

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
 Data File : PL080835.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 10:46
 Operator : AR\AJ
 Sample : 01481-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 JPP-39-020723MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/13/2023
 Supervised By :Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:24:16 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...	3.350	2.688	37312581	38568610	17.397m	17.559
20) SA Decachlor...	8.789	7.831	35973112	34775842	20.547	14.596 #
Target Compounds						
2) A alpha-BHC	3.799	3.188	154.0E6	147.2E6	48.610	46.294
3) MA gamma-BHC...	4.126	3.517	143.9E6	140.9E6	48.956m	47.175
4) MA Heptachlor	4.711	3.857	144.7E6	145.7E6	48.979	45.788
5) MB Aldrin	5.049	4.136	138.1E6	138.4E6	50.490	46.938
6) B beta-BHC	4.323	3.812	63634935	55682084	46.618m	41.721m
7) B delta-BHC	4.567	4.042	130.8E6	119.2E6	45.171	41.324
8) B Heptachlo...	5.474	4.638	115.1E6	118.5E6	44.500	42.573
9) A Endosulfan I	5.855	5.008	107.5E6	86587942	45.501	33.286m#
10) B gamma-Chl...	5.728	4.888	124.3E6	125.0E6	49.200	44.092m
11) B alpha-Chl...	5.807	4.954	121.3E6	119.4E6	48.069	41.691
12) B 4,4'-DDE	5.987	5.145	85302801	109.6E6	38.298	46.464m
13) MA Dieldrin	6.130	5.272	111.2E6	125.2E6	46.461	46.288m
14) MA Endrin	6.357	5.547	94351809	105.7E6	43.627	45.524
15) B Endosulfa...	6.575	5.842	85627419	93681018	37.354	44.958
16) A 4,4'-DDD	6.499	5.700	83940087	80052671	45.819	42.599
17) MA 4,4'-DDT	6.812	5.949	89945947	88406734	43.292	42.069m
18) B Endrin al...	6.705	6.021	73308956	69906071	44.072	38.281
19) B Endosulfa...	6.939	6.244	86311917	92949025	41.698	39.966
20) A Methoxychlor	7.289	6.528	46165620	51533747	41.844m	42.468m
21) B Endrin ke...	7.419	6.748	87503023	91861485	39.660	35.979
22) Mirex	7.891	6.932	74392590	74756471	43.257	32.835

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080835.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 10:46
Operator : AR\AJ
Sample : 01481-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

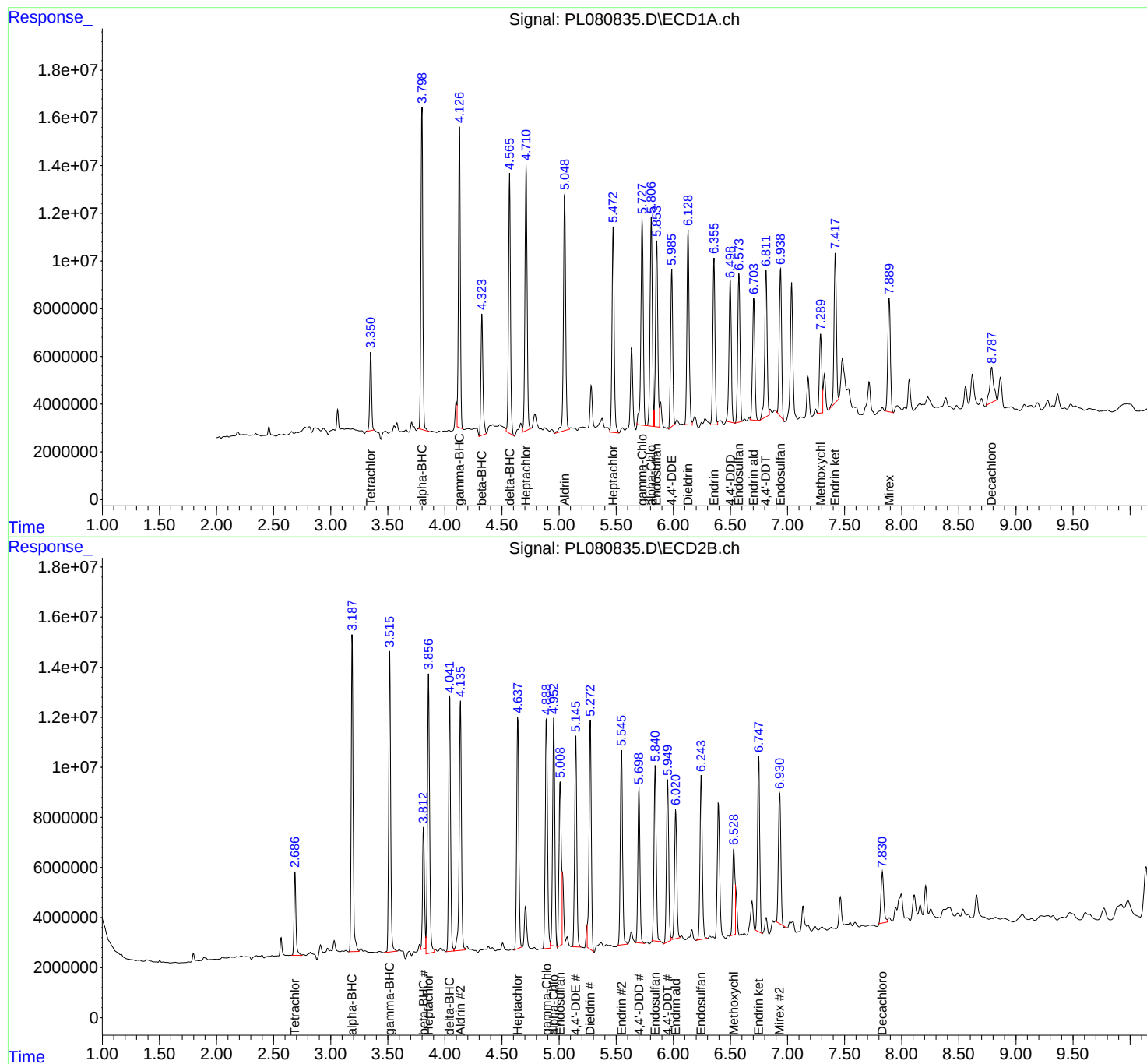
Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

