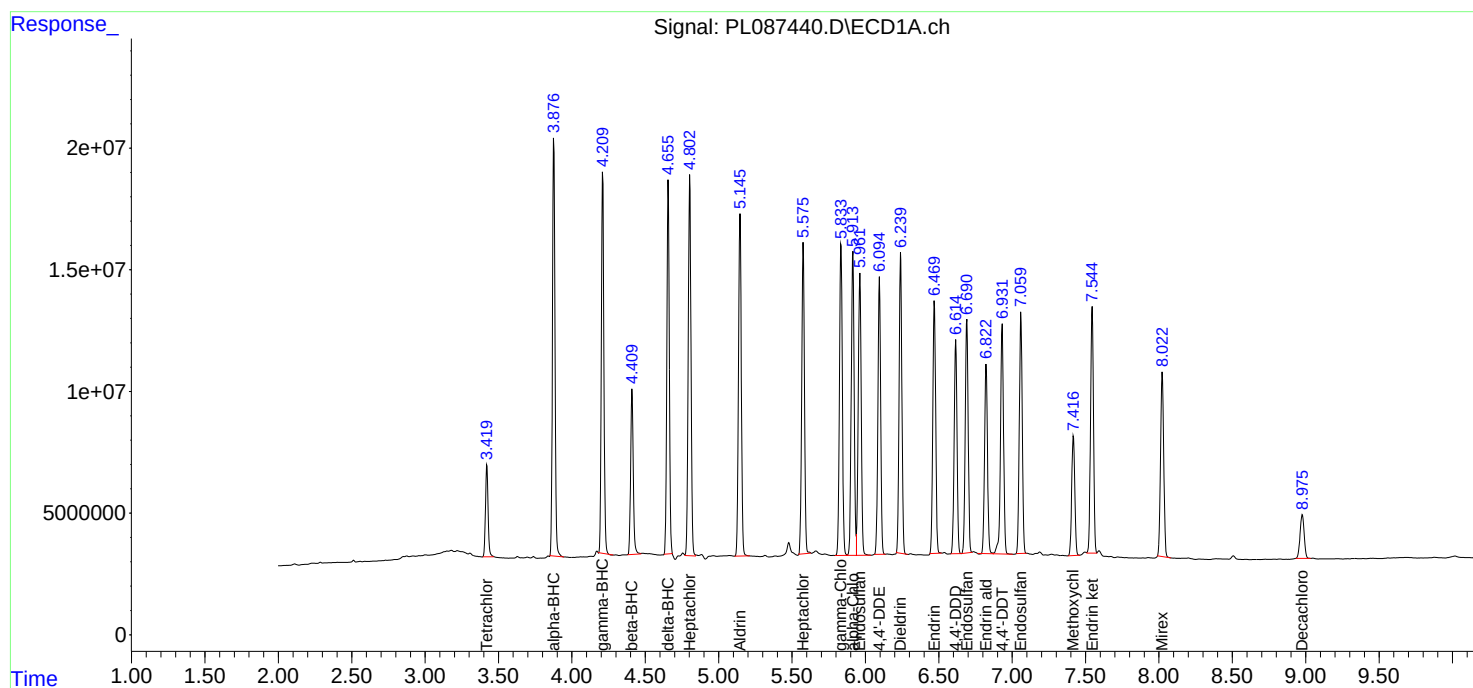
Instrument :
 ECD_L
 ClientSampleId :
 WC-A-COMPMSD

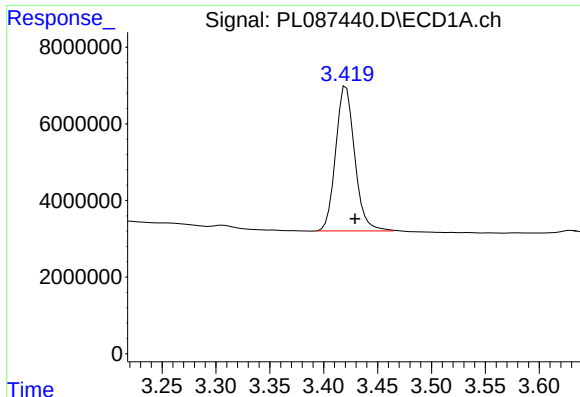
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:31:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
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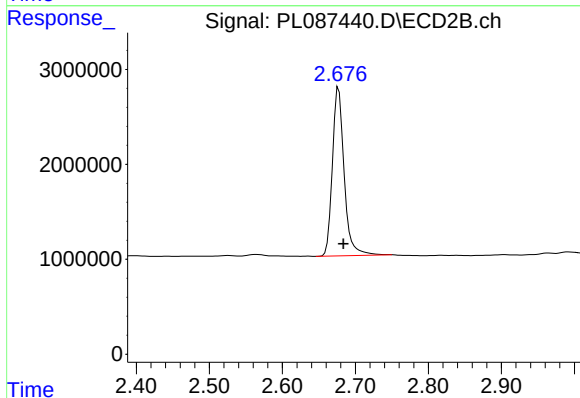
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: -0.010 min
Response: 46336462
Conc: 12.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

