

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 14:17
 Operator : AR\AJ
 Sample : PB158043BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158043BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/28/2023
 Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 20:30:41 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...	3.427	2.678	52366868	22689999	13.915	13.480
28)	SA Decachlor...	8.986	7.867	56427074	26529074	16.548	15.707
Target Compounds							
2)	A alpha-BHC	3.884	3.181	312.2E6	134.3E6	57.665	54.632m
3)	MA gamma-BHC...	4.217	3.513	288.9E6	126.7E6	54.970	52.286
4)	MA Heptachlor	4.810	3.854	289.9E6	125.1E6	54.420	52.346
5)	MB Aldrin	5.153	4.135	272.6E6	122.8E6	52.350	51.225
6)	B beta-BHC	4.416	3.814	121.7E6	52547489	52.981	50.478
7)	B delta-BHC	4.662	4.043	280.8E6	127.9E6	53.689m	52.295
8)	B Heptachlo...	5.584	4.642	249.0E6	112.0E6	52.838	50.319
9)	A Endosulfan I	5.969	5.014	234.0E6	105.3E6	52.383	48.722
10)	B gamma-Chl...	5.841	4.896	257.2E6	118.1E6	53.060	51.652
11)	B alpha-Chl...	5.921	4.961	251.6E6	116.0E6	52.340	50.274
12)	B 4,4'-DDE	6.102	5.159	220.3E6	100.6E6	53.163	50.646
13)	MA Dieldrin	6.247	5.281	241.8E6	110.0E6	52.096	49.364
14)	MA Endrin	6.478	5.556	201.1E6	99004483	52.257	49.610
15)	B Endosulfa...	6.699	5.854	196.3E6	91204264	48.953	46.843
16)	A 4,4'-DDD	6.622	5.717	179.5E6	84486686	54.320	51.026
17)	MA 4,4'-DDT	6.940	5.970	192.8E6	87070942	51.279	47.210
18)	B Endrin al...	6.829	6.037	148.1E6	69608229	51.102	47.429
19)	B Endosulfa...	7.066	6.262	204.2E6	93263469	52.007	49.508
20)	A Methoxychlor	7.425	6.556	95025331	46456319	48.733	45.483
21)	B Endrin ke...	7.553	6.766	209.8E6	107.7E6	51.572	50.578m
22)	Mirex	8.030	6.949	154.9E6	77657740	45.988	43.649

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
Data File : PL087486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2023 14:17
Operator : AR\AJ
Sample : PB158043BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB158043BS

Manual Integrations

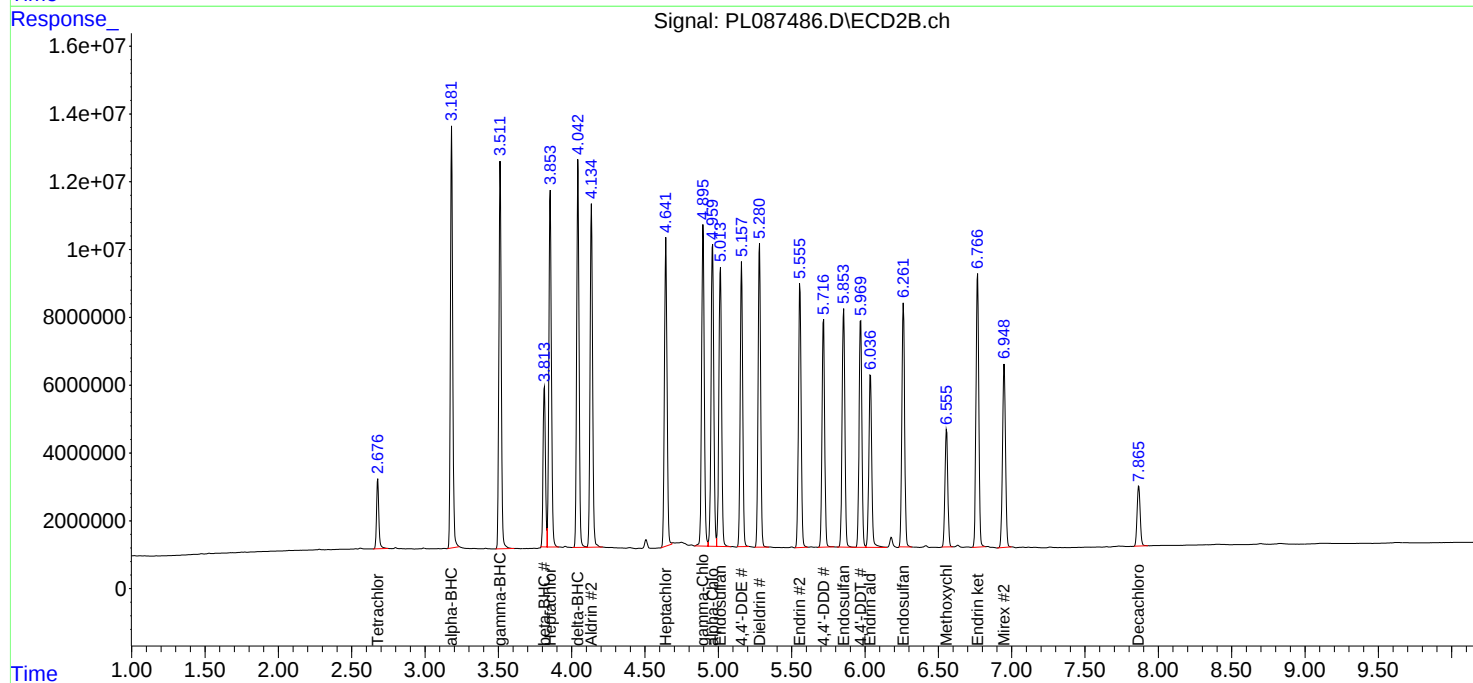
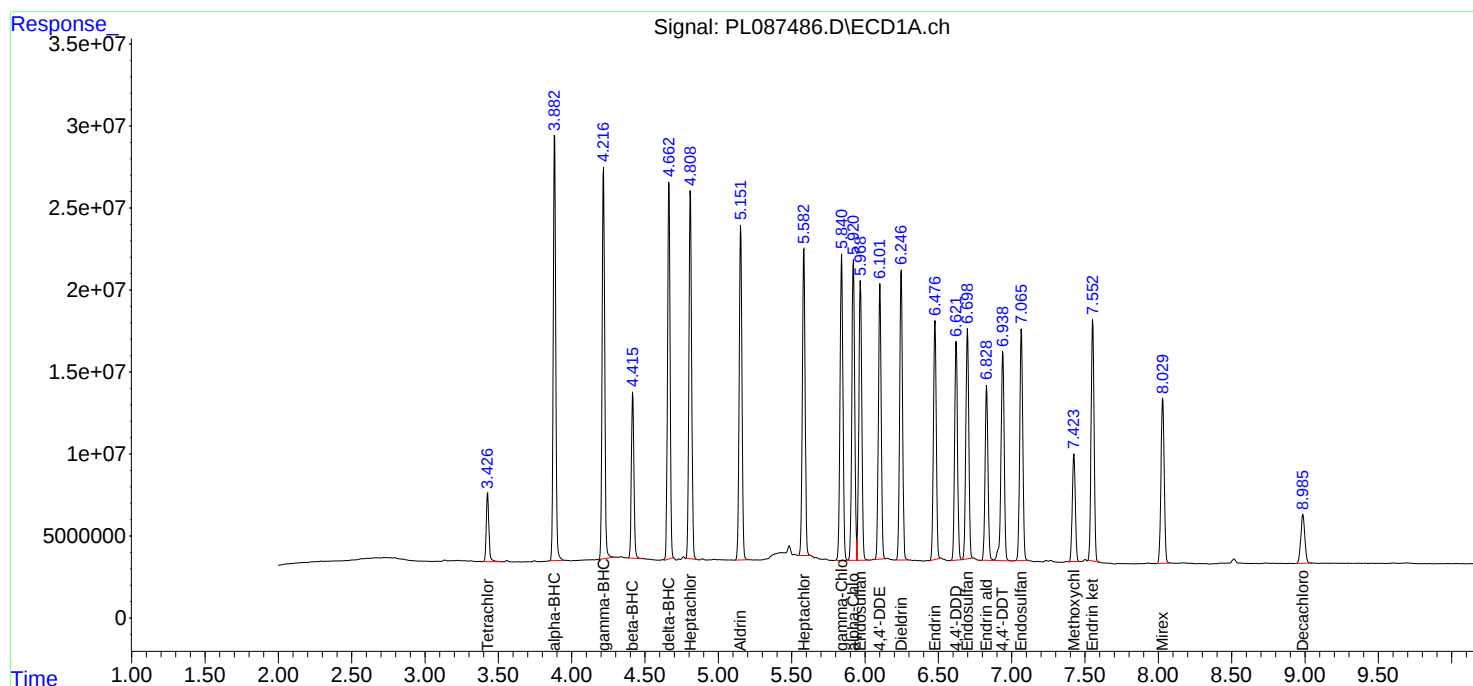
APPROVED

