

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 19:06
 Operator : AR\AJ
 Sample : 05745-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/13/2023
 Supervised By :Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 21:48:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 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...	3.453	2.703	46967371	16213910	12.873m	16.417 #
28)	SA Decachlor...	9.049	7.899	36352987	14817024	12.010	14.465
Target Compounds							
2)	A alpha-BHC	3.913	3.210	206.3E6	52428860	39.276	39.702
3)	MA gamma-BHC...	4.249	3.541	188.4E6	51921085	38.353	39.654
4)	MA Heptachlor	4.843	3.885	192.1E6	49555647	37.898	38.168
5)	MB Aldrin	5.188	4.166	185.0E6	47893992	38.585	39.035
6)	B beta-BHC	4.449	3.844	81809508	23798086	38.939	39.890
7)	B delta-BHC	4.696	4.073	182.0E6	50074121	39.785	39.021
8)	B Heptachlo...	5.620	4.674	167.1E6	46374507	39.416	40.188
9)	A Endosulfan I	6.008	5.045	164.6E6	55058419	40.794	45.291
10)	B gamma-Chl...	5.879	4.928	192.1E6	58358212	44.768	47.686
11)	B alpha-Chl...	5.961	4.992	182.8E6	56622767	42.739	45.007
12)	B 4,4'-DDE	6.145	5.191	144.9E6	45952128	44.258	44.207
13)	MA Dieldrin	6.288	5.313	165.9E6	47916292	40.700	41.178
14)	MA Endrin	6.518	5.588	133.6E6	43607234	40.101	42.651
15)	B Endosulfa...	6.741	5.886	130.7E6	39647339	36.070	40.506
16)	A 4,4'-DDD	6.668	5.749	113.7E6	38165670	46.733	46.027
17)	MA 4,4'-DDT	6.986	6.003	120.9E6	36981409	42.792m	42.154
18)	B Endrin al...	6.874	6.069	99683870	31226488	42.348	39.190
19)	B Endosulfa...	7.111	6.293	135.8E6	40642727	41.298m	43.501
20)	A Methoxychlor	7.479	6.589	64015328	22231616	43.774	40.775
21)	B Endrin ke...	7.600	6.799	136.5E6	42375063	42.075	39.428
22)	Mirex	8.079	6.982	111.9E6	37251967	38.014	39.640

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
Data File : PL087112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2023 19:06
Operator : AR\AJ
Sample : 05745-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

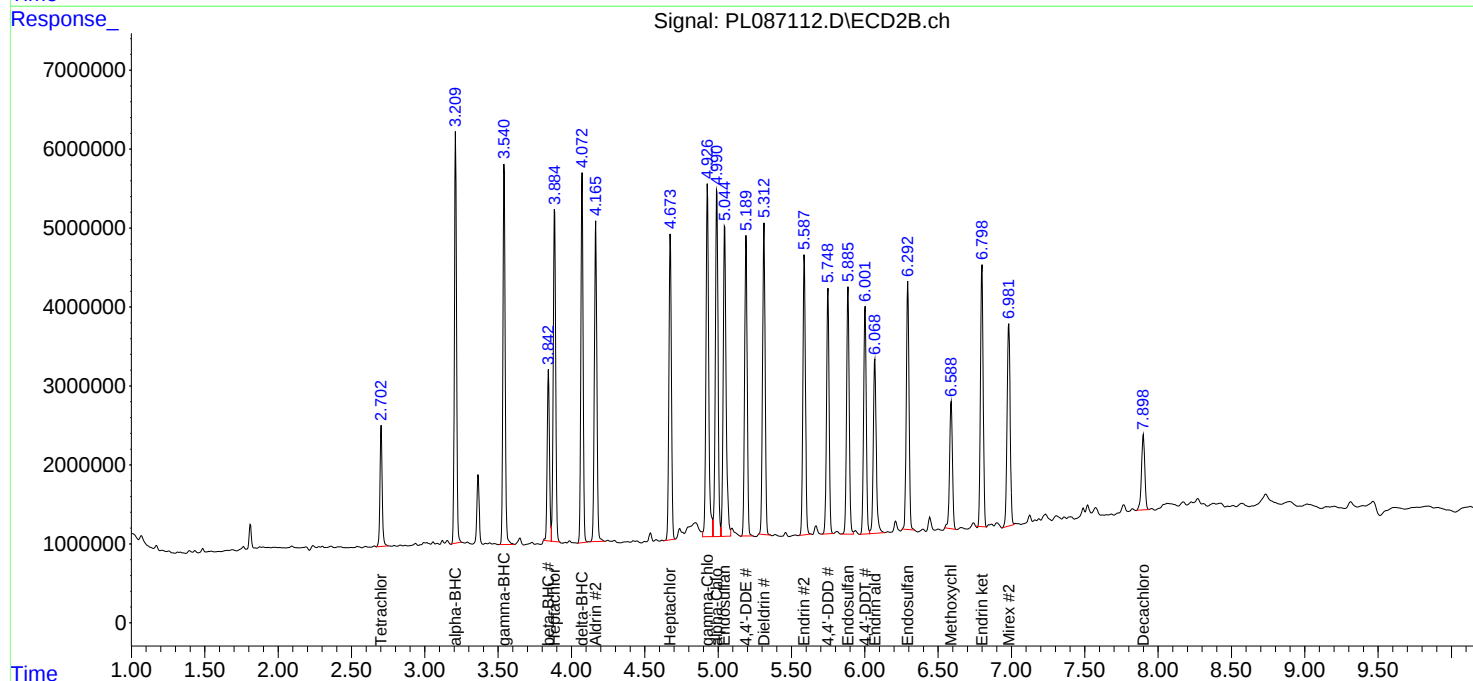
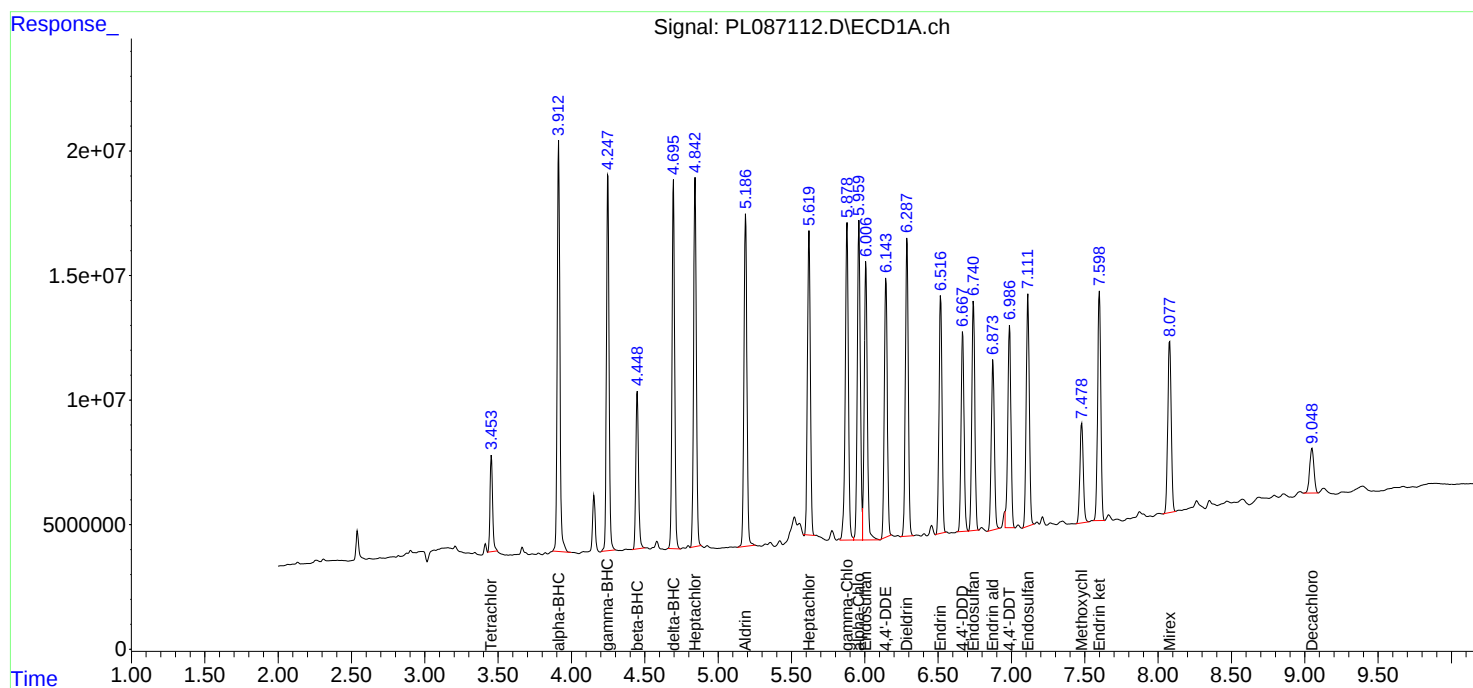
Instrument :
ECD_L
ClientSampleId :
WC-1MSD