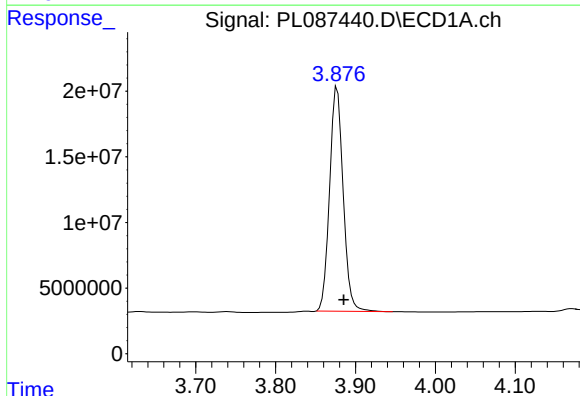
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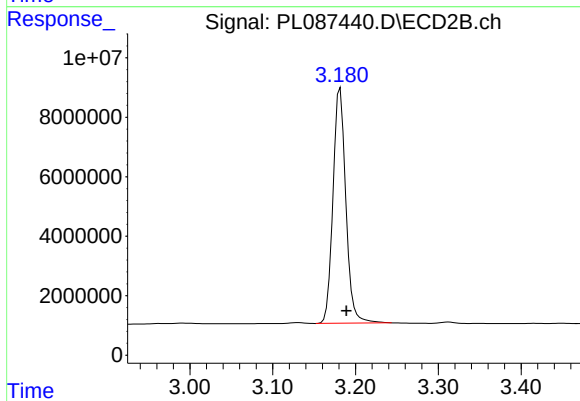
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 19913230
Conc: 11.83 ng/ml



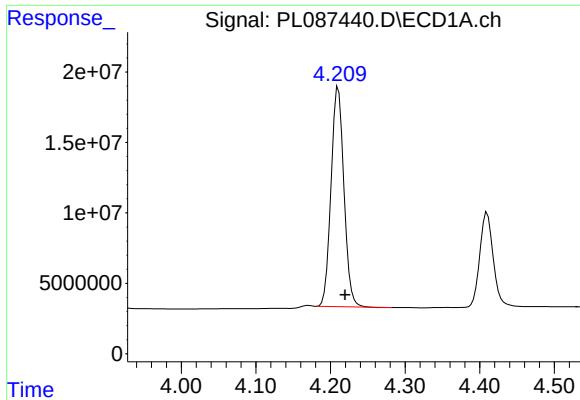
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 201529885
Conc: 37.22 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 85325143
Conc: 34.72 ng/ml m



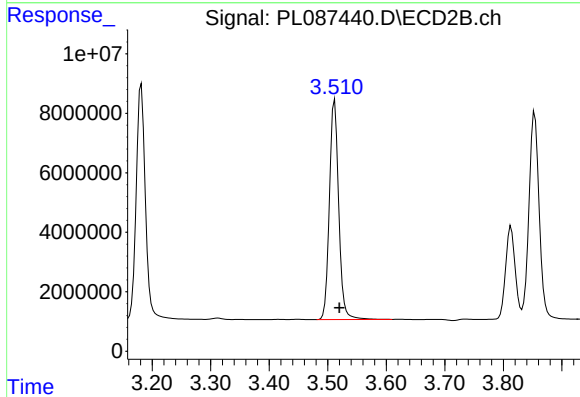
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 187383440
Conc: 35.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

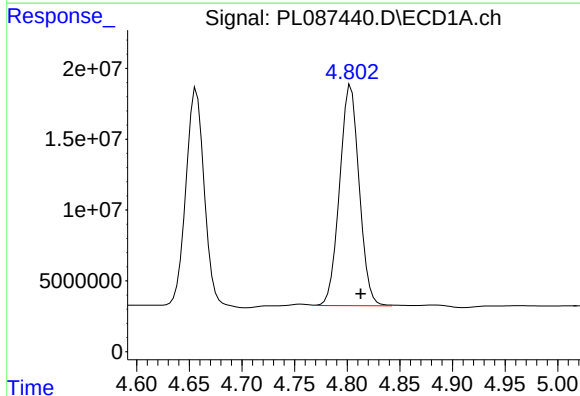
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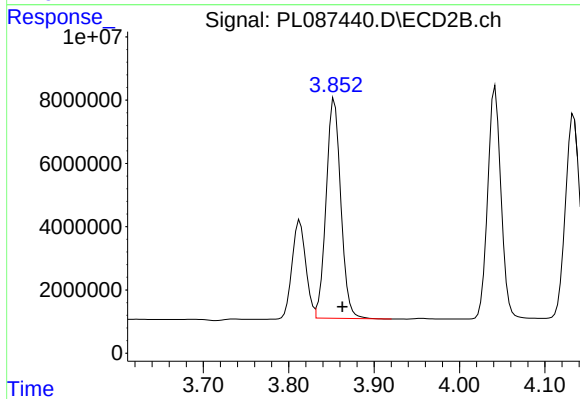
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 81431424
Conc: 33.62 ng/ml



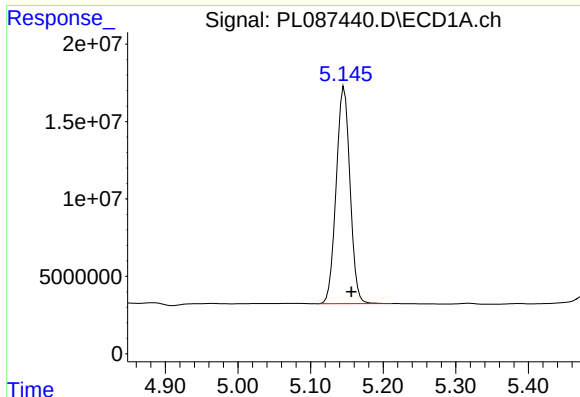
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.011 min
Response: 202382923
Conc: 37.99 ng/ml m



