

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
 Data File : PL083885.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 16:53
 Operator : AR\AJ
 Sample : PB154163BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB154163BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2023
 Supervised By :Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:11:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.482	2.689	31486909	17062708	15.744	15.364
28)	SA Decachlor...	9.029	7.874	20497892	19218628	15.748	17.297
Target Compounds							
2)	A alpha-BHC	3.940	3.194	134.9E6	72702984	46.053	45.217
3)	MA gamma-BHC...	4.274	3.525	123.7E6	67474871	43.773	44.371
4)	MA Heptachlor	4.866	3.867	141.2E6	61641704	51.972	52.306
5)	MB Aldrin	5.208	4.147	127.6E6	65620760	44.544	43.520
6)	B beta-BHC	4.472	3.827	53106530	30022120	44.261	45.484
7)	B delta-BHC	4.719	4.056	124.8E6	67635042	46.812	44.713
8)	B Heptachlo...	5.638	4.654	115.5E6	59147291	43.270	46.058
9)	A Endosulfan I	6.023	5.024	105.3E6	56675465	44.455	46.208
10)	B gamma-Chl...	5.894	4.907	114.9E6	61311926	44.499	46.024
11)	B alpha-Chl...	5.975	4.972	112.3E6	61031068	44.158	45.304
12)	B 4,4'-DDE	6.153	5.170	93953777	57709471	46.697	46.981
13)	MA Dieldrin	6.300	5.292	102.4E6	59108050	42.855	45.386
14)	MA Endrin	6.528	5.567	84825469	53003560	44.541m	48.218
15)	B Endosulfa...	6.748	5.865	77363826	49450919	41.276m	43.025
16)	A 4,4'-DDD	6.671	5.727	69588514	48360175	47.386	50.410
17)	MA 4,4'-DDT	6.987	5.980	72518354	46957425	45.472	51.557
18)	B Endrin al...	6.880	6.046	62611680	41444512	42.736	46.104
19)	B Endosulfa...	7.115	6.271	75812971	51594913	43.856m	46.946
20)	A Methoxychlor	7.467	6.564	37459060	25441132	47.888m	53.086
21)	B Endrin ke...	7.599	6.776	75968628	61055509	43.350m	47.253
22)	Mirex	8.075	6.957	59925775	46821093	41.878	45.873

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
Data File : PL083885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2023 16:53
Operator : AR\AJ
Sample : PB154163BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

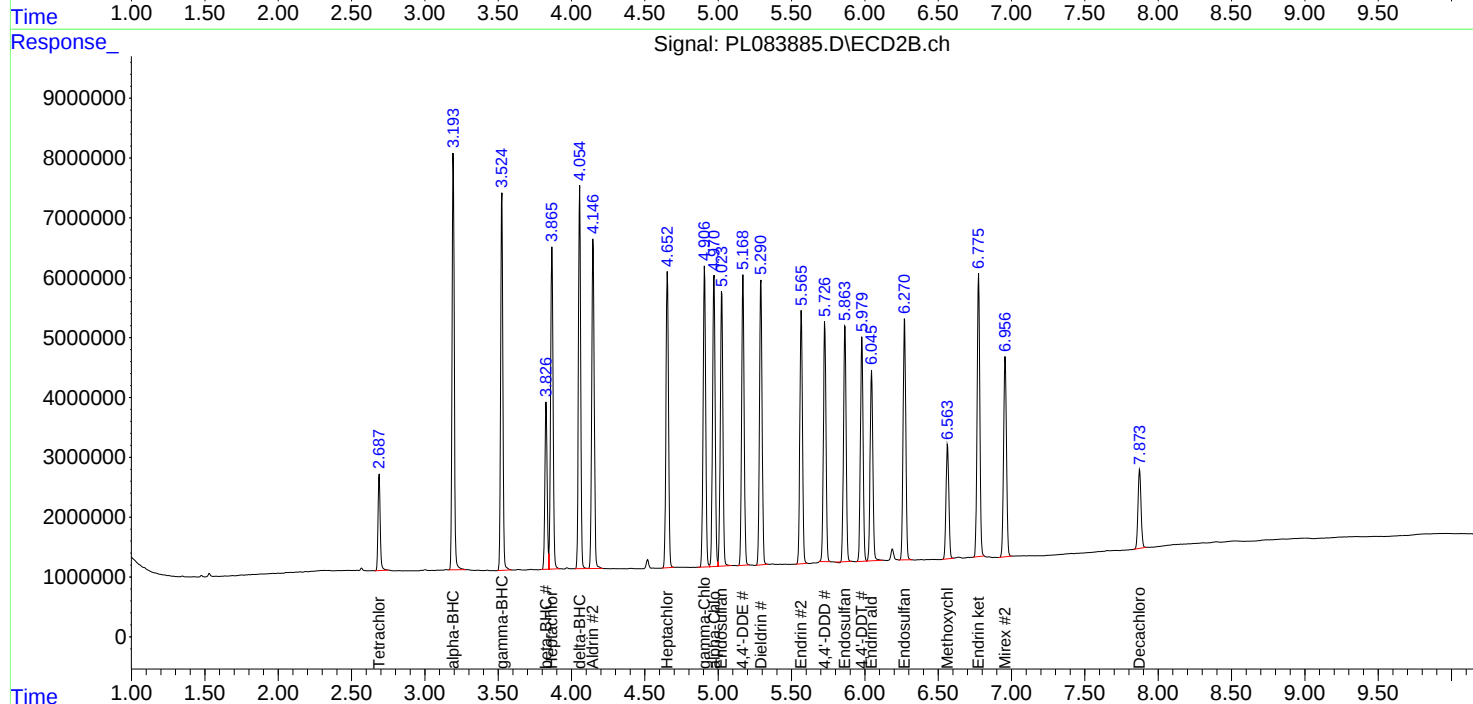
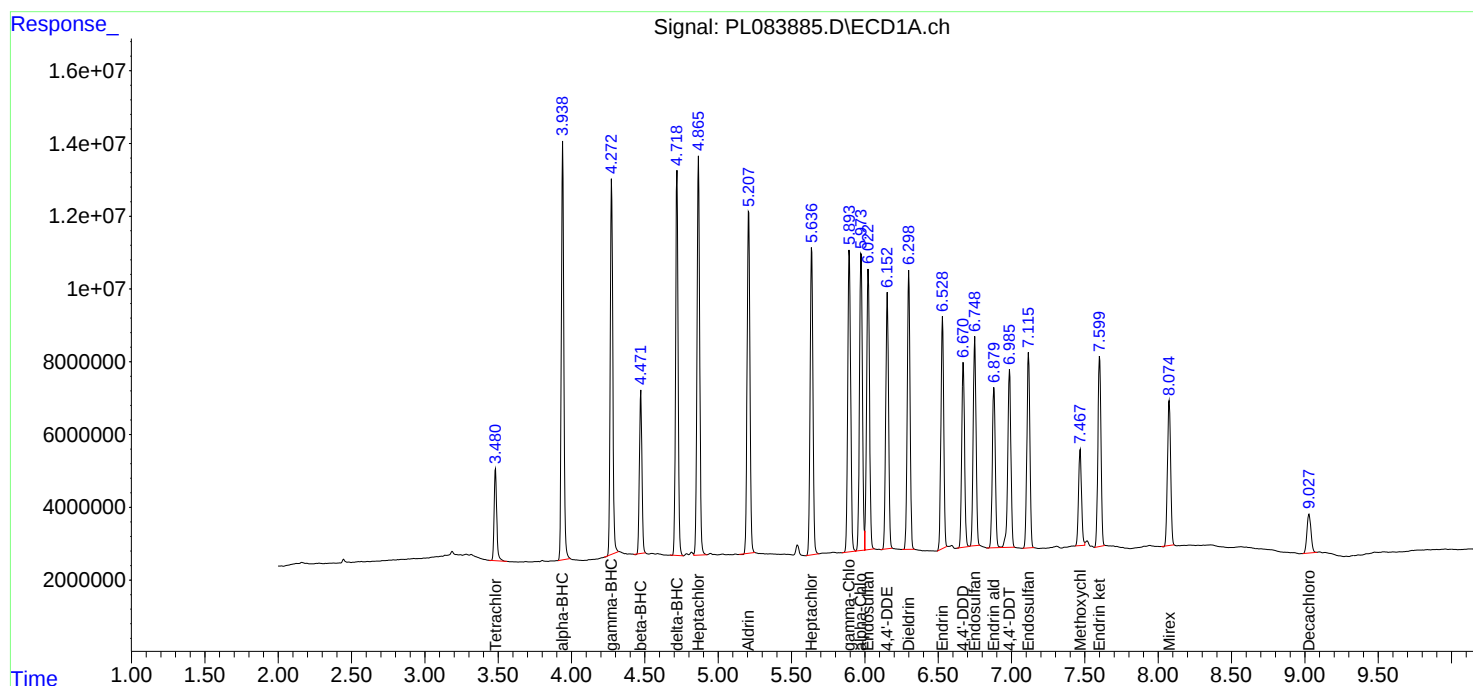
Instrument :
ECD_L
ClientSampleId :
PB154163BSD