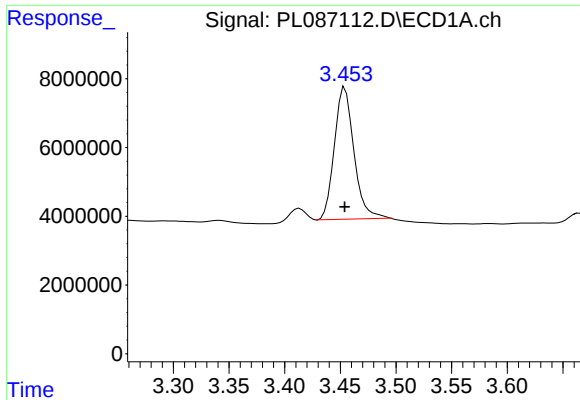
Manual Integrations
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Supervised By :Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 21:48:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
Quant Title : GC Extractables
QLast Update : Tue Dec 12 17:22:26 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





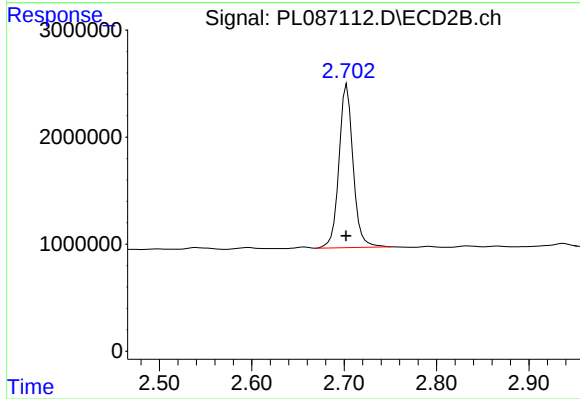
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: -0.001 min
Response: 46967371
Conc: 12.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

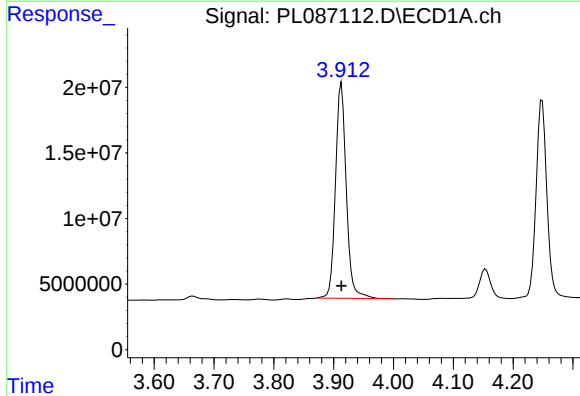
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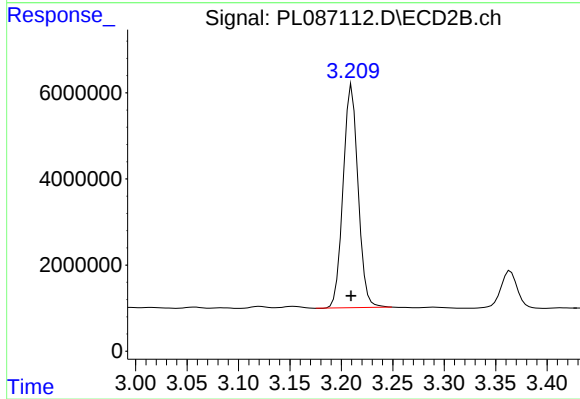
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 16213910
Conc: 16.42 ng/ml