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 83154557
Conc: 34.79 ng/ml



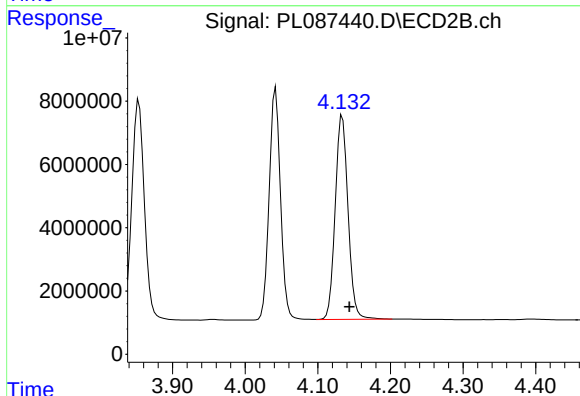
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.010 min
Response: 185218042
Conc: 35.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

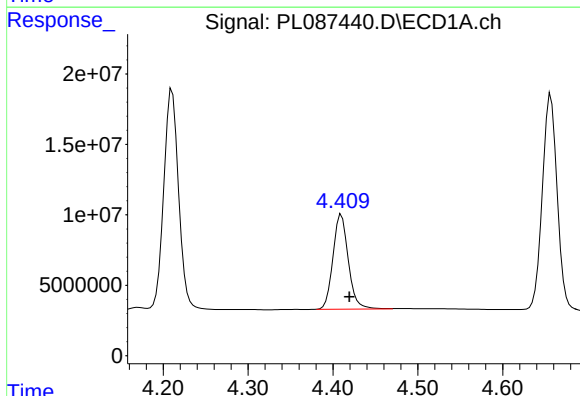
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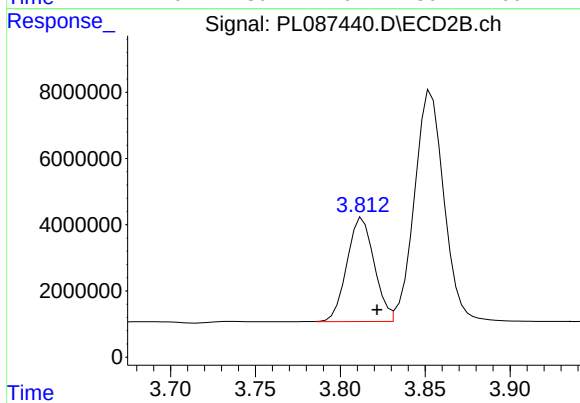
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 79119210
Conc: 33.00 ng/ml



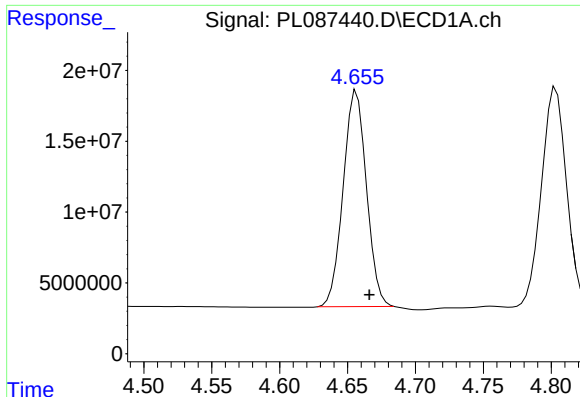
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.010 min
Response: 84692204
Conc: 36.87 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.010 min
Response: 34735850
Conc: 33.37 ng/ml m



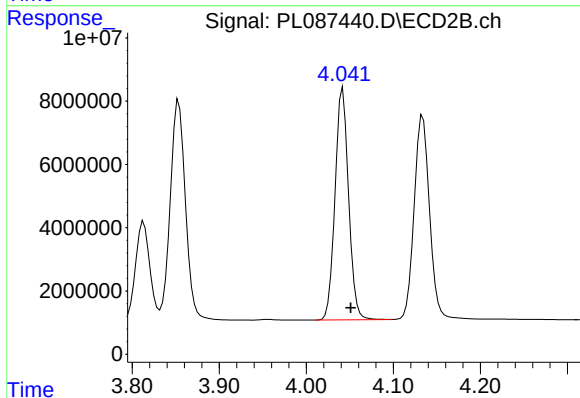
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.011 min
Response: 182275121
Conc: 34.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

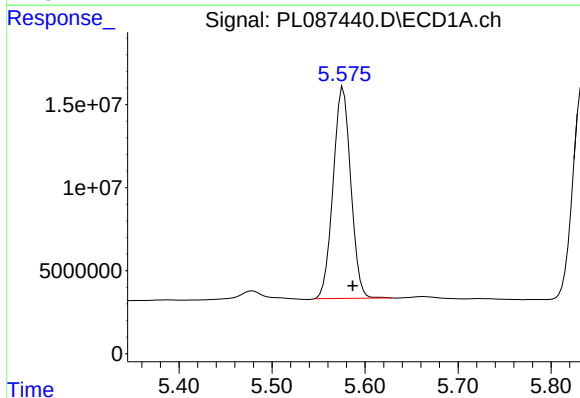
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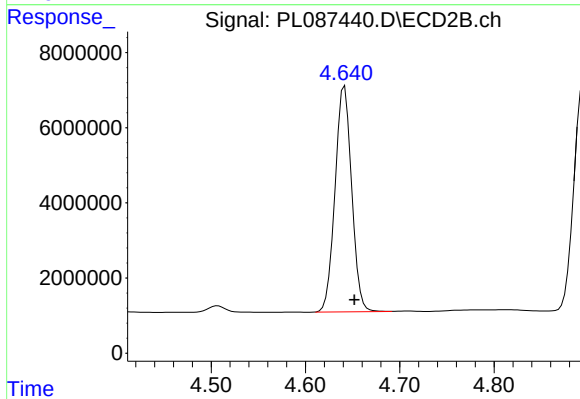
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 79497512
Conc: 32.50 ng/ml



