

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012723\
 Data File : PL080589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2023 23:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/30/2023
 Supervised By : Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 03:34:04 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	104.7E6	105.9E6	48.794	48.226
28)	SA Decachlor...	8.787	7.836	85624865	107.6E6	48.907	45.177
Target Compounds							
2)	A alpha-BHC	3.799	3.190	160.2E6	153.2E6	50.580	48.170
3)	MA gamma-BHC...	4.127	3.518	148.7E6	143.5E6	50.566	48.050
4)	MA Heptachlor	4.712	3.859	141.2E6	142.5E6	47.778	44.780
5)	MB Aldrin	5.050	4.138	133.2E6	137.1E6	48.703	46.477
6)	B beta-BHC	4.324	3.814	65963294	63531269	48.324	47.602
7)	B delta-BHC	4.567	4.044	148.1E6	140.1E6	51.155	48.557
8)	B Heptachlo...	5.475	4.641	124.8E6	128.2E6	48.241	46.087
9)	A Endosulfan I	5.856	5.010	114.4E6	117.5E6	48.433	45.157
10)	B gamma-Chl...	5.729	4.890	124.3E6	130.6E6	49.214	46.088m
11)	B alpha-Chl...	5.808	4.956	122.6E6	127.6E6	48.554	44.532
12)	B 4,4'-DDE	5.986	5.148	108.6E6	110.0E6	48.738	46.626
13)	MA Dieldrin	6.131	5.275	117.0E6	123.4E6	48.871	45.625
14)	MA Endrin	6.356	5.550	94788897	100.7E6	43.829m	43.376
15)	B Endosulfa...	6.576	5.843	96588066	101.9E6	42.135	48.886
16)	A 4,4'-DDD	6.500	5.702	95408175	97592003	52.079	51.933
17)	MA 4,4'-DDT	6.813	5.953	86632163	87518704	41.697	41.646
18)	B Endrin al...	6.706	6.023	79039572	82790393	47.517	45.337
19)	B Endosulfa...	6.939	6.247	100.2E6	107.5E6	48.393	46.230
20)	A Methoxychlor	7.291	6.531	46234869	49774498	41.906	41.018
21)	B Endrin ke...	7.420	6.751	111.0E6	125.4E6	50.320	49.122
22)	Mirex	7.891	6.934	84218777	102.0E6	48.970	44.795

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012723\
Data File : PL080589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jan 2023 23:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

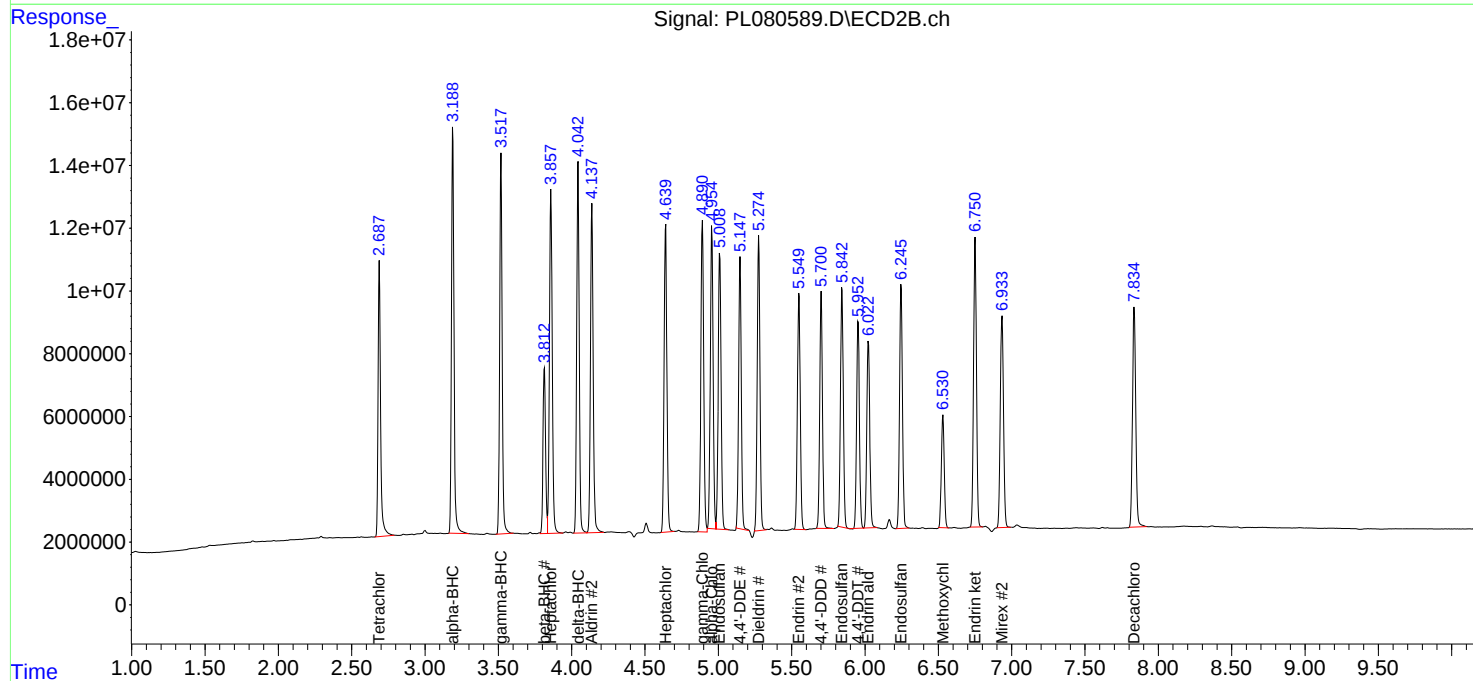
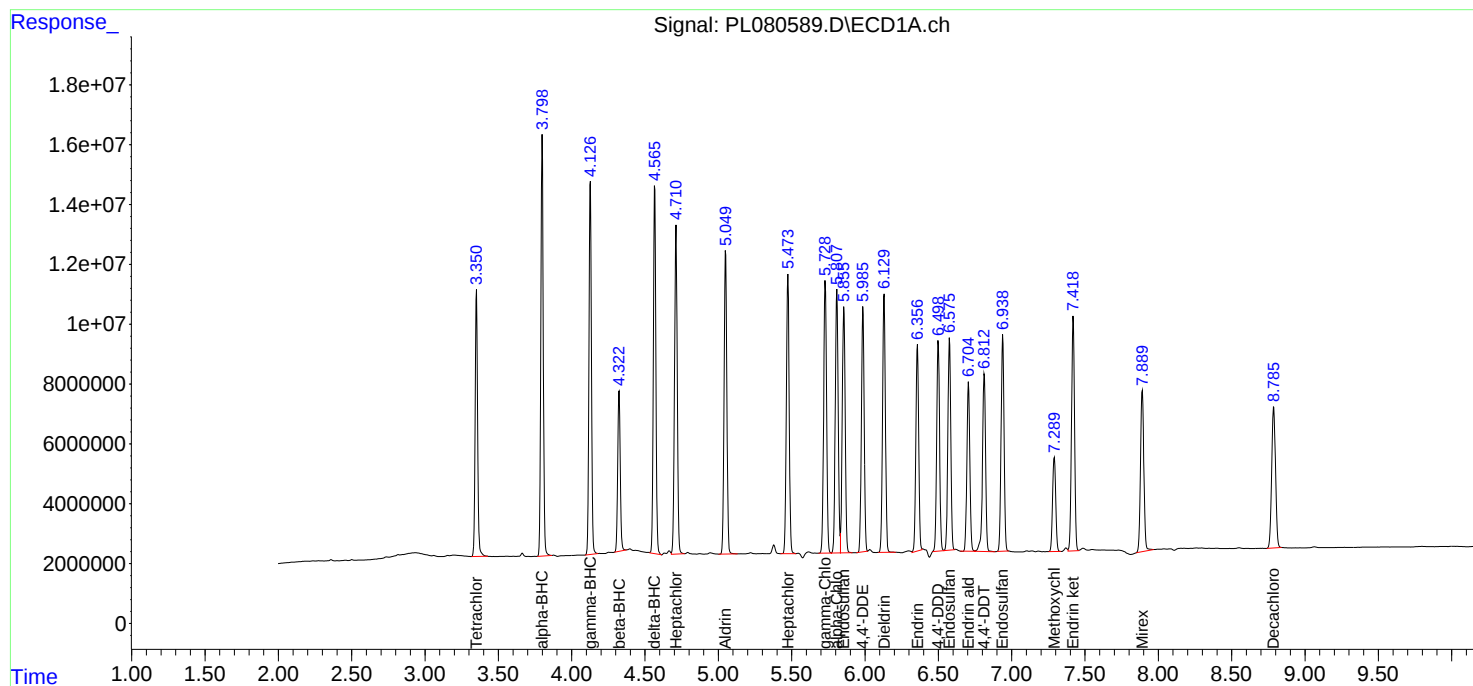
Manual Integrations

