

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101122\
 Data File : PL078277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2022 12:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/12/2022
 Supervised By : Ankita Jodhani 10/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 00:40:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 03 19:46:18 2022
 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...	3.413	2.621	91381716	145.2E6	49.547	51.646
2)	SA Decachlor...	8.900	7.715	80805844	112.9E6	51.472	52.013
Target Compounds							
2)	A alpha-BHC	3.878	3.113	137.9E6	230.0E6	49.681	52.697
3)	MA gamma-BHC...	4.213	3.436	126.3E6	198.9E6	48.641	51.929
4)	MA Heptachlor	4.789	3.767	122.7E6	197.5E6	46.836	52.324
5)	MB Aldrin	5.129	4.041	113.1E6	188.3E6	47.711	52.768
6)	B beta-BHC	4.427	3.737	53475946	81240278	46.639	50.825
7)	B delta-BHC	4.671	3.959	104.9E6	203.8E6	44.340	52.097
8)	B Heptachlo...	5.562	4.540	94359257	163.5E6	43.938	51.502
9)	A Endosulfan I	5.949	4.905	93436967	151.9E6	48.597	52.056
10)	B gamma-Chl...	5.818	4.789	100.3E6	163.2E6	48.184	51.175
11)	B alpha-Chl...	5.895	4.852	99229314	158.2E6	48.093	51.658
12)	B 4,4'-DDE	6.074	5.045	94092018	152.5E6	48.653	50.324
13)	MA Dieldrin	6.226	5.168	95199078	161.9E6	49.284	52.483
14)	MA Endrin	6.458	5.441	79552447	123.2E6	46.729	47.391
15)	B Endosulfa...	6.686	5.737	75862488	125.4E6	41.836	47.666
16)	A 4,4'-DDD	6.597	5.596	70965483	117.8E6	48.659m	49.605m
17)	MA 4,4'-DDT	6.909	5.846	77126072	115.5E6	46.631	47.321
18)	B Endrin al...	6.817	5.916	61653487	97808472	48.194	49.757
19)	B Endosulfa...	7.051	6.138	77045309	128.3E6	49.610	51.553
20)	A Methoxychlor	7.390	6.423	39285536	64276740	47.591	49.824
21)	B Endrin ke...	7.538	6.638	82480625	139.6E6	49.321	50.822
22)	Mirex	7.998	6.813	62470142	102.1E6	49.020	52.024

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

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ECD_L

ClientSampleId :

PSTDCCC050

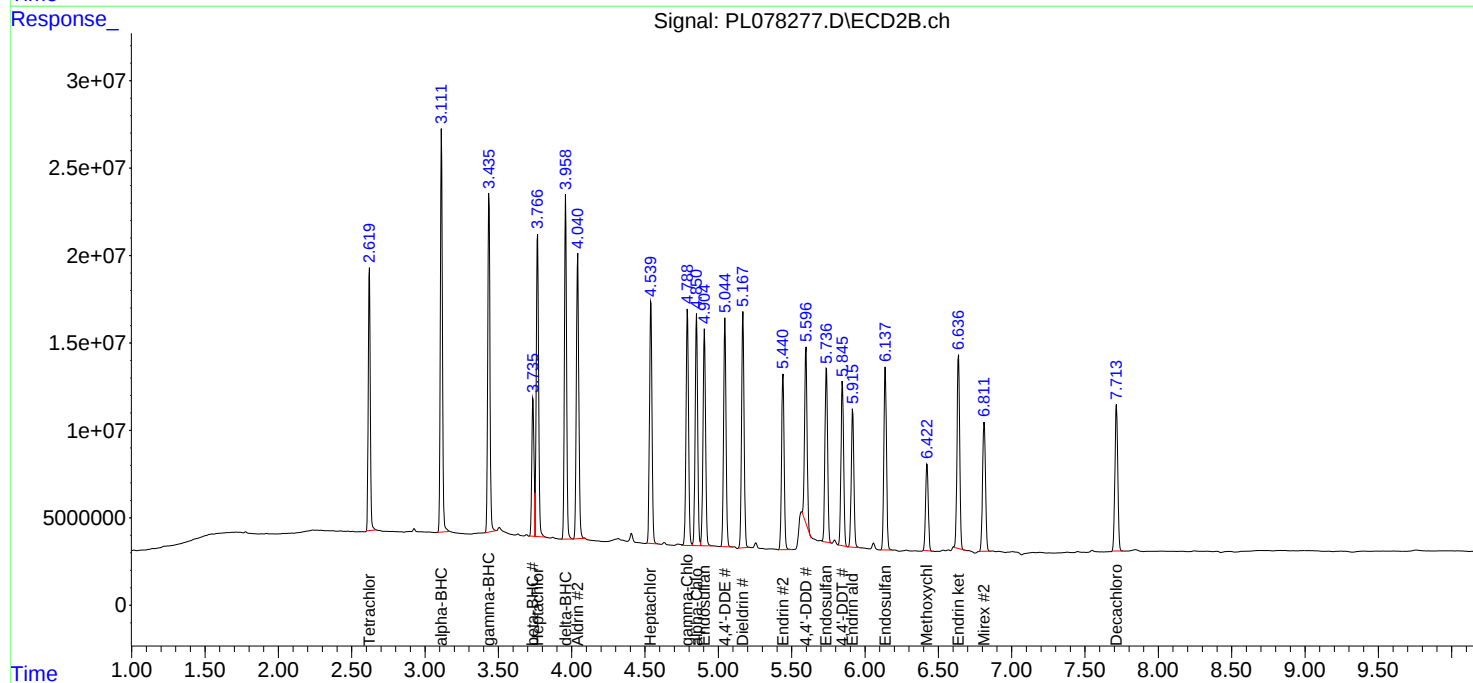
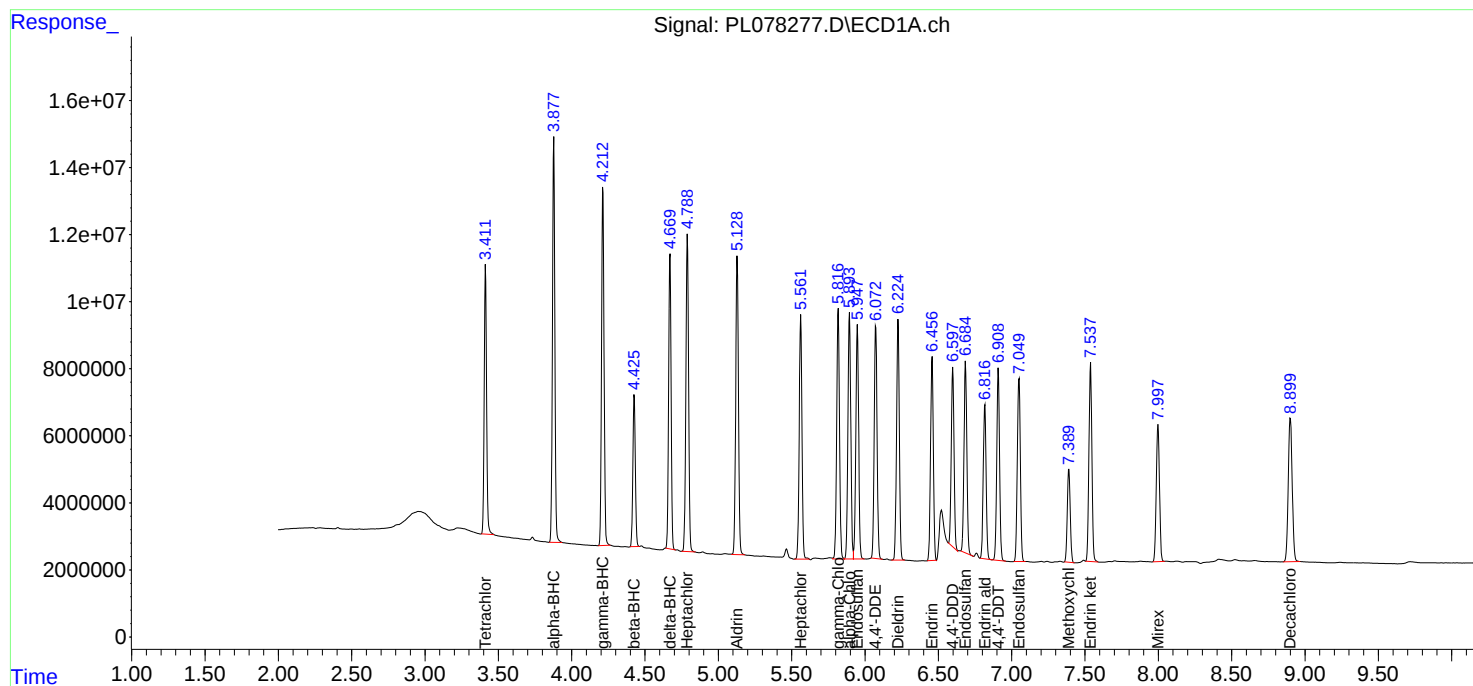
Manual Integrations