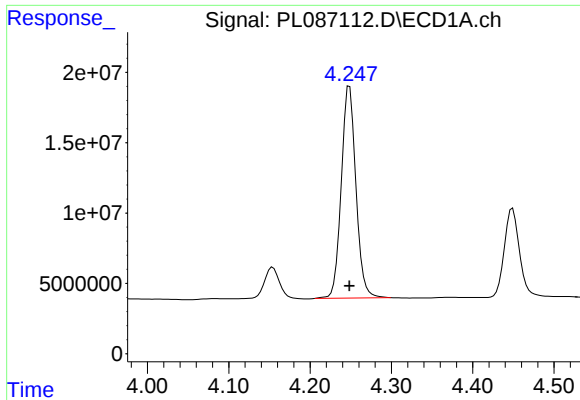
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 206325876
Conc: 39.28 ng/ml



#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 52428860
Conc: 39.70 ng/ml



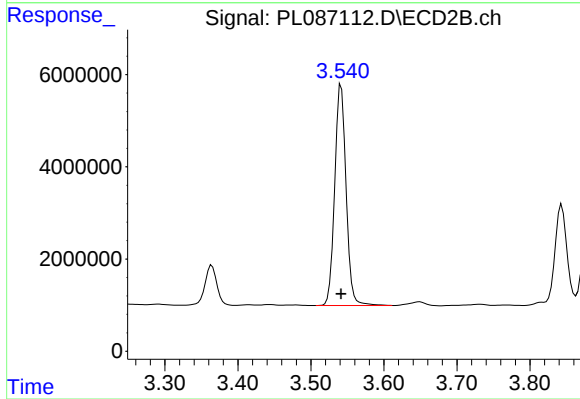
#3 gamma-BHC (Lindane)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 188374558
Conc: 38.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

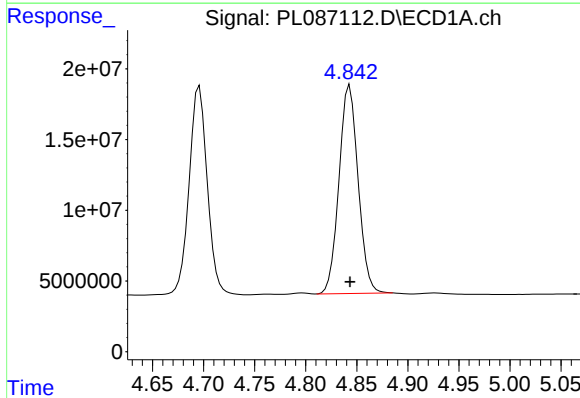
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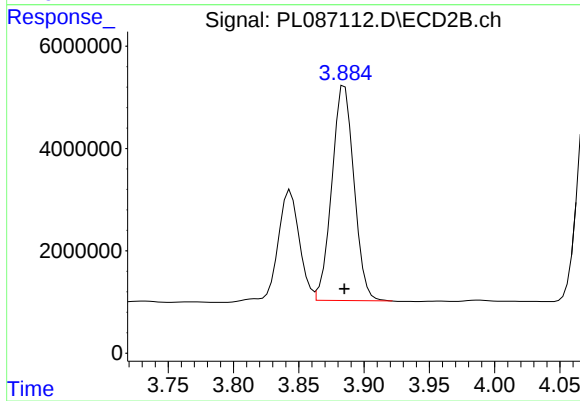
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 51921085
Conc: 39.65 ng/ml



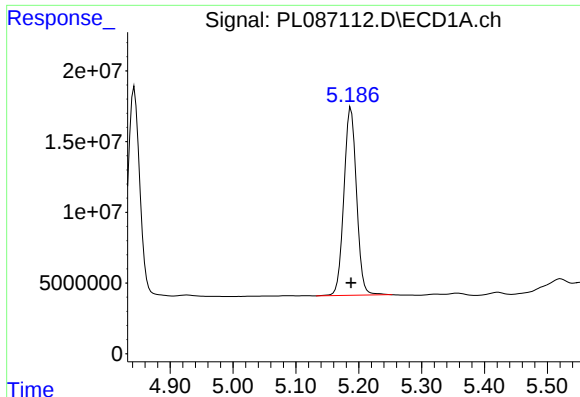
#4 Heptachlor

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 192106589
Conc: 37.90 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 49555647
Conc: 38.17 ng/ml



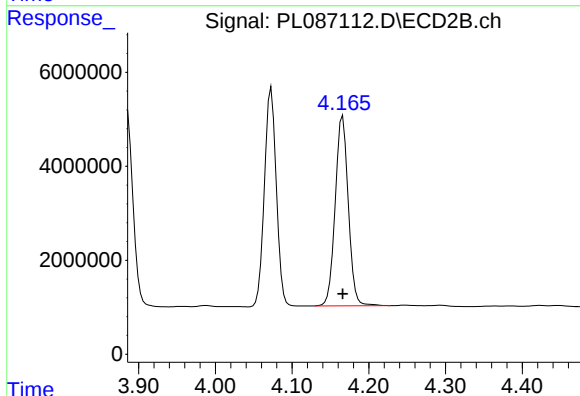
#5 Aldrin

R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 184991541
Conc: 38.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