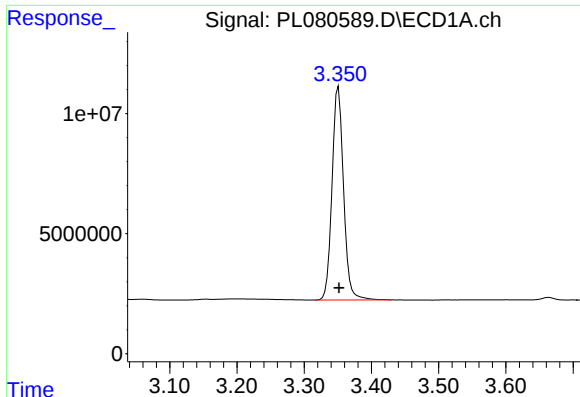
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Reviewed By :Abdul Mirza 01/30/2023
Supervised By :Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 03:34:04 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





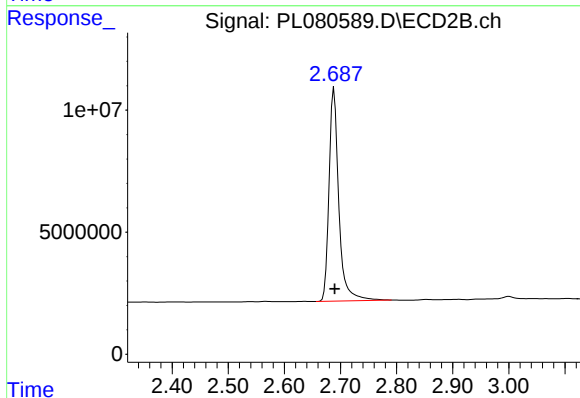
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 104654528
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

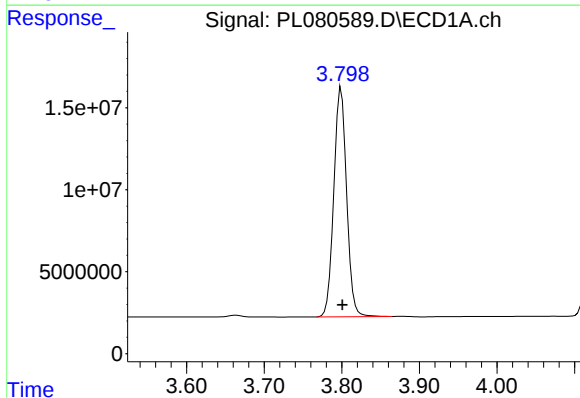
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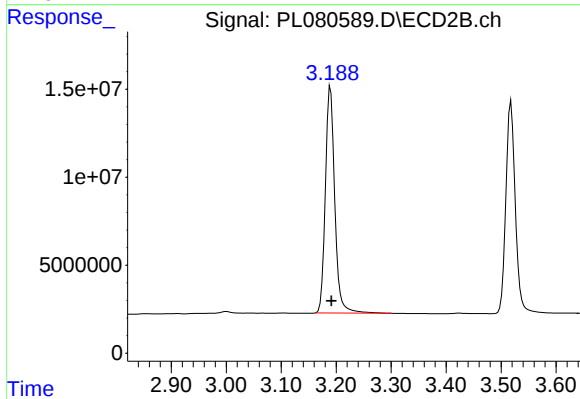
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 105926463
Conc: 48.23 ng/ml