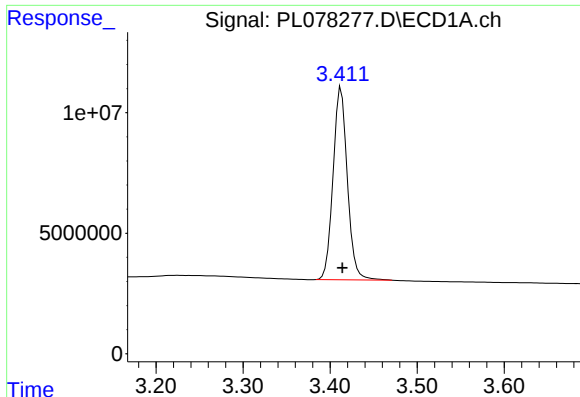
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 00:40:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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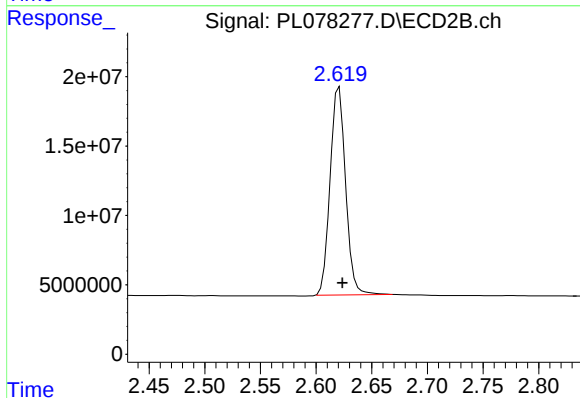
#1 Tetrachloro-m-xylene

R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 91381716
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

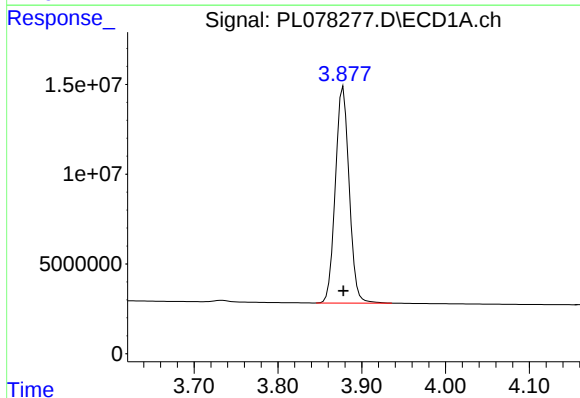
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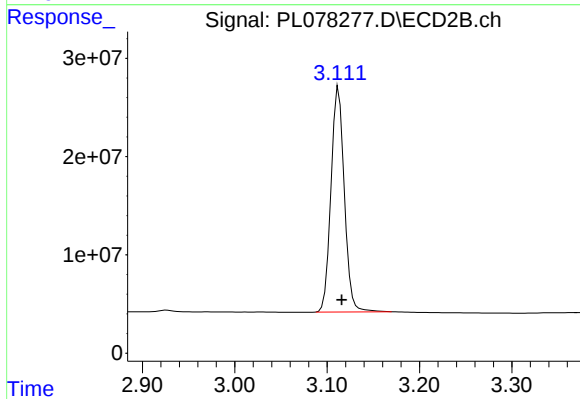
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.003 min
Response: 145159481
Conc: 51.65 ng/ml