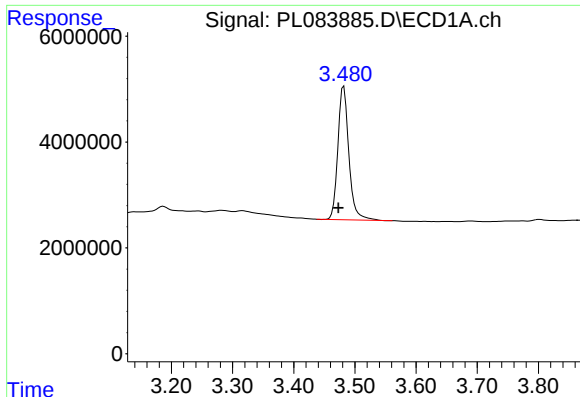
Manual Integrations
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Supervised By :Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 00:11:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





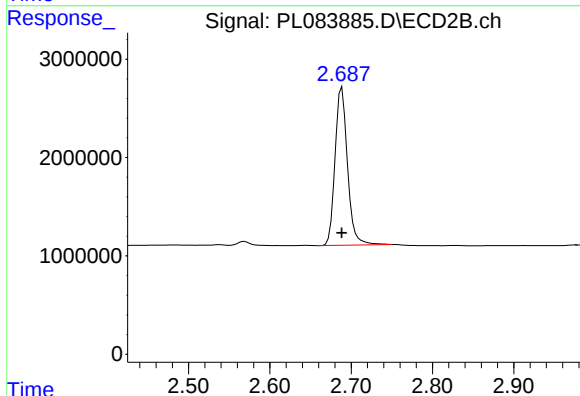
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.009 min
Response: 31486909
Conc: 15.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

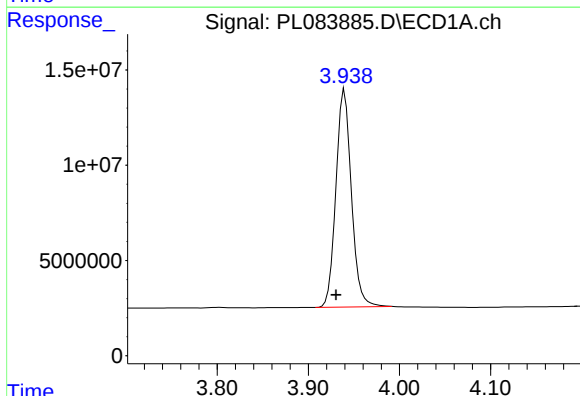
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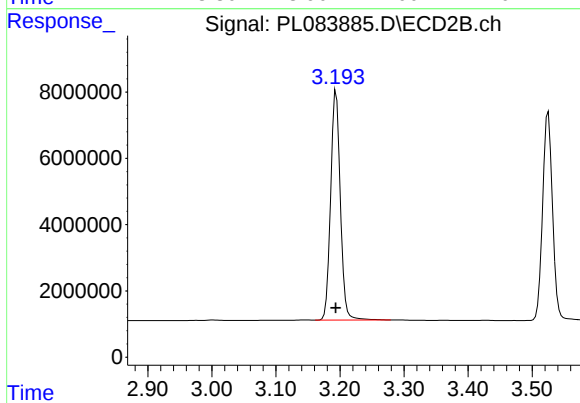
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 17062708
Conc: 15.36 ng/ml