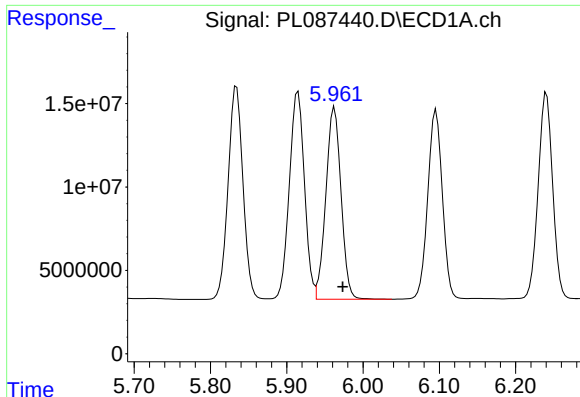
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 167991170
Conc: 35.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 73573180
Conc: 33.06 ng/ml



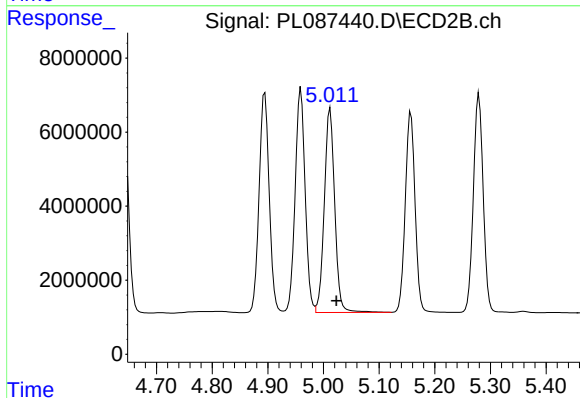
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.011 min
Response: 159475230
Conc: 35.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

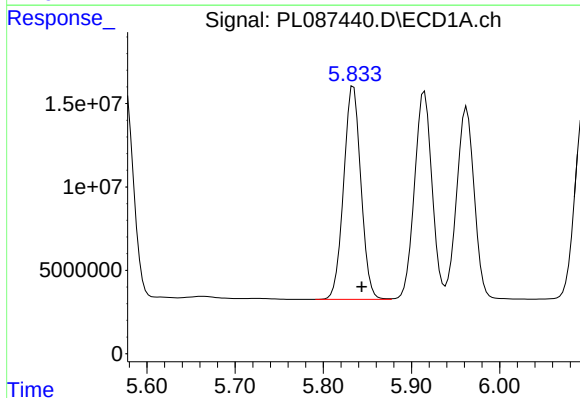
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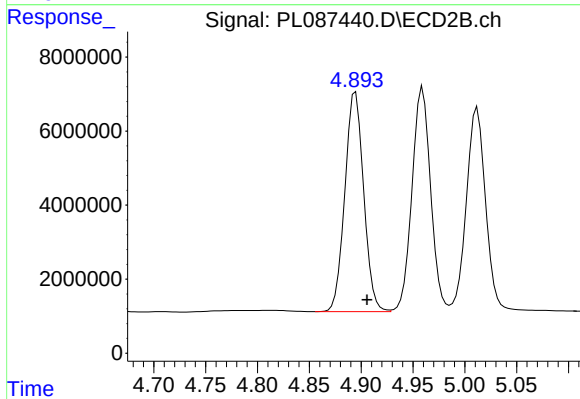
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 71735679
Conc: 33.19 ng/ml



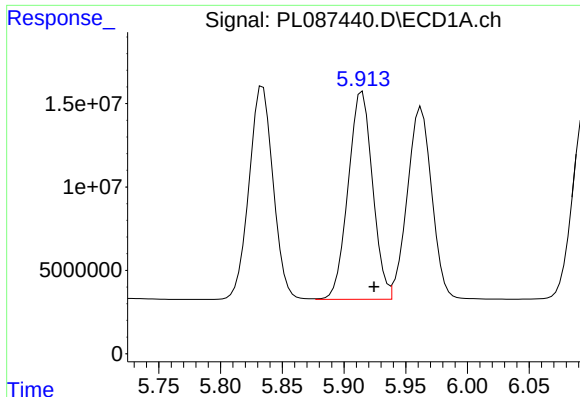
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 173424215
Conc: 35.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 74938024
Conc: 32.76 ng/ml



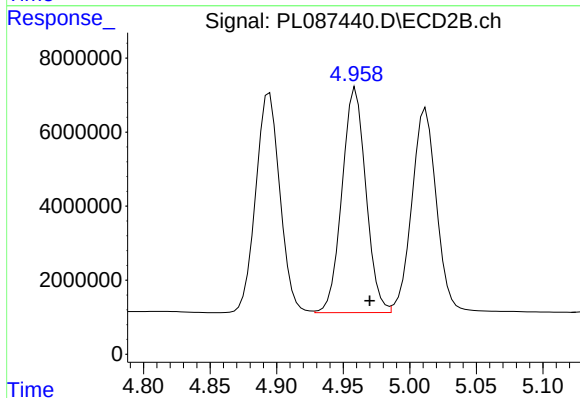
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 171595486
Conc: 35.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