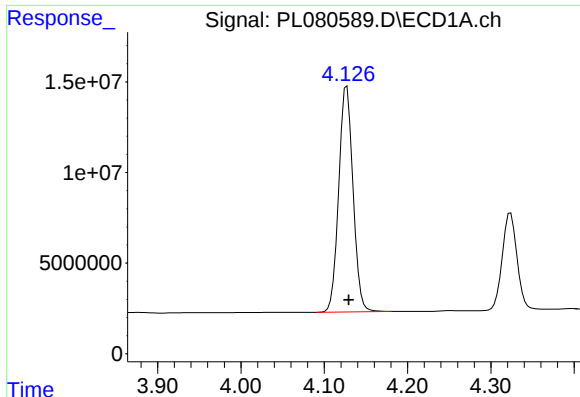
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 160238867
Conc: 50.58 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 153200132
Conc: 48.17 ng/ml



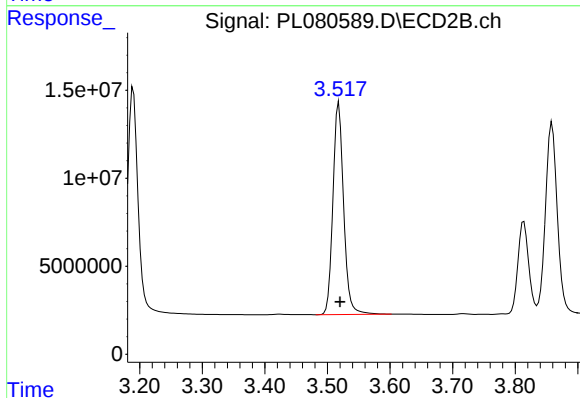
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 148652398
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

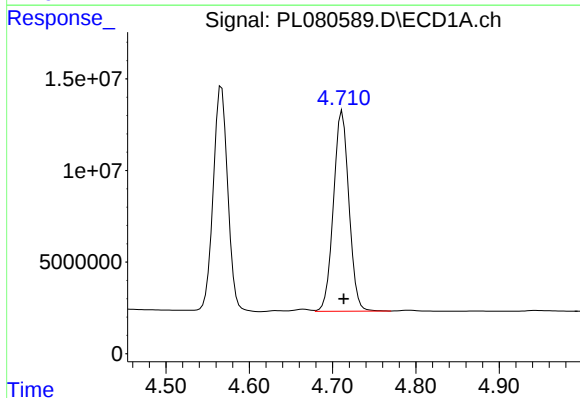
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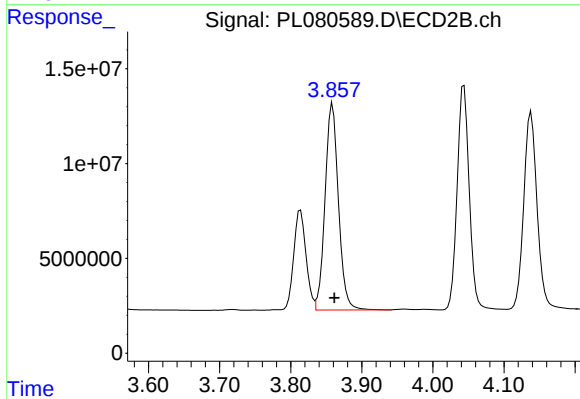
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 143540741
Conc: 48.05 ng/ml



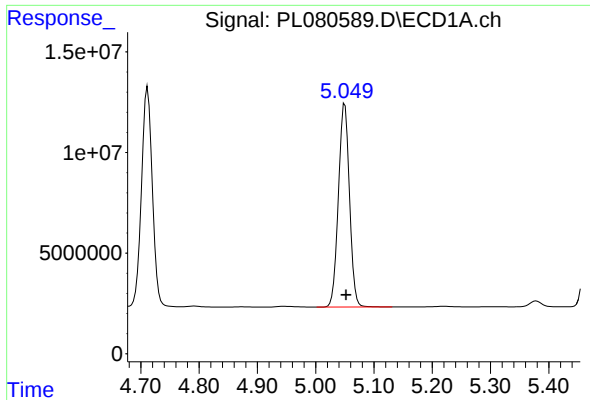
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 141194961
Conc: 47.78 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 142504708
Conc: 44.78 ng/ml



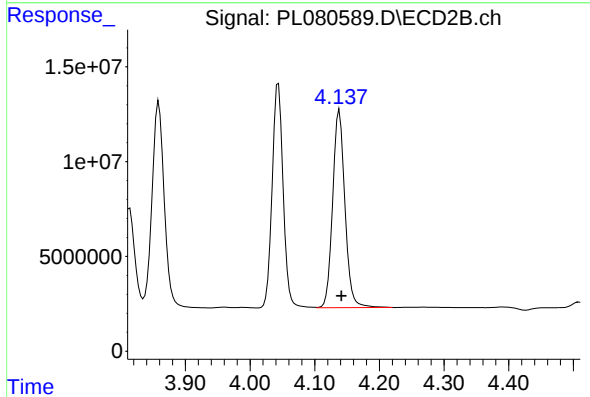
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 133242075
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