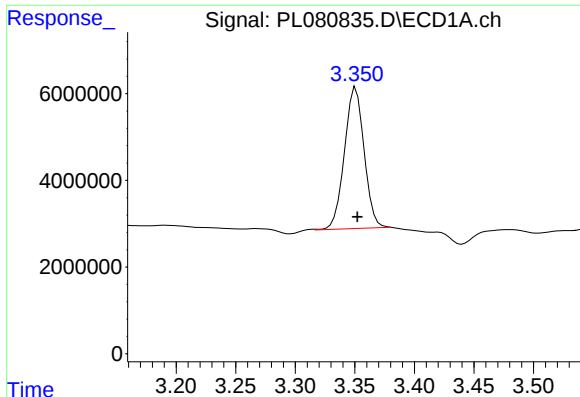
Manual Integrations
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Supervised By :Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:24:16 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





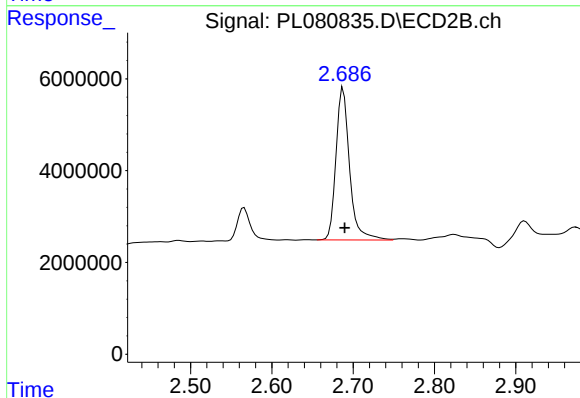
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 37312581
Conc: 17.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

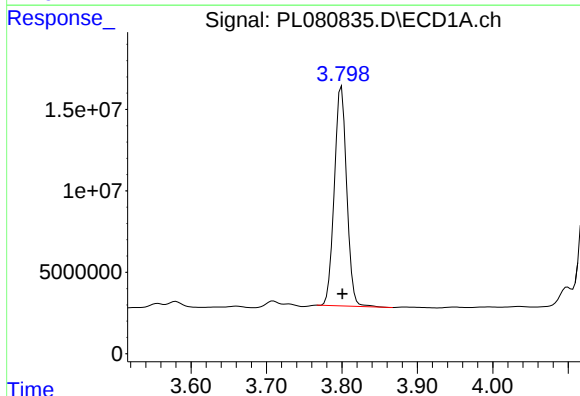
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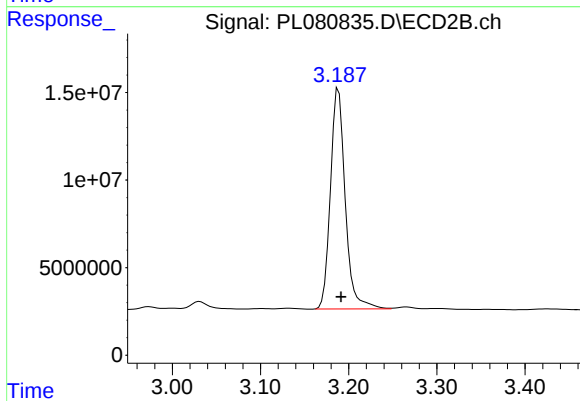
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 38568610
Conc: 17.56 ng/ml



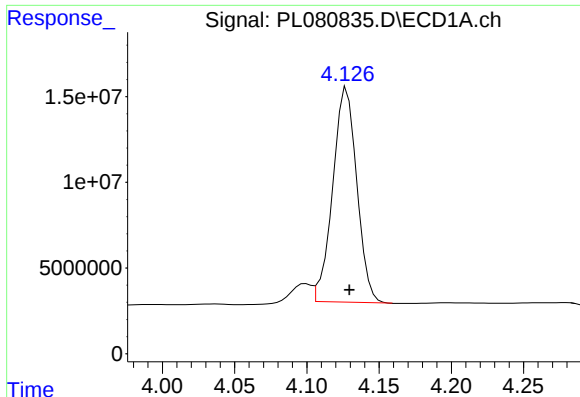
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 153998544
Conc: 48.61 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 147234226
Conc: 46.29 ng/ml



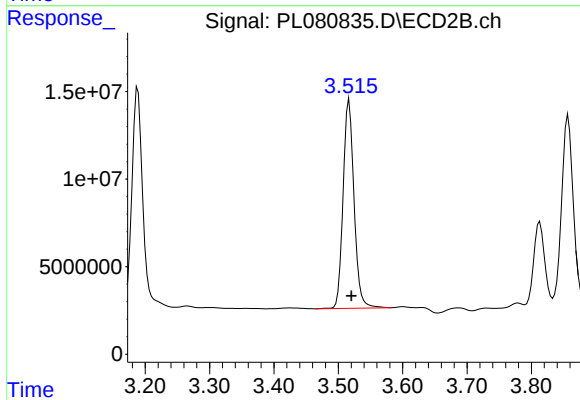
#3 gamma-BHC (Lindane)

R.T.: 4.126 min
Delta R.T.: -0.003 min
Response: 143920609
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

