

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 15:13
 Operator : AR\AJ
 Sample : PB150574BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150574BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/01/2023
 Supervised By : Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 20:38:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.351	2.689	48081461	50456533	22.417	22.972
28)	SA Decachlor...	8.787	7.835	42815677	56297300	24.456	23.629
Target Compounds							
2)	A alpha-BHC	3.799	3.190	145.9E6	146.4E6	46.053	46.040
3)	MA gamma-BHC...	4.127	3.518	136.3E6	136.4E6	46.353	45.664
4)	MA Heptachlor	4.711	3.859	134.9E6	141.3E6	45.646	44.400
5)	MB Aldrin	5.049	4.138	127.6E6	135.6E6	46.637	45.959
6)	B beta-BHC	4.323	3.814	58646206	58012592	42.964	43.467
7)	B delta-BHC	4.566	4.044	134.9E6	132.4E6	46.605	45.890
8)	B Heptachlo...	5.474	4.640	117.5E6	125.3E6	45.429	45.040
9)	A Endosulfan I	5.855	5.009	107.0E6	114.4E6	45.331	43.992
10)	B gamma-Chl...	5.728	4.890	116.8E6	127.4E6	46.236	44.949m
11)	B alpha-Chl...	5.808	4.955	115.5E6	124.8E6	45.748	43.582
12)	B 4,4'-DDE	5.986	5.146	102.5E6	105.1E6	46.002	44.542m
13)	MA Dieldrin	6.130	5.273	113.3E6	125.4E6	47.333	46.344m
14)	MA Endrin	6.357	5.549	100.9E6	105.1E6	46.644	45.275
15)	B Endosulfa...	6.575	5.843	97502546	105.8E6	42.534	50.777
16)	A 4,4'-DDD	6.499	5.702	84527637	87086641	46.140	46.342
17)	MA 4,4'-DDT	6.812	5.953	88216917	89920252	42.460	42.789
18)	B Endrin al...	6.705	6.023	81501563	88479849	48.997	48.453
19)	B Endosulfa...	6.939	6.246	96721261	106.8E6	46.727	45.903
20)	A Methoxychlor	7.290	6.530	47962510	52575122	43.472	43.326
21)	B Endrin ke...	7.419	6.751	103.9E6	119.3E6	47.101	46.726
22)	Mirex	7.891	6.934	82257530	105.8E6	47.830	46.451

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

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ECD_L

ClientSampleId :

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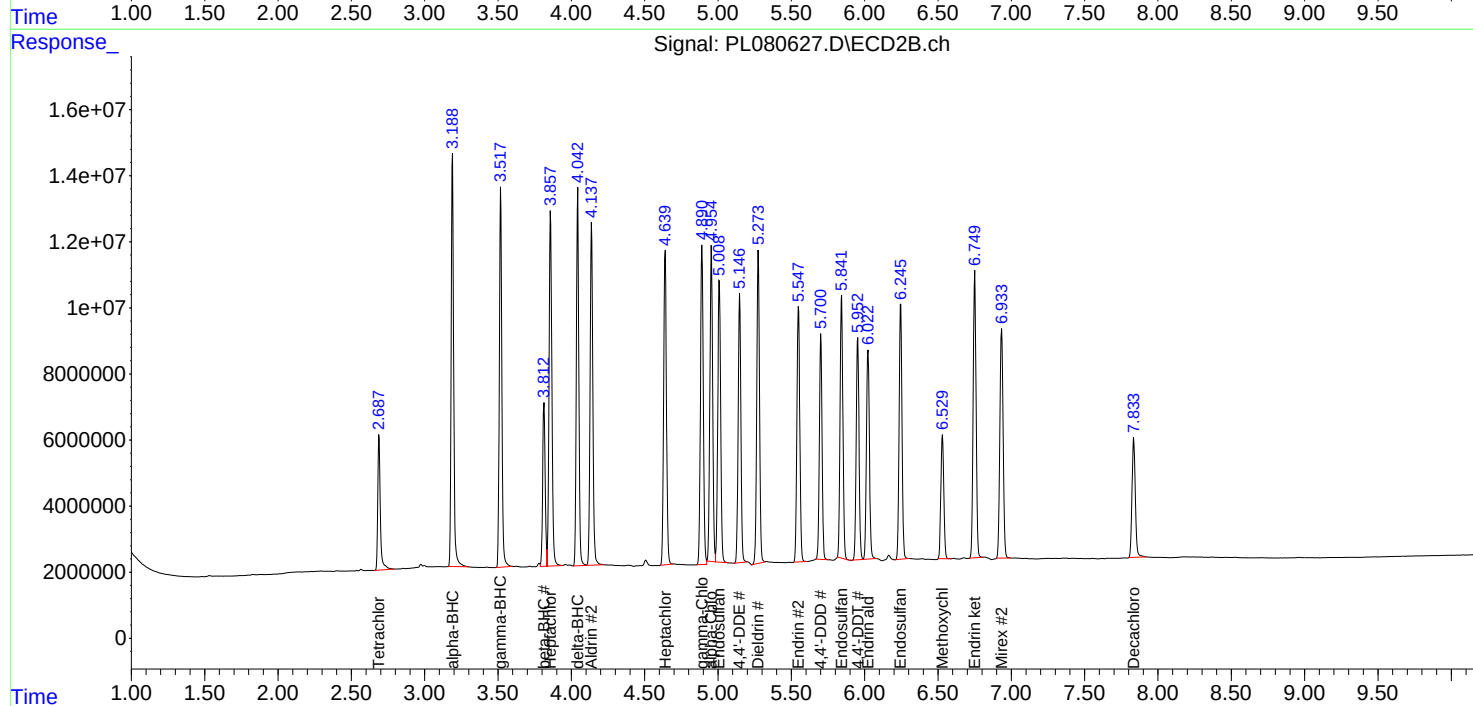
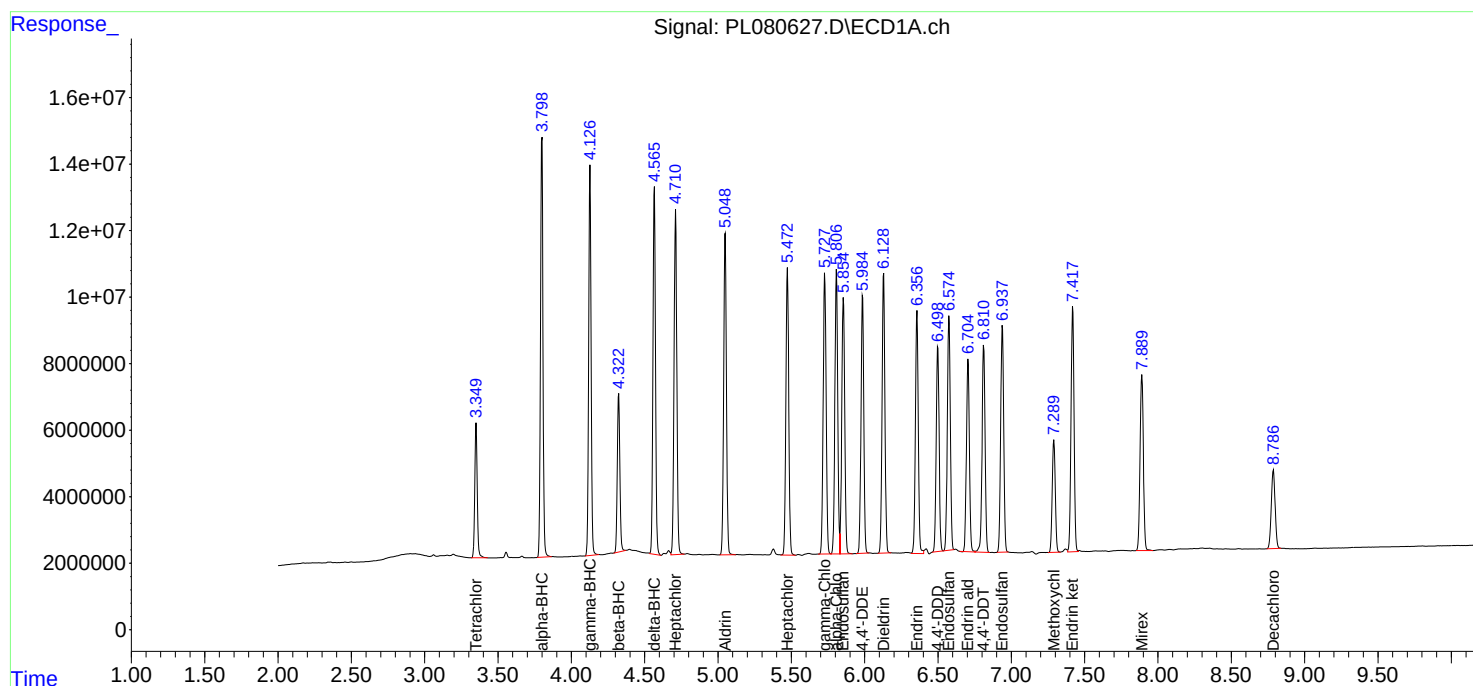
Manual Integrations

