

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120823\
 Data File : PL087032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2023 13:49
 Operator : AR\AJ
 Sample : 05691-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-LINDENMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2023
 Supervised By :Ankita Jodhani 12/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 01:08:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.451	2.701	55679454	15018254	17.253	15.353
28)	SA Decachlor...	9.048	7.899	28509236	11829630	12.473	12.294
Target Compounds							
2)	A alpha-BHC	3.910	3.208	219.7E6	61650397	48.816	48.104
3)	MA gamma-BHC...	4.245	3.539	210.1E6	58206036	50.608	45.954
4)	MA Heptachlor	4.840	3.883	195.0E6	66284488	48.239	53.257
5)	MB Aldrin	5.183	4.162	186.5E6	63893825	46.770	53.120m
6)	B beta-BHC	4.445	3.841	90543200	23444187	53.246	41.323
7)	B delta-BHC	4.691	4.071	172.1E6	59047788	47.589m	48.581
8)	B Heptachlo...	5.616	4.672	187.2E6	50827395	53.141	46.015
9)	A Endosulfan I	6.003	5.044	183.5E6	47220013	56.005	44.426
10)	B gamma-Chl...	5.875	4.926	203.0E6	60343363	59.029	56.086
11)	B alpha-Chl...	5.957	4.990	169.5E6	52617527	49.379	47.212
12)	B 4,4'-DDE	6.142	5.189	312.0E6	101.2E6	124.420	113.822
13)	MA Dieldrin	6.283	5.311	159.4E6	44894607	49.194m	44.797
14)	MA Endrin	6.515	5.587	120.8E6	45770534	54.758	56.106
15)	B Endosulfa...	6.738	5.884	125.0E6	41927980	48.375	47.634
16)	A 4,4'-DDD	6.664	5.748	257.4E6	95254584	128.074m	122.870
17)	MA 4,4'-DDT	6.985	6.001	575.7E6	203.9E6	290.032	268.491
18)	B Endrin al...	6.871	6.067	94093408	32710321	51.847	47.768
19)	B Endosulfa...	7.110	6.292	128.3E6	41797421	51.988	47.367
20)	A Methoxychlor	7.477	6.587	56195288	22388780	52.790	46.828
21)	B Endrin ke...	7.597	6.797	128.8E6	46934883	50.485	46.409
22)	Mirex	8.077	6.982	111.6E6	39323292	49.551	44.316

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120823\
Data File : PL087032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2023 13:49
Operator : AR\AJ
Sample : 05691-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

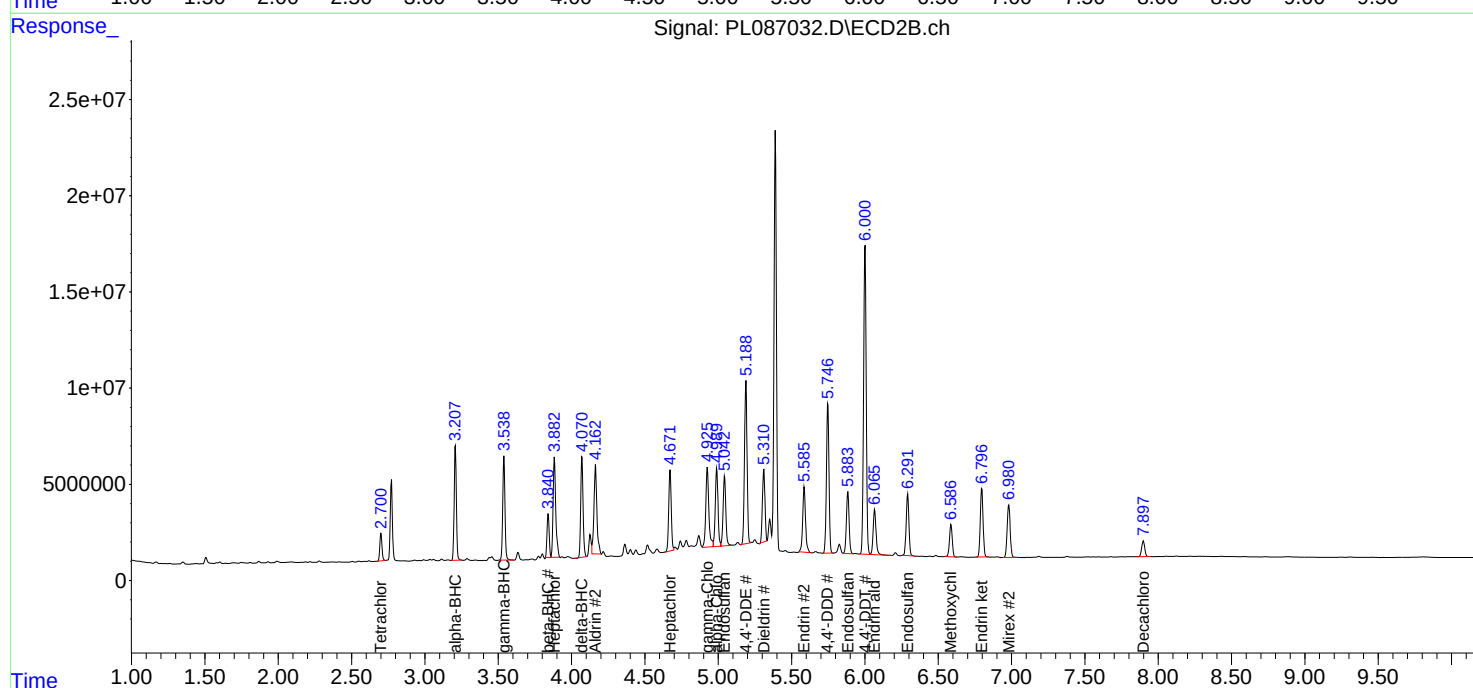
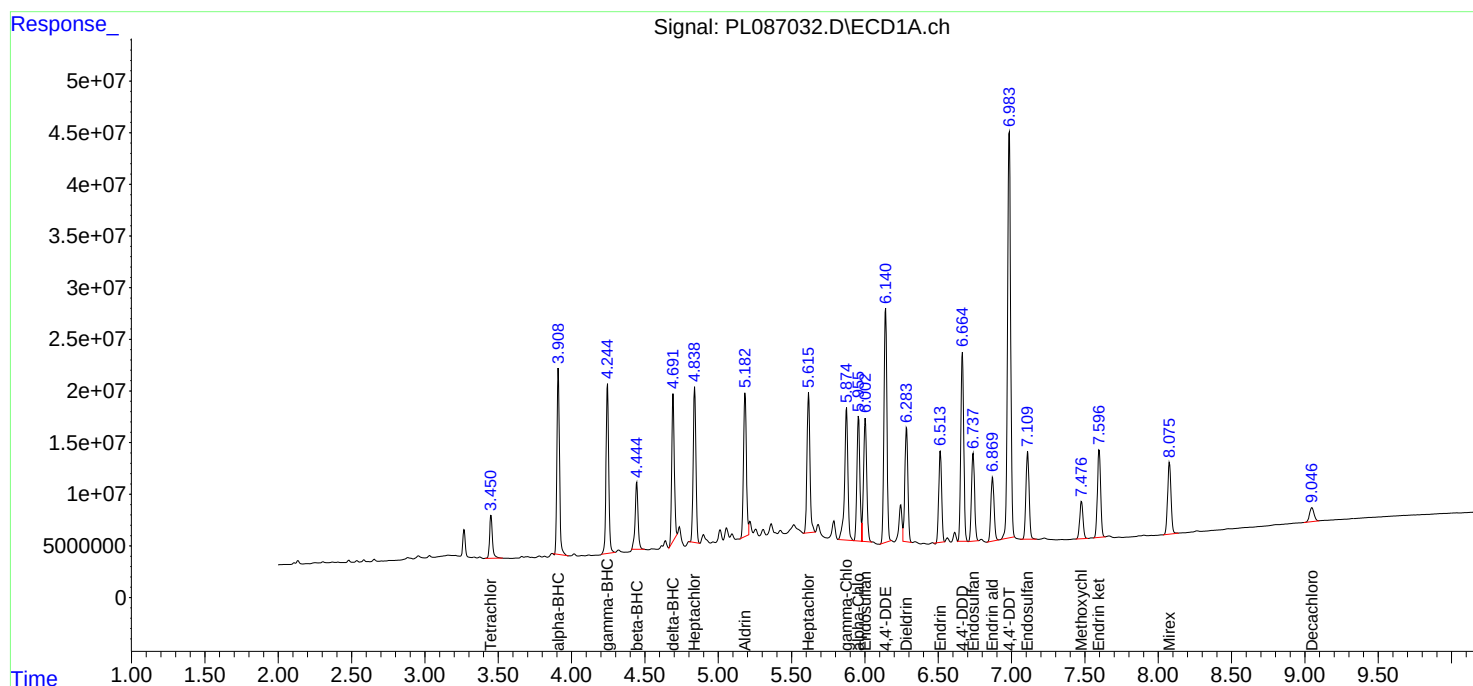
Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