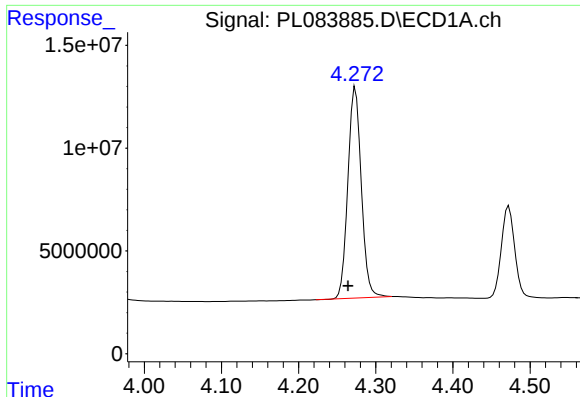
#2 alpha-BHC

R.T.: 3.940 min
Delta R.T.: 0.009 min
Response: 134926514
Conc: 46.05 ng/ml



#2 alpha-BHC

R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 72702984
Conc: 45.22 ng/ml



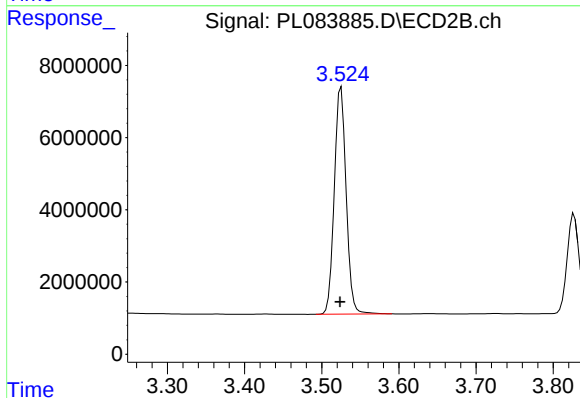
#3 gamma-BHC (Lindane)

R.T.: 4.274 min
Delta R.T.: 0.010 min
Response: 123672366
Conc: 43.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

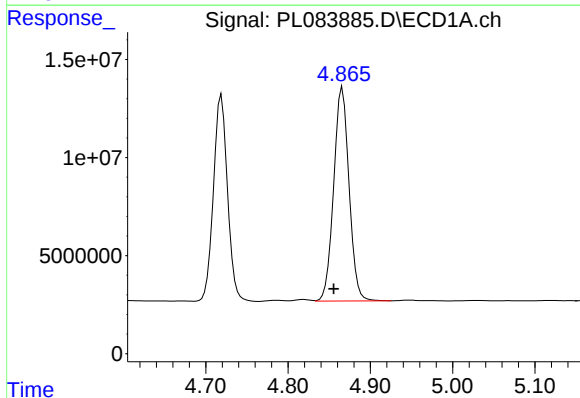
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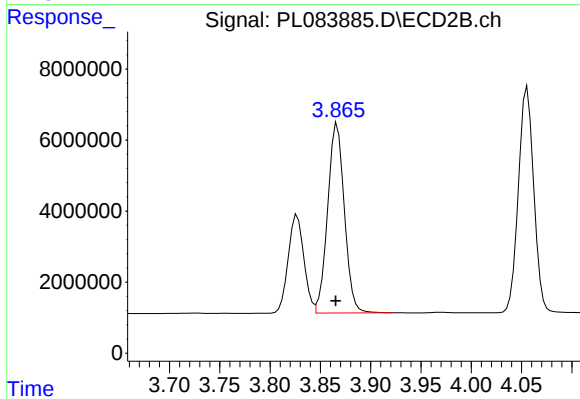
#3 gamma-BHC (Lindane)

R.T.: 3.525 min
Delta R.T.: 0.002 min
Response: 67474871
Conc: 44.37 ng/ml



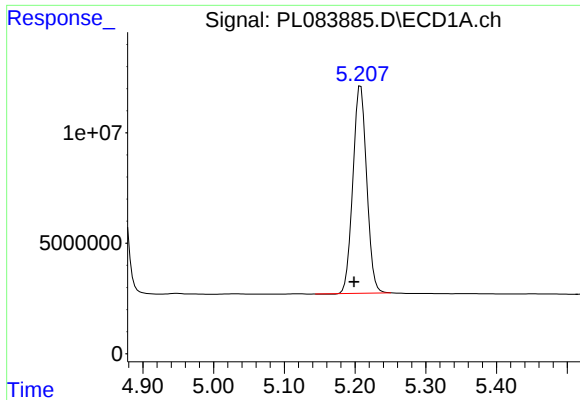
#4 Heptachlor

R.T.: 4.866 min
Delta R.T.: 0.010 min
Response: 141238390
Conc: 51.97 ng/ml



#4 Heptachlor

R.T.: 3.867 min
Delta R.T.: 0.002 min
Response: 61641704
Conc: 52.31 ng/ml



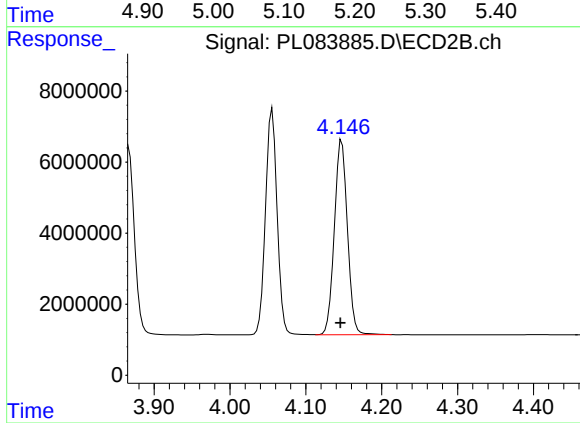
#5 Aldrin

R.T.: 5.208 min
Delta R.T.: 0.009 min
Response: 127584801
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

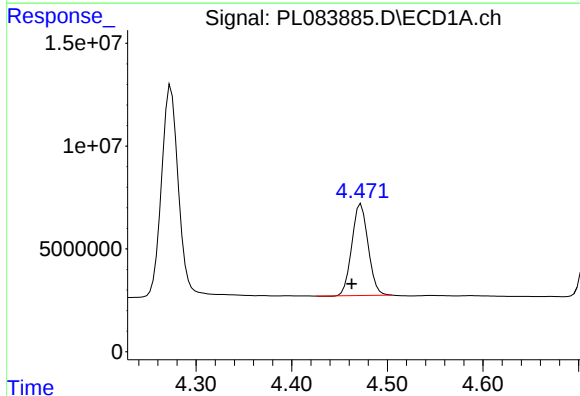
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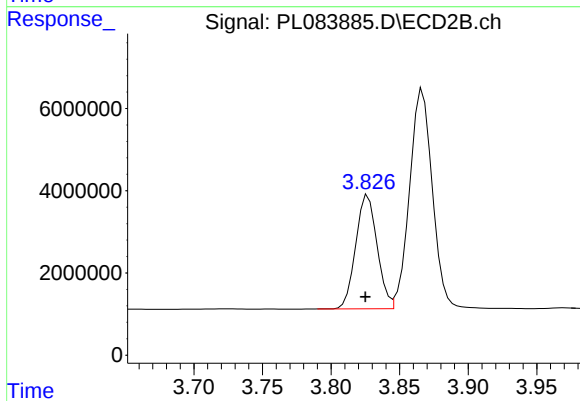
#5 Aldrin