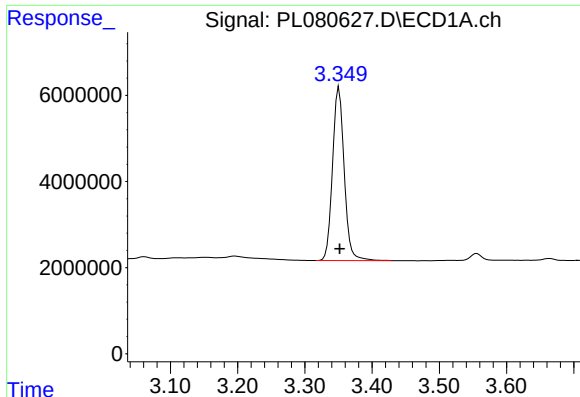
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 Supervised By :Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 20:38:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





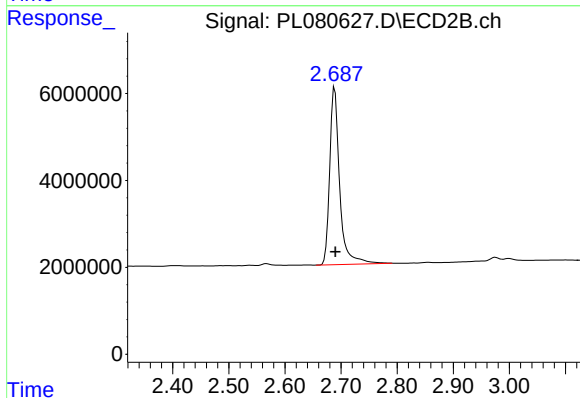
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 48081461
Conc: 22.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

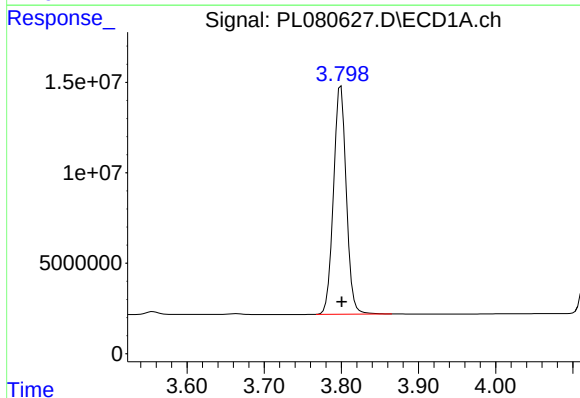
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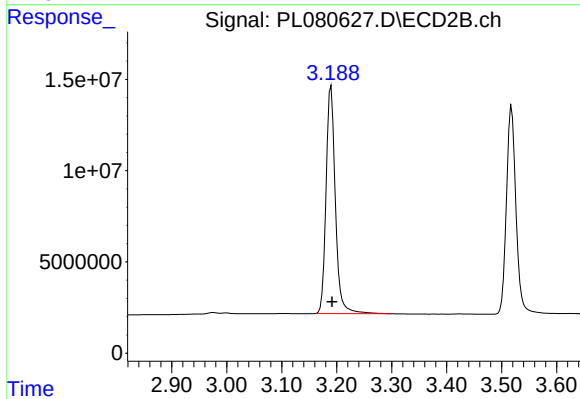
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 50456533
Conc: 22.97 ng/ml