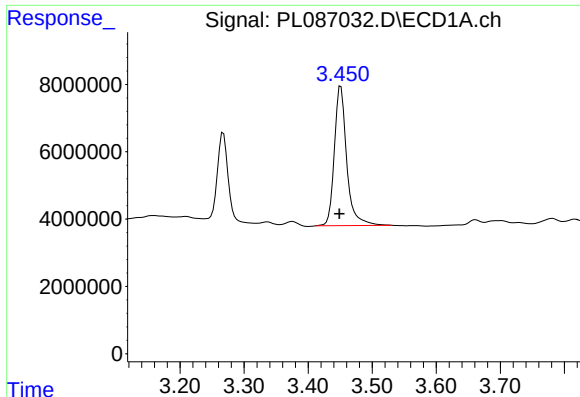
Manual Integrations
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Reviewed By : Abdul Mirza 12/11/2023
Supervised By : Ankita Jodhani 12/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 01:08:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 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





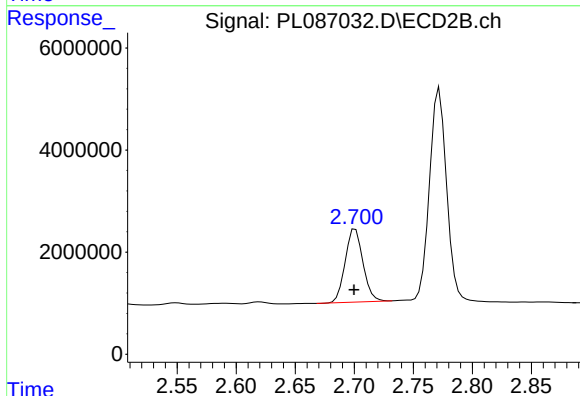
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.002 min
Response: 55679454
Conc: 17.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
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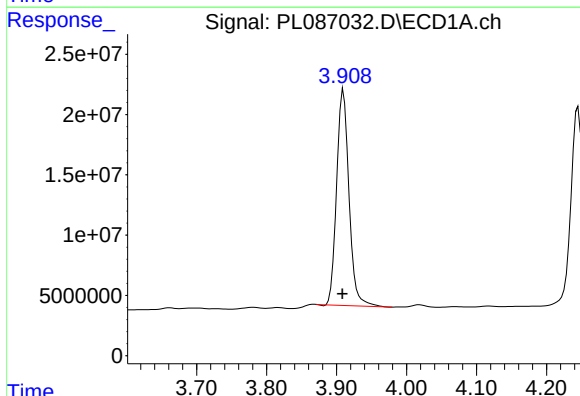
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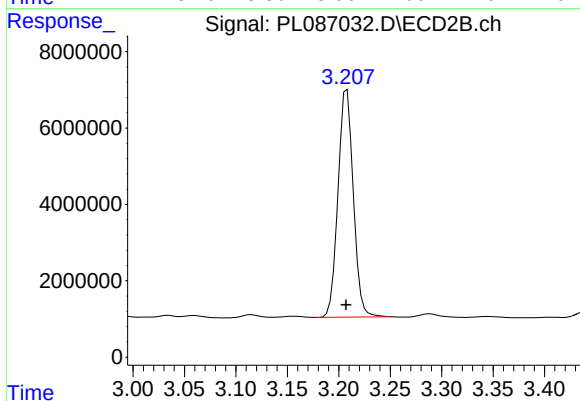
#1 Tetrachloro-m-xylene