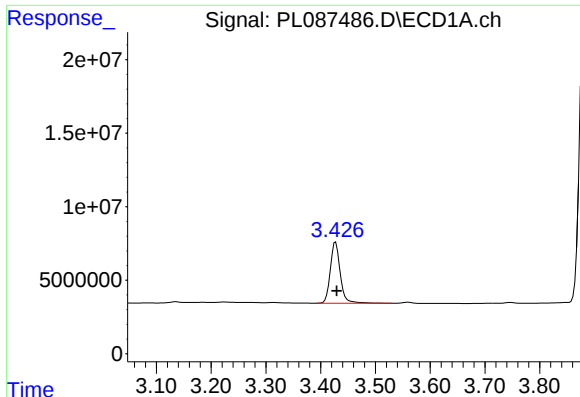
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 20:30:41 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





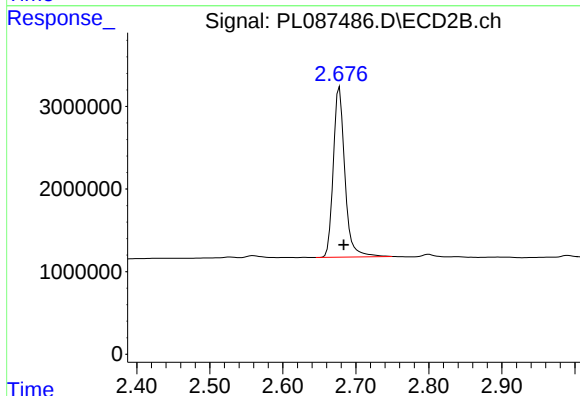
#1 Tetrachloro-m-xylene

R.T.: 3.427 min
Delta R.T.: -0.002 min
Response: 52366868
Conc: 13.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

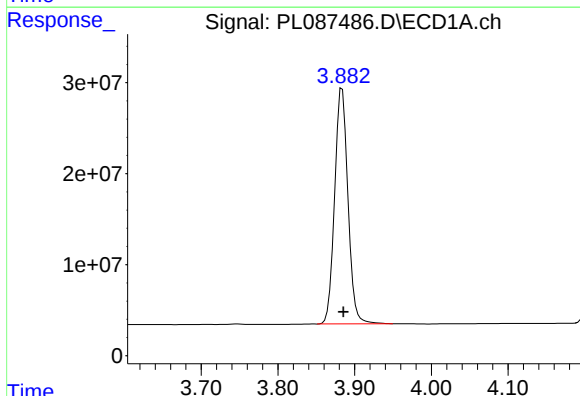
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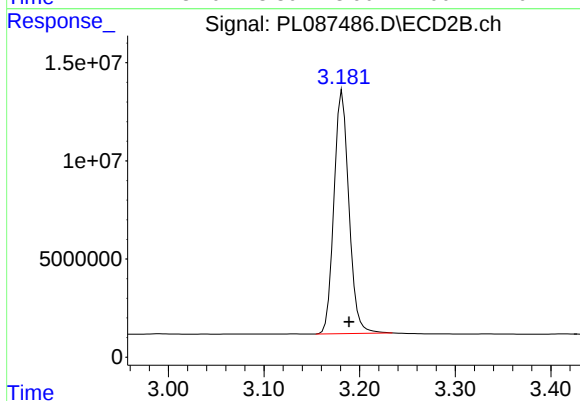
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.006 min
Response: 22689999
Conc: 13.48 ng/ml