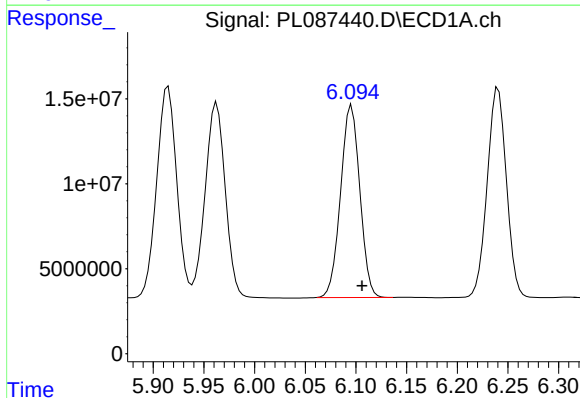
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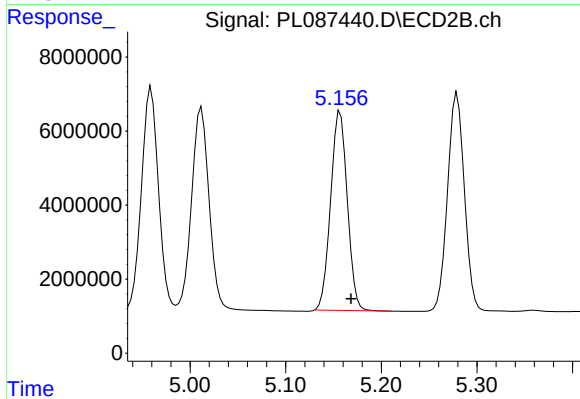
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 75819109
Conc: 32.85 ng/ml



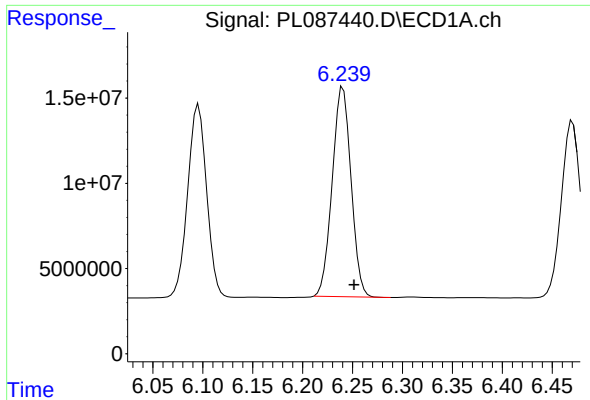
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 149360729
Conc: 36.04 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 65049905
Conc: 32.76 ng/ml



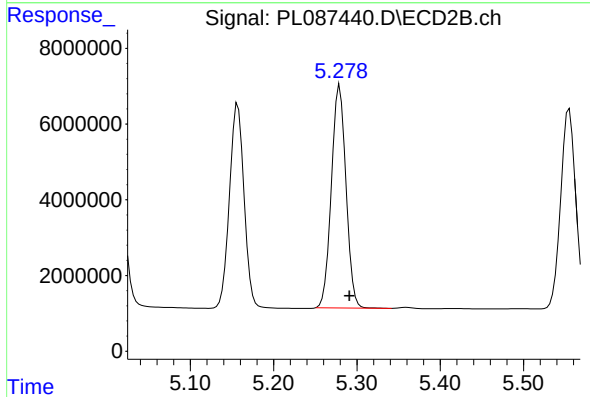
#13 Dieldrin

R.T.: 6.240 min
Delta R.T.: -0.011 min
Response: 161355839
Conc: 34.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

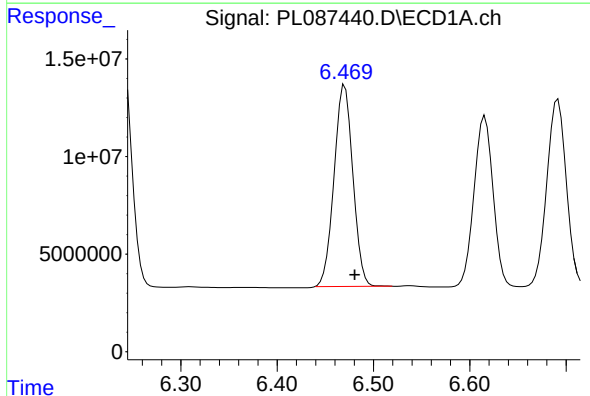
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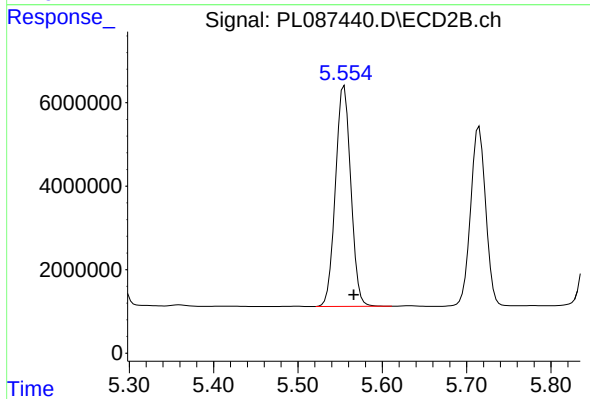
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: -0.011 min
Response: 71763717
Conc: 32.21 ng/ml