R.T.: 2.701 min
Delta R.T.: 0.000 min
Response: 15018254
Conc: 15.35 ng/ml



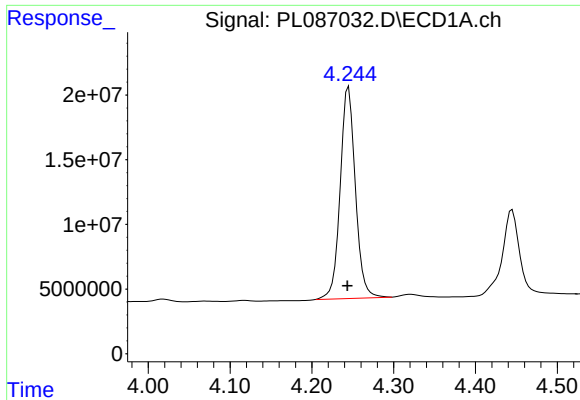
#2 alpha-BHC

R.T.: 3.910 min
Delta R.T.: 0.001 min
Response: 219682143
Conc: 48.82 ng/ml



#2 alpha-BHC

R.T.: 3.208 min
Delta R.T.: 0.000 min
Response: 61650397
Conc: 48.10 ng/ml



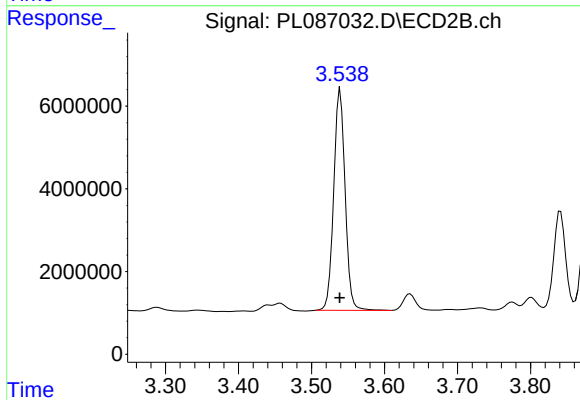
#3 gamma-BHC (Lindane)

R.T.: 4.245 min
Delta R.T.: 0.002 min
Response: 210130641
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

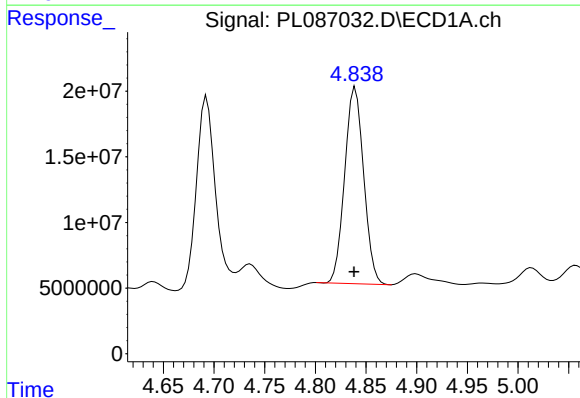
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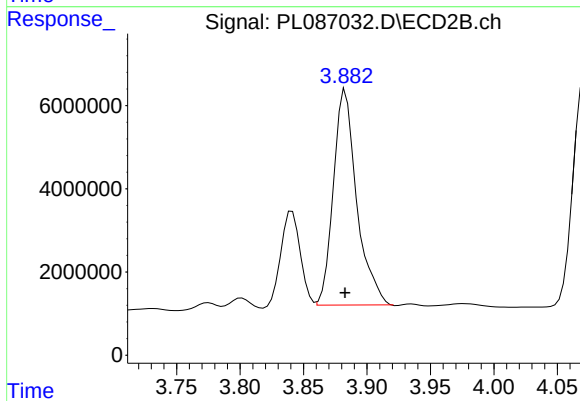
#3 gamma-BHC (Lindane)

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 58206036
Conc: 45.95 ng/ml



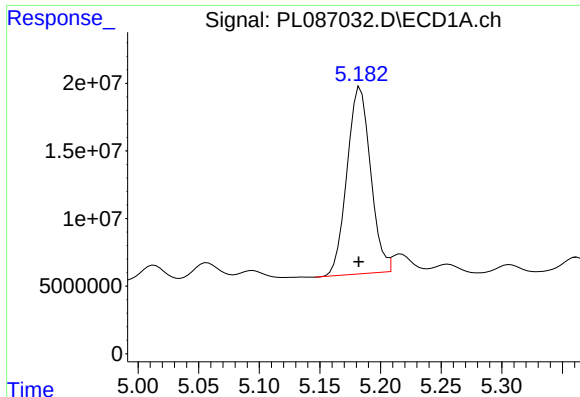
#4 Heptachlor

R.T.: 4.840 min
Delta R.T.: 0.001 min
Response: 195038550
Conc: 48.24 ng/ml



#4 Heptachlor

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 66284488
Conc: 53.26 ng/ml



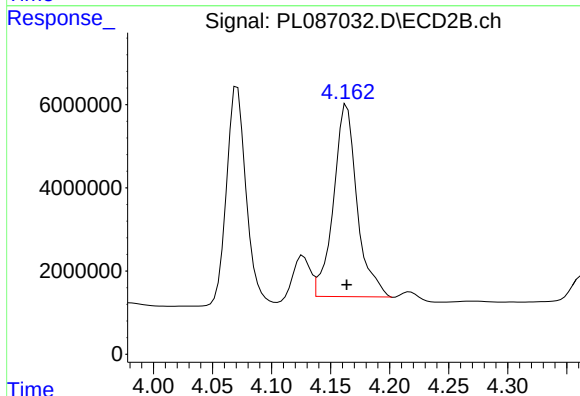
#5 Aldrin

R.T.: 5.183 min
Delta R.T.: 0.001 min
Response: 186528161
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