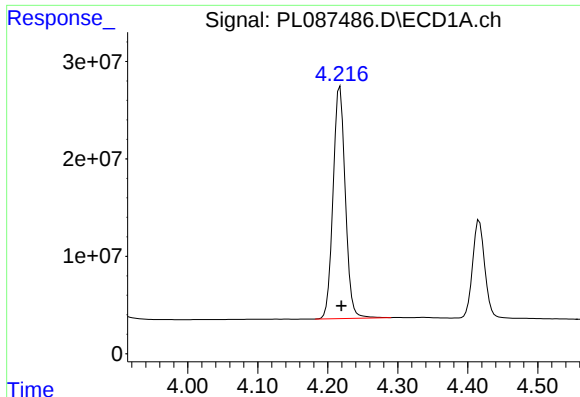
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: -0.002 min
Response: 312206967
Conc: 57.67 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 134262919
Conc: 54.63 ng/ml m



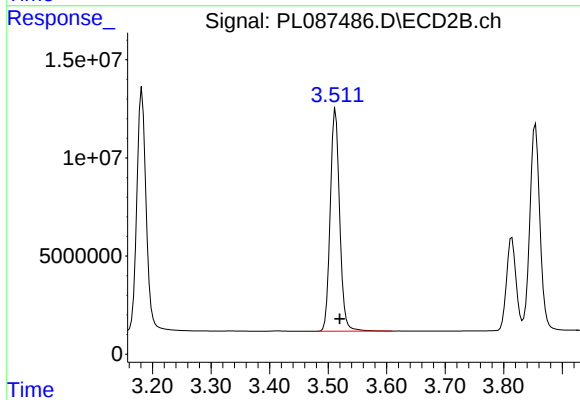
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.002 min
Response: 288902530
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

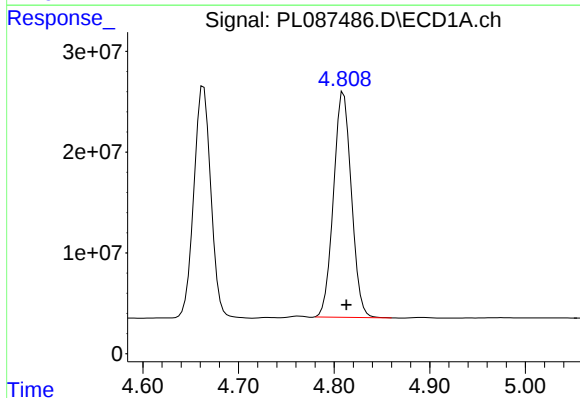
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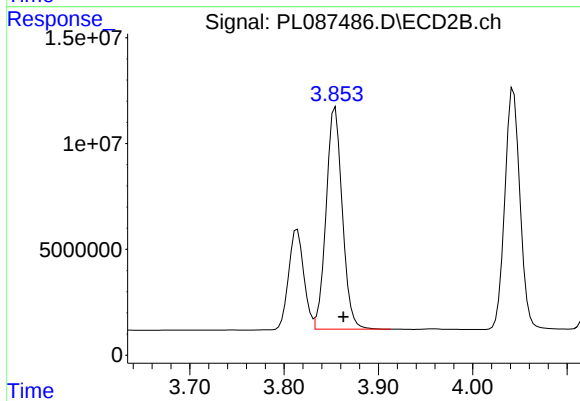
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 126658024
Conc: 52.29 ng/ml



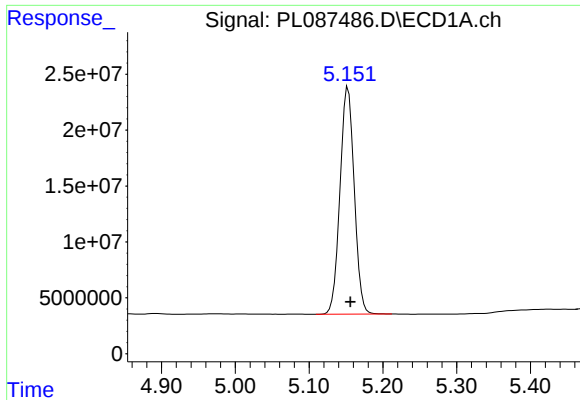
#4 Heptachlor

R.T.: 4.810 min
Delta R.T.: -0.003 min
Response: 289872984
Conc: 54.42 ng/ml



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 125122282
Conc: 52.35 ng/ml



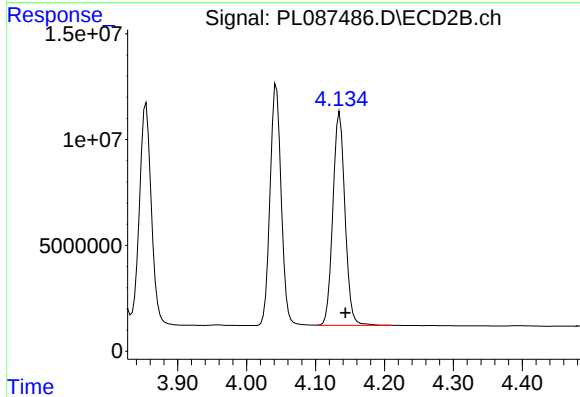
#5 Aldrin

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 272556184
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