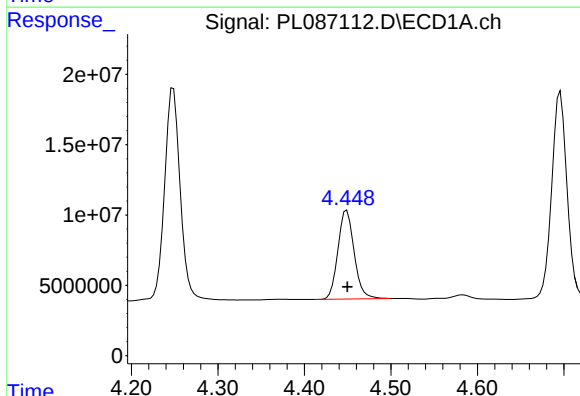
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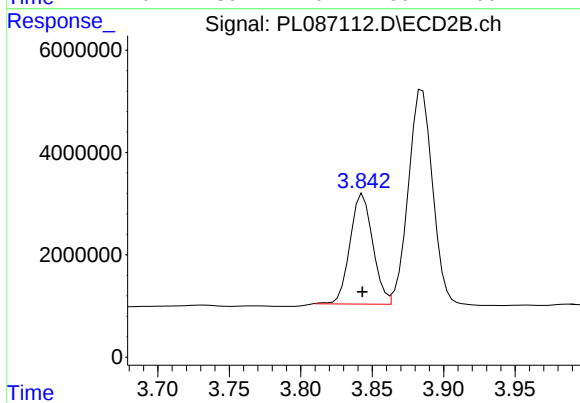
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 47893992
Conc: 39.03 ng/ml



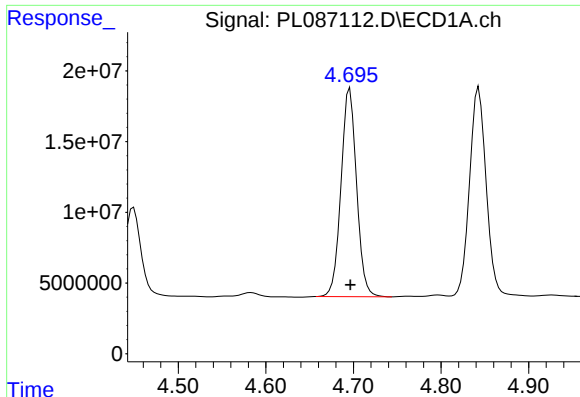
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 81809508
Conc: 38.94 ng/ml



#6 beta-BHC

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 23798086
Conc: 39.89 ng/ml



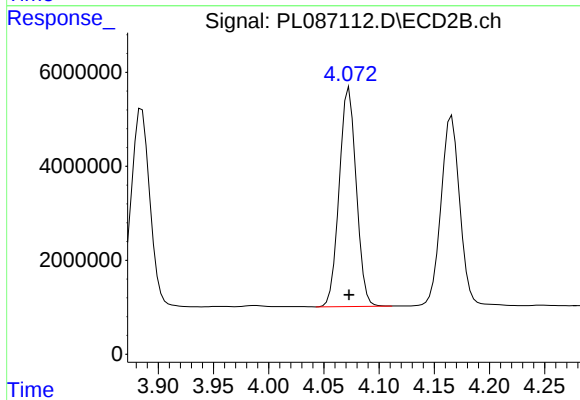
#7 delta-BHC

R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 181998289
Conc: 39.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

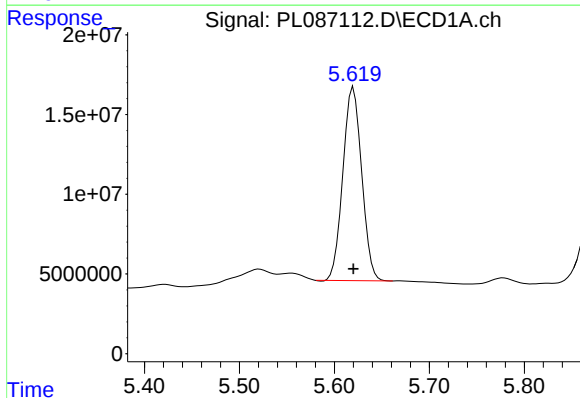
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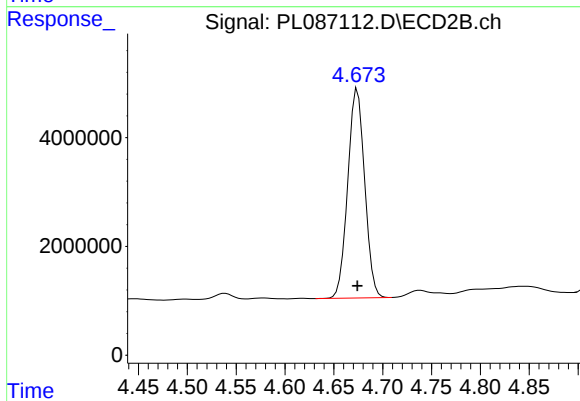
#7 delta-BHC

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 50074121
Conc: 39.02 ng/ml



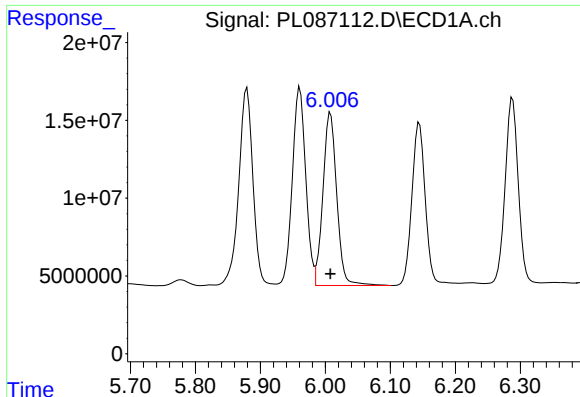
#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 167064951
Conc: 39.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 46374507
Conc: 40.19 ng/ml



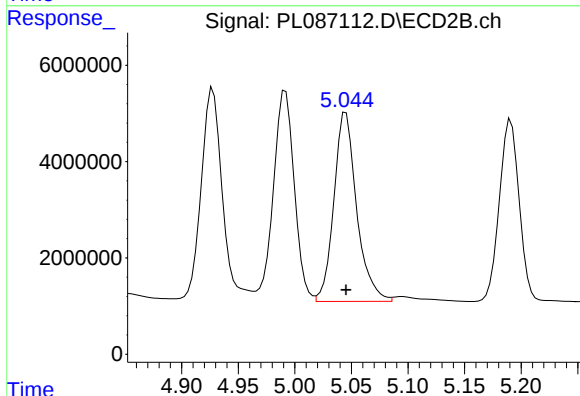
#9 Endosulfan I

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 164595702
Conc: 40.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