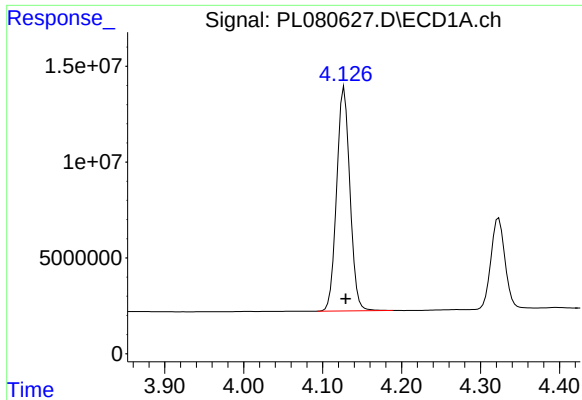
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 145897199
Conc: 46.05 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 146425242
Conc: 46.04 ng/ml



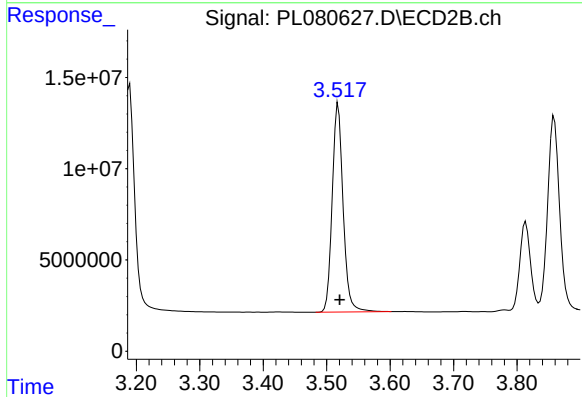
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 136265901
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

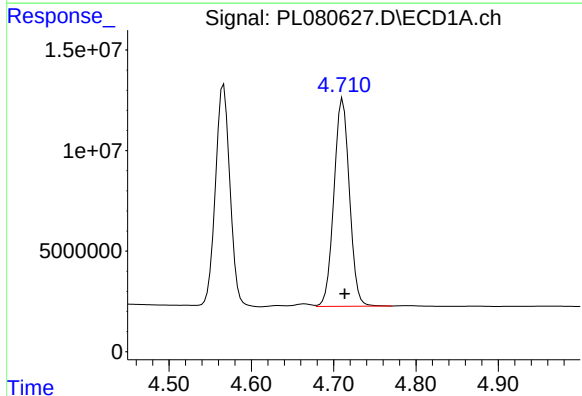
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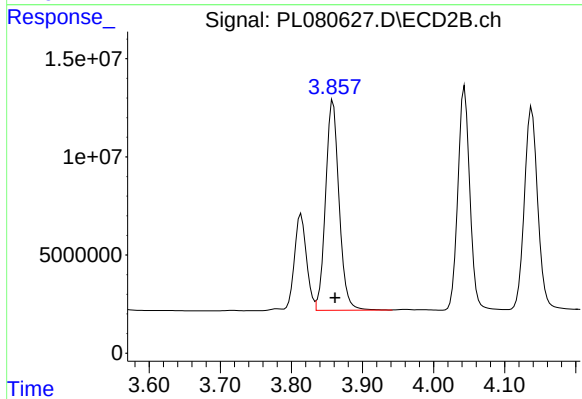
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 136411525
Conc: 45.66 ng/ml



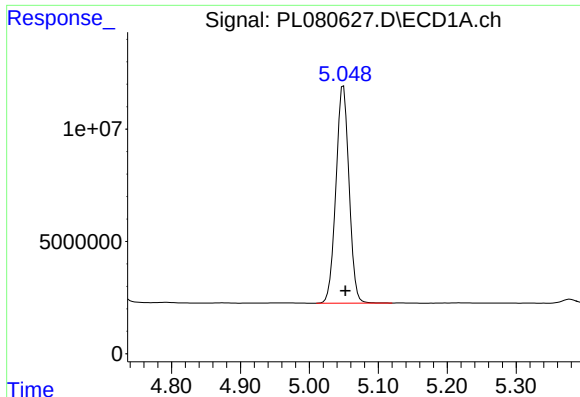
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 134893667
Conc: 45.65 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 141295944
Conc: 44.40 ng/ml



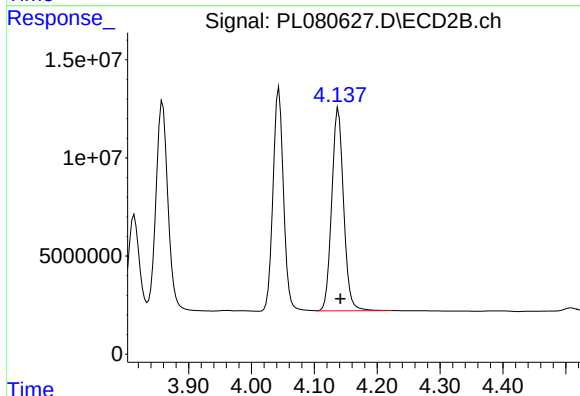
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 127589981
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