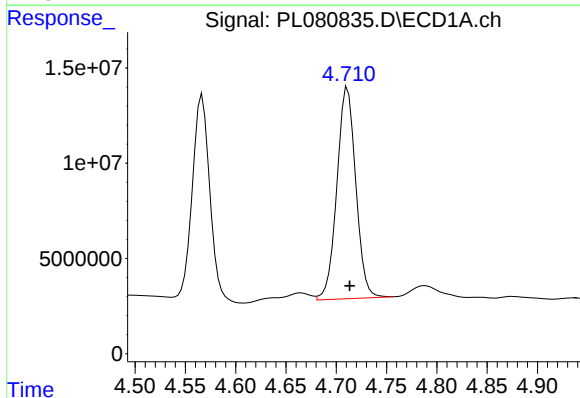
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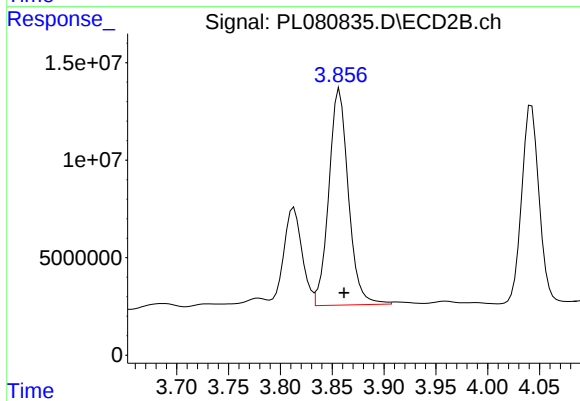
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 140927515
Conc: 47.18 ng/ml



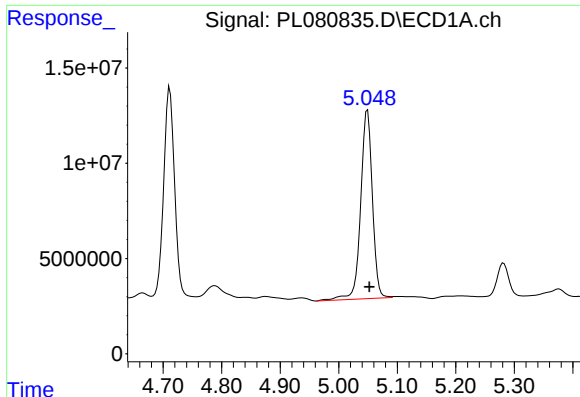
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 144744000
Conc: 48.98 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 145712722
Conc: 45.79 ng/ml



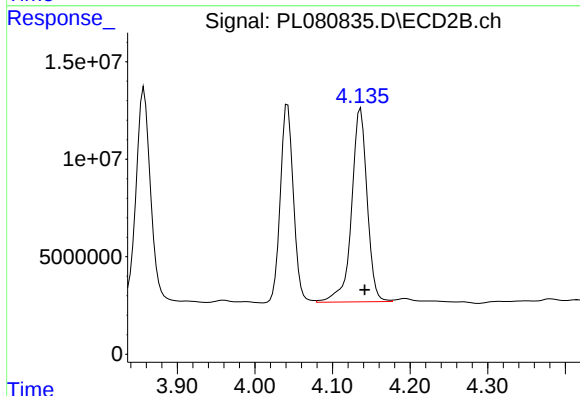
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 138128805
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

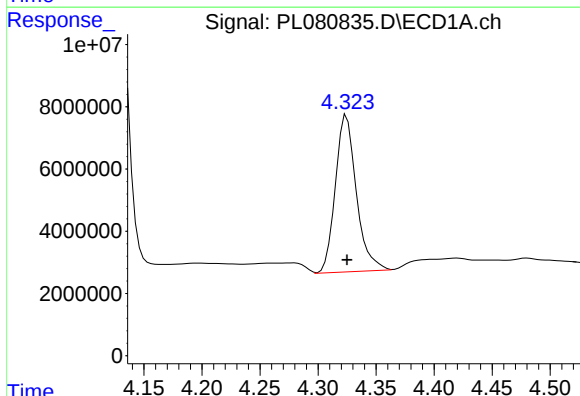
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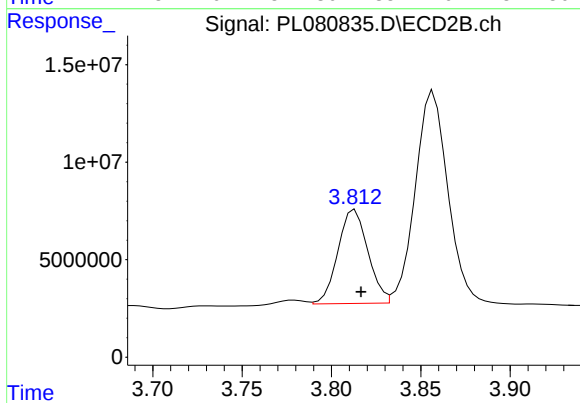
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 138448361
Conc: 46.94 ng/ml



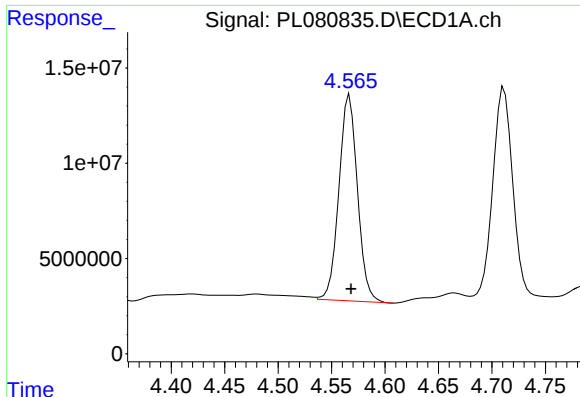
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 63634935
Conc: 46.62 ng/ml m



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.005 min
Response: 55682084
Conc: 41.72 ng/ml m