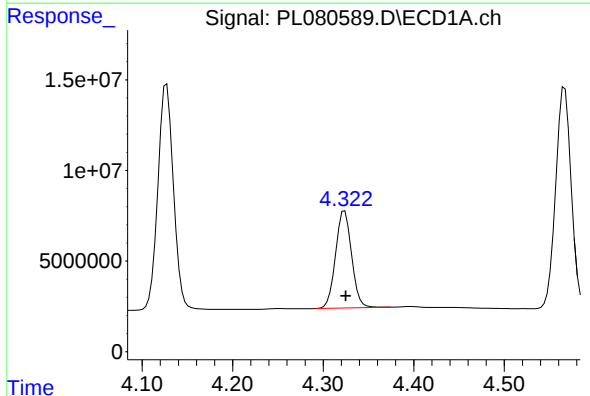
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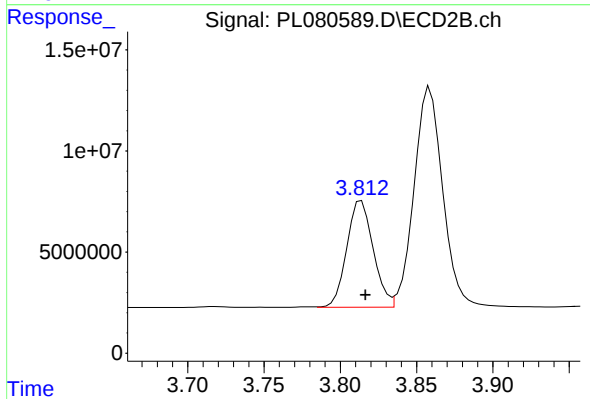
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 137086248
Conc: 46.48 ng/ml



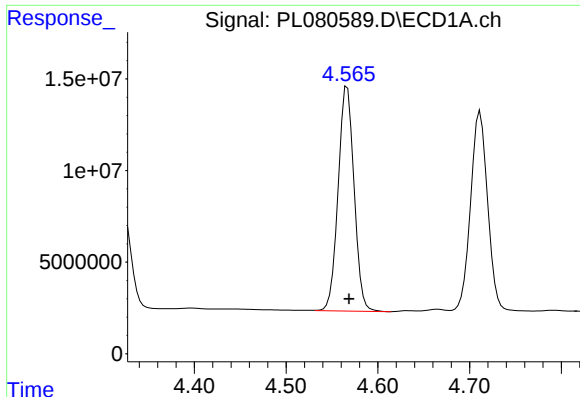
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 65963294
Conc: 48.32 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 63531269
Conc: 47.60 ng/ml



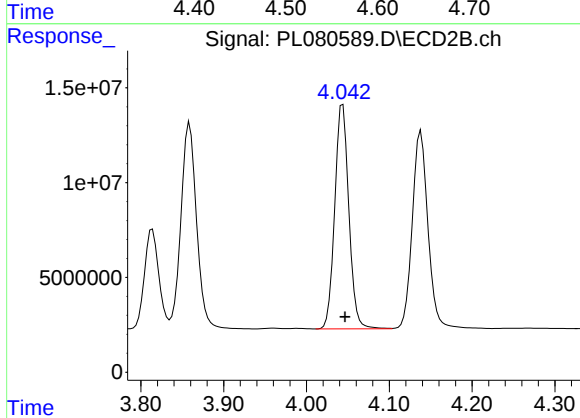
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 148094197
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

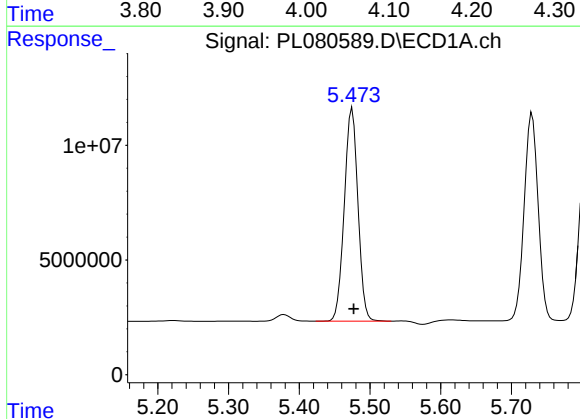
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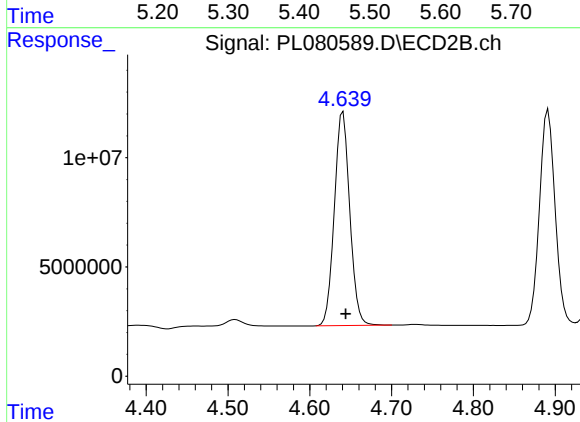
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 140058691
Conc: 48.56 ng/ml



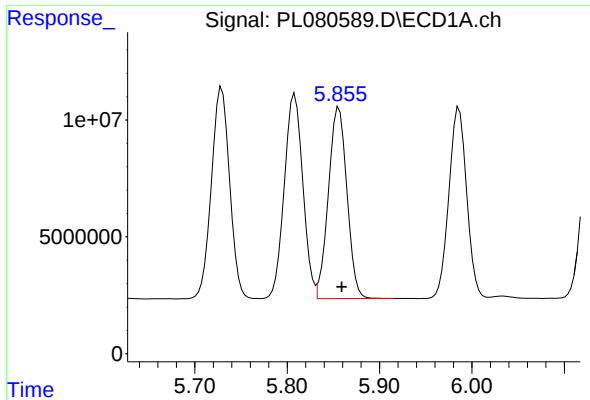
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 124802343
Conc: 48.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 128229382
Conc: 46.09 ng/ml



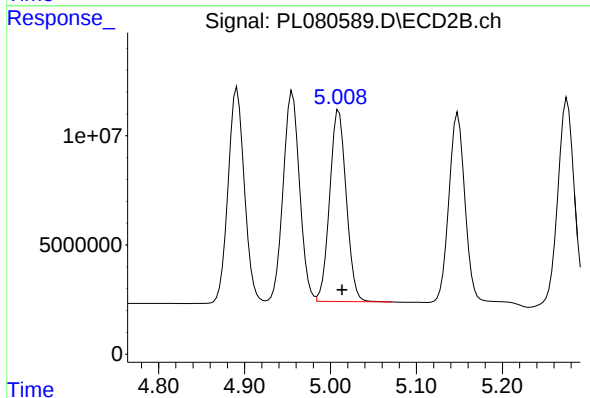
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 114372720
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