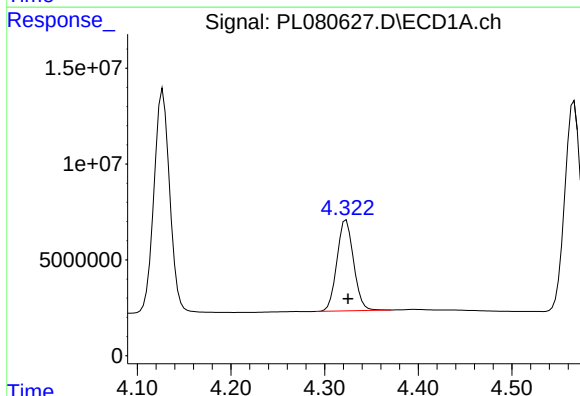
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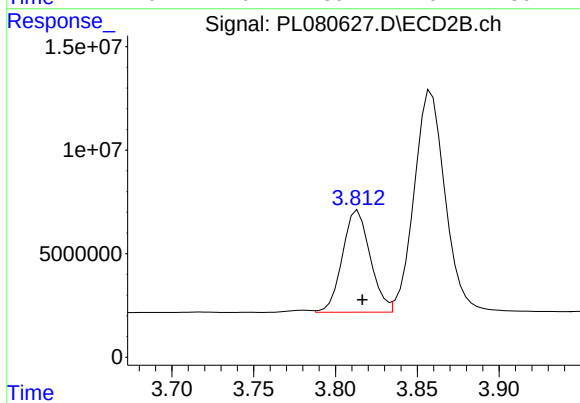
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 135560022
Conc: 45.96 ng/ml



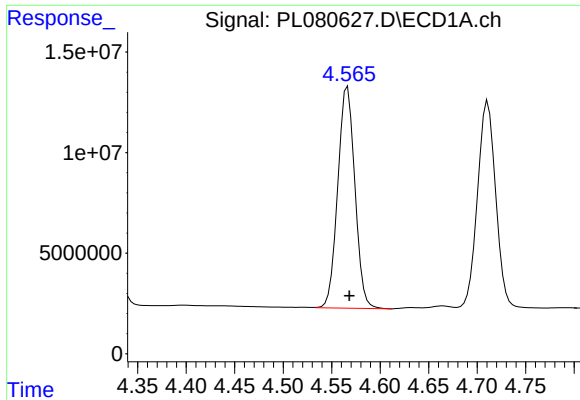
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 58646206
Conc: 42.96 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 58012592
Conc: 43.47 ng/ml



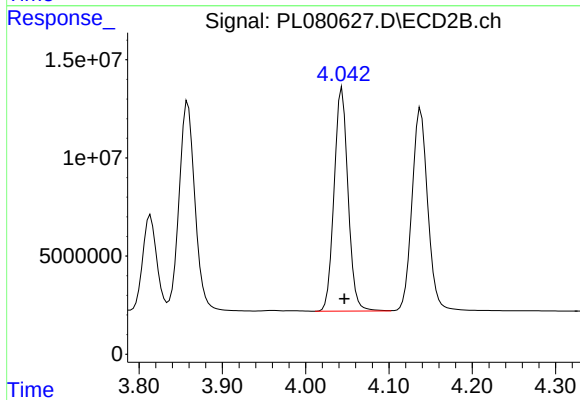
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 134922522
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

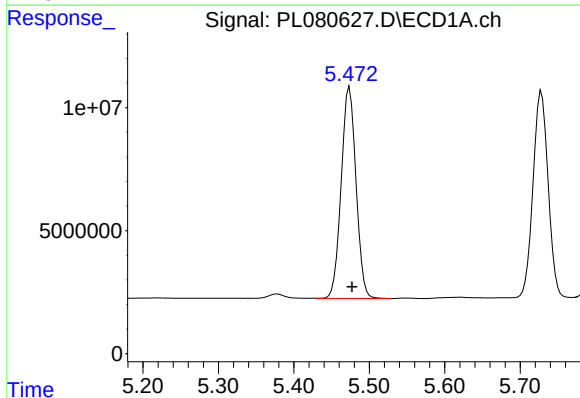
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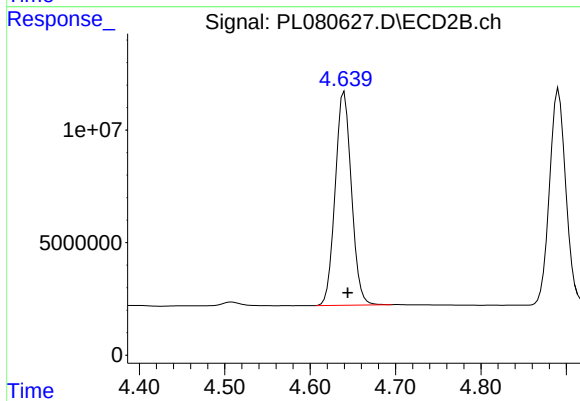
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 132367723
Conc: 45.89 ng/ml



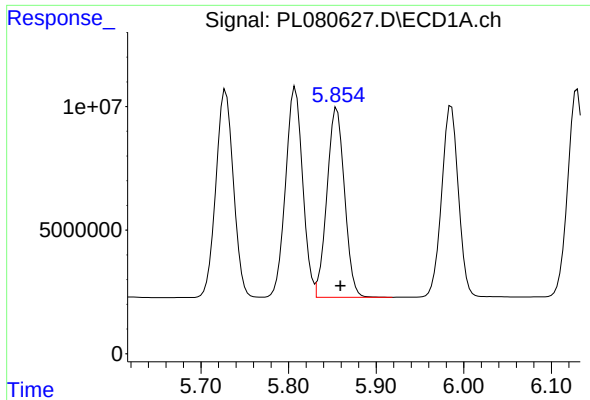
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 117528068
Conc: 45.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 125316382
Conc: 45.04 ng/ml



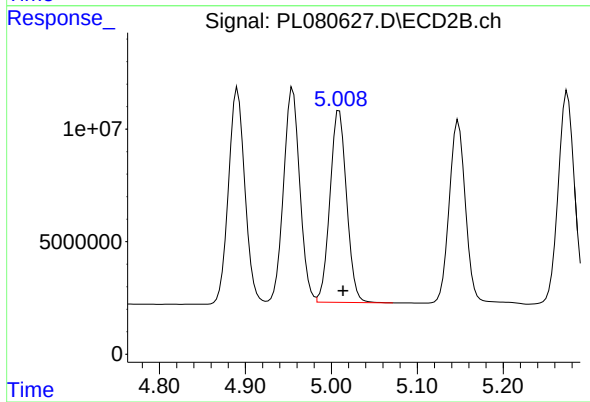
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 107048483
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