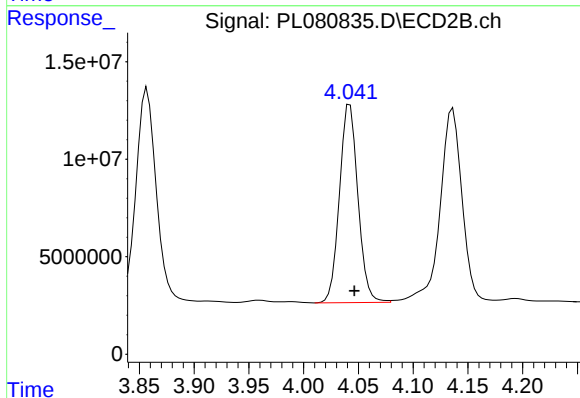
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 130770226
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

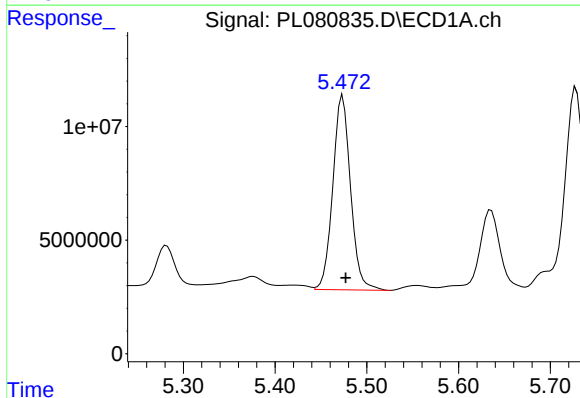
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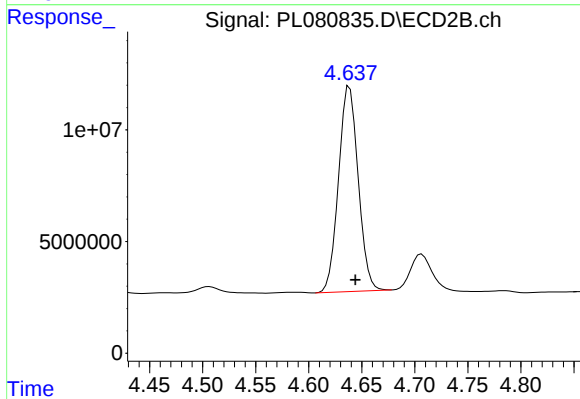
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 119196560
Conc: 41.32 ng/ml



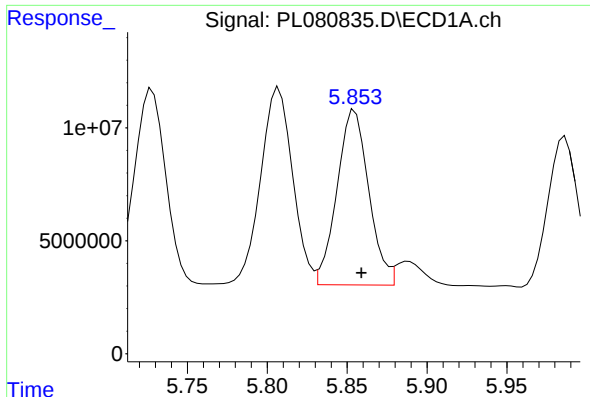
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 115125040
Conc: 44.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 118453753
Conc: 42.57 ng/ml



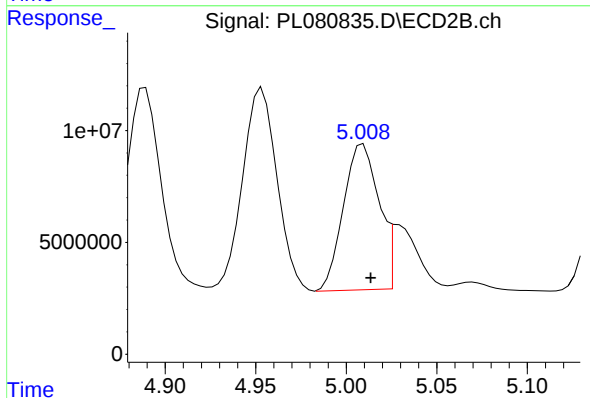
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 107450067
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

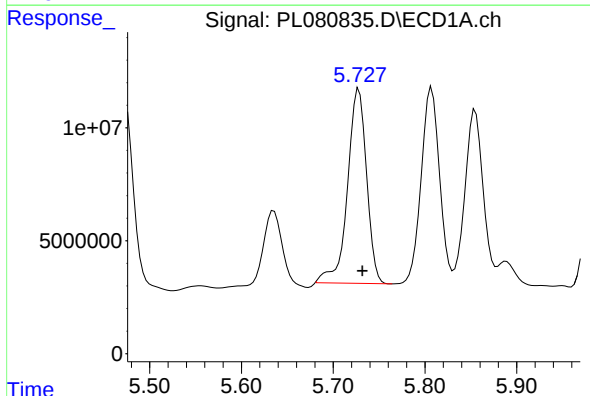
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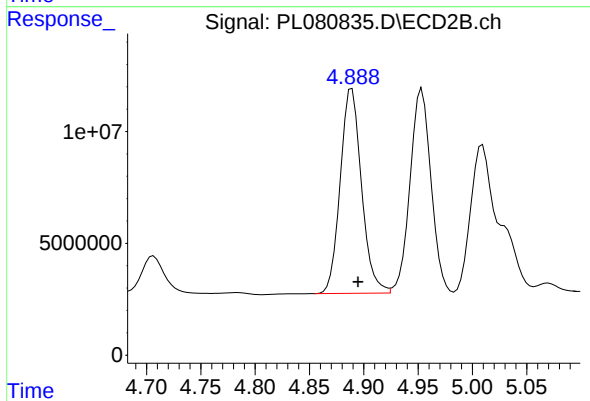
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 86587942
Conc: 33.29 ng/ml m