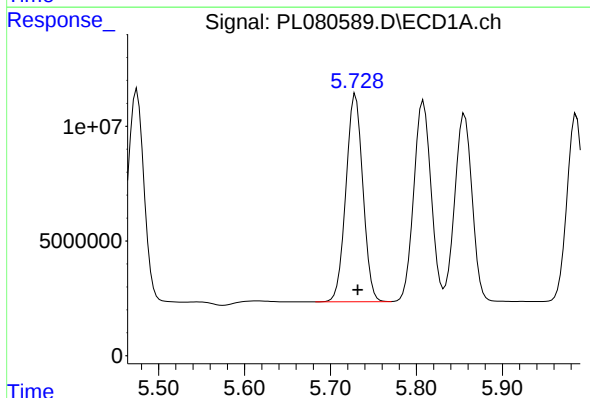
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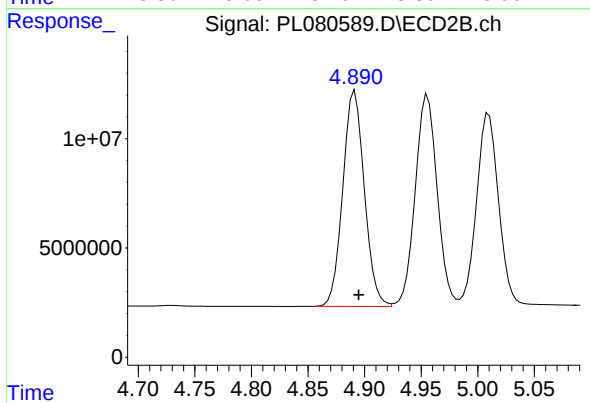
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 117467659
Conc: 45.16 ng/ml



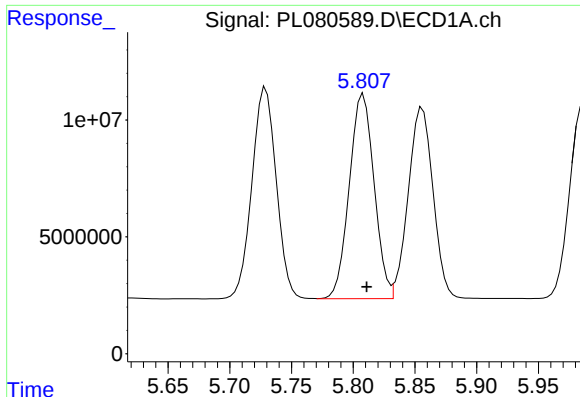
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 124299814
Conc: 49.21 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 130623355
Conc: 46.09 ng/ml m



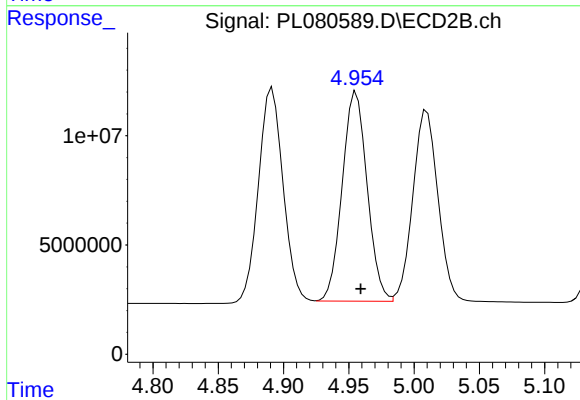
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 122562251
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

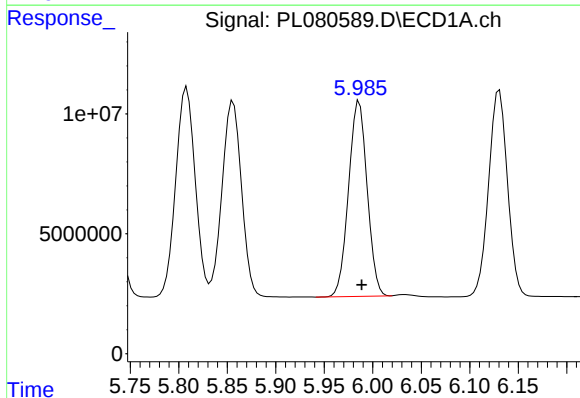
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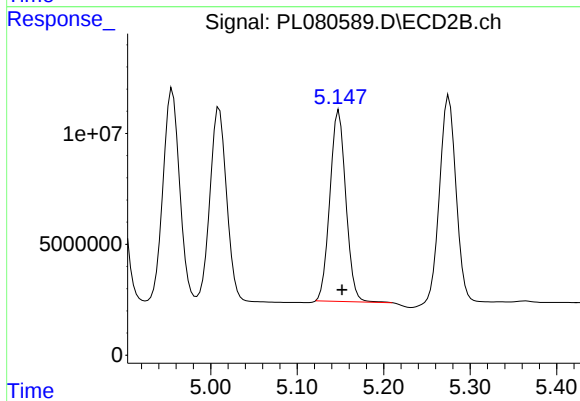
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 127570274
Conc: 44.53 ng/ml



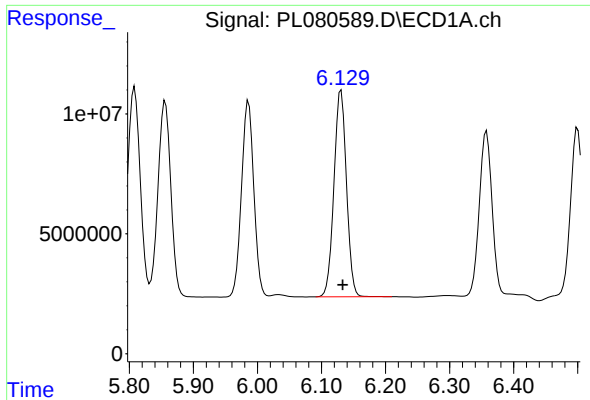
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 108556126
Conc: 48.74 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.003 min
Response: 109983745
Conc: 46.63 ng/ml