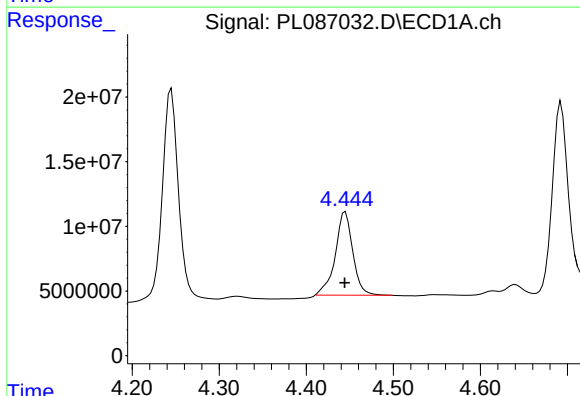
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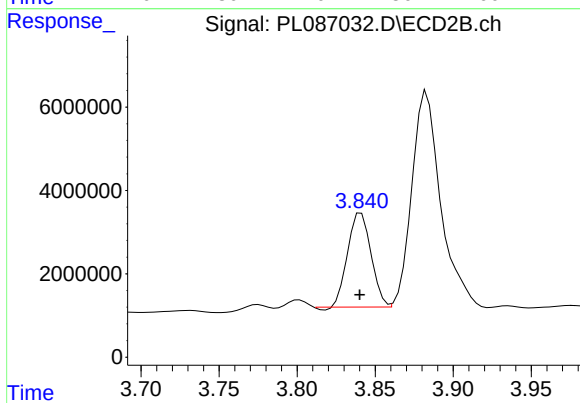
#5 Aldrin

R.T.: 4.162 min
Delta R.T.: -0.001 min
Response: 63893825
Conc: 53.12 ng/ml m



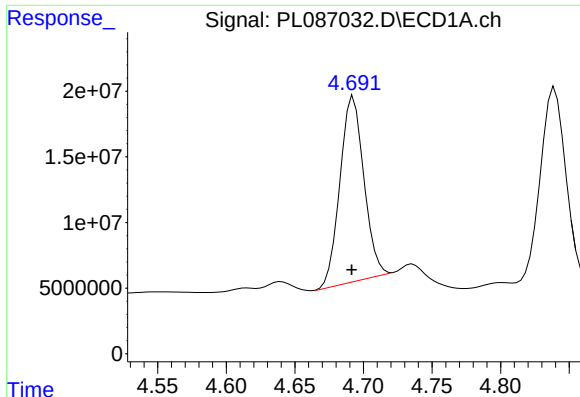
#6 beta-BHC

R.T.: 4.445 min
Delta R.T.: 0.000 min
Response: 90543200
Conc: 53.25 ng/ml



#6 beta-BHC

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 23444187
Conc: 41.32 ng/ml



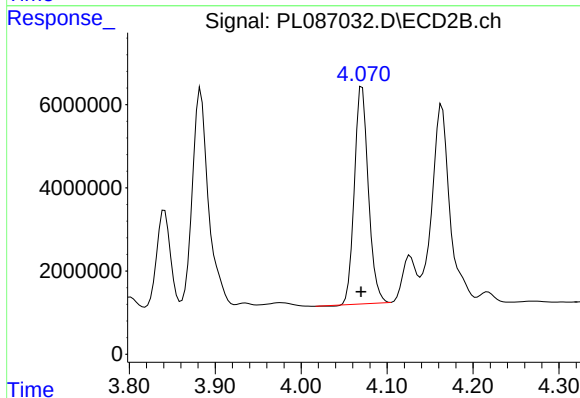
#7 delta-BHC

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 172124454
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

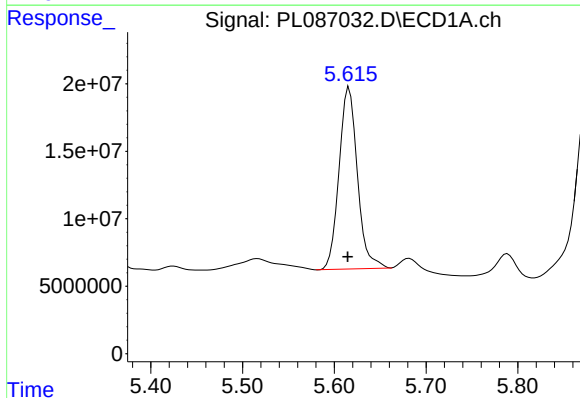
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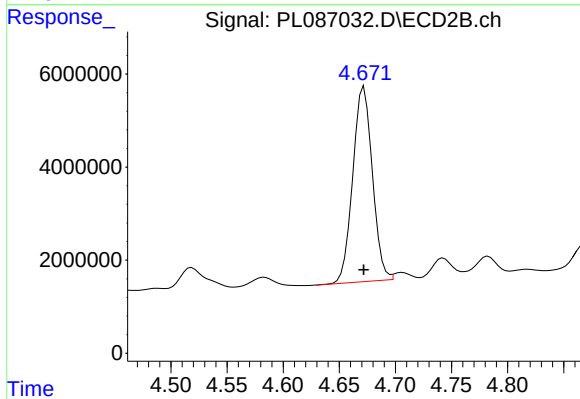
#7 delta-BHC

R.T.: 4.071 min
Delta R.T.: 0.001 min
Response: 59047788
Conc: 48.58 ng/ml



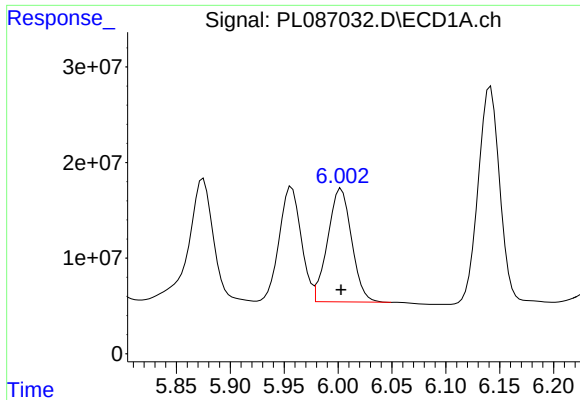
#8 Heptachlor epoxide

R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 187228429
Conc: 53.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 50827395
Conc: 46.02 ng/ml