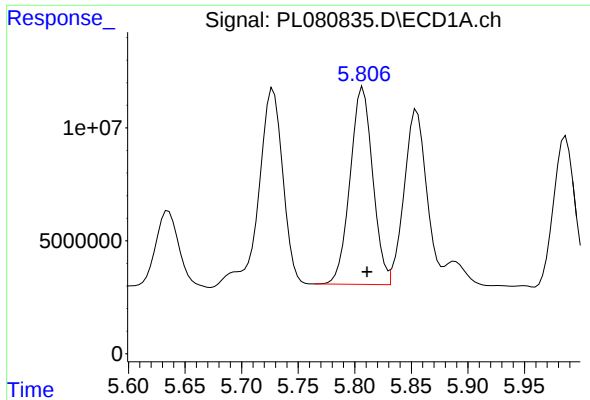
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 124264565
Conc: 49.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 124966529
Conc: 44.09 ng/ml m



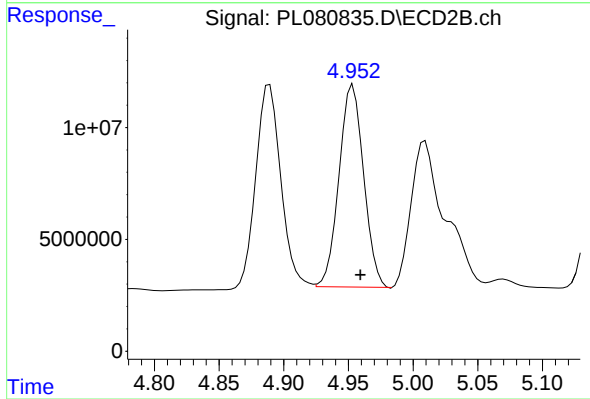
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 121337926
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

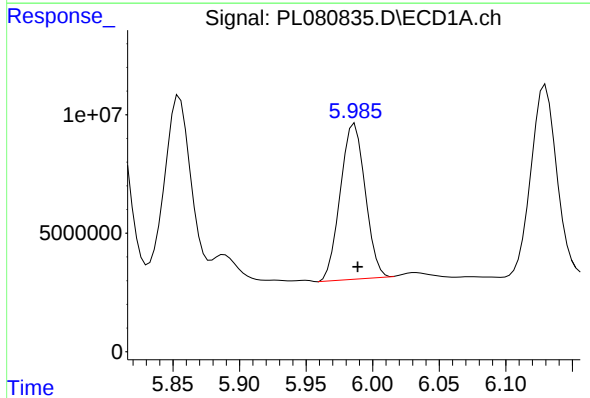
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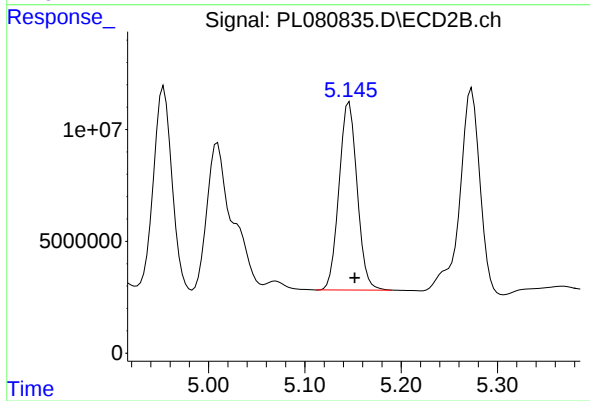
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.006 min
Response: 119430708
Conc: 41.69 ng/ml



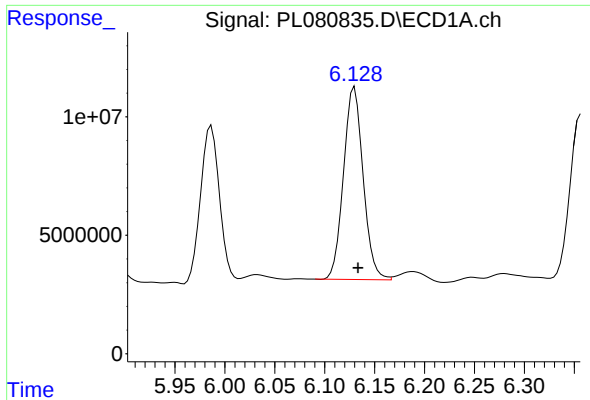
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 85302801
Conc: 38.30 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 109600386
Conc: 46.46 ng/ml m



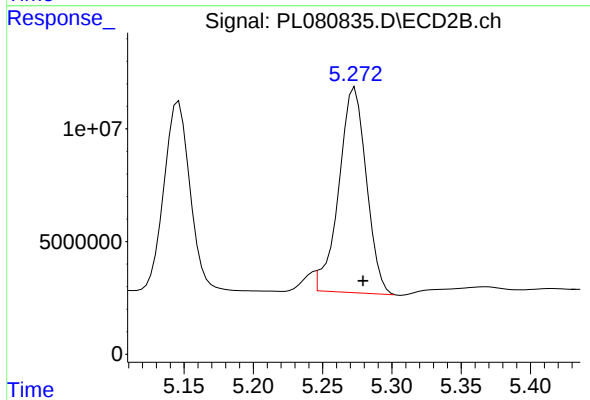
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 111196816
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