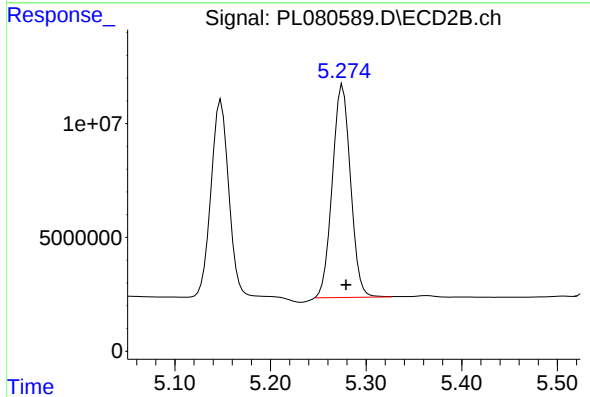
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 116966793
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

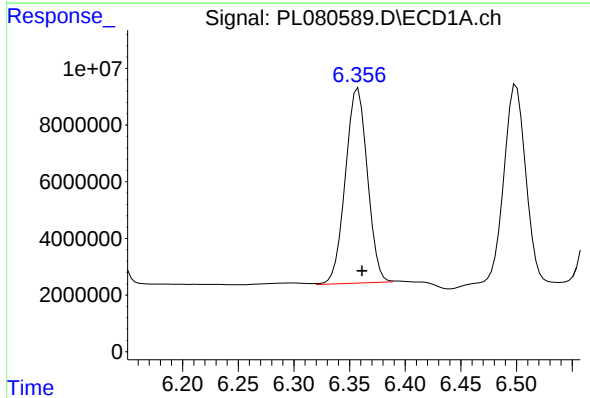
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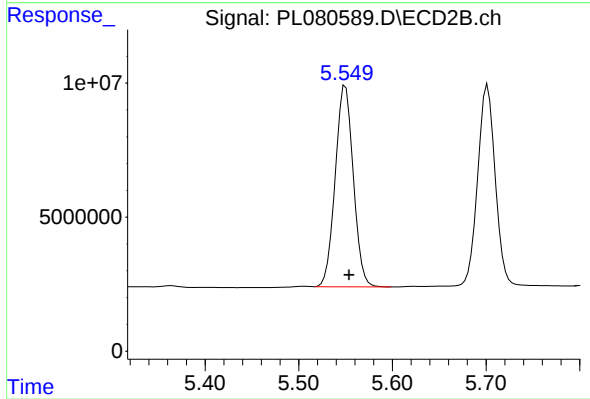
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 123414574
Conc: 45.63 ng/ml



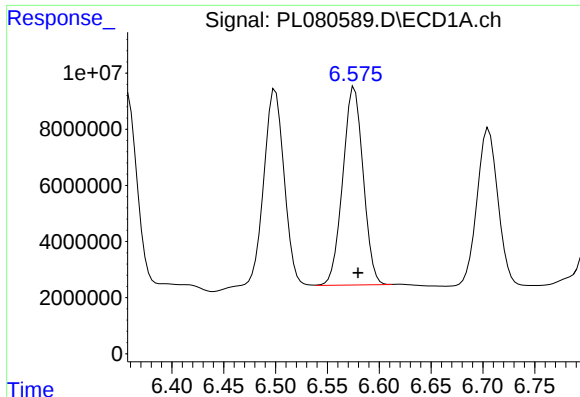
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 94788897
Conc: 43.83 ng/ml m



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 100683219
Conc: 43.38 ng/ml



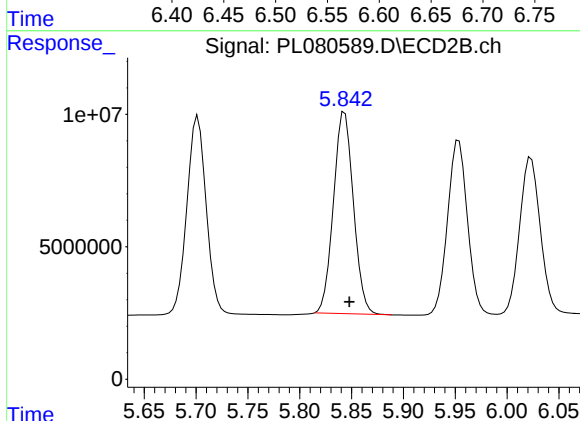
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 96588066
Conc: 42.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

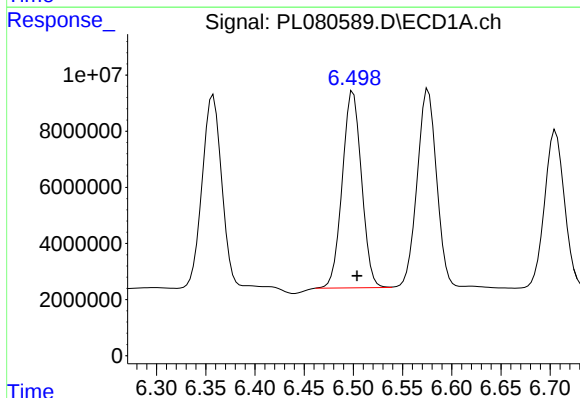
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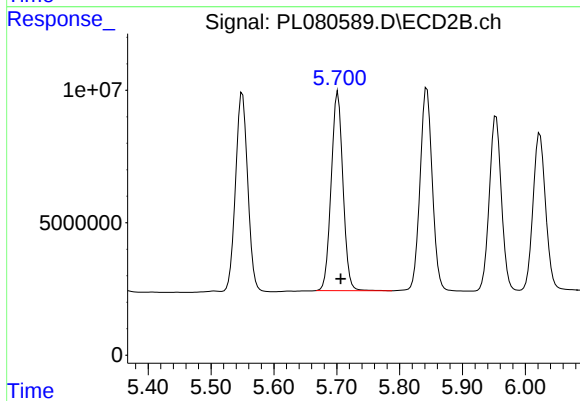
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 101864984
Conc: 48.89 ng/ml