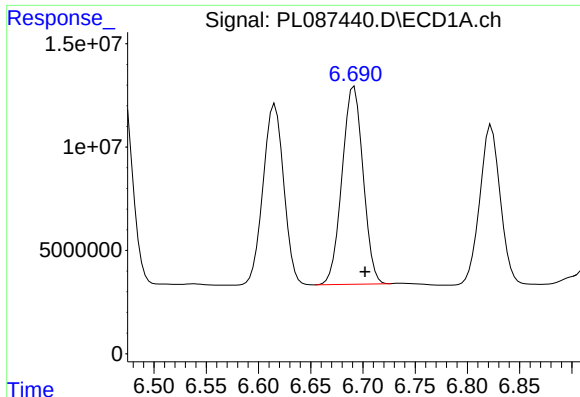
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.010 min
Response: 140177669
Conc: 36.43 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 66883381
Conc: 33.51 ng/ml



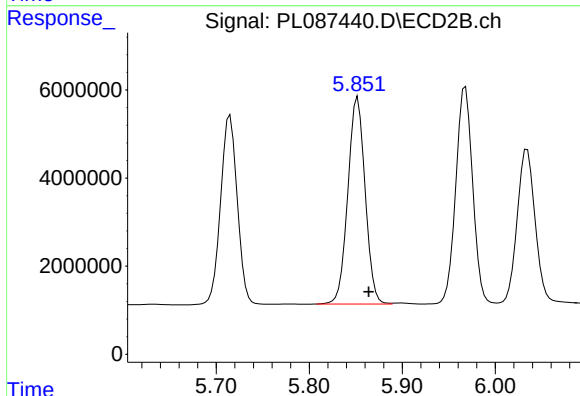
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: -0.010 min
Response: 133876692
Conc: 33.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

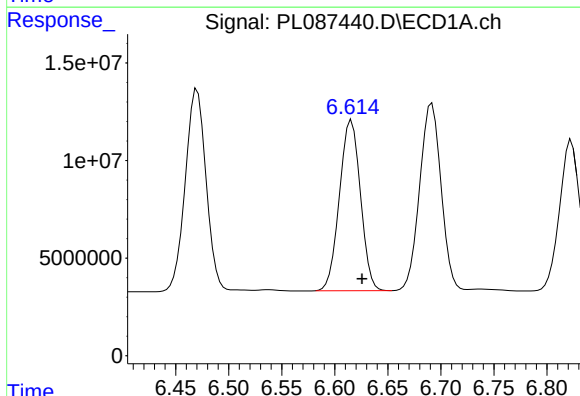
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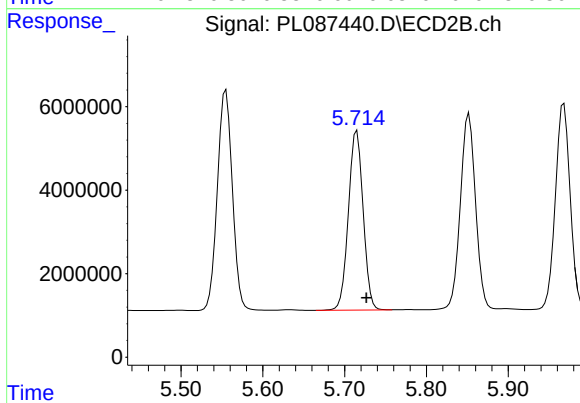
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: -0.012 min
Response: 60736919
Conc: 31.19 ng/ml



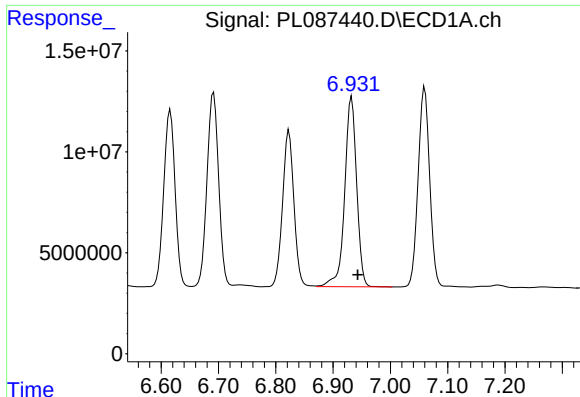
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.010 min
Response: 120384891
Conc: 36.42 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.012 min
Response: 53560035
Conc: 32.35 ng/ml



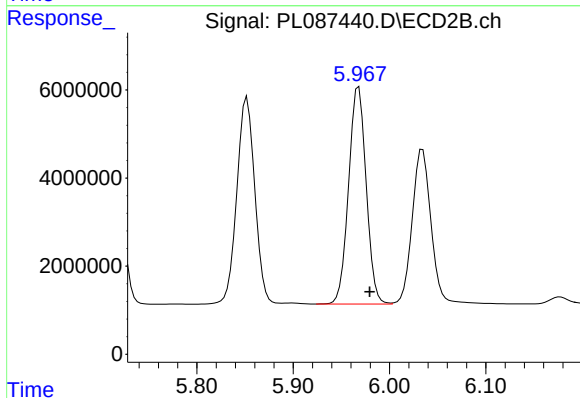
#17 4,4'-DDT

R.T.: 6.932 min
Delta R.T.: -0.011 min
Response: 136969690
Conc: 36.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