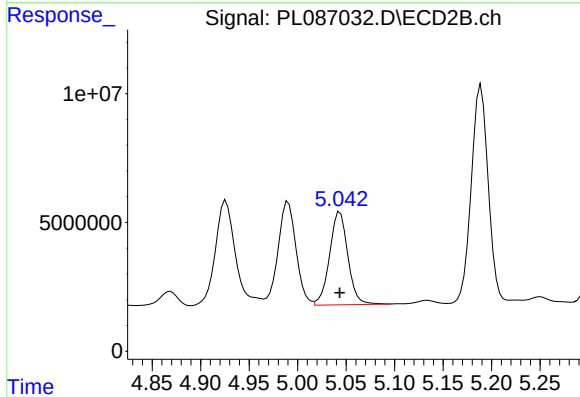
#9 Endosulfan I

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 183503085
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

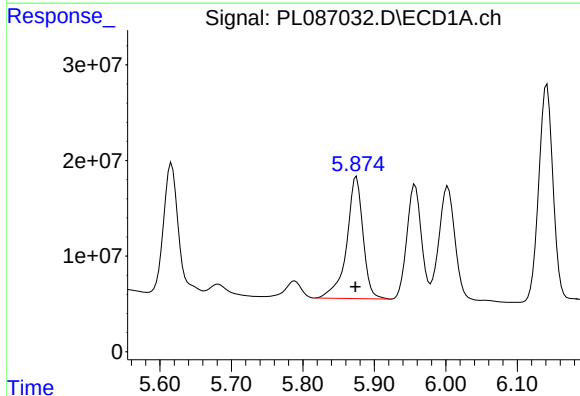
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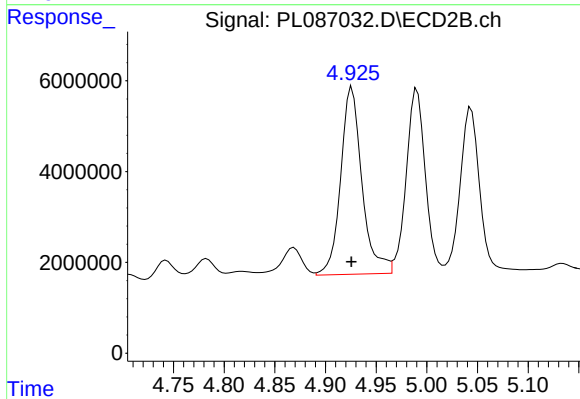
#9 Endosulfan I

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 47220013
Conc: 44.43 ng/ml



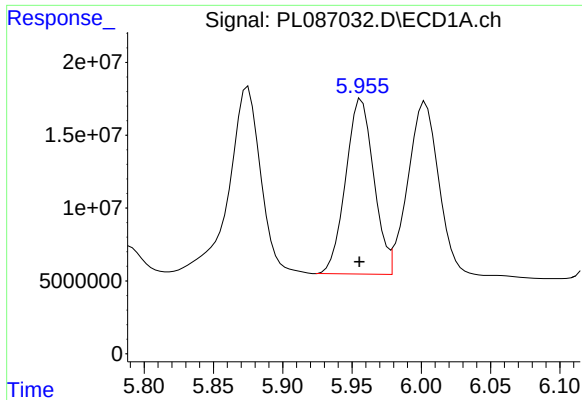
#10 gamma-Chlordane

R.T.: 5.875 min
Delta R.T.: 0.001 min
Response: 203036645
Conc: 59.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 60343363
Conc: 56.09 ng/ml



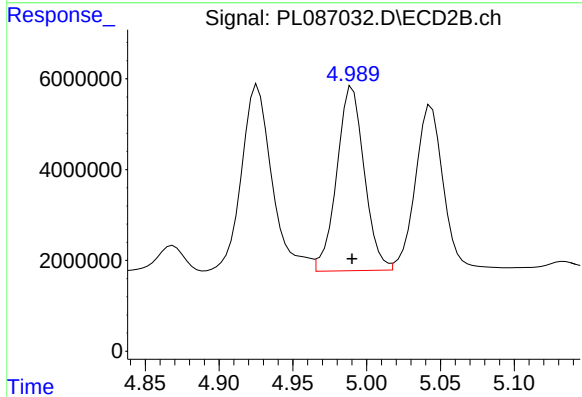
#11 alpha-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 169531707
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

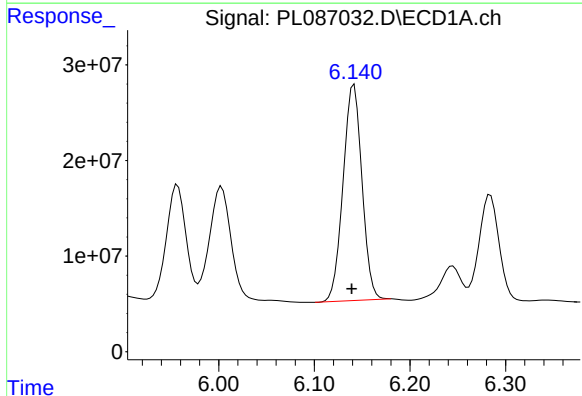
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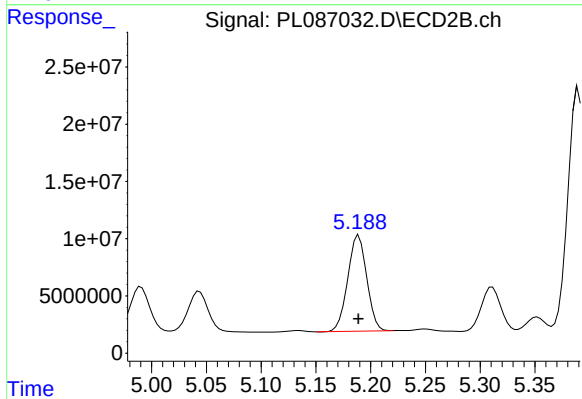
#11 alpha-Chlordane

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 52617527
Conc: 47.21 ng/ml



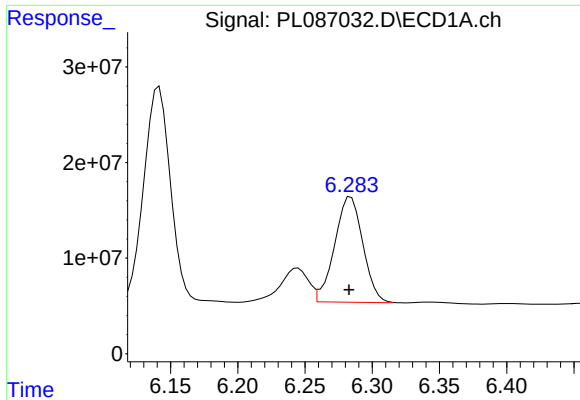
#12 4,4'-DDE

R.T.: 6.142 min
Delta R.T.: 0.002 min
Response: 311959003
Conc: 124.42 ng/ml



#12 4,4'-DDE

R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 101153905
Conc: 113.82 ng/ml