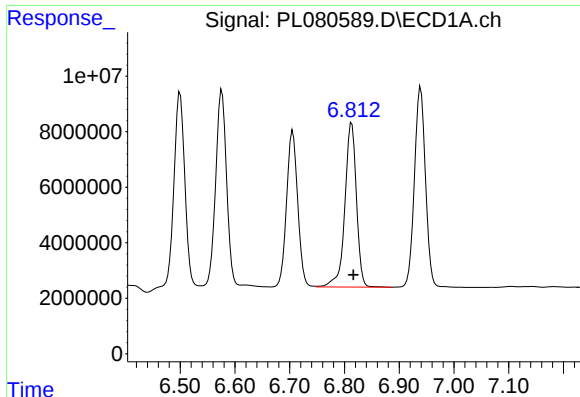
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 95408175
Conc: 52.08 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 97592003
Conc: 51.93 ng/ml



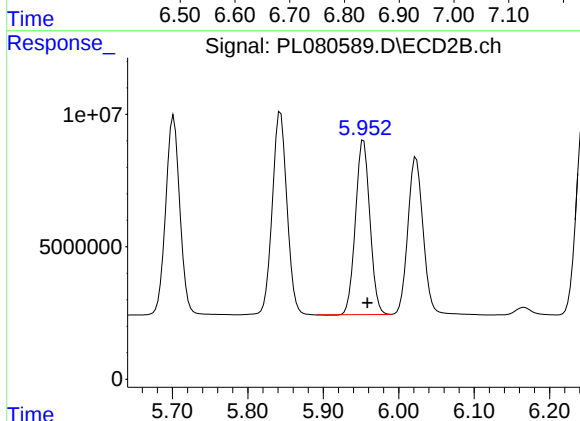
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 86632163
Conc: 41.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

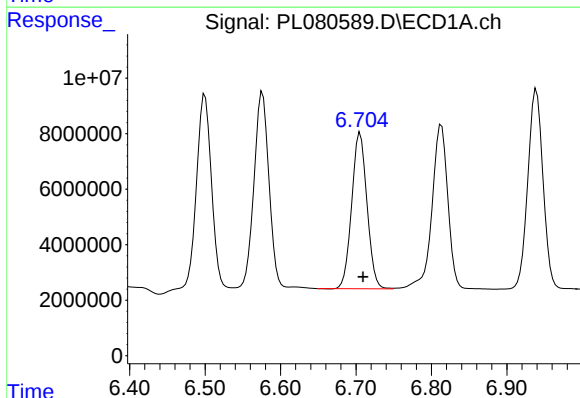
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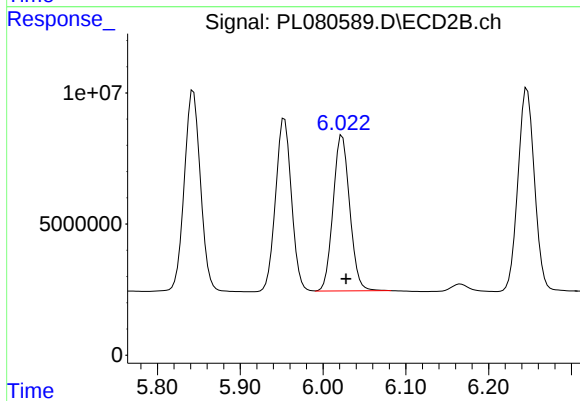
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 87518704
Conc: 41.65 ng/ml



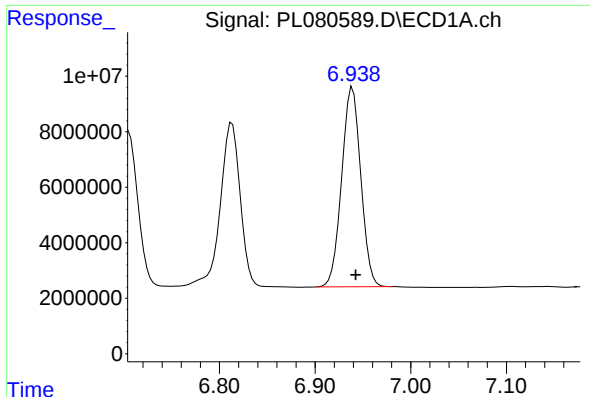
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 79039572
Conc: 47.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 82790393
Conc: 45.34 ng/ml



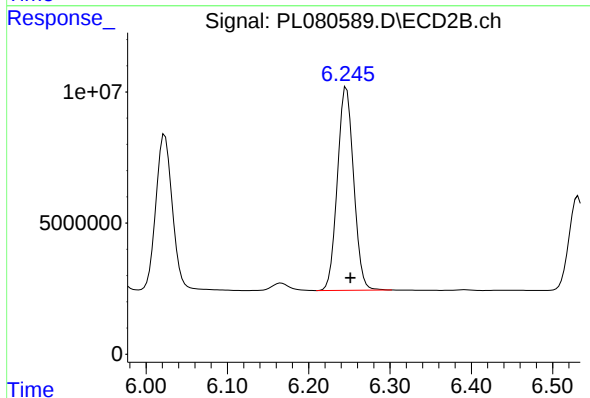
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 100169814
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

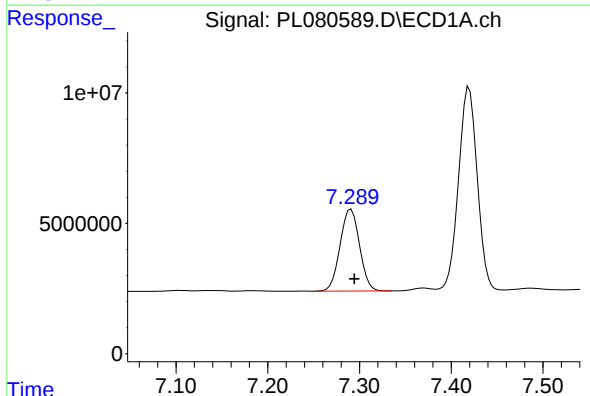
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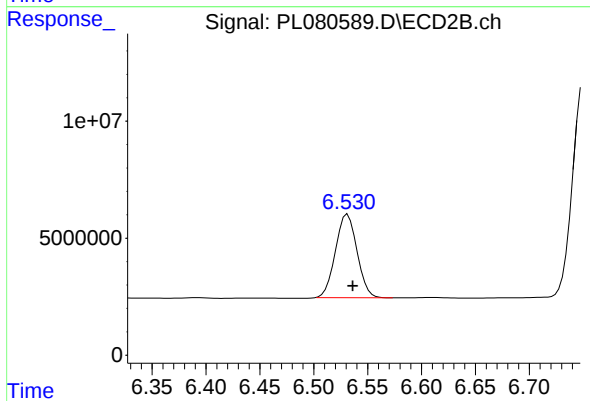
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 107515176
Conc: 46.23 ng/ml