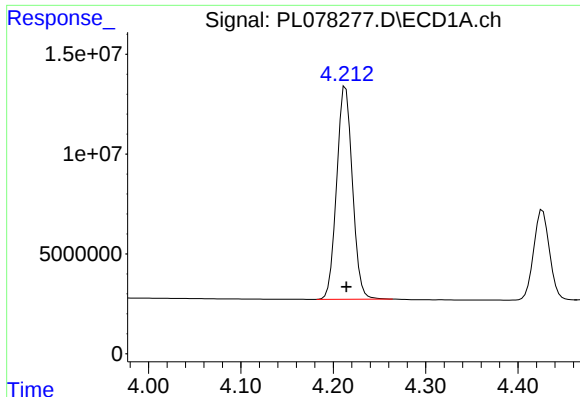
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 137882750
Conc: 49.68 ng/ml



#2 alpha-BHC

R.T.: 3.113 min
Delta R.T.: -0.003 min
Response: 229993860
Conc: 52.70 ng/ml



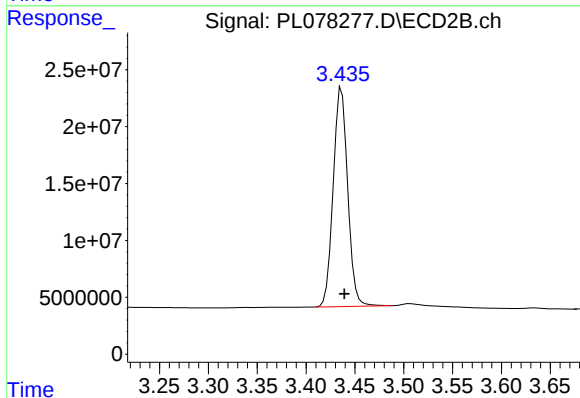
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 126261850
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

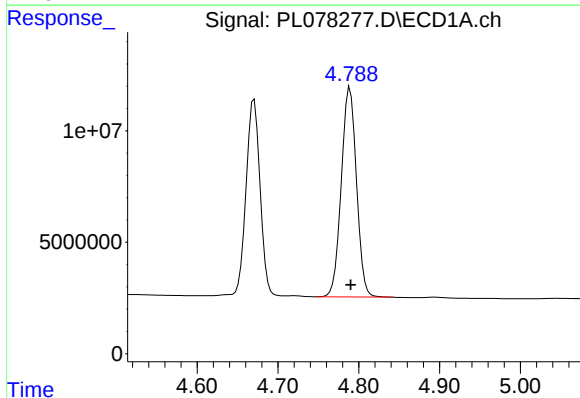
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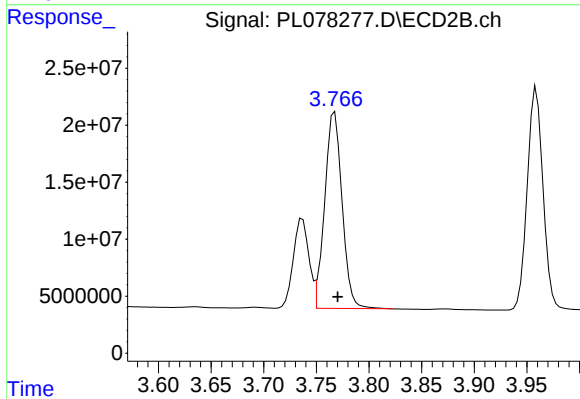
#3 gamma-BHC (Lindane)

R.T.: 3.436 min
Delta R.T.: -0.003 min
Response: 198879954
Conc: 51.93 ng/ml



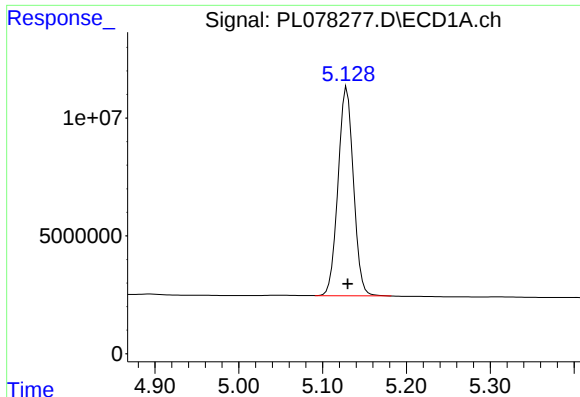
#4 Heptachlor

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 122694783
Conc: 46.84 ng/ml



#4 Heptachlor

R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 197521269
Conc: 52.32 ng/ml



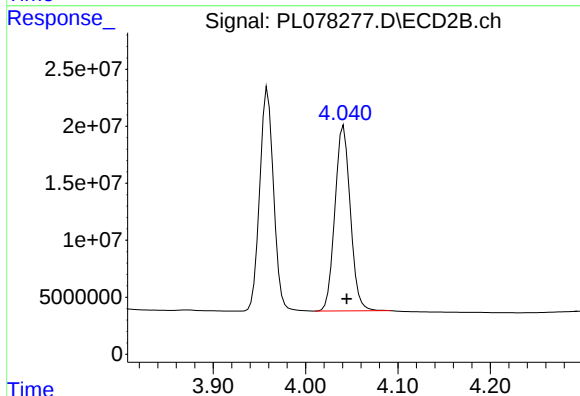
#5 Aldrin

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 113111811
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