R.T.: 4.147 min
Delta R.T.: 0.002 min
Response: 65620760
Conc: 43.52 ng/ml



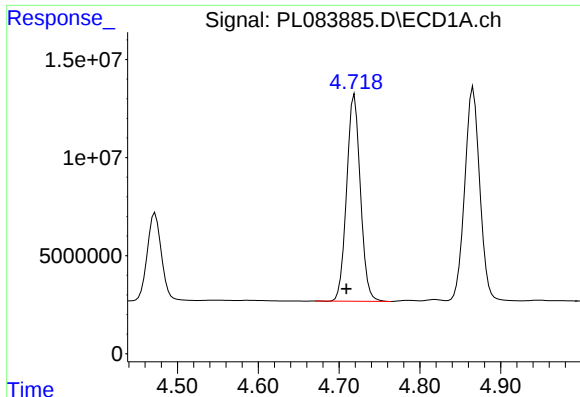
#6 beta-BHC

R.T.: 4.472 min
Delta R.T.: 0.010 min
Response: 53106530
Conc: 44.26 ng/ml



#6 beta-BHC

R.T.: 3.827 min
Delta R.T.: 0.002 min
Response: 30022120
Conc: 45.48 ng/ml



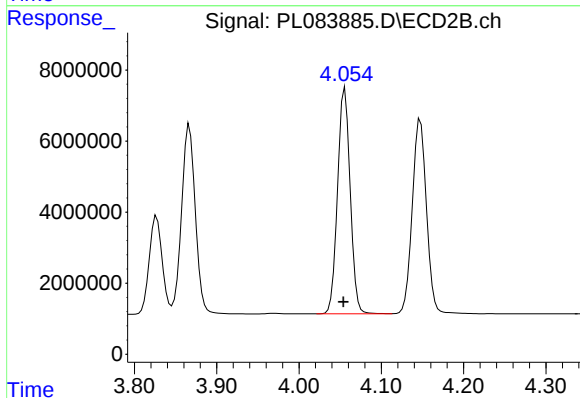
#7 delta-BHC

R.T.: 4.719 min
Delta R.T.: 0.010 min
Response: 124790591
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

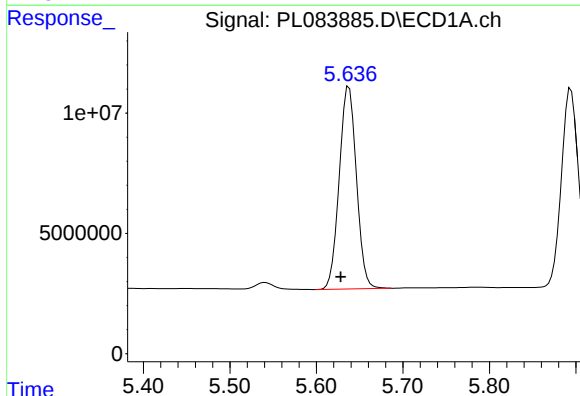
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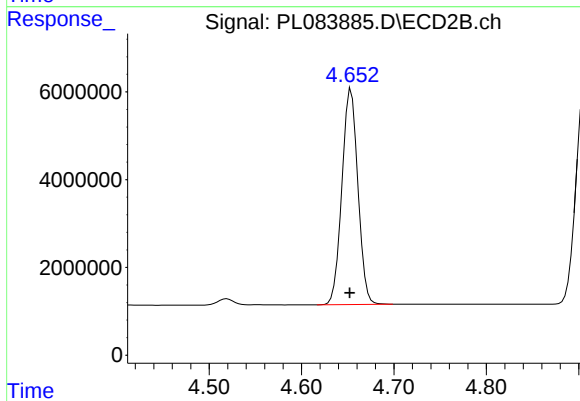
#7 delta-BHC

R.T.: 4.056 min
Delta R.T.: 0.002 min
Response: 67635042
Conc: 44.71 ng/ml



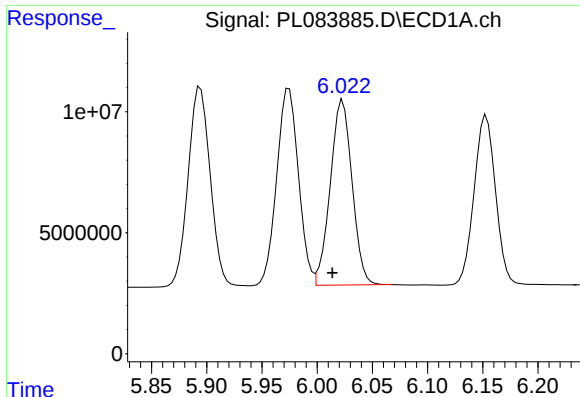
#8 Heptachlor epoxide

R.T.: 5.638 min
Delta R.T.: 0.010 min
Response: 115513574
Conc: 43.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.654 min
Delta R.T.: 0.001 min
Response: 59147291
Conc: 46.06 ng/ml



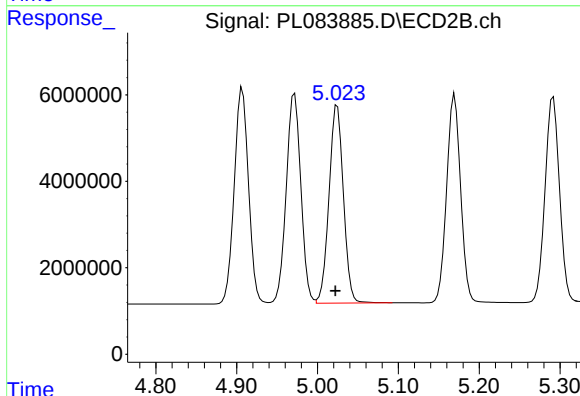
#9 Endosulfan I

R.T.: 6.023 min
Delta R.T.: 0.009 min
Response: 105278877
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