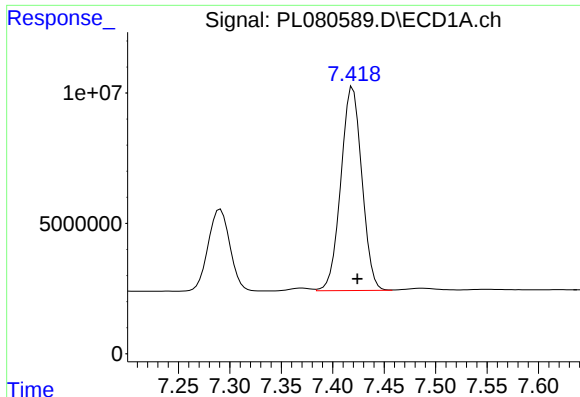
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 46234869
Conc: 41.91 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 49774498
Conc: 41.02 ng/ml



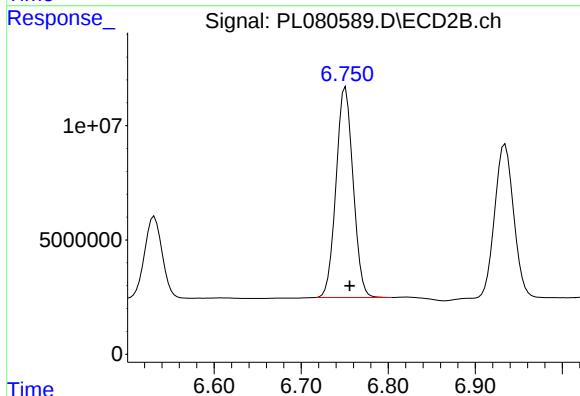
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 111023468
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

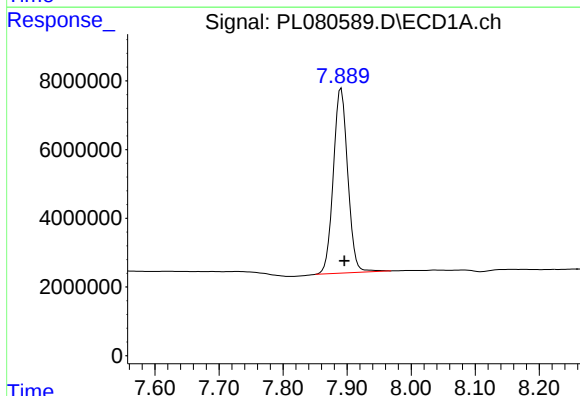
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/30/2023
Supervised By :Ankita Jodhani 01/30/2023



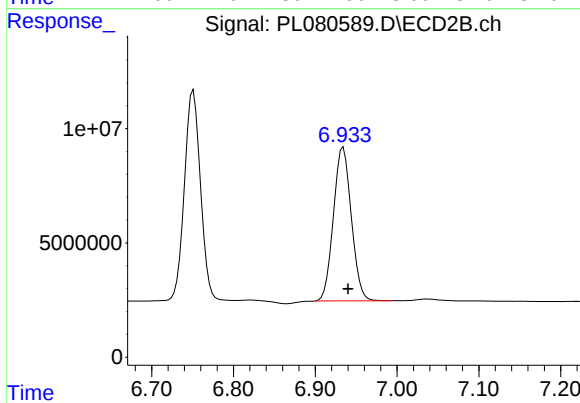
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 125420745
Conc: 49.12 ng/ml



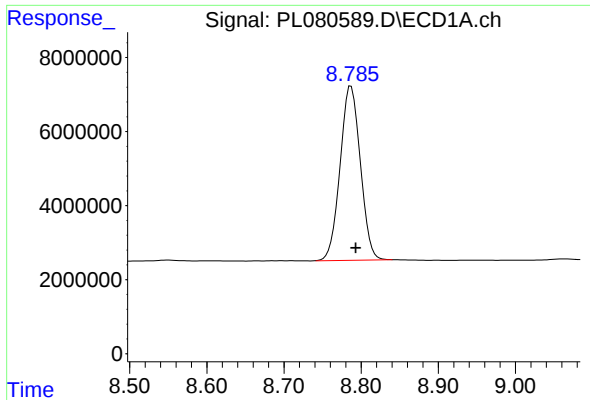
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 84218777
Conc: 48.97 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 101985867
Conc: 44.79 ng/ml



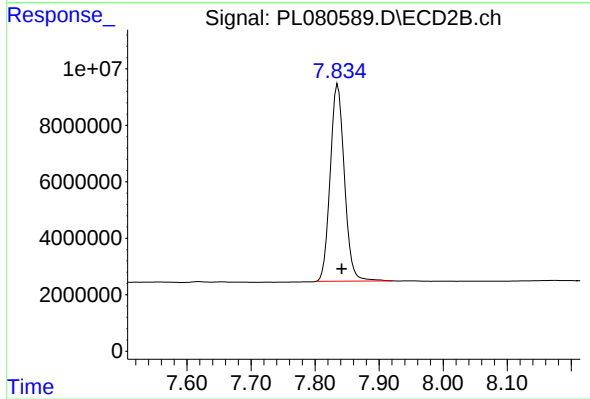
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 85624865
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 01/30/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 107635242
Conc: 45.18 ng/ml