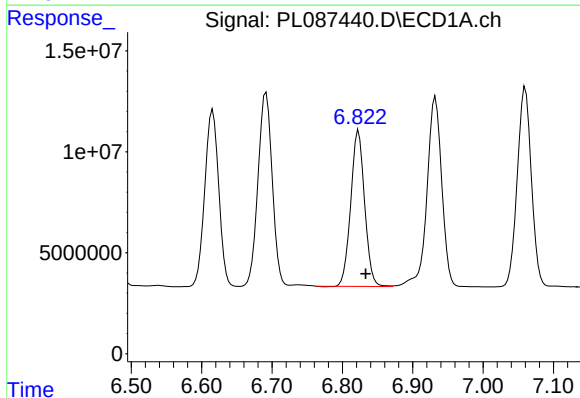
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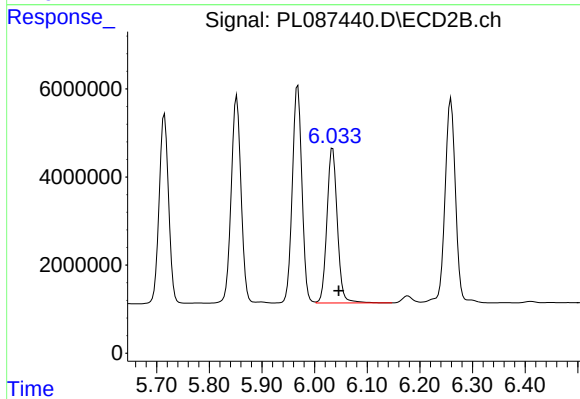
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.012 min
Response: 62307785
Conc: 33.78 ng/ml



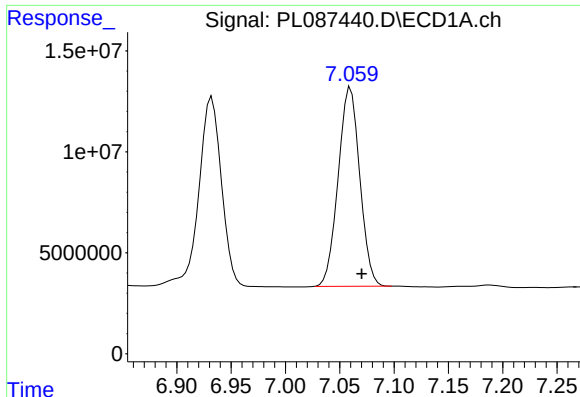
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.011 min
Response: 105624718
Conc: 36.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.011 min
Response: 47991093
Conc: 32.70 ng/ml



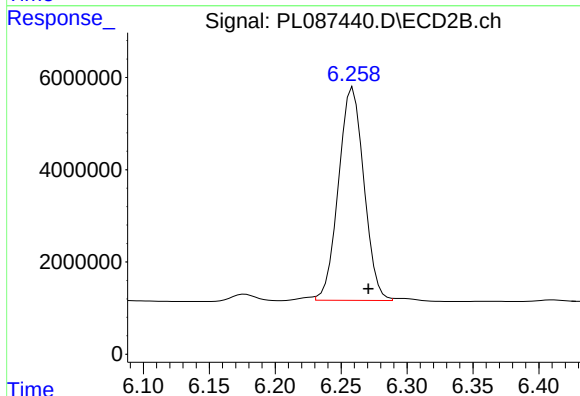
#19 Endosulfan Sulfate

R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 136485871
Conc: 34.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

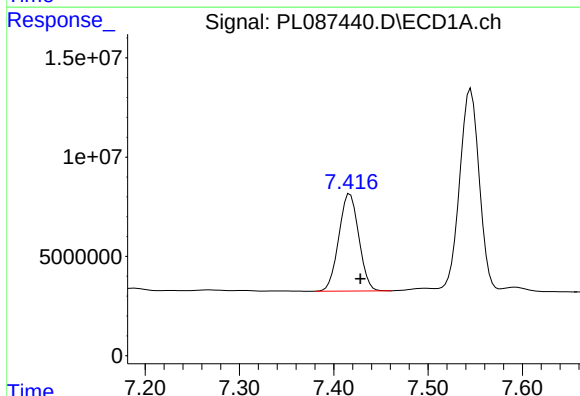
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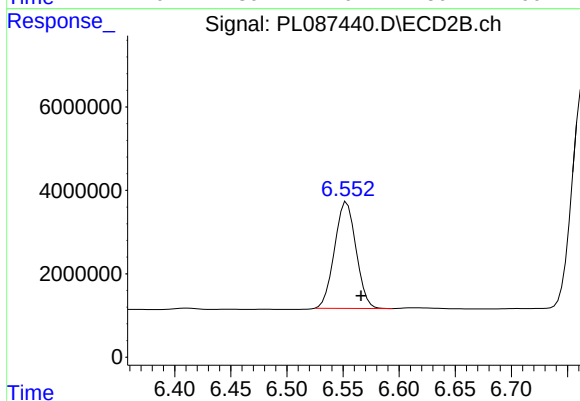
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.013 min
Response: 61819605
Conc: 32.82 ng/ml m