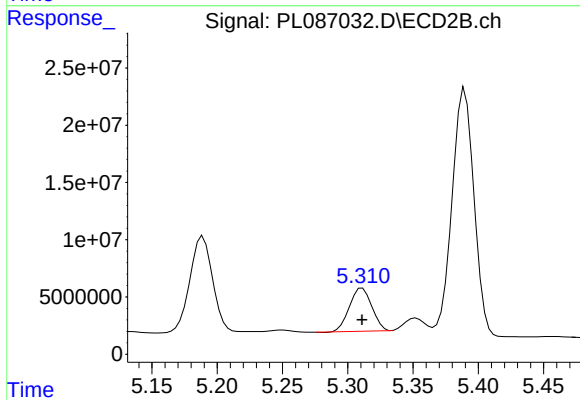
#13 Dieldrin

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 159410446
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

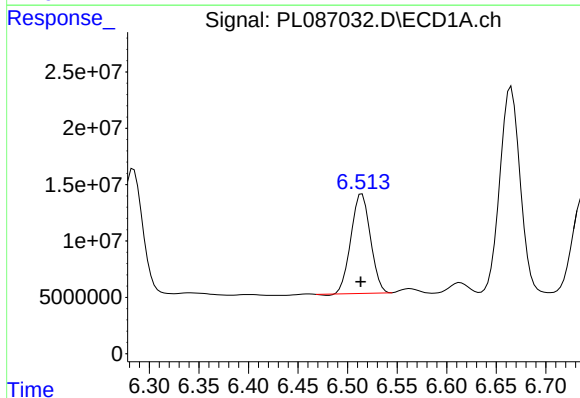
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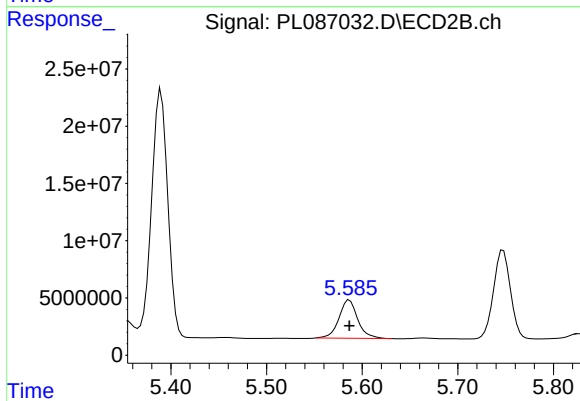
#13 Dieldrin

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 44894607
Conc: 44.80 ng/ml



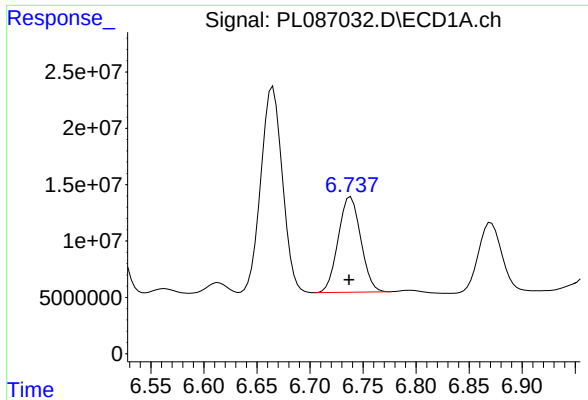
#14 Endrin

R.T.: 6.515 min
Delta R.T.: 0.001 min
Response: 120840605
Conc: 54.76 ng/ml



#14 Endrin

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 45770534
Conc: 56.11 ng/ml



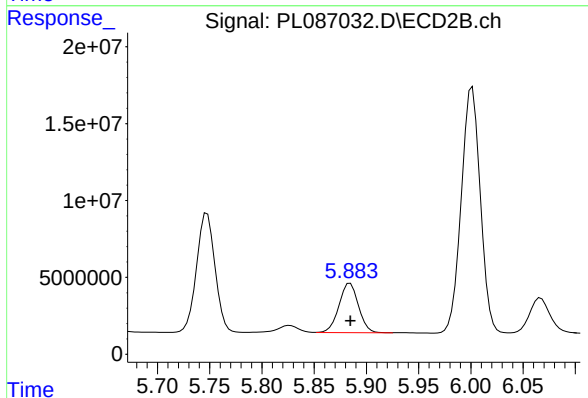
#15 Endosulfan II

R.T.: 6.738 min
Delta R.T.: 0.002 min
Response: 125013679
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

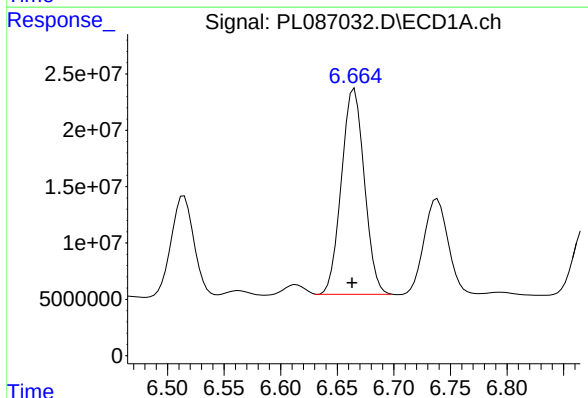
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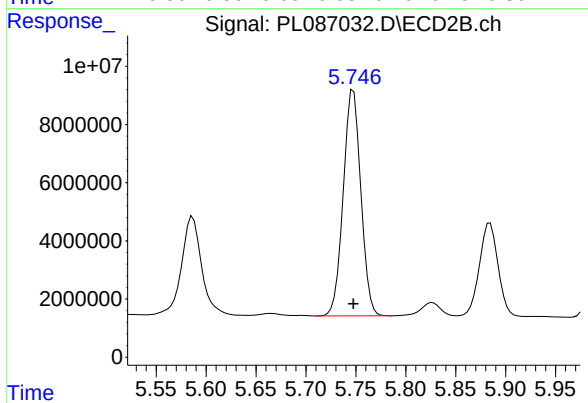
#15 Endosulfan II