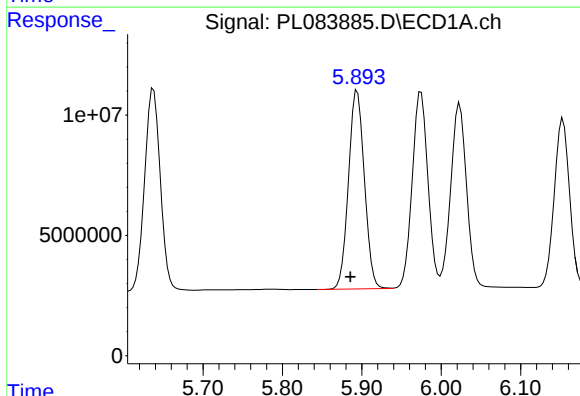
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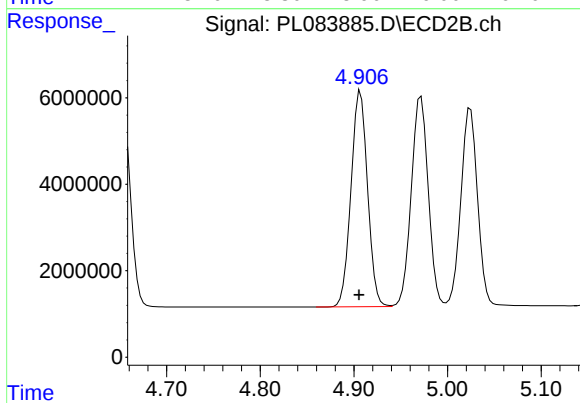
#9 Endosulfan I

R.T.: 5.024 min
Delta R.T.: 0.002 min
Response: 56675465
Conc: 46.21 ng/ml



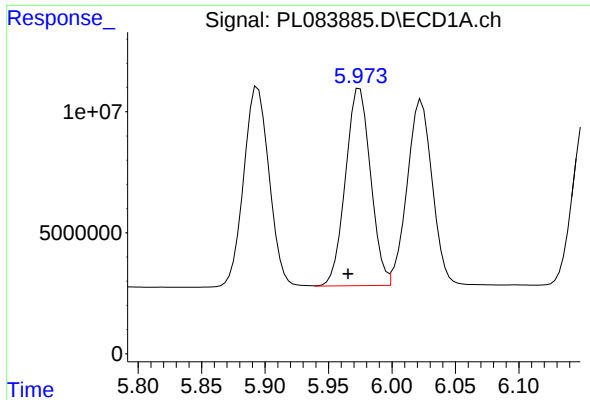
#10 gamma-Chlordane

R.T.: 5.894 min
Delta R.T.: 0.009 min
Response: 114892417
Conc: 44.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.907 min
Delta R.T.: 0.002 min
Response: 61311926
Conc: 46.02 ng/ml



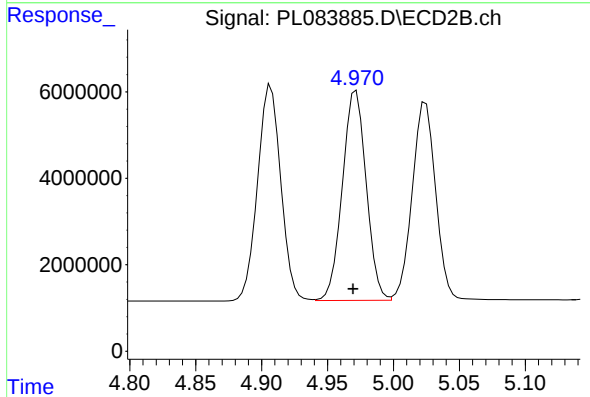
#11 alpha-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.009 min
Response: 112253399
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

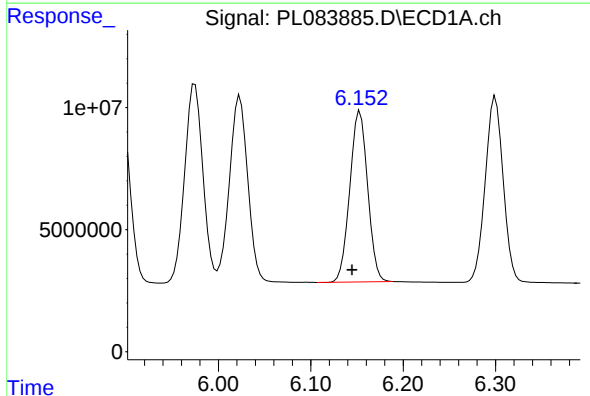
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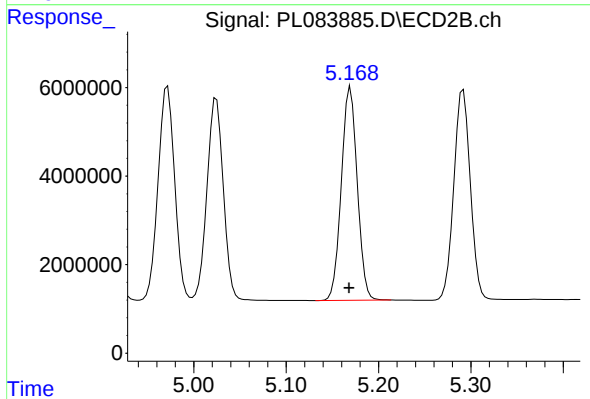
#11 alpha-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.002 min
Response: 61031068
Conc: 45.30 ng/ml



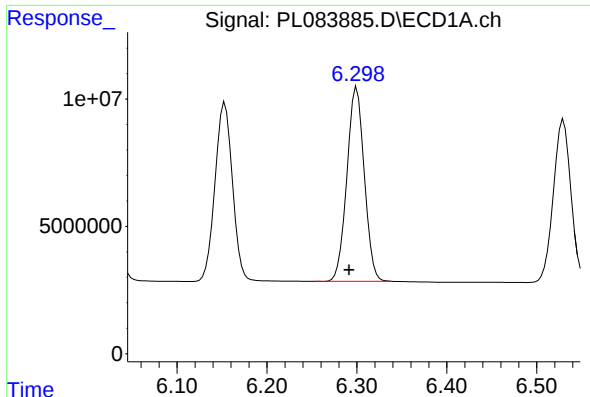
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.009 min
Response: 93953777
Conc: 46.70 ng/ml