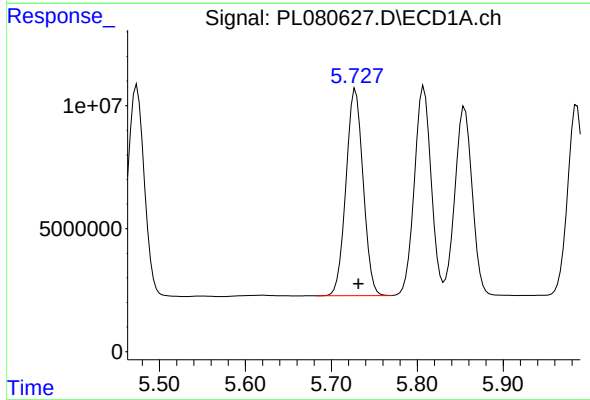
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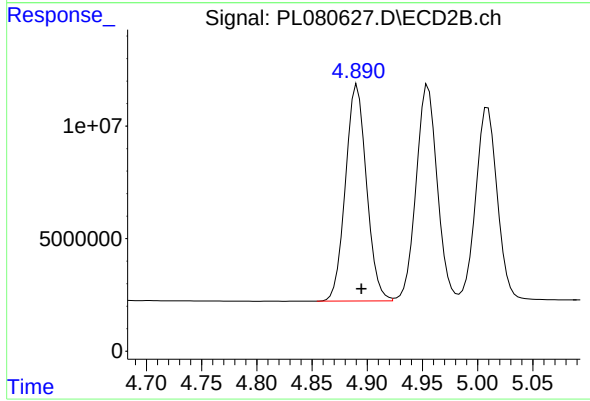
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 114437215
Conc: 43.99 ng/ml



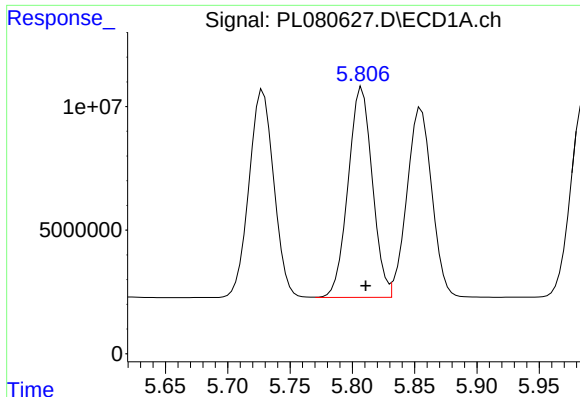
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 116780267
Conc: 46.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 127397154
Conc: 44.95 ng/ml m



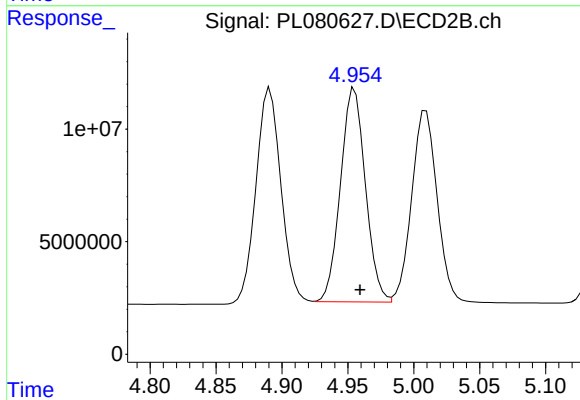
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 115480427
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

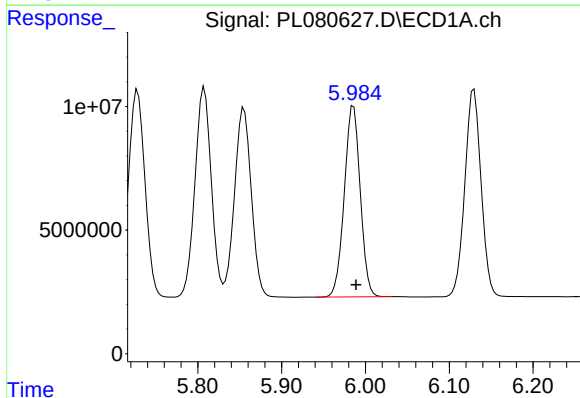
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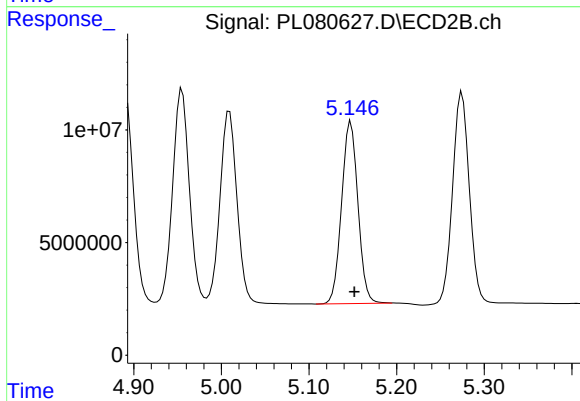
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 124849269
Conc: 43.58 ng/ml



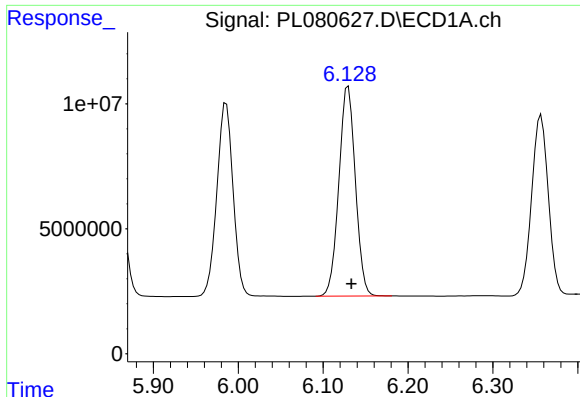
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 102461273
Conc: 46.00 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.005 min
Response: 105066807
Conc: 44.54 ng/ml m