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 41927980
Conc: 47.63 ng/ml



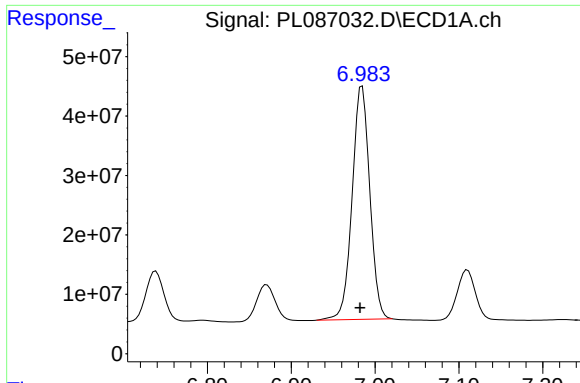
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 257382785
Conc: 128.07 ng/ml m



#16 4,4'-DDD

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 95254584
Conc: 122.87 ng/ml



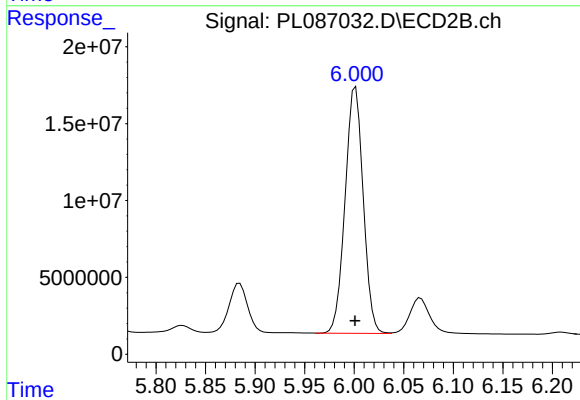
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 575717041
Conc: 290.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

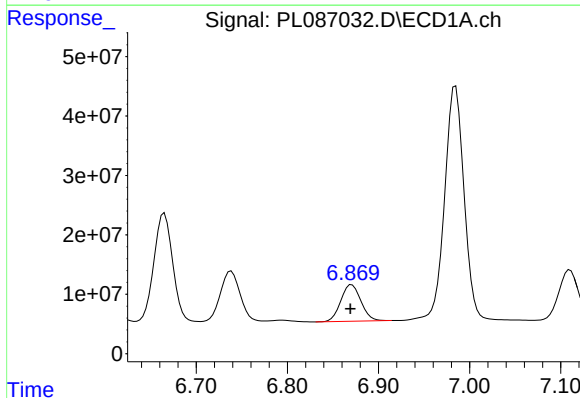
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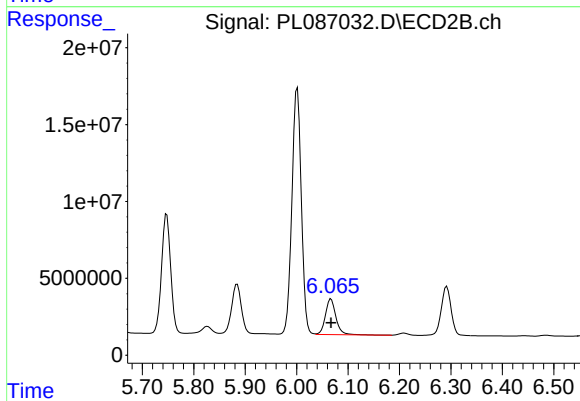
#17 4,4'-DDT

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 203855785
Conc: 268.49 ng/ml



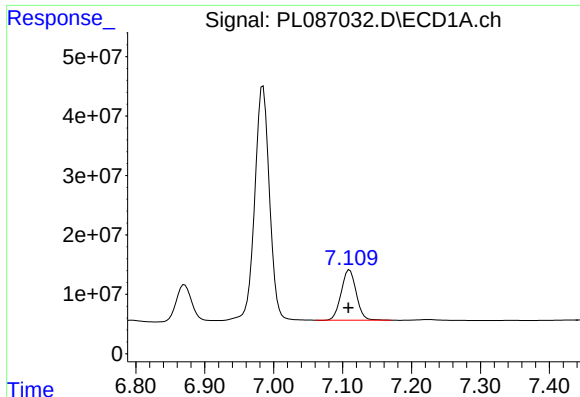
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: 0.002 min
Response: 94093408
Conc: 51.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 32710321
Conc: 47.77 ng/ml



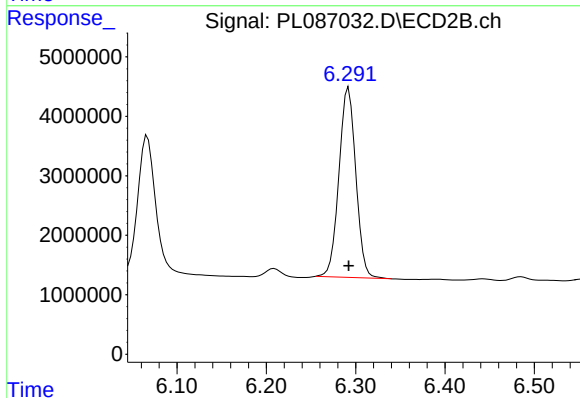
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: 0.002 min
Response: 128253639
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

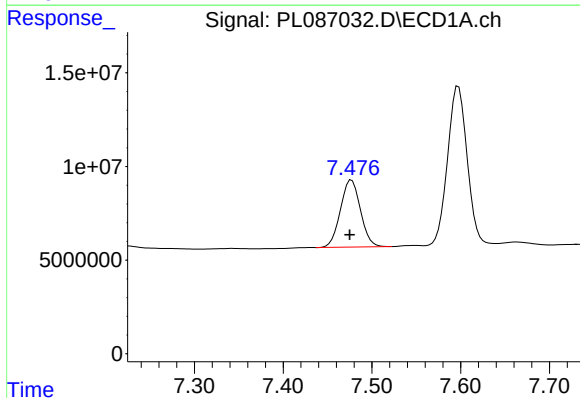
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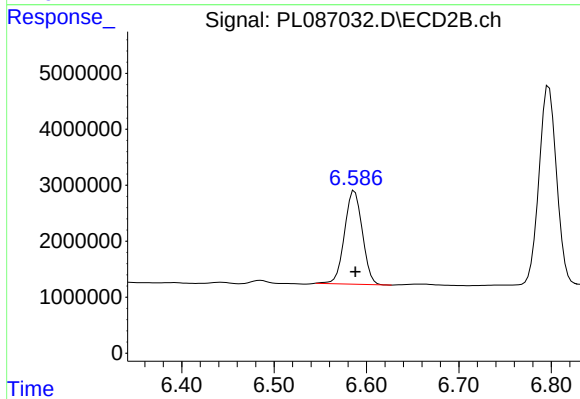
#19 Endosulfan Sulfate