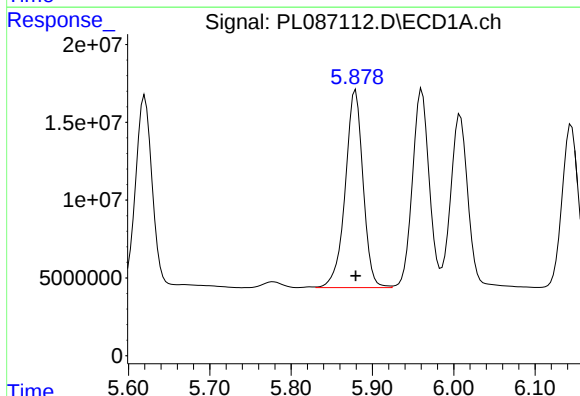
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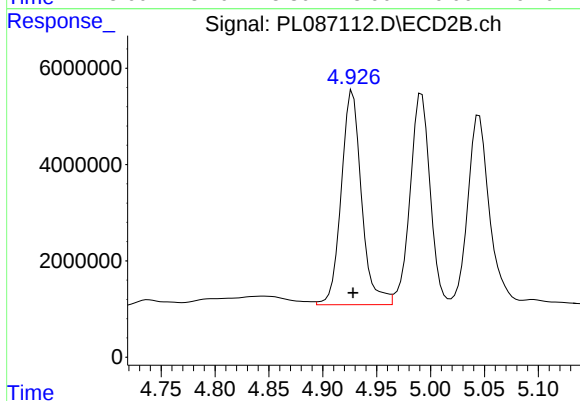
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 55058419
Conc: 45.29 ng/ml



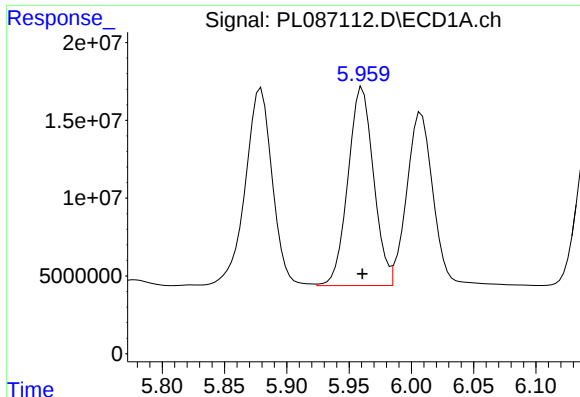
#10 gamma-Chlordane

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 192084677
Conc: 44.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 58358212
Conc: 47.69 ng/ml



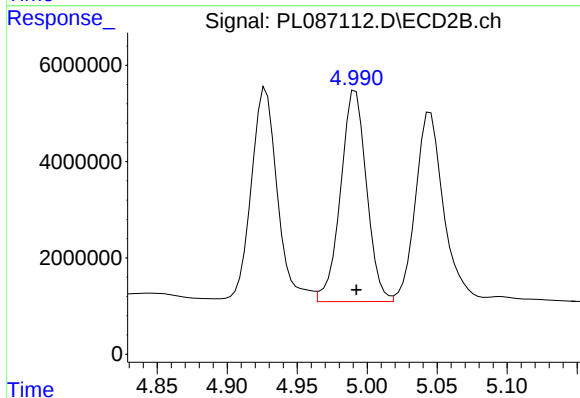
#11 alpha-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 182784731
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

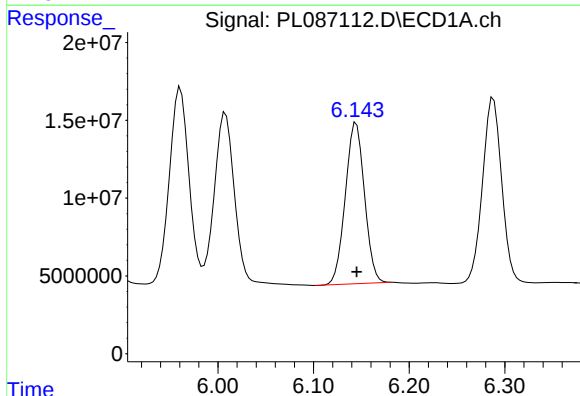
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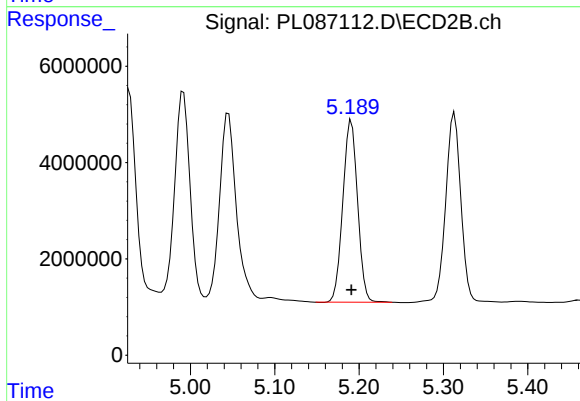
#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 56622767
Conc: 45.01 ng/ml



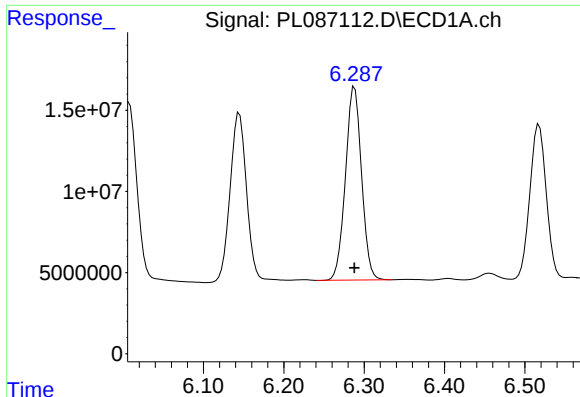
#12 4,4'-DDE

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 144877969
Conc: 44.26 ng/ml