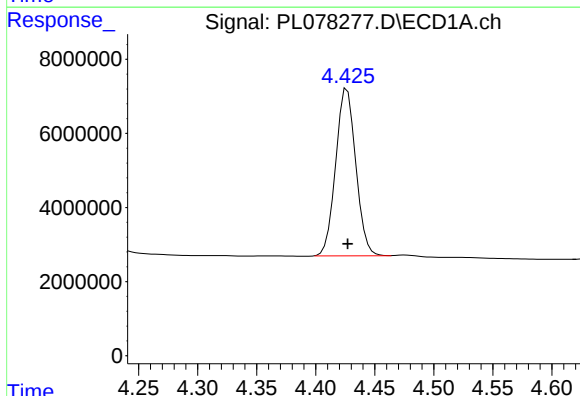
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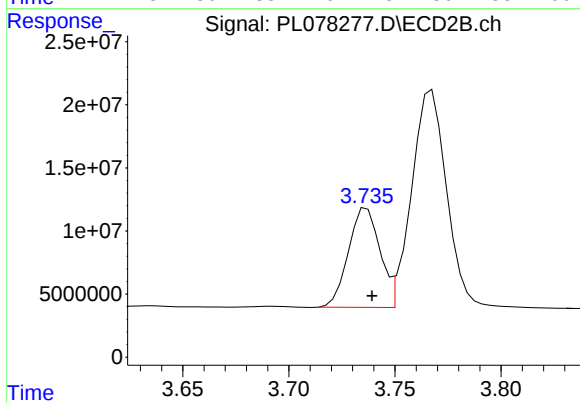
#5 Aldrin

R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 188336961
Conc: 52.77 ng/ml



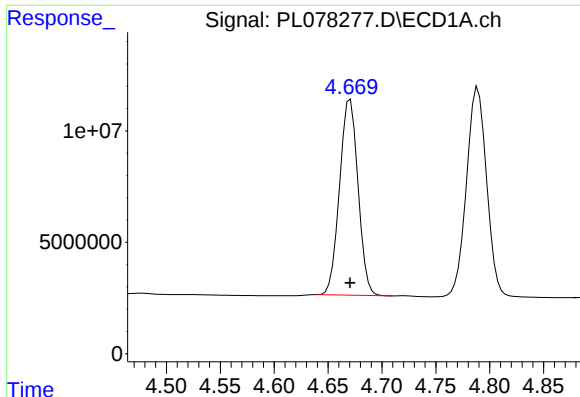
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 53475946
Conc: 46.64 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: -0.002 min
Response: 81240278
Conc: 50.82 ng/ml



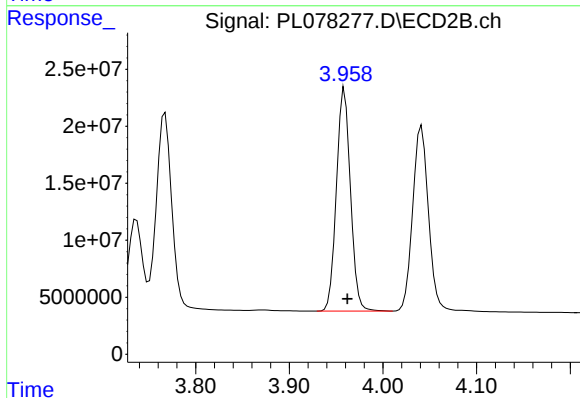
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 104898155
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

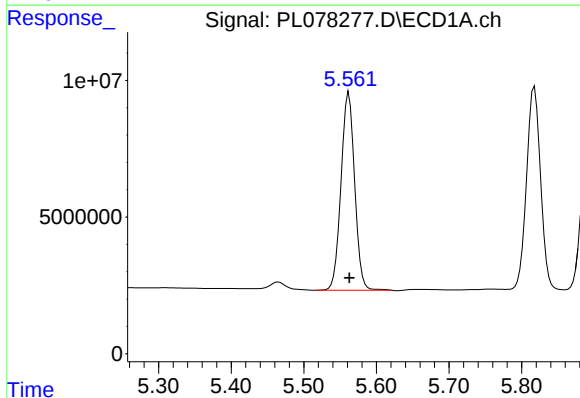
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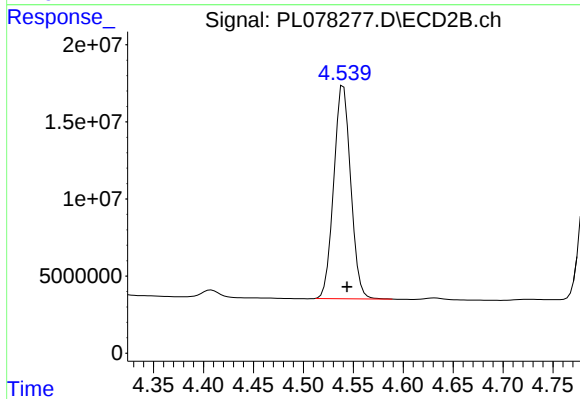
#7 delta-BHC

R.T.: 3.959 min
Delta R.T.: -0.003 min
Response: 203845255
Conc: 52.10 ng/ml



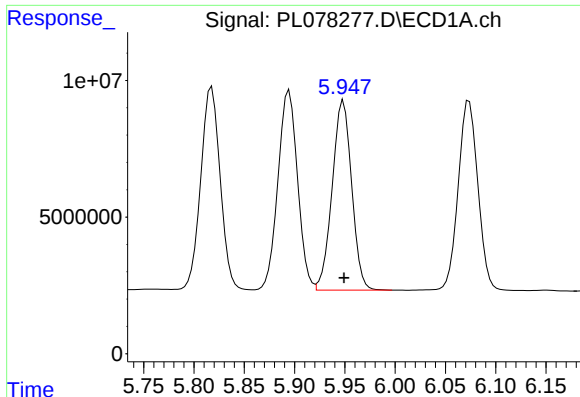
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 94359257
Conc: 43.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 163465089
Conc: 51.50 ng/ml