#12 4,4'-DDE

R.T.: 5.170 min
Delta R.T.: 0.002 min
Response: 57709471
Conc: 46.98 ng/ml



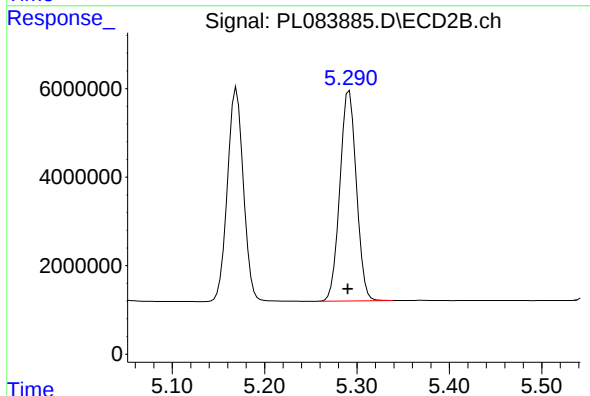
#13 Dieldrin

R.T.: 6.300 min
Delta R.T.: 0.009 min
Response: 102404468
Conc: 42.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

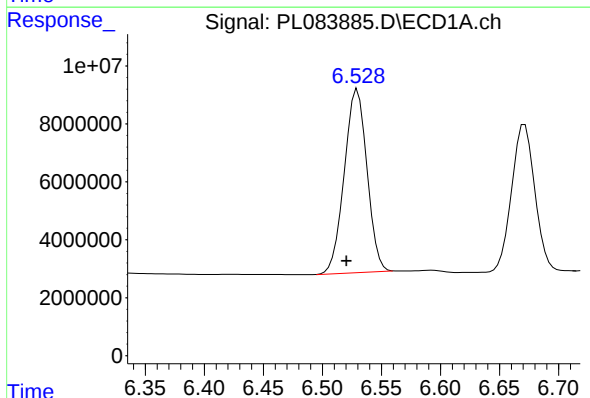
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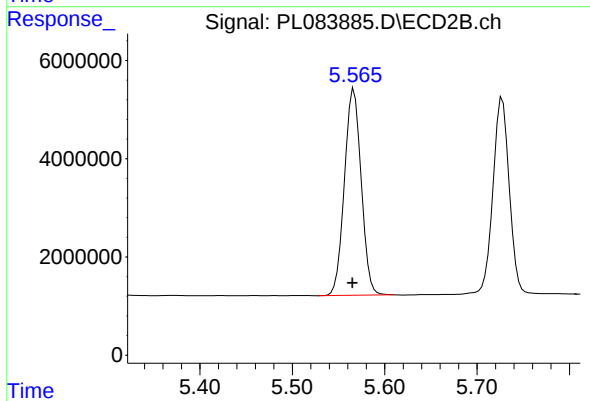
#13 Dieldrin

R.T.: 5.292 min
Delta R.T.: 0.002 min
Response: 59108050
Conc: 45.39 ng/ml



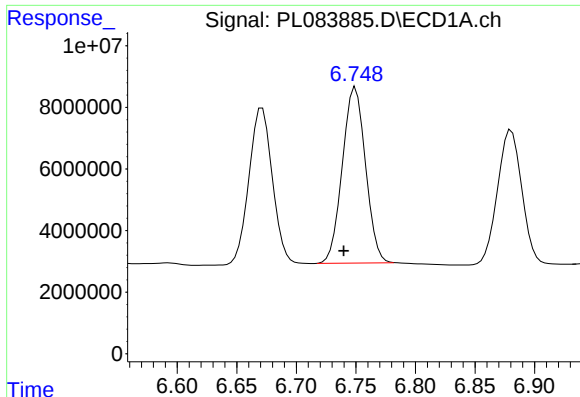
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.008 min
Response: 84825469
Conc: 44.54 ng/ml m



#14 Endrin

R.T.: 5.567 min
Delta R.T.: 0.002 min
Response: 53003560
Conc: 48.22 ng/ml



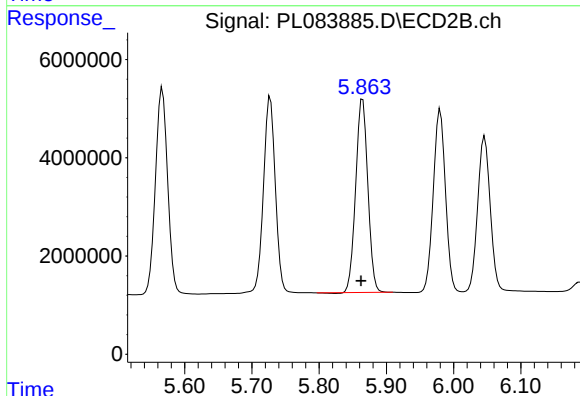
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.009 min
Response: 77363826
Conc: 41.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

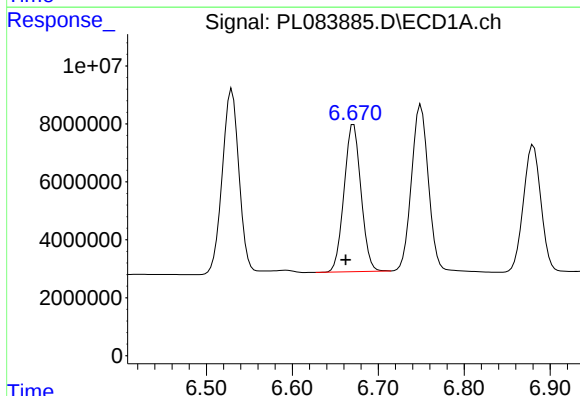
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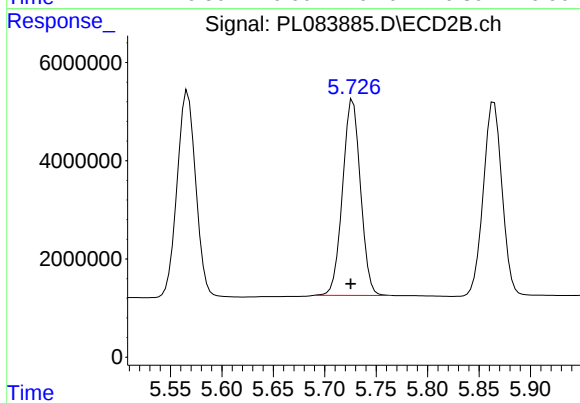
#15 Endosulfan II