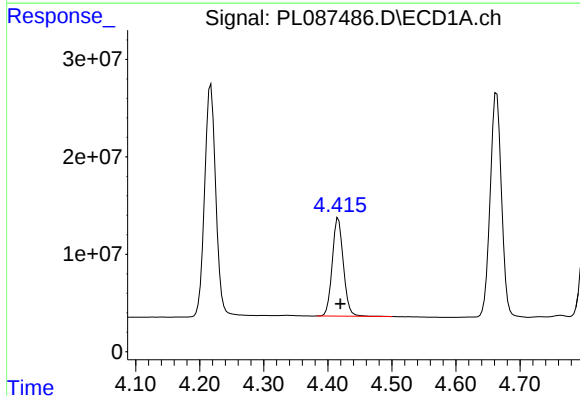
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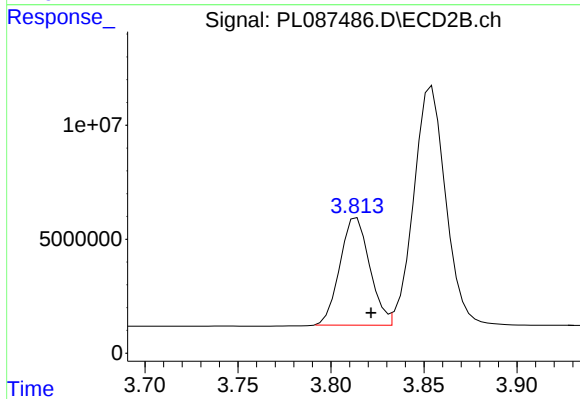
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.008 min
Response: 122825879
Conc: 51.23 ng/ml



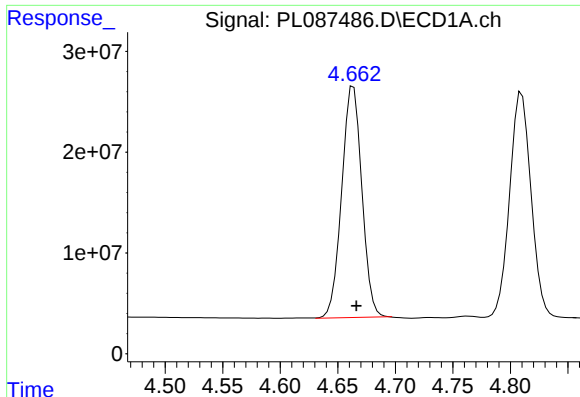
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 121686420
Conc: 52.98 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 52547489
Conc: 50.48 ng/ml



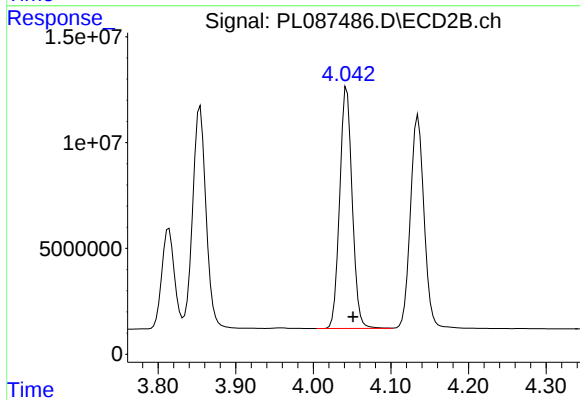
#7 delta-BHC

R.T.: 4.662 min
Delta R.T.: -0.004 min
Response: 280762967
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

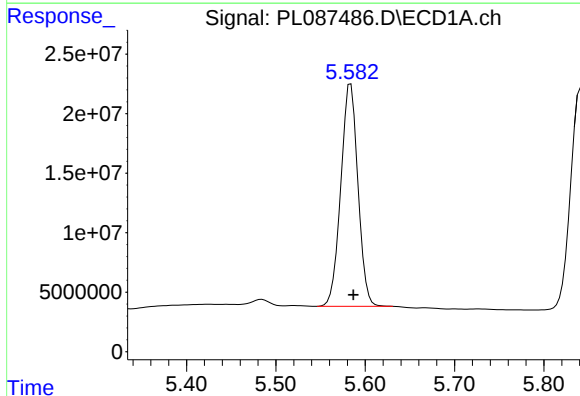
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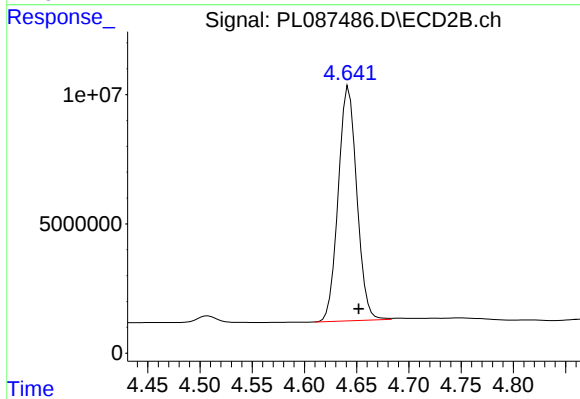
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 127924058
Conc: 52.29 ng/ml



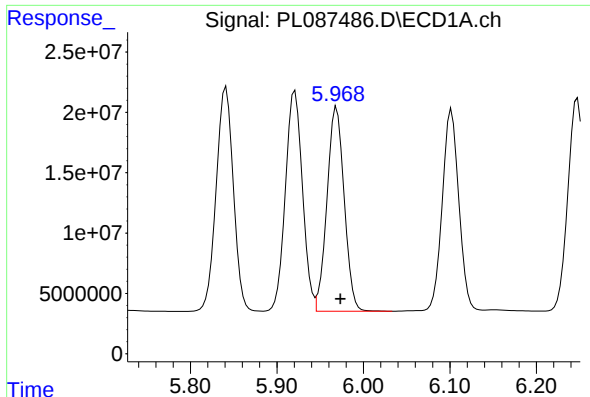
#8 Heptachlor epoxide

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 249014237
Conc: 52.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.010 min
Response: 111974190
Conc: 50.32 ng/ml



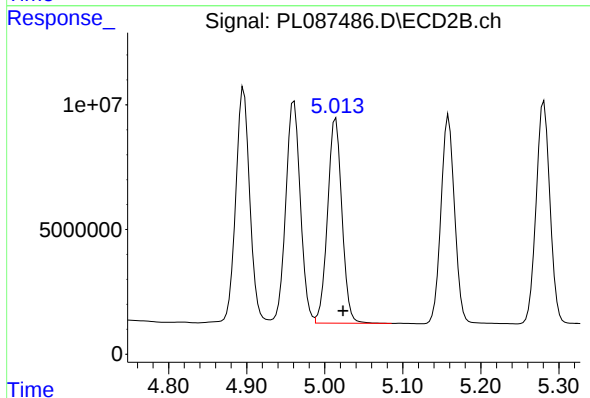
#9 Endosulfan I

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 233960573
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