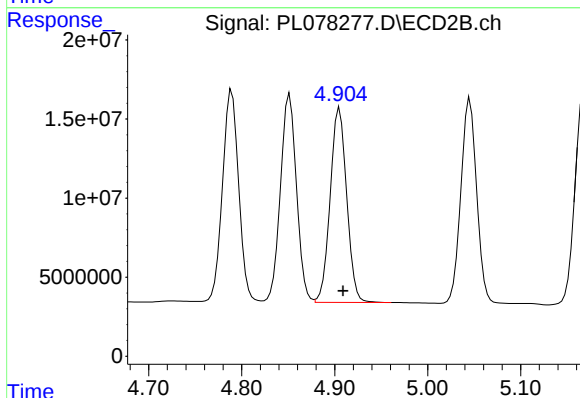
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 93436967
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

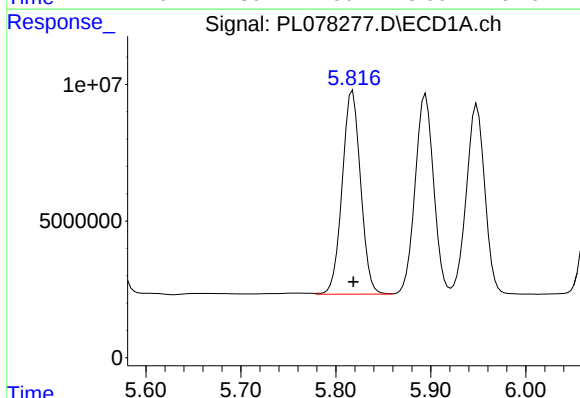
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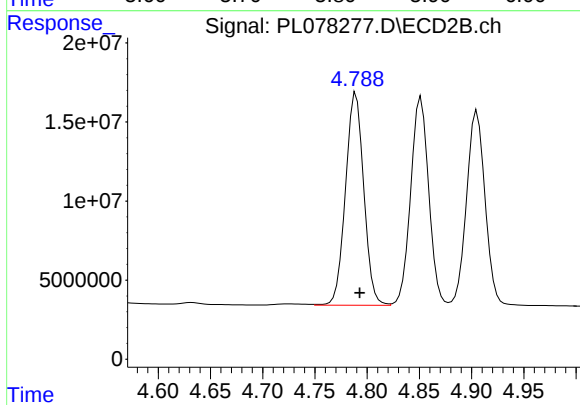
#9 Endosulfan I

R.T.: 4.905 min
Delta R.T.: -0.004 min
Response: 151875984
Conc: 52.06 ng/ml



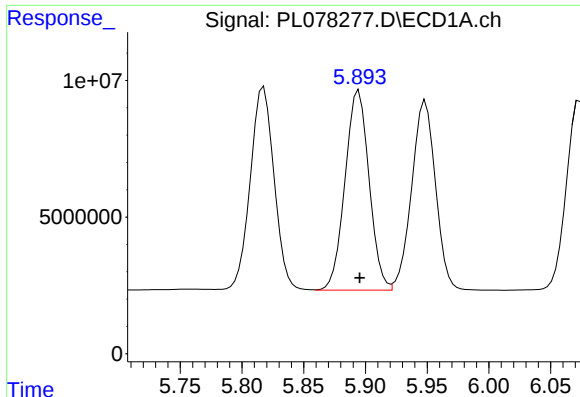
#10 gamma-Chlordane

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 100293124
Conc: 48.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.789 min
Delta R.T.: -0.004 min
Response: 163185291
Conc: 51.17 ng/ml



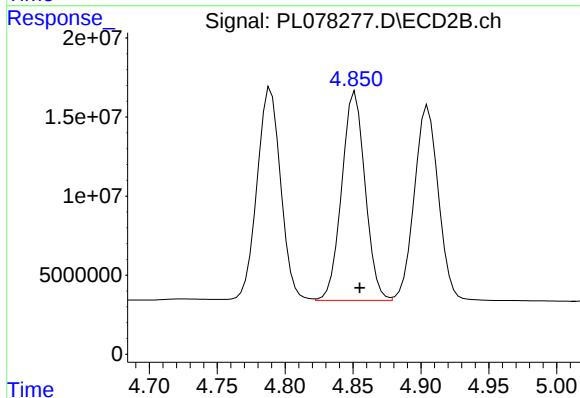
#11 alpha-Chlordane

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 99229314
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#11 alpha-Chlordane

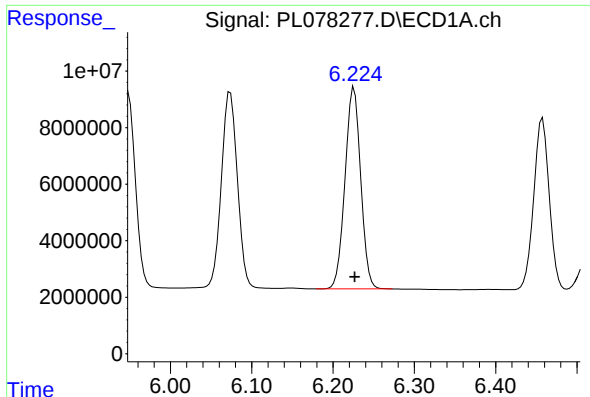
R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 158217712
Conc: 51.66 ng/ml

#12 4,4'-DDE

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 94092018
Conc: 48.65 ng/ml

#12 4,4'-DDE

R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 152529784
Conc: 50.32 ng/ml



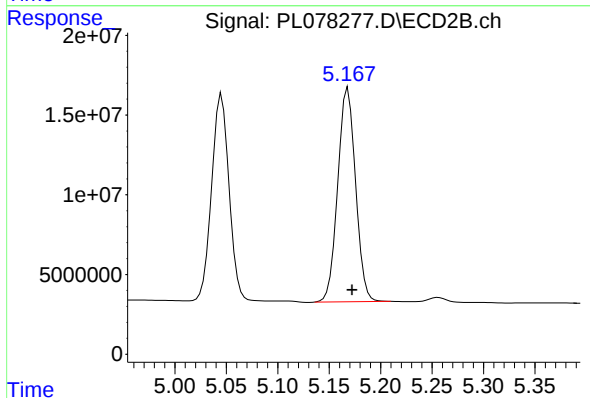
#13 Dieldrin

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 95199078
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