#12 4,4'-DDE

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 45952128
Conc: 44.21 ng/ml



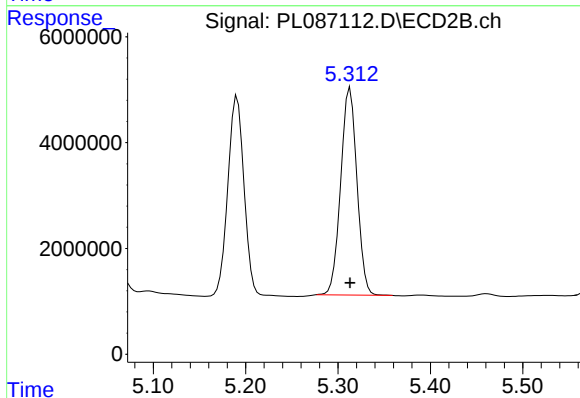
#13 Dieldrin

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 165869458
Conc: 40.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

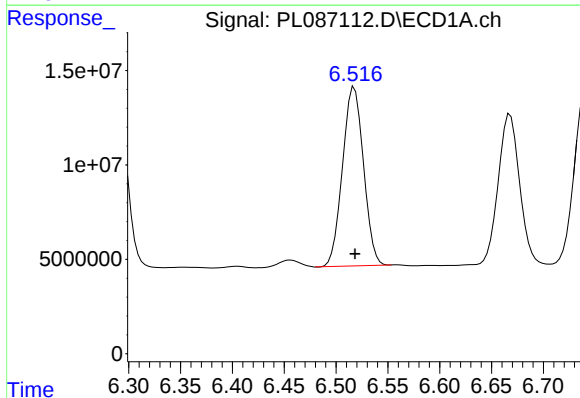
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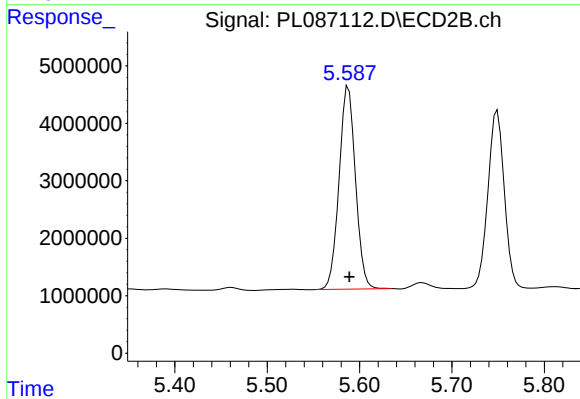
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 47916292
Conc: 41.18 ng/ml



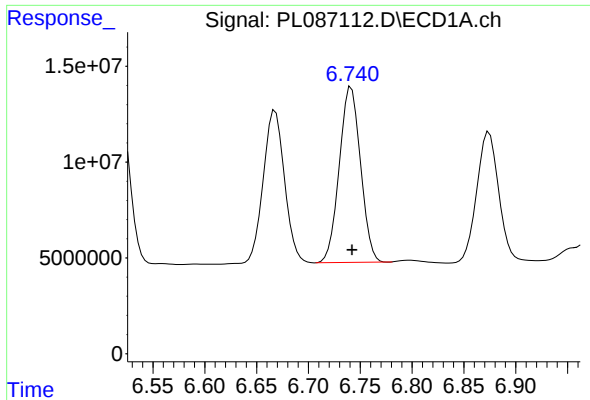
#14 Endrin

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 133582486
Conc: 40.10 ng/ml



#14 Endrin

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 43607234
Conc: 42.65 ng/ml



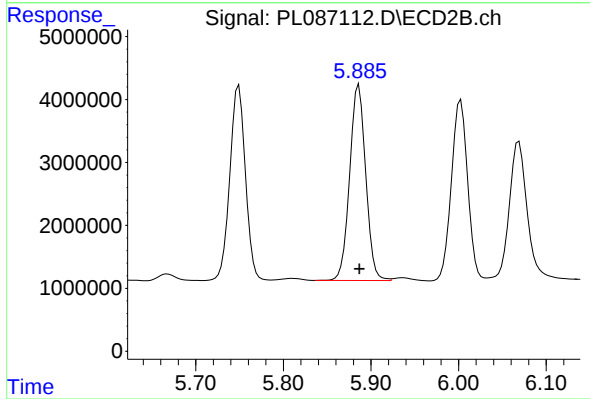
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 130697937
Conc: 36.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

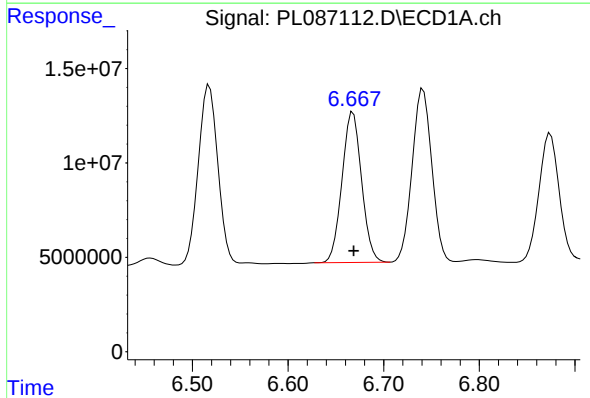
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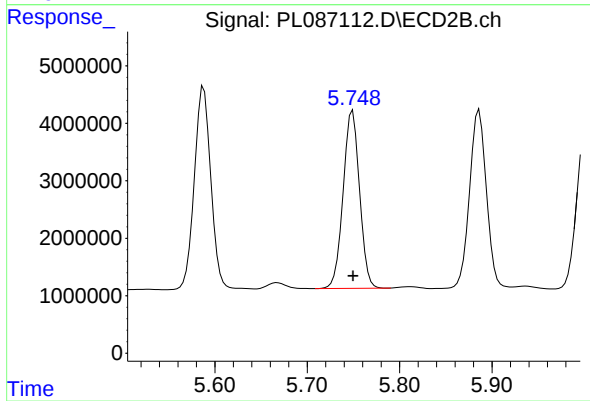
#15 Endosulfan II