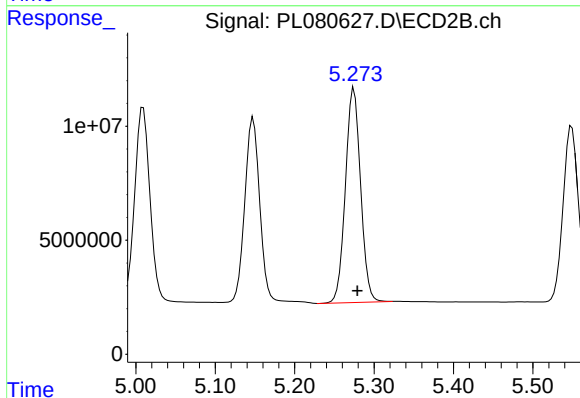
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 113286097
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

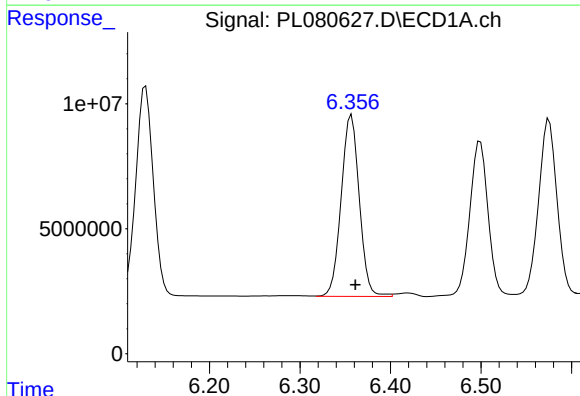
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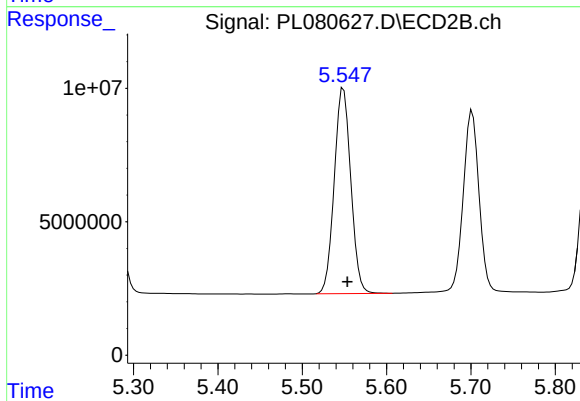
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 125359301
Conc: 46.34 ng/ml m



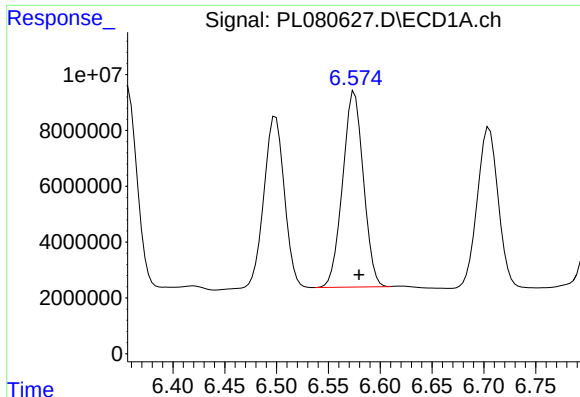
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 100877214
Conc: 46.64 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 105091725
Conc: 45.28 ng/ml



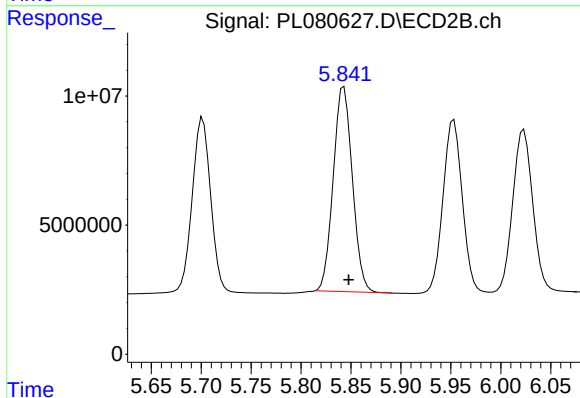
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 97502546
Conc: 42.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

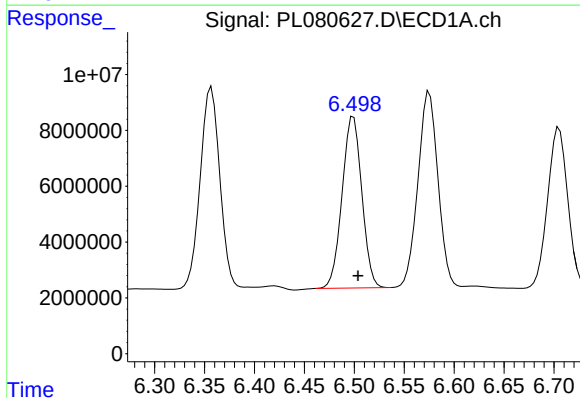
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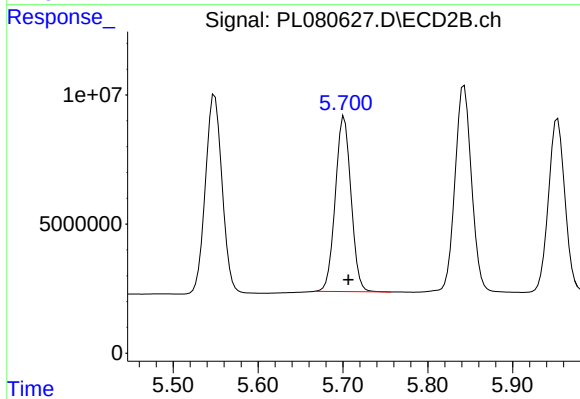
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 105805340
Conc: 50.78 ng/ml