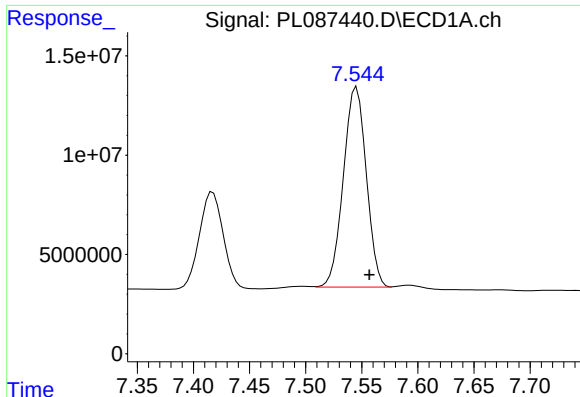
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.011 min
Response: 72150809
Conc: 37.00 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: -0.013 min
Response: 34122859
Conc: 33.41 ng/ml



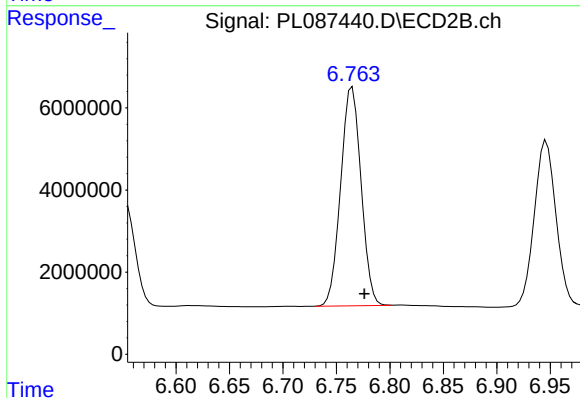
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.013 min
Response: 143244480
Conc: 35.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

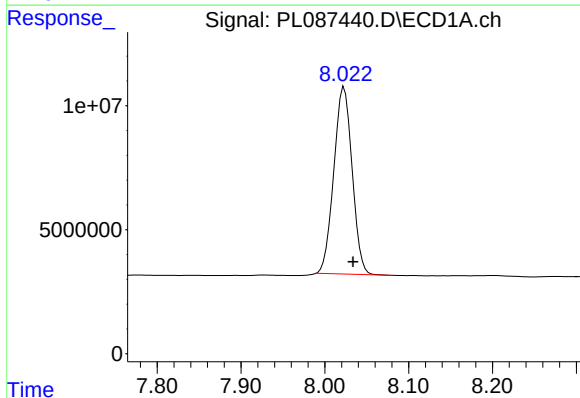
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



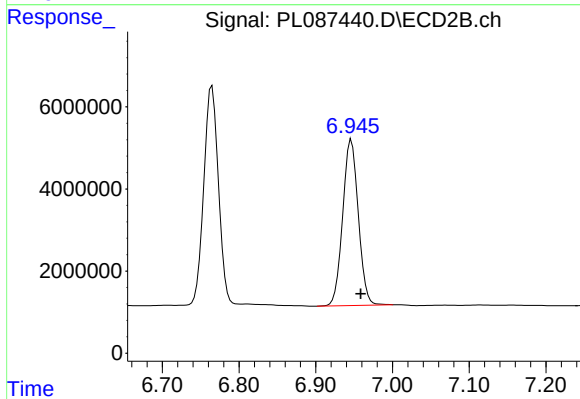
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.013 min
Response: 70918671
Conc: 33.32 ng/ml m



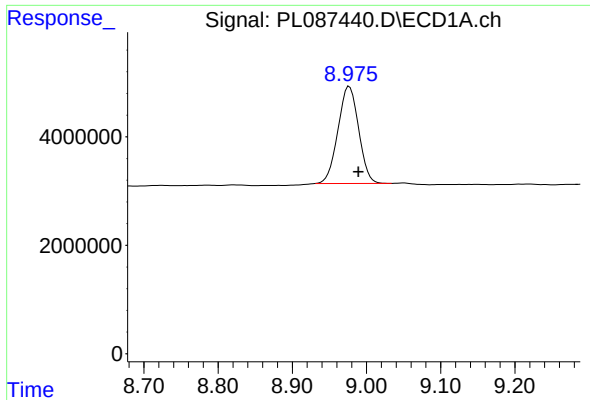
#22 Mirex

R.T.: 8.023 min
Delta R.T.: -0.010 min
Response: 114345785
Conc: 33.95 ng/ml



#22 Mirex

R.T.: 6.946 min
Delta R.T.: -0.012 min
Response: 57375839
Conc: 32.25 ng/ml



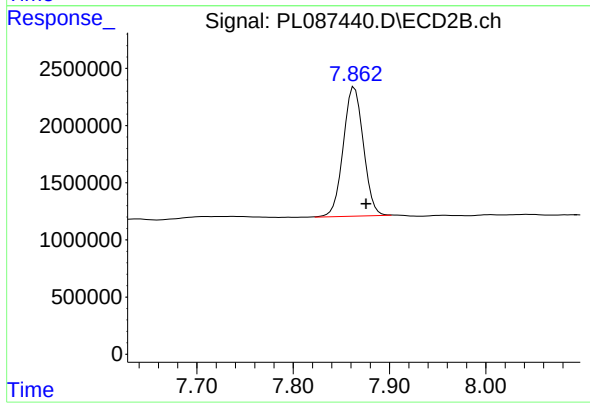
#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.012 min
Response: 34708791
Conc: 10.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A-COMPMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.014 min
Response: 16358290
Conc: 9.69 ng/ml m