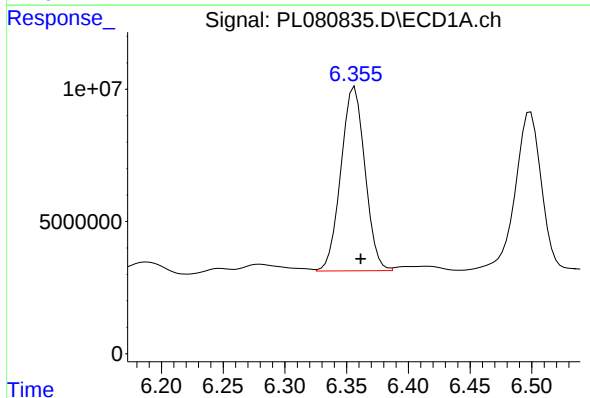
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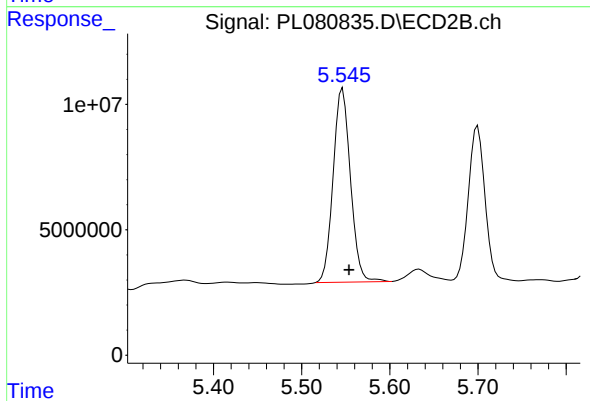
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.007 min
Response: 125208596
Conc: 46.29 ng/ml m



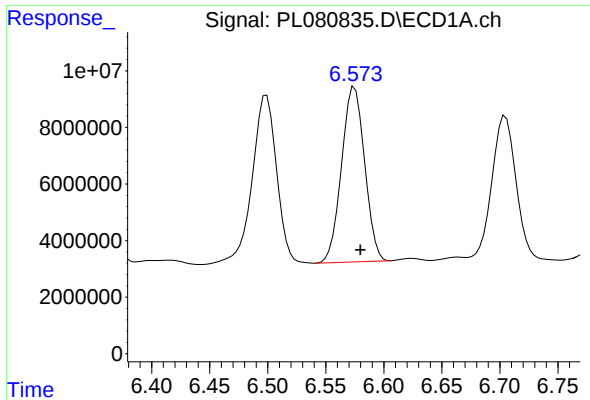
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.005 min
Response: 94351809
Conc: 43.63 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 105667775
Conc: 45.52 ng/ml



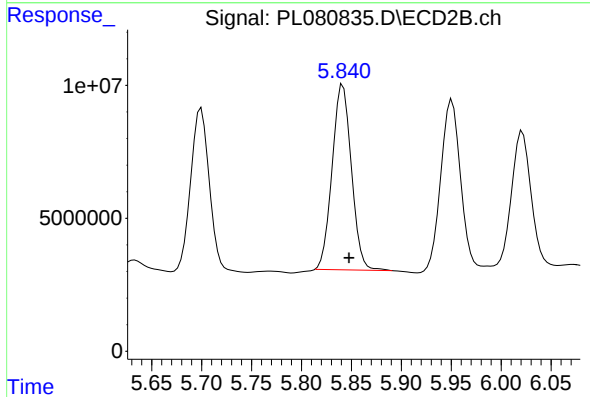
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 85627419
Conc: 37.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

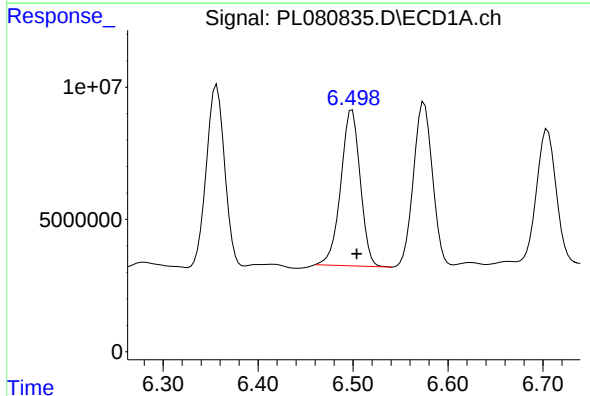
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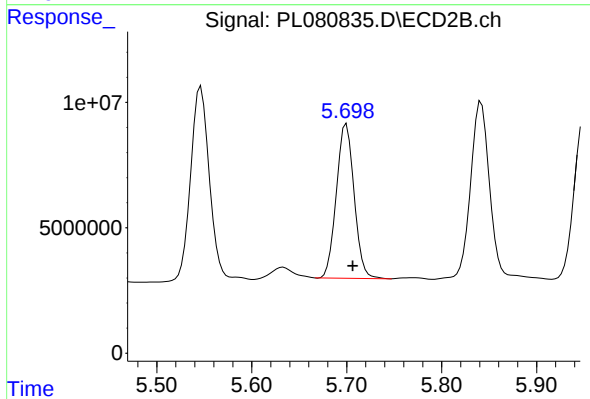
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 93681018
Conc: 44.96 ng/ml



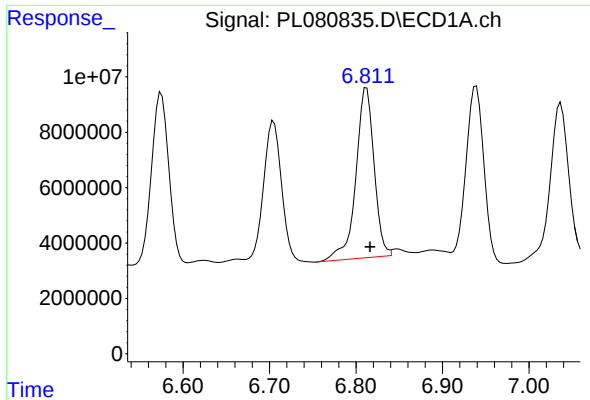
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 83940087
Conc: 45.82 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.007 min
Response: 80052671
Conc: 42.60 ng/ml