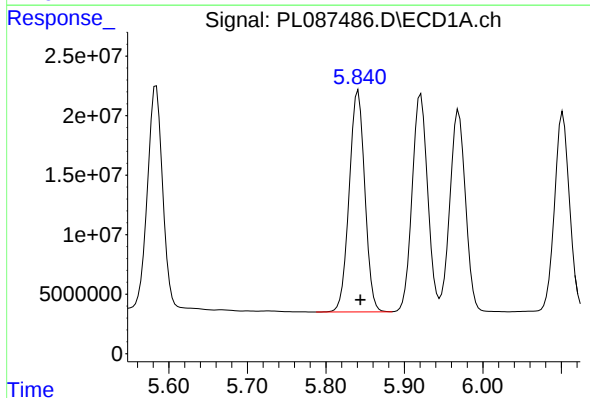
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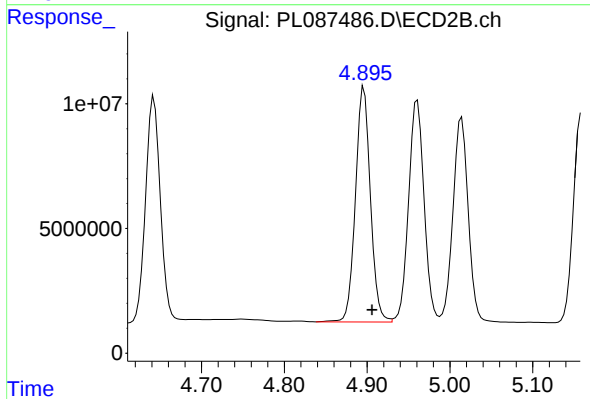
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 105296331
Conc: 48.72 ng/ml



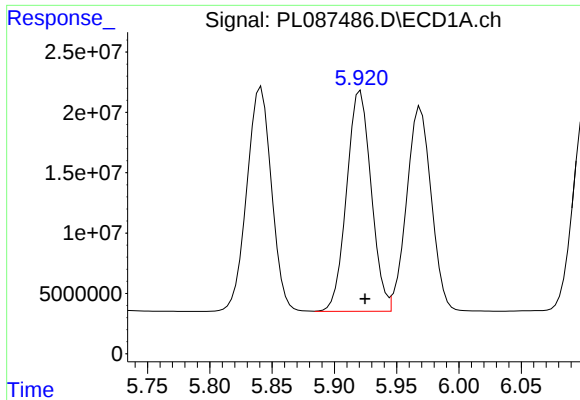
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 257235551
Conc: 53.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.010 min
Response: 118146848
Conc: 51.65 ng/ml



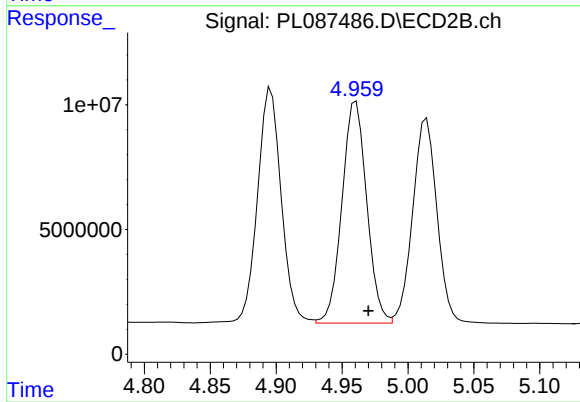
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 251551461
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

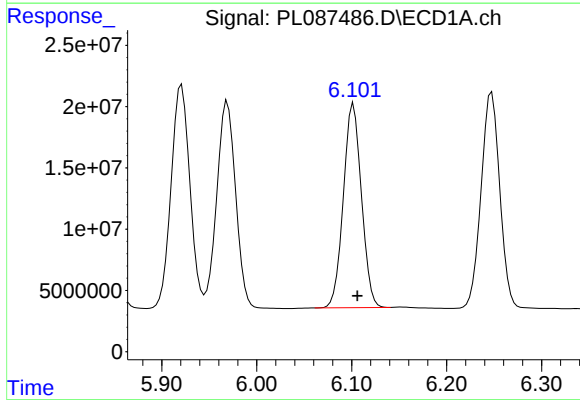
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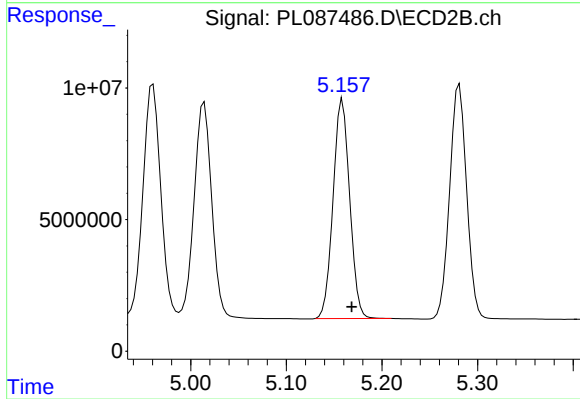
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 116033337
Conc: 50.27 ng/ml



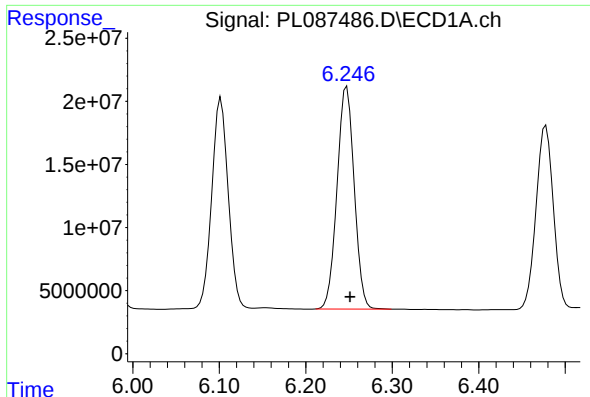
#12 4,4'-DDE

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 220308347
Conc: 53.16 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.010 min
Response: 100557815
Conc: 50.65 ng/ml