R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 41797421
Conc: 47.37 ng/ml



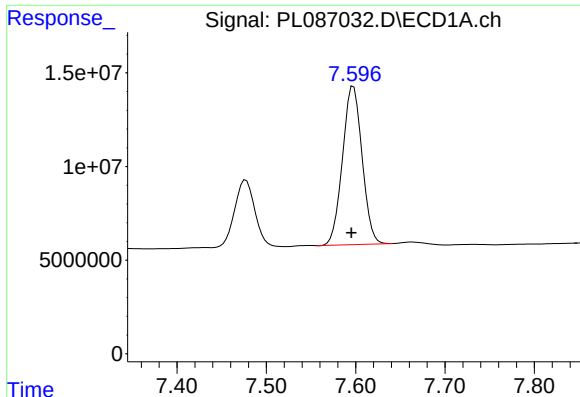
#20 Methoxychlor

R.T.: 7.477 min
Delta R.T.: 0.002 min
Response: 56195288
Conc: 52.79 ng/ml



#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 22388780
Conc: 46.83 ng/ml



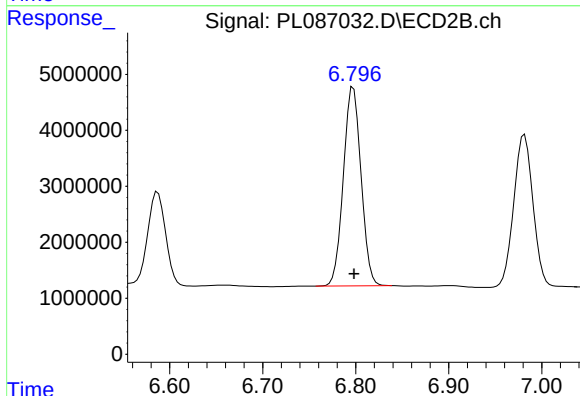
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 128753831
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

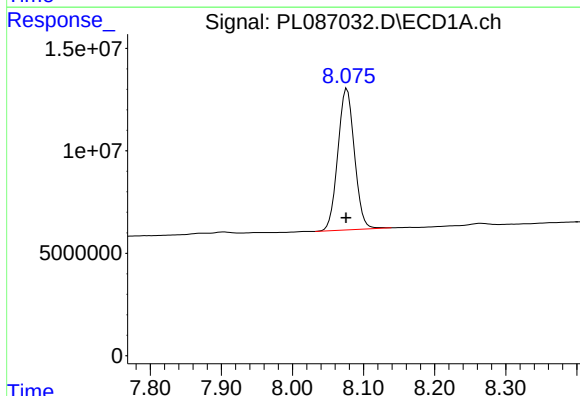
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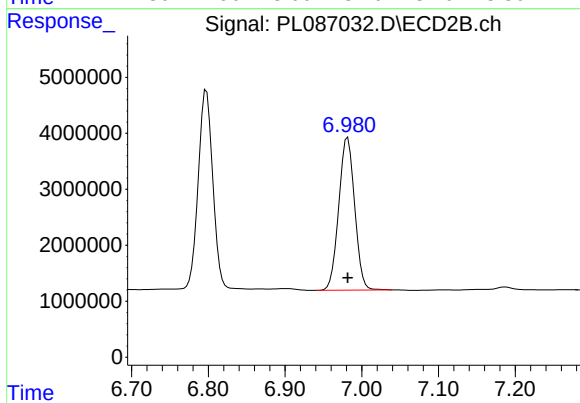
#21 Endrin ketone

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 46934883
Conc: 46.41 ng/ml



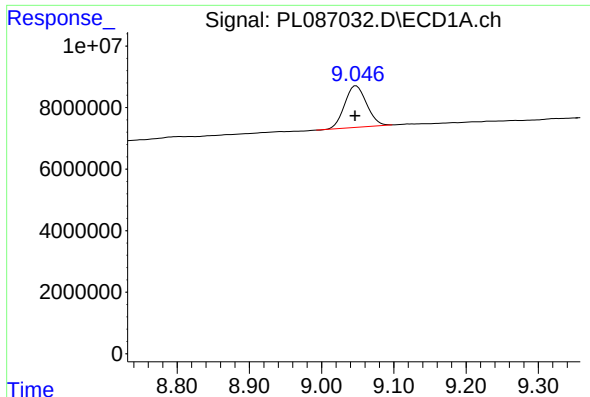
#22 Mirex

R.T.: 8.077 min
Delta R.T.: 0.001 min
Response: 111594768
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 39323292
Conc: 44.32 ng/ml



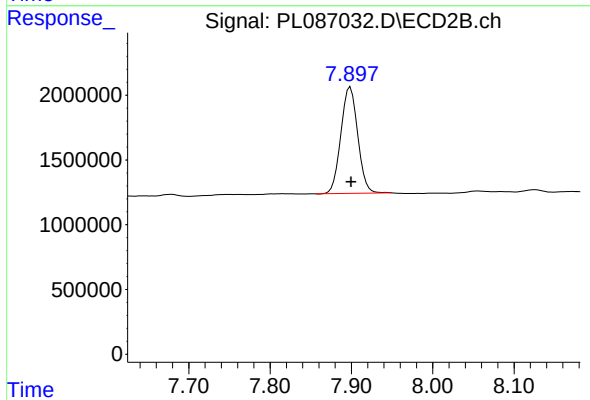
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: 0.001 min
Response: 28509236
Conc: 12.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-LINDENMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 11829630
Conc: 12.29 ng/ml