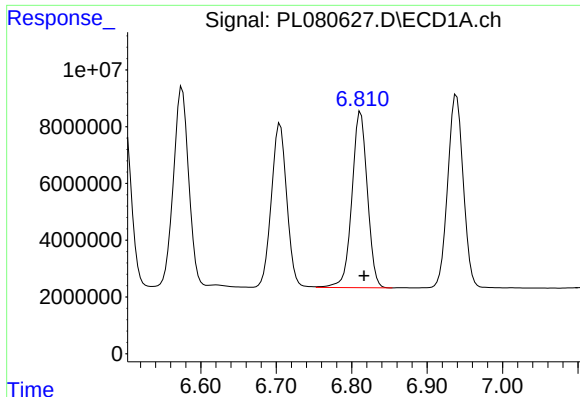
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 84527637
Conc: 46.14 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 87086641
Conc: 46.34 ng/ml



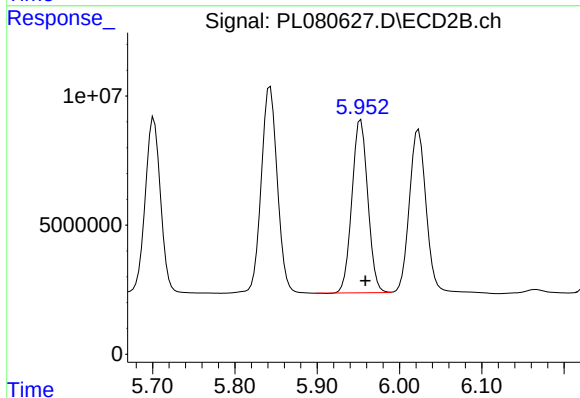
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 88216917
Conc: 42.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

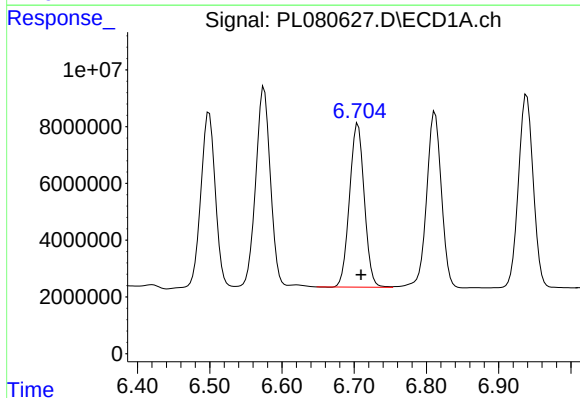
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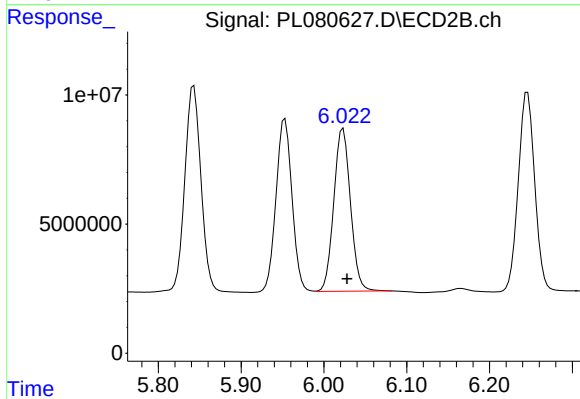
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 89920252
Conc: 42.79 ng/ml



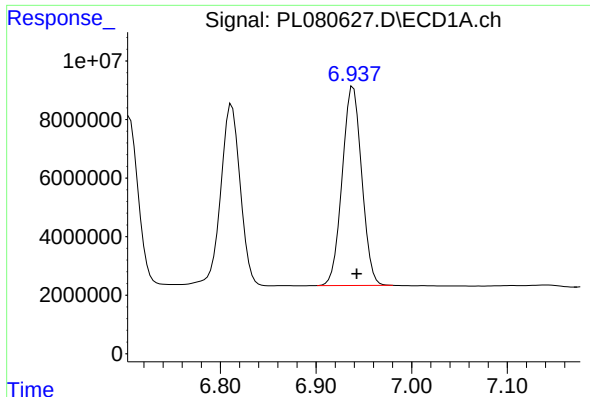
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 81501563
Conc: 49.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 88479849
Conc: 48.45 ng/ml



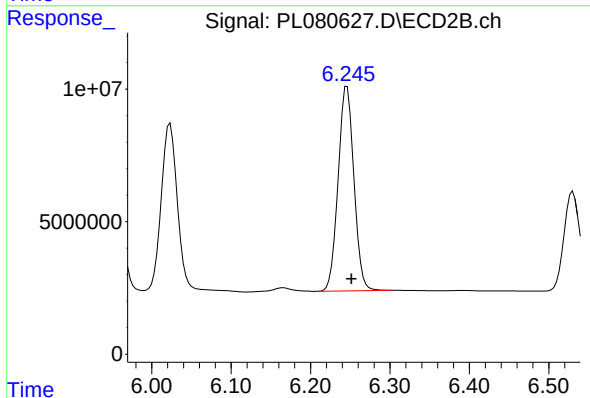
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 96721261
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

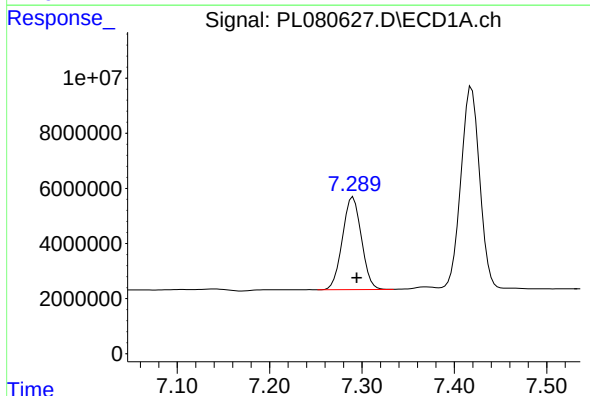
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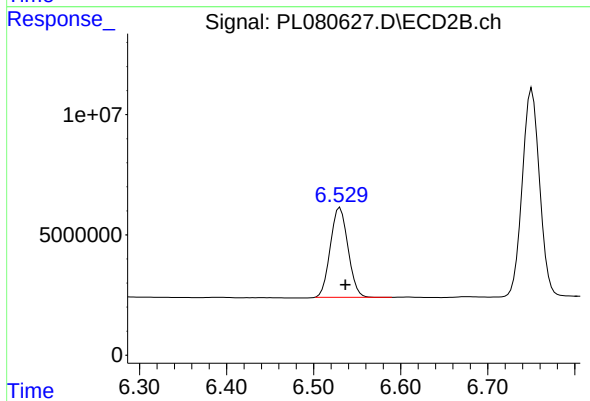
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 106754884
Conc: 45.90 ng/ml