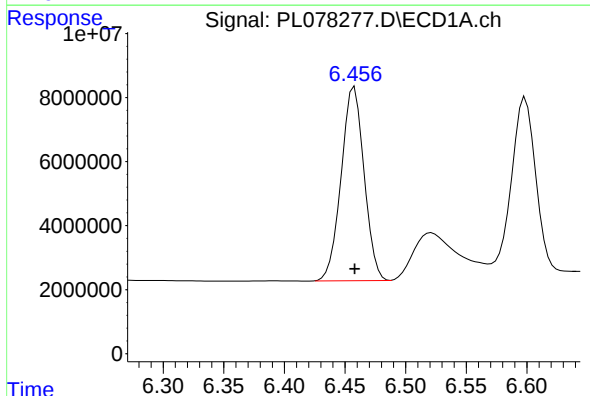
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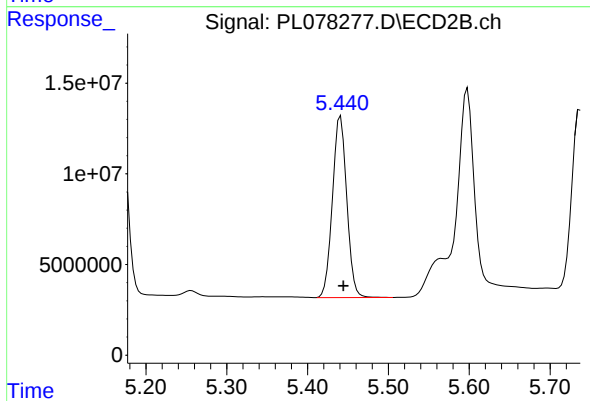
#13 Dieldrin

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 161886424
Conc: 52.48 ng/ml



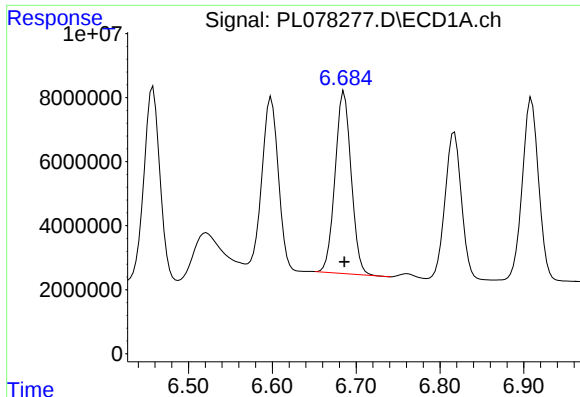
#14 Endrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 79552447
Conc: 46.73 ng/ml



#14 Endrin

R.T.: 5.441 min
Delta R.T.: -0.003 min
Response: 123167439
Conc: 47.39 ng/ml



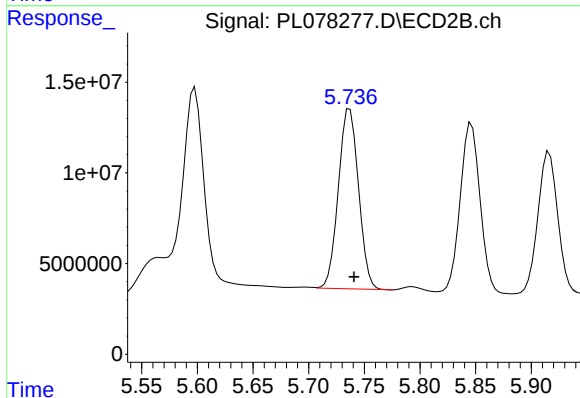
#15 Endosulfan II

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 75862488
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

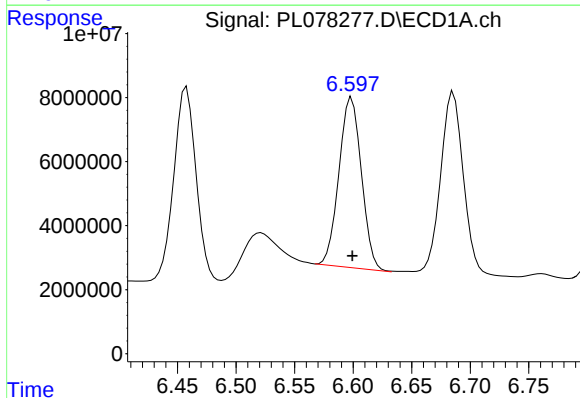
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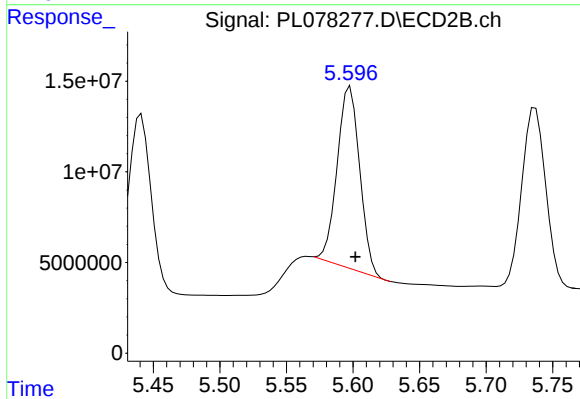
#15 Endosulfan II

R.T.: 5.737 min
Delta R.T.: -0.004 min
Response: 125362878
Conc: 47.67 ng/ml



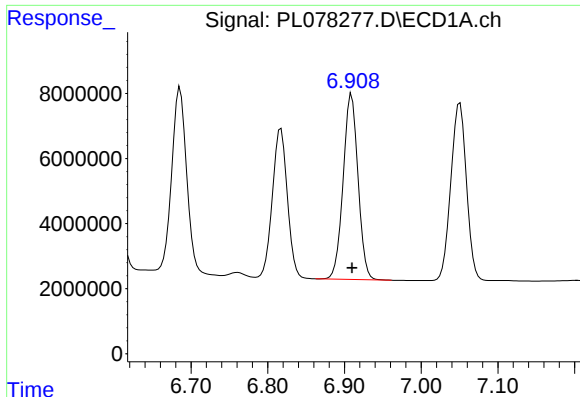
#16 4,4'-DDD

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 70965483
Conc: 48.66 ng/ml m