R.T.: 5.865 min
Delta R.T.: 0.002 min
Response: 49450919
Conc: 43.03 ng/ml



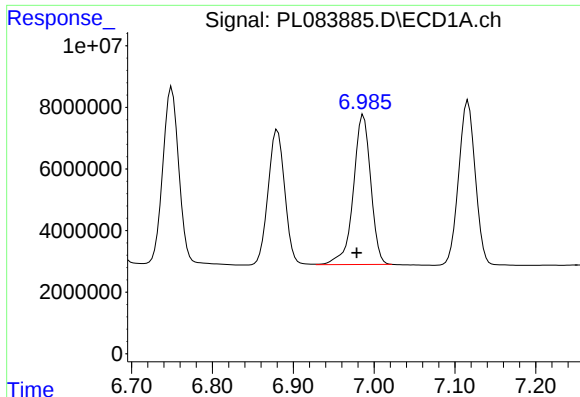
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: 0.009 min
Response: 69588514
Conc: 47.39 ng/ml



#16 4,4'-DDD

R.T.: 5.727 min
Delta R.T.: 0.002 min
Response: 48360175
Conc: 50.41 ng/ml



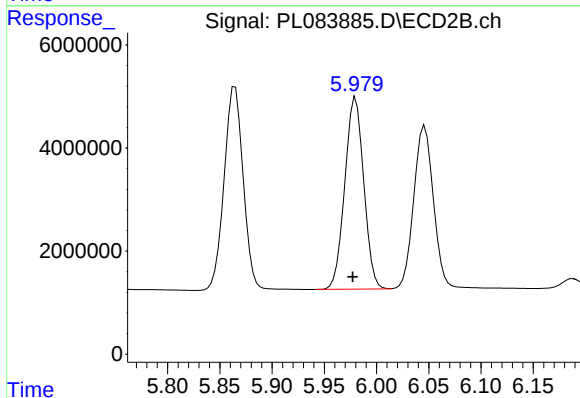
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.008 min
Response: 72518354
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

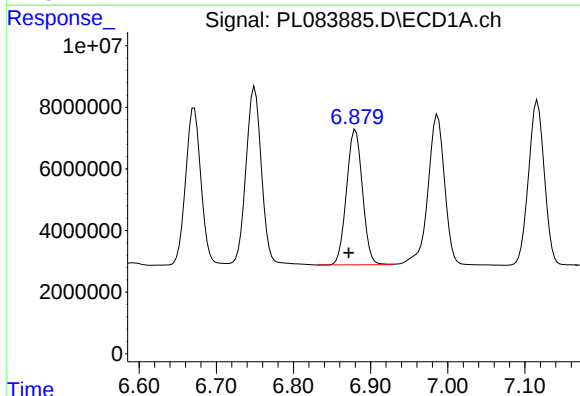
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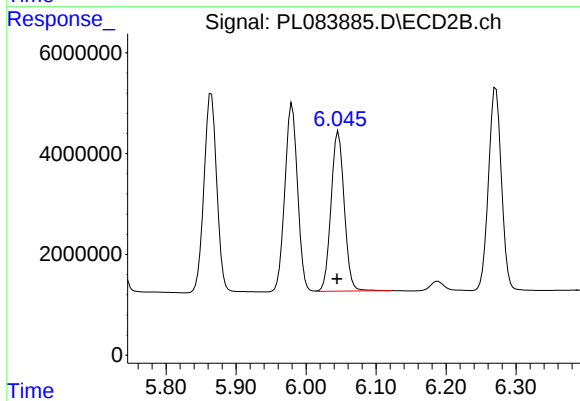
#17 4,4'-DDT

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 46957425
Conc: 51.56 ng/ml



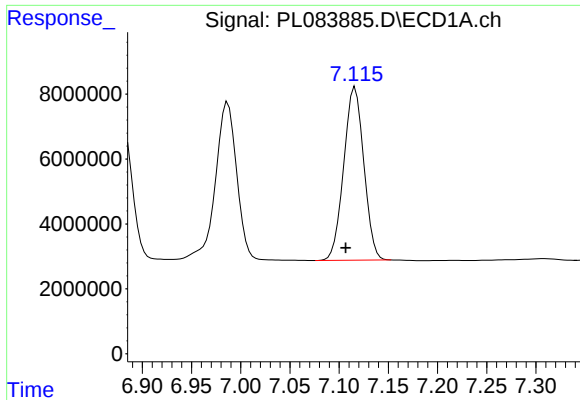
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: 0.009 min
Response: 62611680
Conc: 42.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.046 min
Delta R.T.: 0.002 min
Response: 41444512
Conc: 46.10 ng/ml



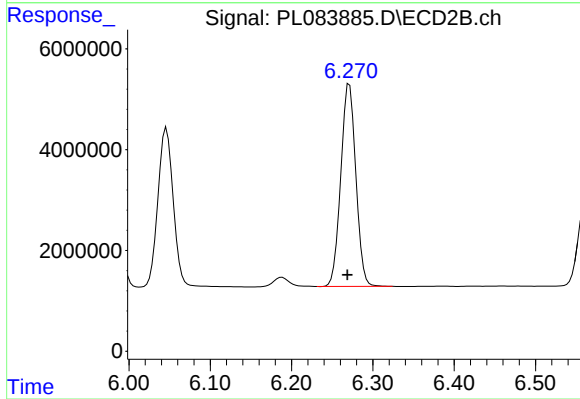
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: 0.008 min
Response: 75812971
Conc: 43.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

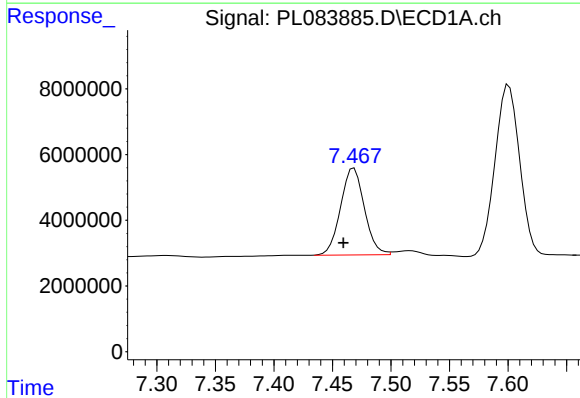
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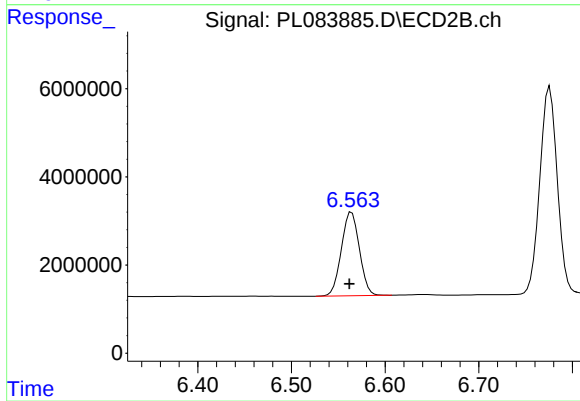
#19 Endosulfan Sulfate