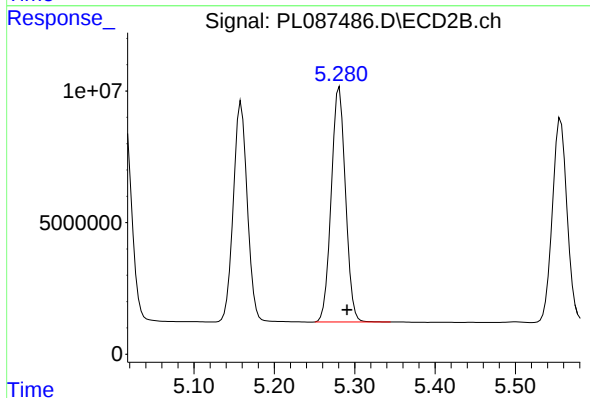
#13 Dieldrin

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 241773302
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

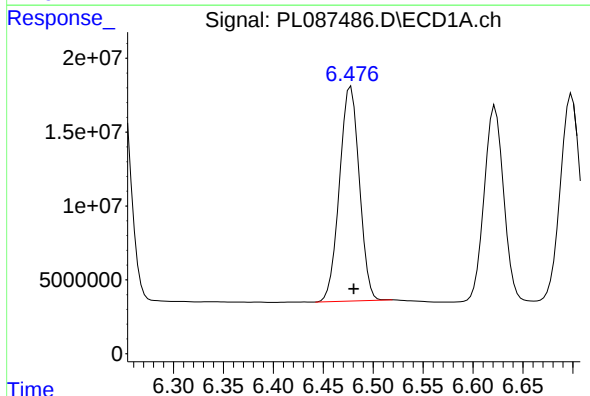
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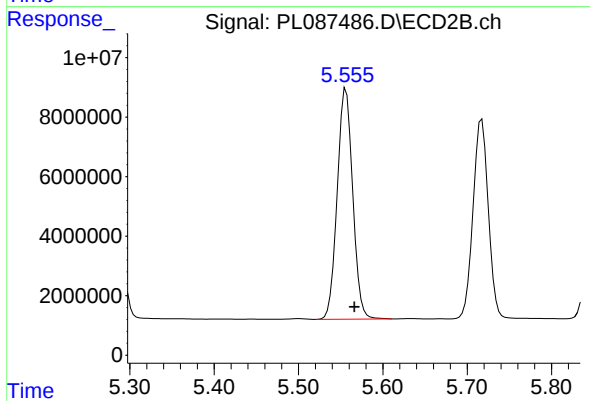
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.010 min
Response: 109971796
Conc: 49.36 ng/ml



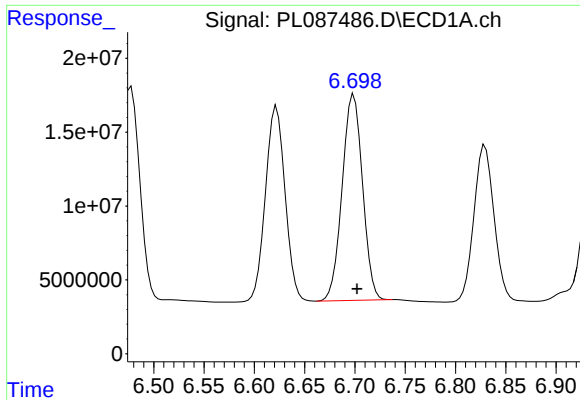
#14 Endrin

R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 201050632
Conc: 52.26 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 99004483
Conc: 49.61 ng/ml



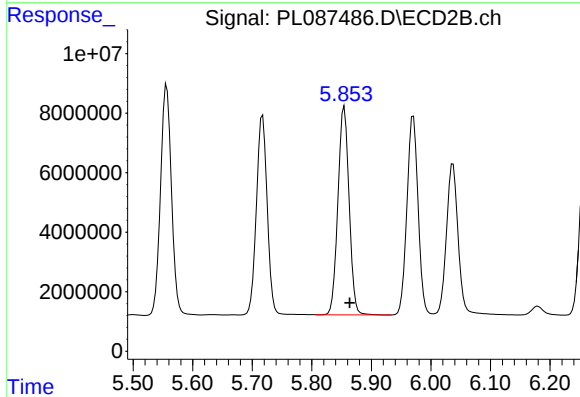
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 196320052
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

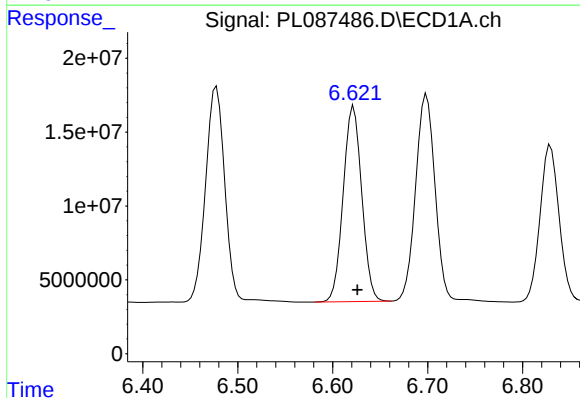
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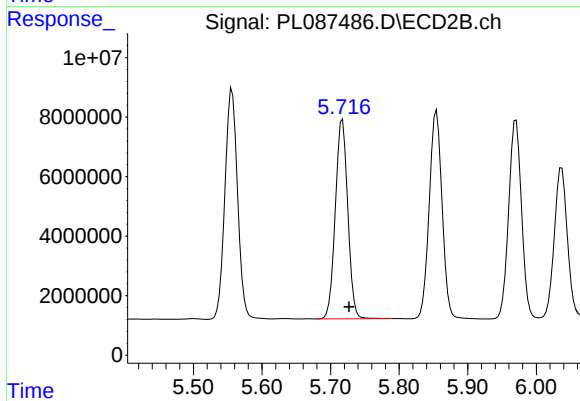
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.009 min
Response: 91204264
Conc: 46.84 ng/ml