#16 4,4'-DDD

R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 117835613
Conc: 49.61 ng/ml m



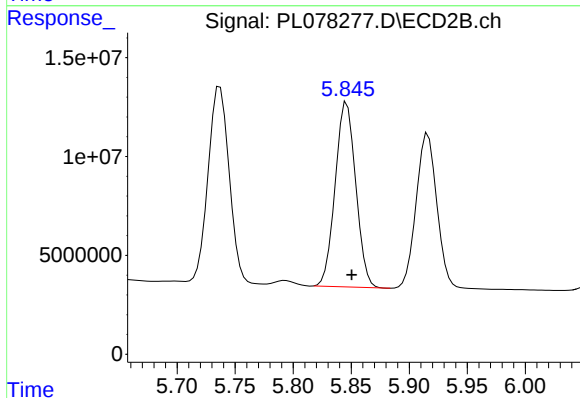
#17 4,4'-DDT

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 77126072
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

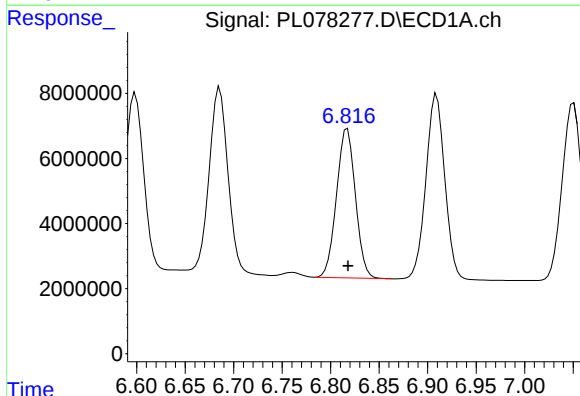
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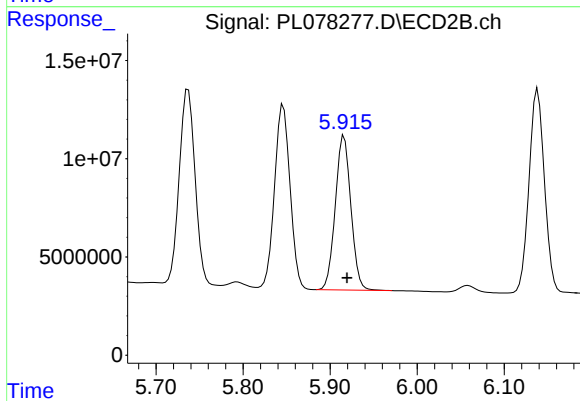
#17 4,4'-DDT

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 115479241
Conc: 47.32 ng/ml



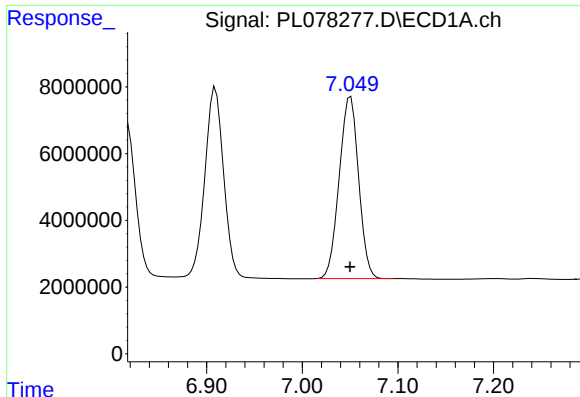
#18 Endrin aldehyde

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 61653487
Conc: 48.19 ng/ml



#18 Endrin aldehyde

R.T.: 5.916 min
Delta R.T.: -0.004 min
Response: 97808472
Conc: 49.76 ng/ml



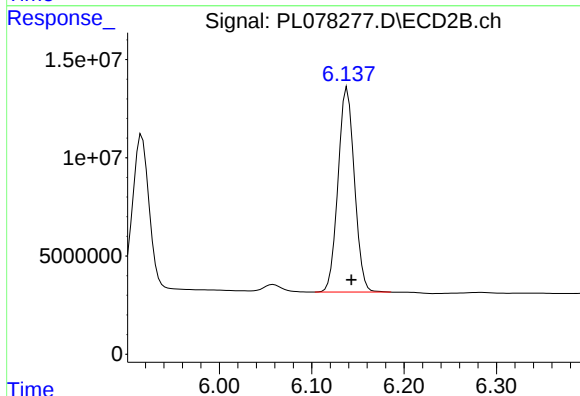
#19 Endosulfan Sulfate

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 77045309
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

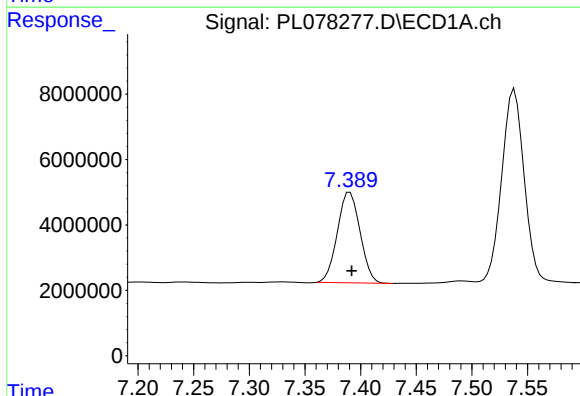
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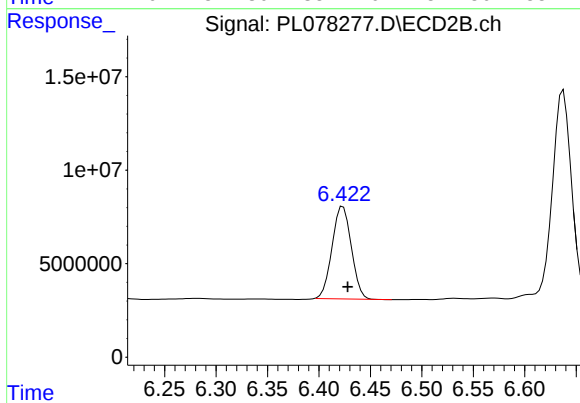
#19 Endosulfan Sulfate