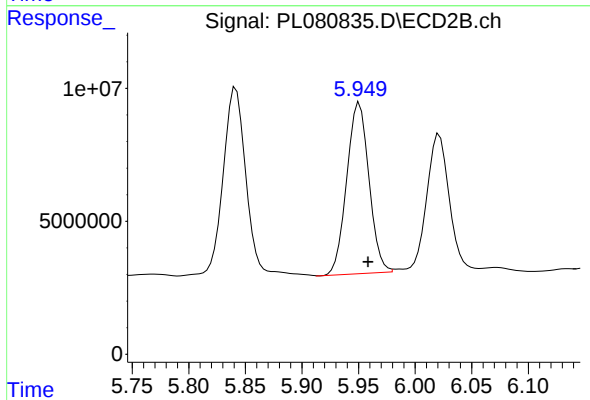
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 89945947
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

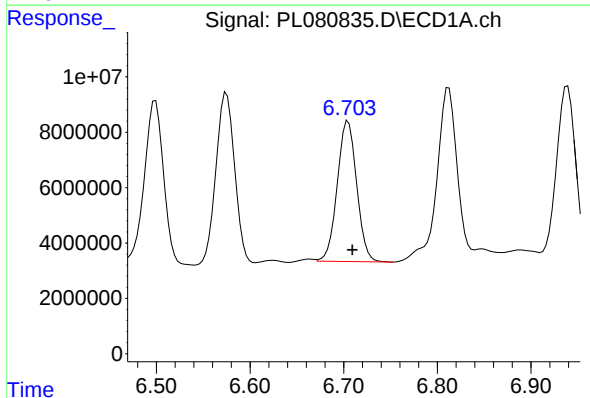
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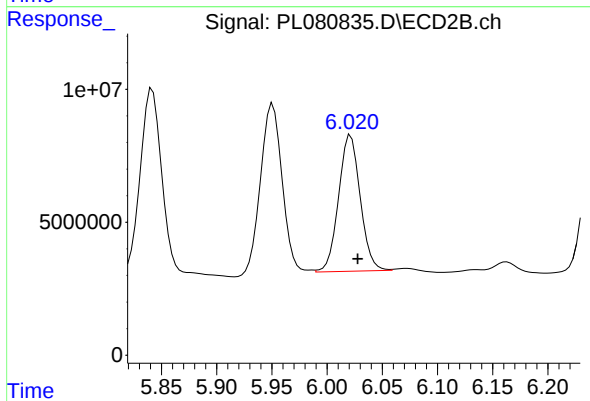
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 88406734
Conc: 42.07 ng/ml m



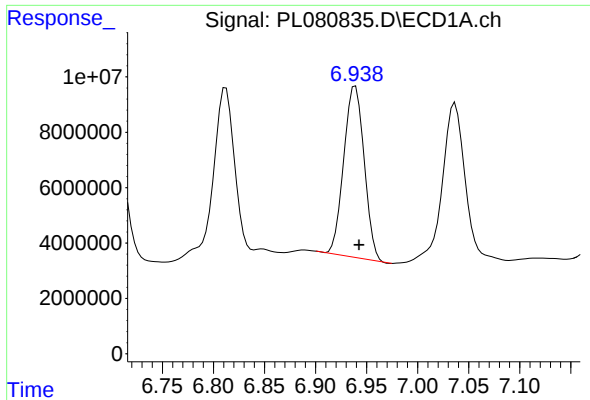
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 73308956
Conc: 44.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 69906071
Conc: 38.28 ng/ml



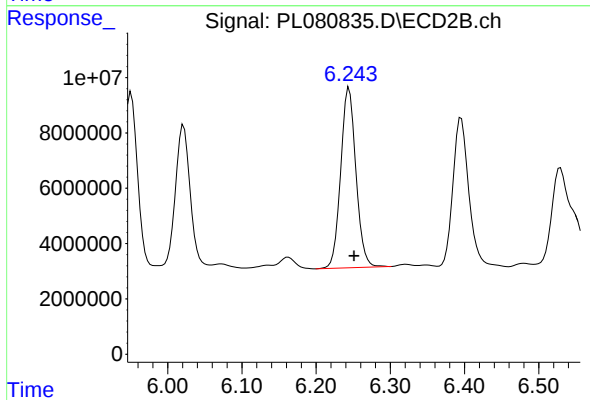
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 86311917
Conc: 41.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

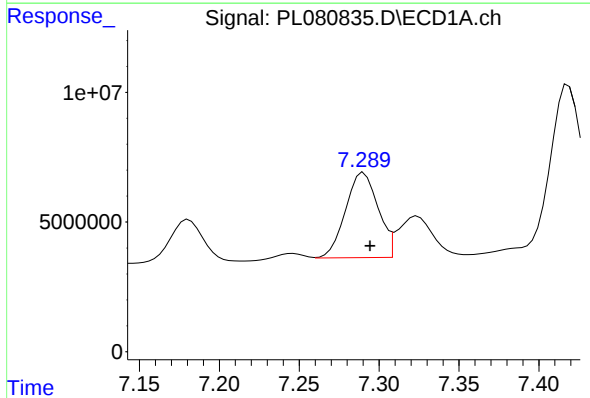
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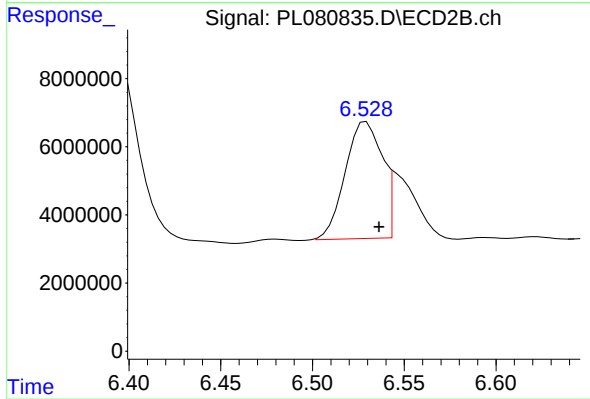
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 92949025
Conc: 39.97 ng/ml