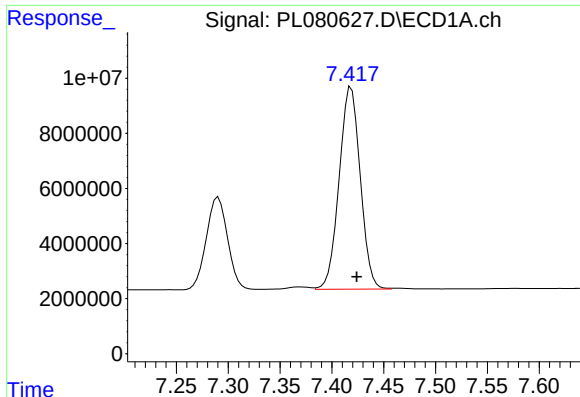
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 47962510
Conc: 43.47 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 52575122
Conc: 43.33 ng/ml



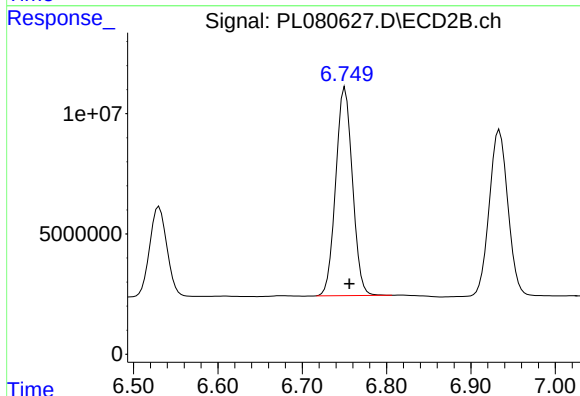
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 103921011
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

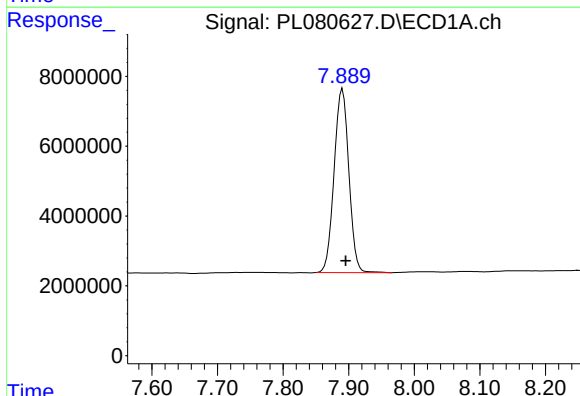
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APPROVED

Reviewed By :Abdul Mirza 02/01/2023
Supervised By :Ankita Jodhani 02/01/2023



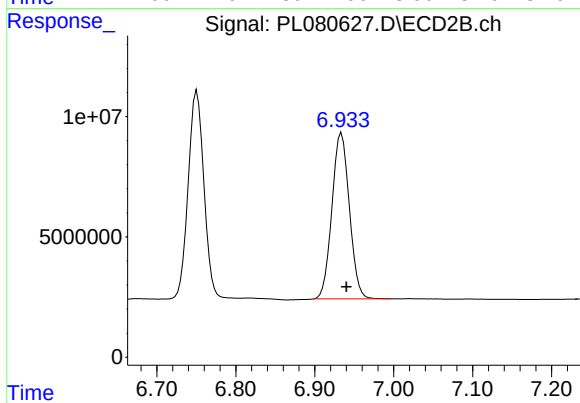
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 119302878
Conc: 46.73 ng/ml



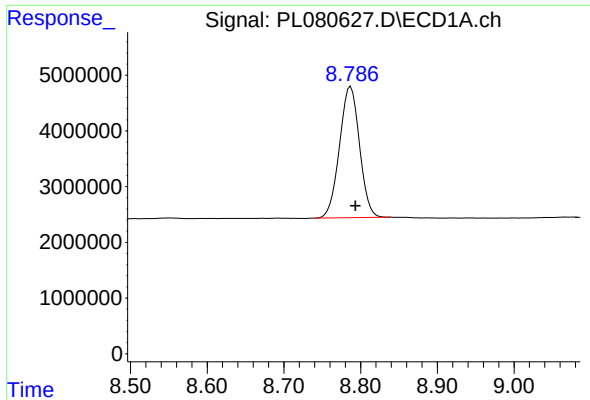
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 82257530
Conc: 47.83 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 105755167
Conc: 46.45 ng/ml



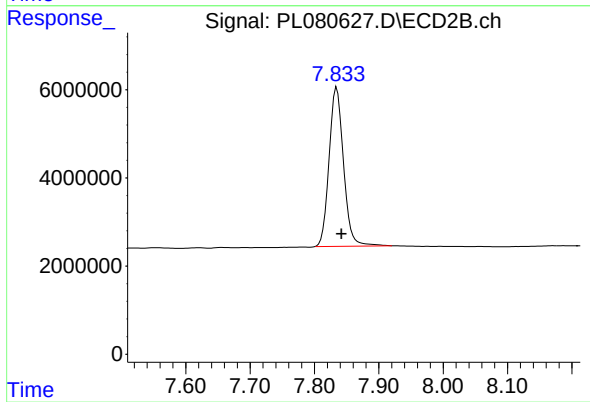
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 42815677
Conc: 24.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150574BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 56297300
Conc: 23.63 ng/ml