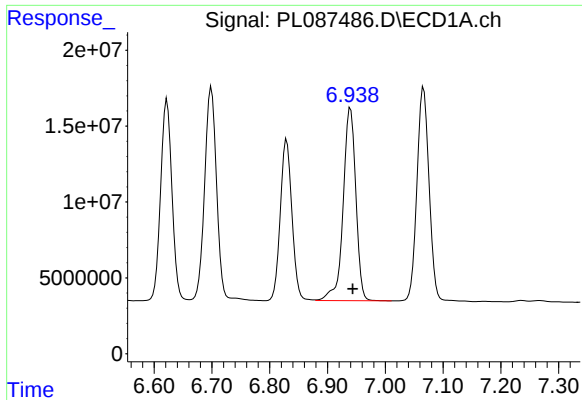
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 179535071
Conc: 54.32 ng/ml



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.009 min
Response: 84486686
Conc: 51.03 ng/ml



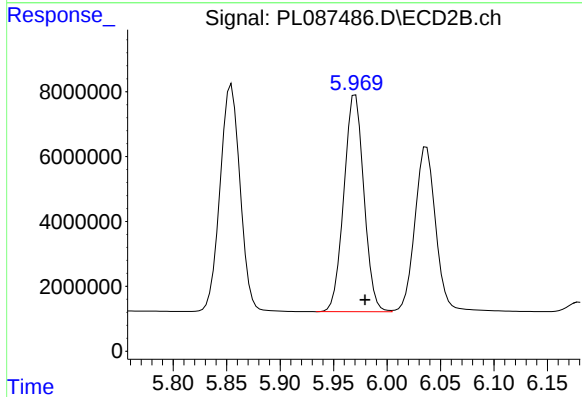
#17 4,4'-DDT

R.T.: 6.940 min
Delta R.T.: -0.004 min
Response: 192821895
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

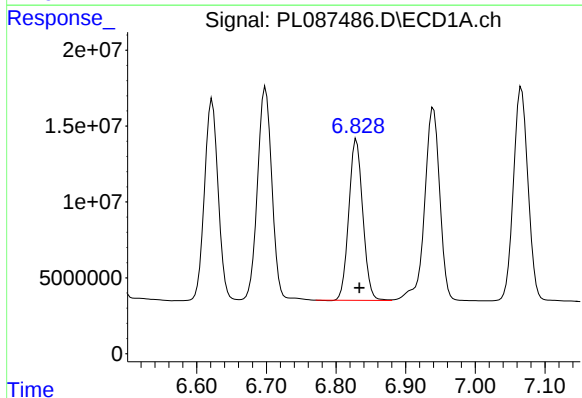
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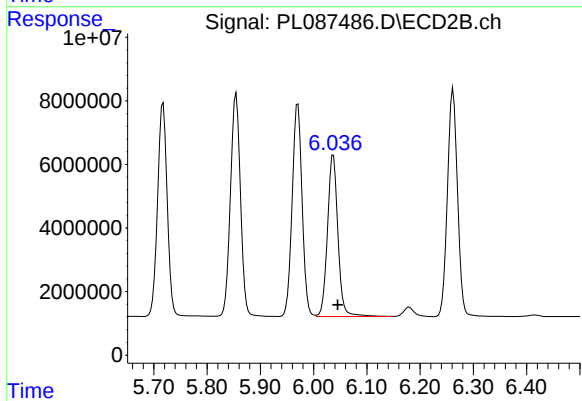
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.009 min
Response: 87070942
Conc: 47.21 ng/ml



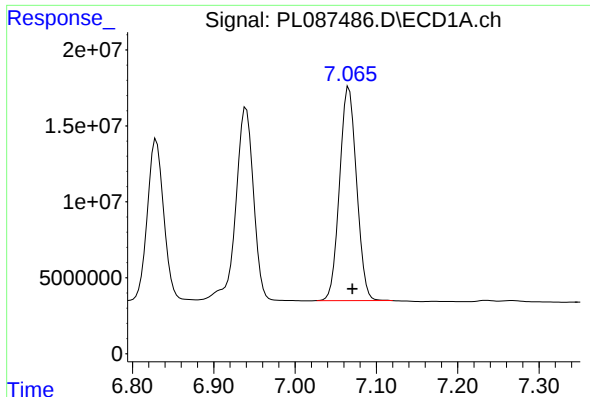
#18 Endrin aldehyde

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 148113328
Conc: 51.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.009 min
Response: 69608229
Conc: 47.43 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.066 min
Delta R.T.: -0.004 min
Response: 204223200
Conc: 52.01 ng/ml

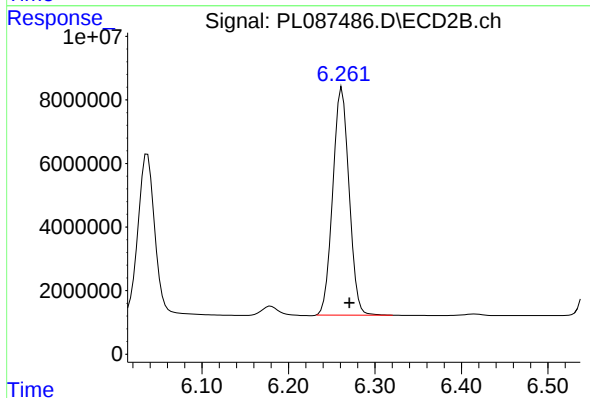
Instrument :

ECD_L

ClientSampleId :
PB158043BS

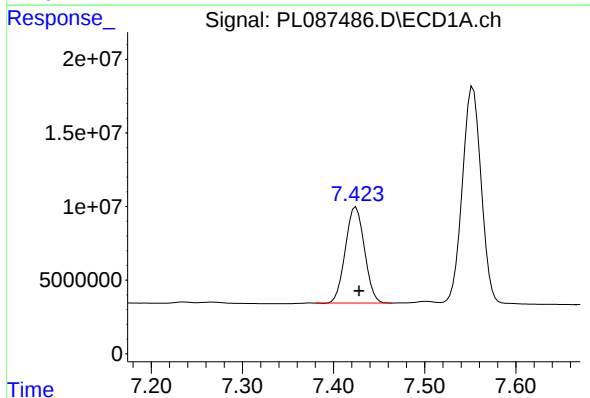
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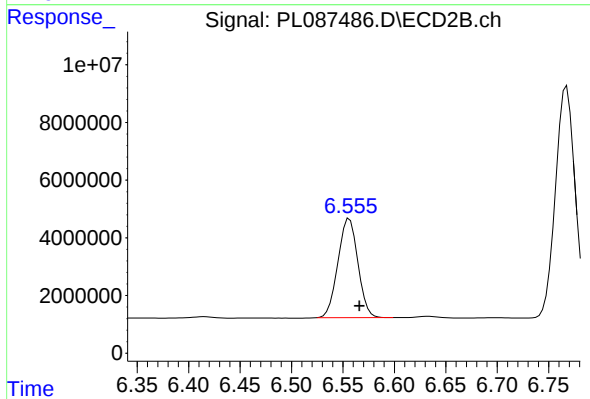
#19 Endosulfan Sulfate