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 39647339
Conc: 40.51 ng/ml



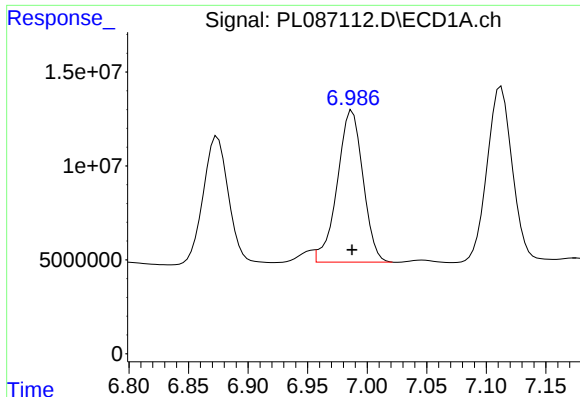
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 113722748
Conc: 46.73 ng/ml



#16 4,4'-DDD

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 38165670
Conc: 46.03 ng/ml



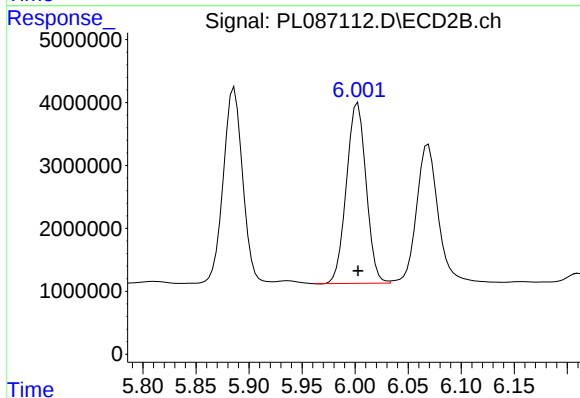
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: -0.001 min
Response: 120902385
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

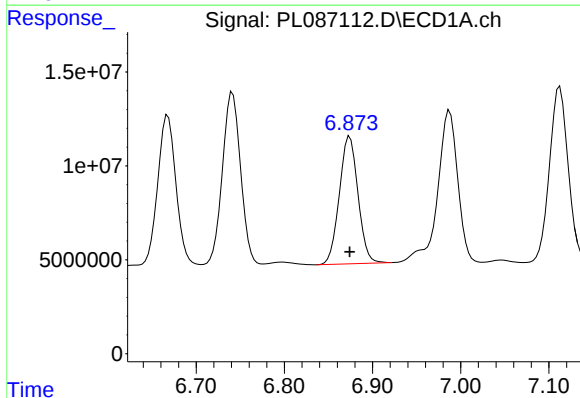
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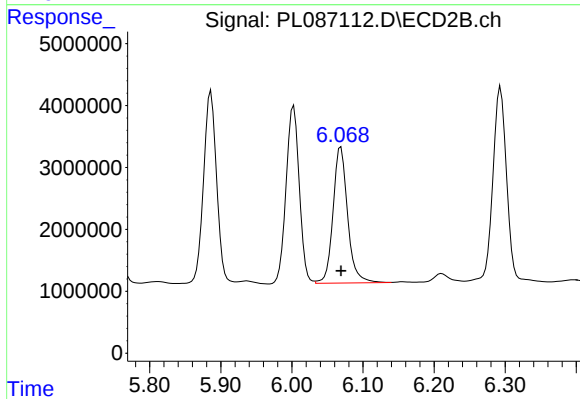
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 36981409
Conc: 42.15 ng/ml



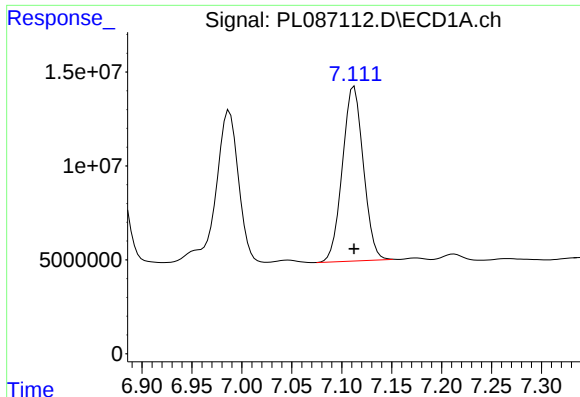
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 99683870
Conc: 42.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 31226488
Conc: 39.19 ng/ml



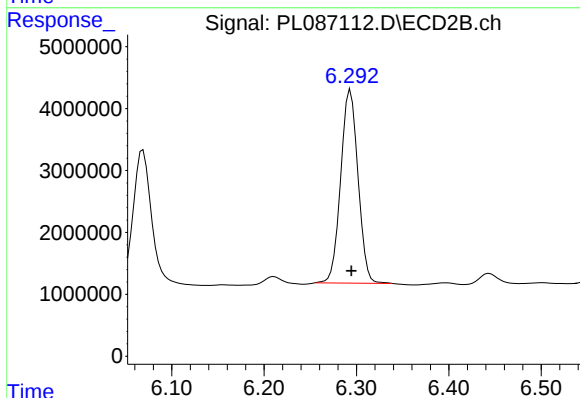
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.001 min
Response: 135765448
Conc: 41.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

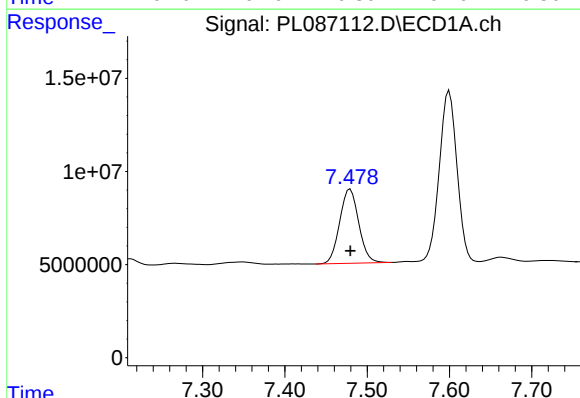
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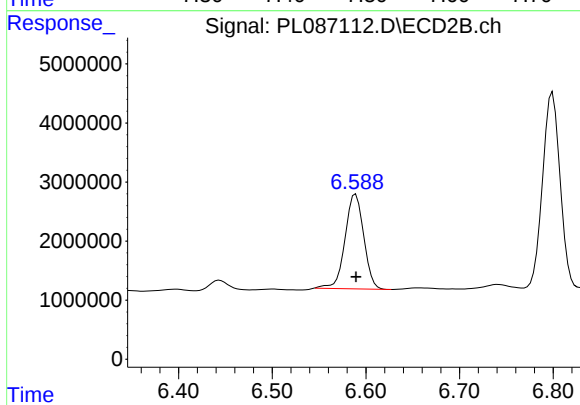
#19 Endosulfan Sulfate