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 128277027
Conc: 51.55 ng/ml



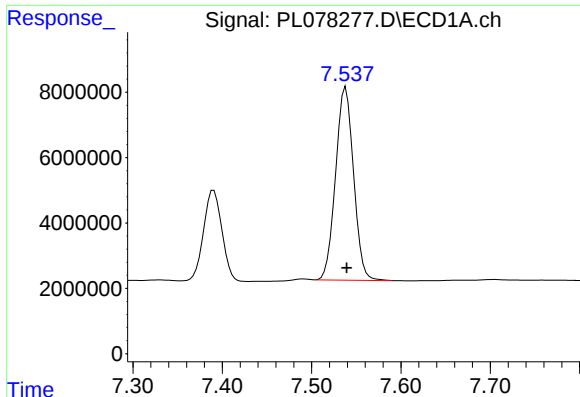
#20 Methoxychlor

R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 39285536
Conc: 47.59 ng/ml



#20 Methoxychlor

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 64276740
Conc: 49.82 ng/ml



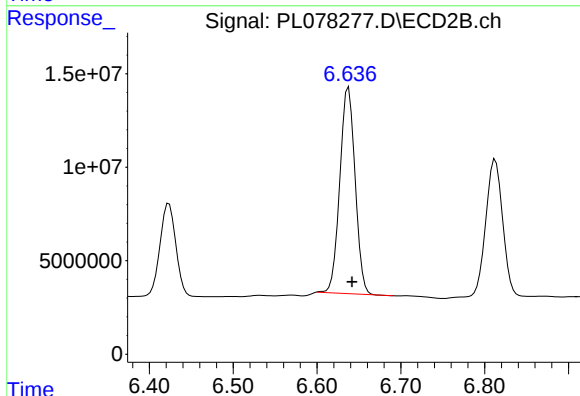
#21 Endrin ketone

R.T.: 7.538 min
Delta R.T.: 0.000 min
Response: 82480625
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

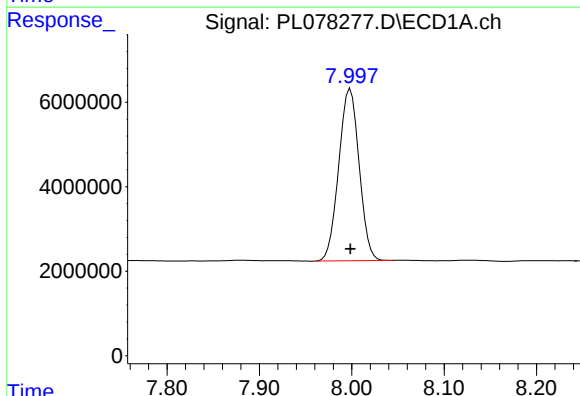
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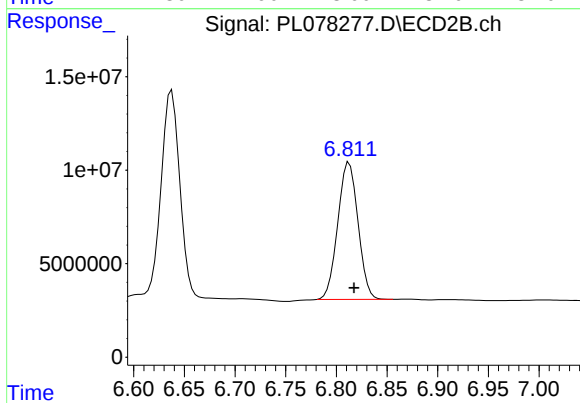
#21 Endrin ketone

R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 139613719
Conc: 50.82 ng/ml



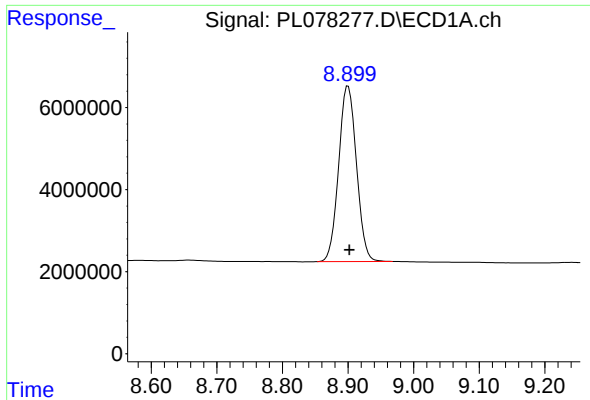
#22 Mirex

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 62470142
Conc: 49.02 ng/ml



#22 Mirex

R.T.: 6.813 min
Delta R.T.: -0.005 min
Response: 102085565
Conc: 52.02 ng/ml



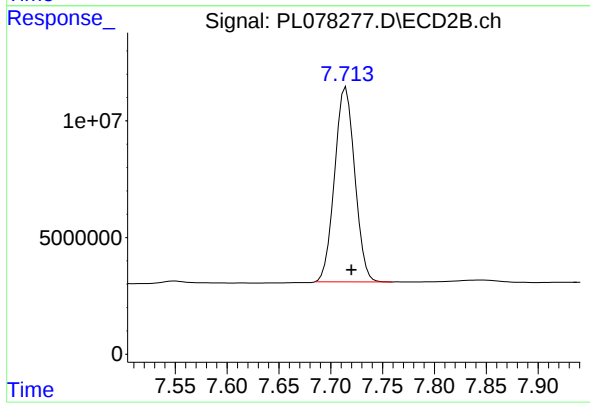
#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: -0.002 min
Response: 80805844
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/12/2022
Supervised By :Ankita Jodhani 10/13/2022



#28 Decachlorobiphenyl

R.T.: 7.715 min
Delta R.T.: -0.005 min
Response: 112873519
Conc: 52.01 ng/ml