R.T.: 6.262 min
Delta R.T.: -0.009 min
Response: 93263469
Conc: 49.51 ng/ml



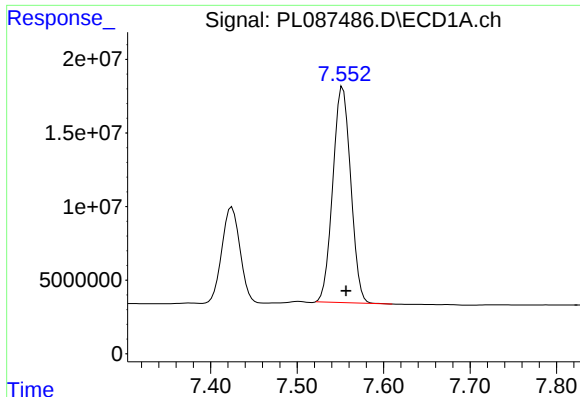
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 95025331
Conc: 48.73 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 46456319
Conc: 45.48 ng/ml



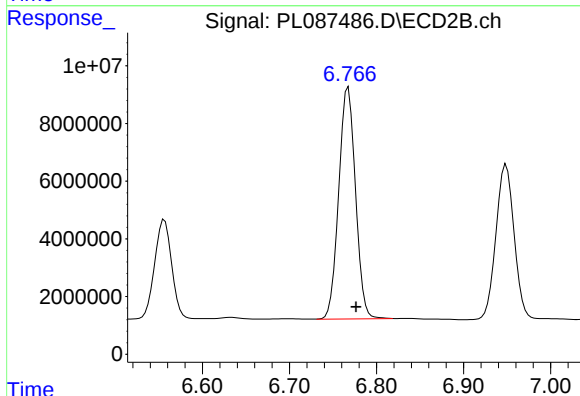
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 209809830
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

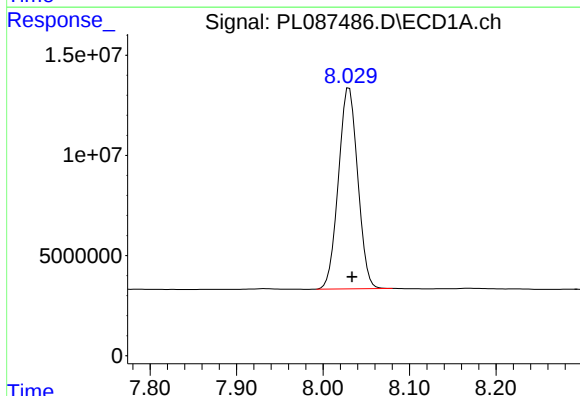
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



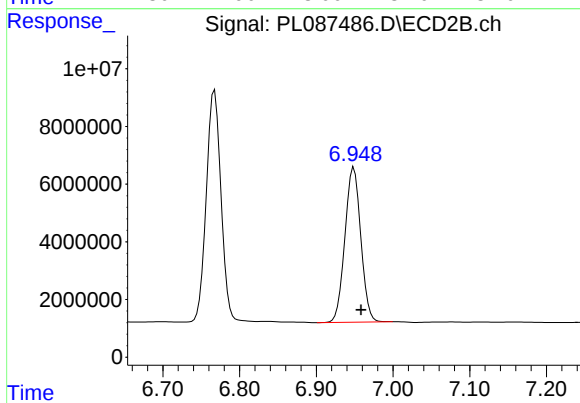
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 107666150
Conc: 50.58 ng/ml m



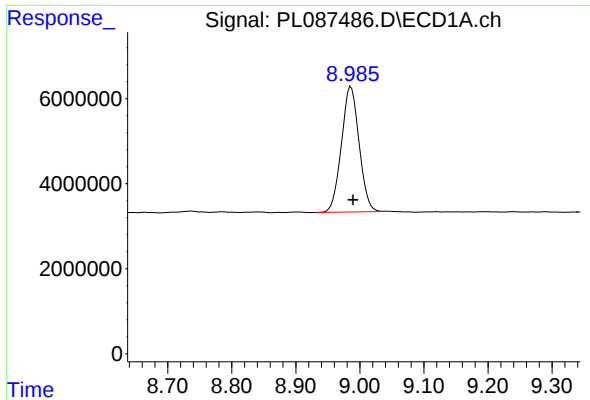
#22 Mirex

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 154887455
Conc: 45.99 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.010 min
Response: 77657740
Conc: 43.65 ng/ml



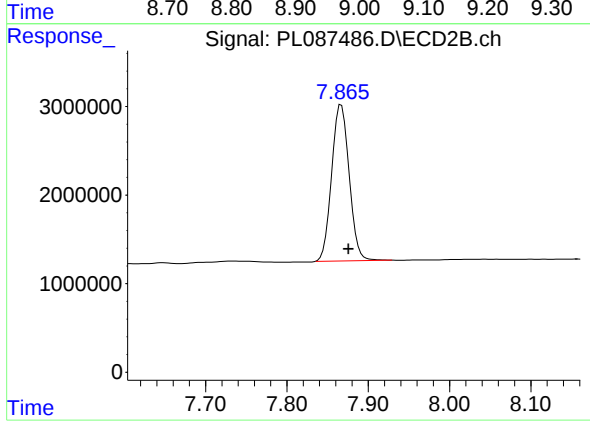
#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: -0.003 min
Response: 56427074
Conc: 16.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.009 min
Response: 26529074
Conc: 15.71 ng/ml