R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 40642727
Conc: 43.50 ng/ml



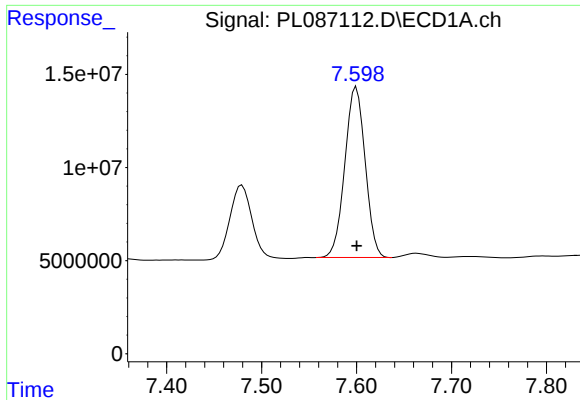
#20 Methoxychlor

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 64015328
Conc: 43.77 ng/ml



#20 Methoxychlor

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 22231616
Conc: 40.77 ng/ml



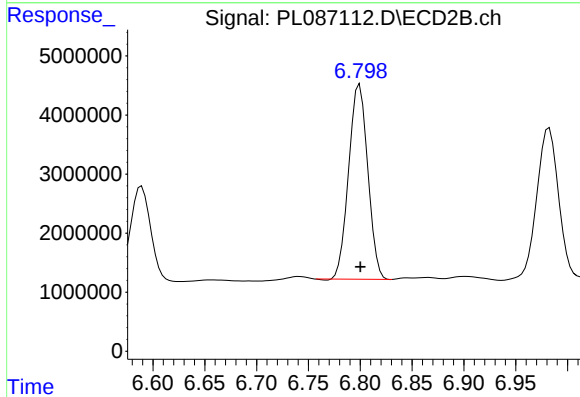
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 136509648
Conc: 42.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

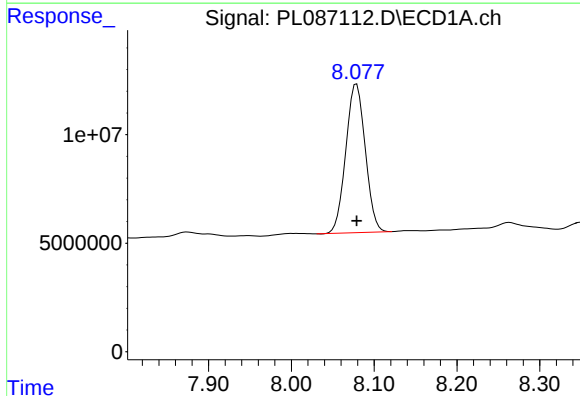
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



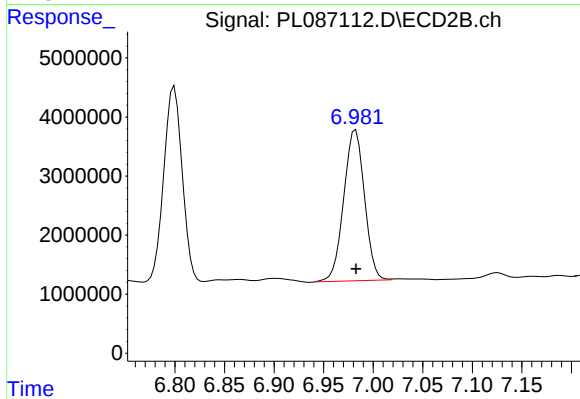
#21 Endrin ketone

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 42375063
Conc: 39.43 ng/ml



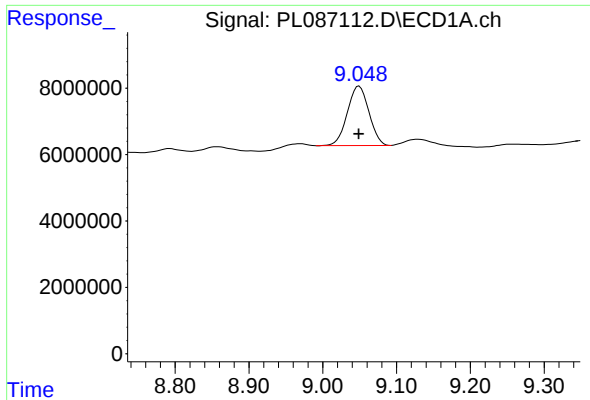
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 111877077
Conc: 38.01 ng/ml



#22 Mirex

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 37251967
Conc: 39.64 ng/ml



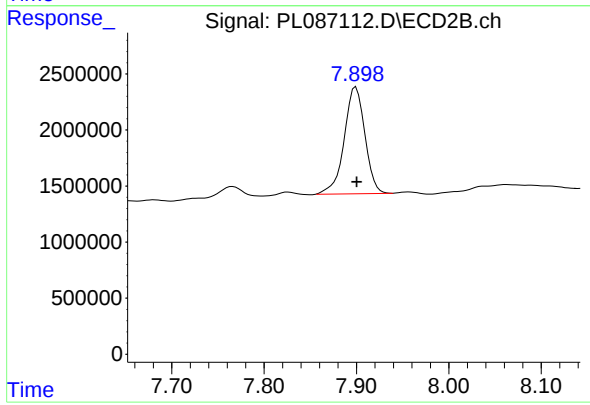
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: 0.000 min
Response: 36352987
Conc: 12.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-1MSD

Manual Integrations
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Supervised By :Ankita Jodhani 12/13/2023



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 14817024
Conc: 14.46 ng/ml