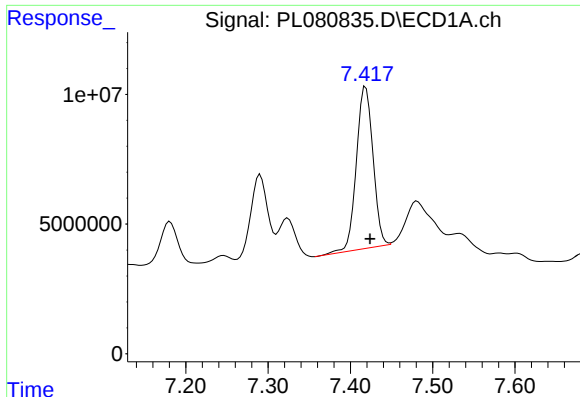
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 46165620
Conc: 41.84 ng/ml m



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 51533747
Conc: 42.47 ng/ml m



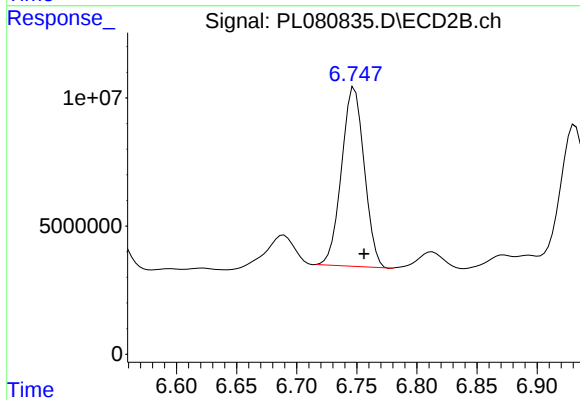
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 87503023
Conc: 39.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

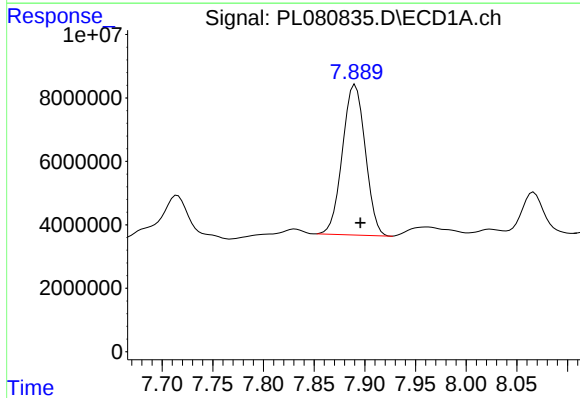
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2023
Supervised By :Ankita Jodhani 02/13/2023



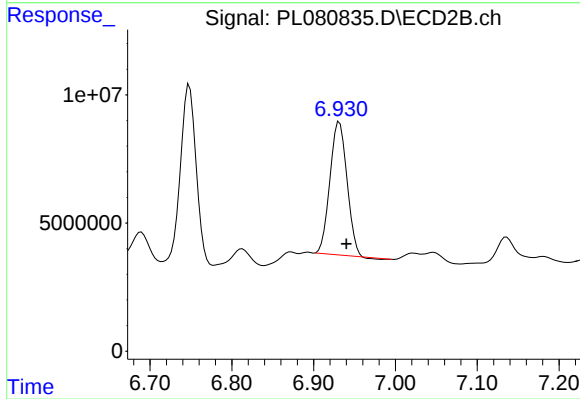
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 91861485
Conc: 35.98 ng/ml



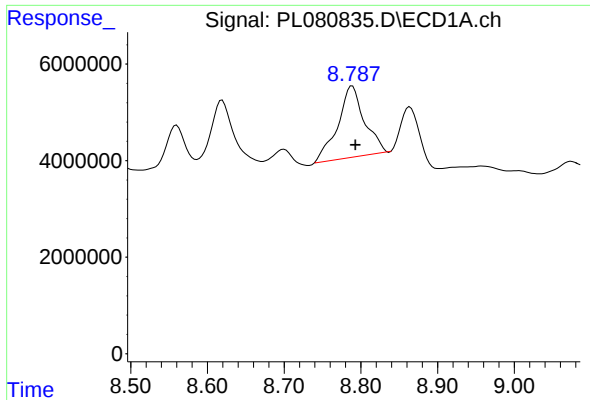
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 74392590
Conc: 43.26 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.009 min
Response: 74756471
Conc: 32.84 ng/ml



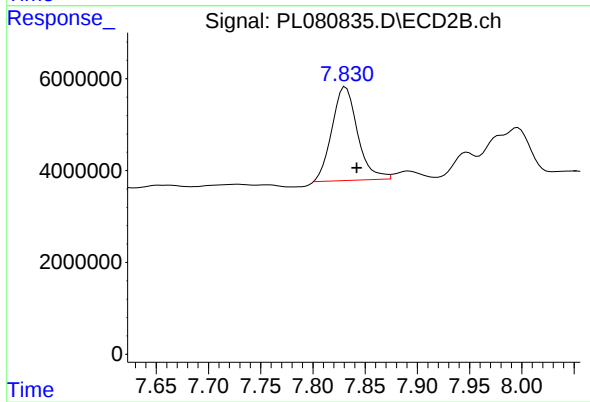
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 35973112
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
JPP-39-020723MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.831 min
Delta R.T.: -0.011 min
Response: 34775842
Conc: 14.60 ng/ml