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 51594913
Conc: 46.95 ng/ml



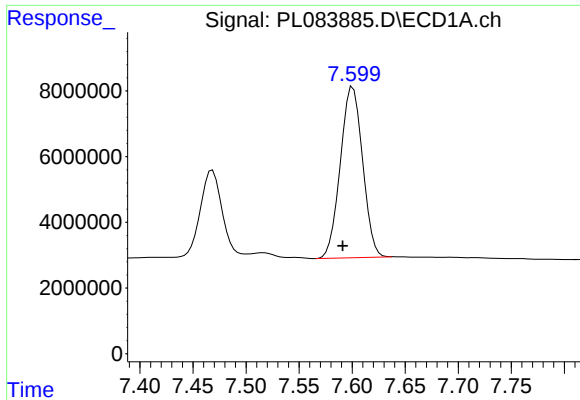
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.008 min
Response: 37459060
Conc: 47.89 ng/ml m



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: 0.002 min
Response: 25441132
Conc: 53.09 ng/ml



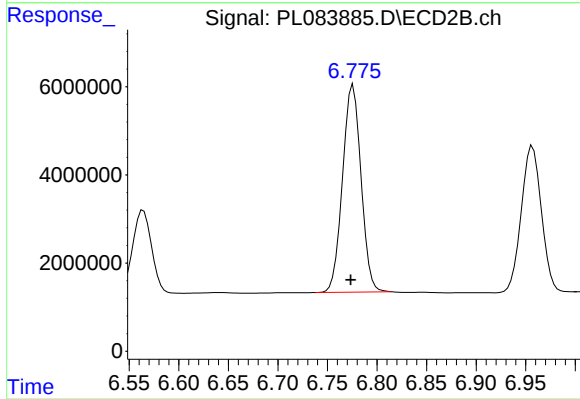
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.008 min
Response: 75968628
Conc: 43.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154163BSD

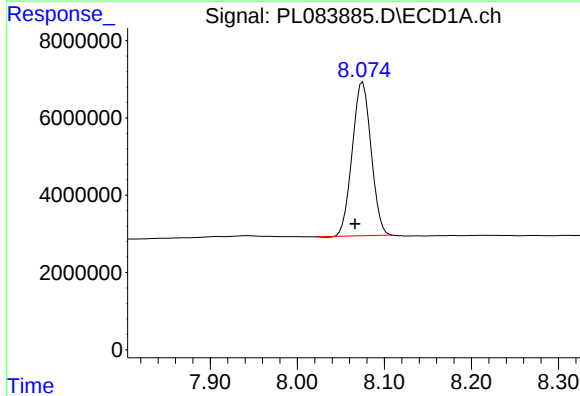
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



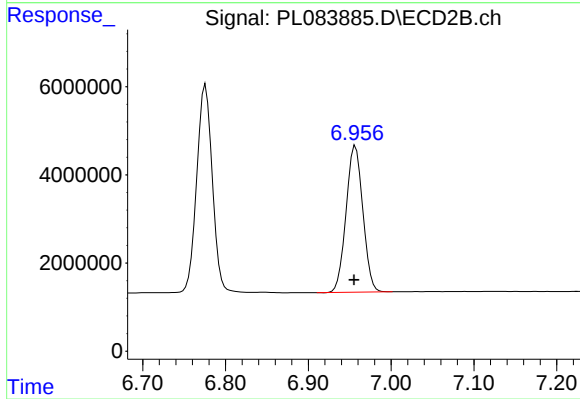
#21 Endrin ketone

R.T.: 6.776 min
Delta R.T.: 0.003 min
Response: 61055509
Conc: 47.25 ng/ml



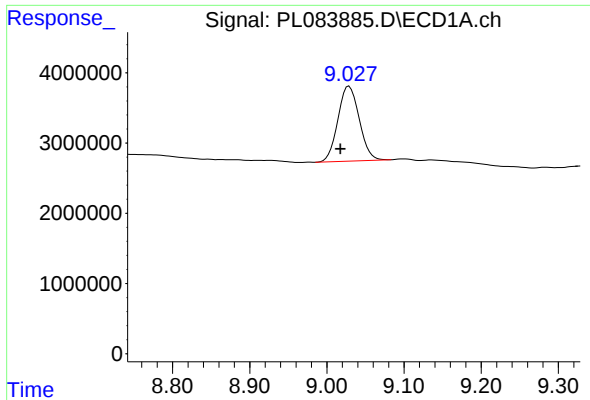
#22 Mirex

R.T.: 8.075 min
Delta R.T.: 0.009 min
Response: 59925775
Conc: 41.88 ng/ml



#22 Mirex

R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 46821093
Conc: 45.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.011 min
Response: 20497892
Conc: 15.75 ng/ml

Instrument :

ECD_L

ClientSampleId :

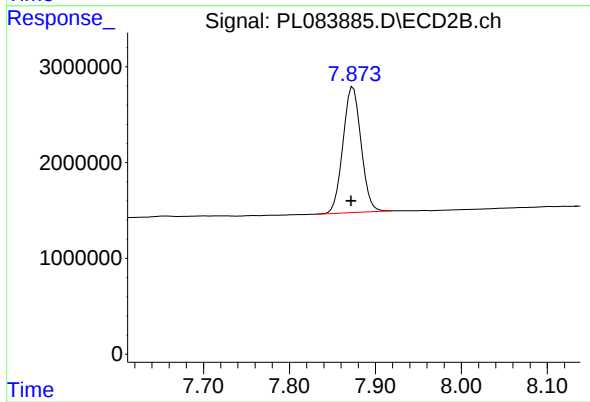
PB154163BSD

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#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: 0.002 min
Response: 19218628
Conc: 17.30 ng/ml