

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
 Data File : PL088847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2024 14:47
 Operator : AR\AJ
 Sample : P1927-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11991MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:13:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.634	2.852	54445066	27007671	20.546	20.265
28)	SA Decachlor...	9.298	8.078	53872115	27967215	21.794	20.626
Target Compounds							
2)	A alpha-BHC	4.099	3.366	234.2E6	120.8E6	58.666	60.127
3)	MA gamma-BHC...	4.437	3.702	228.4E6	117.8E6	58.896	61.389
4)	MA Heptachlor	5.037	4.050	219.6E6	114.5E6	57.821	63.608
5)	MB Aldrin	5.384	4.336	205.9E6	110.5E6	56.181	61.156
6)	B beta-BHC	4.635	4.004	91026379	54127123	51.328	63.141
7)	B delta-BHC	4.886	4.239	217.4E6	111.6E6	53.979	58.343
8)	B Heptachlo...	5.815	4.846	198.2E6	100.5E6	57.697	61.092
9)	A Endosulfan I	6.206	5.221	176.4E6	84137759	57.700	55.971m
10)	B gamma-Chl...	6.075	5.100	205.0E6	108.2E6	61.558	65.345
11)	B alpha-Chl...	6.156	5.165	201.2E6	106.9E6	60.534	64.403
12)	B 4,4'-DDE	6.330	5.358	152.5E6	96173189	51.051	65.936 #
13)	MA Dieldrin	6.485	5.489	195.6E6	126.2E6	60.306	77.720m#
14)	MA Endrin	6.718	5.769	159.2E6	93700396	58.231	65.005
15)	B Endosulfa...	6.938	6.068	162.4E6	91834014	56.714	63.867
16)	A 4,4'-DDD	6.852	5.920	151.7E6	79124492	59.553	63.535
17)	MA 4,4'-DDT	7.171	6.175	155.2E6	86157824	58.236	64.192
18)	B Endrin al...	7.069	6.249	117.1E6	66554855	56.092m	63.510
19)	B Endosulfa...	7.306	6.475	155.3E6	85215790	56.226	61.419
20)	A Methoxychlor	7.651	6.757	77427464	46676297	51.395	58.195
21)	B Endrin ke...	7.798	6.987	172.3E6	93667714	58.276	56.744
22)	Mirex	8.278	7.171	133.6E6	83833803	56.985m	62.172m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
Data File : PL088847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2024 14:47
Operator : AR\AJ
Sample : P1927-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

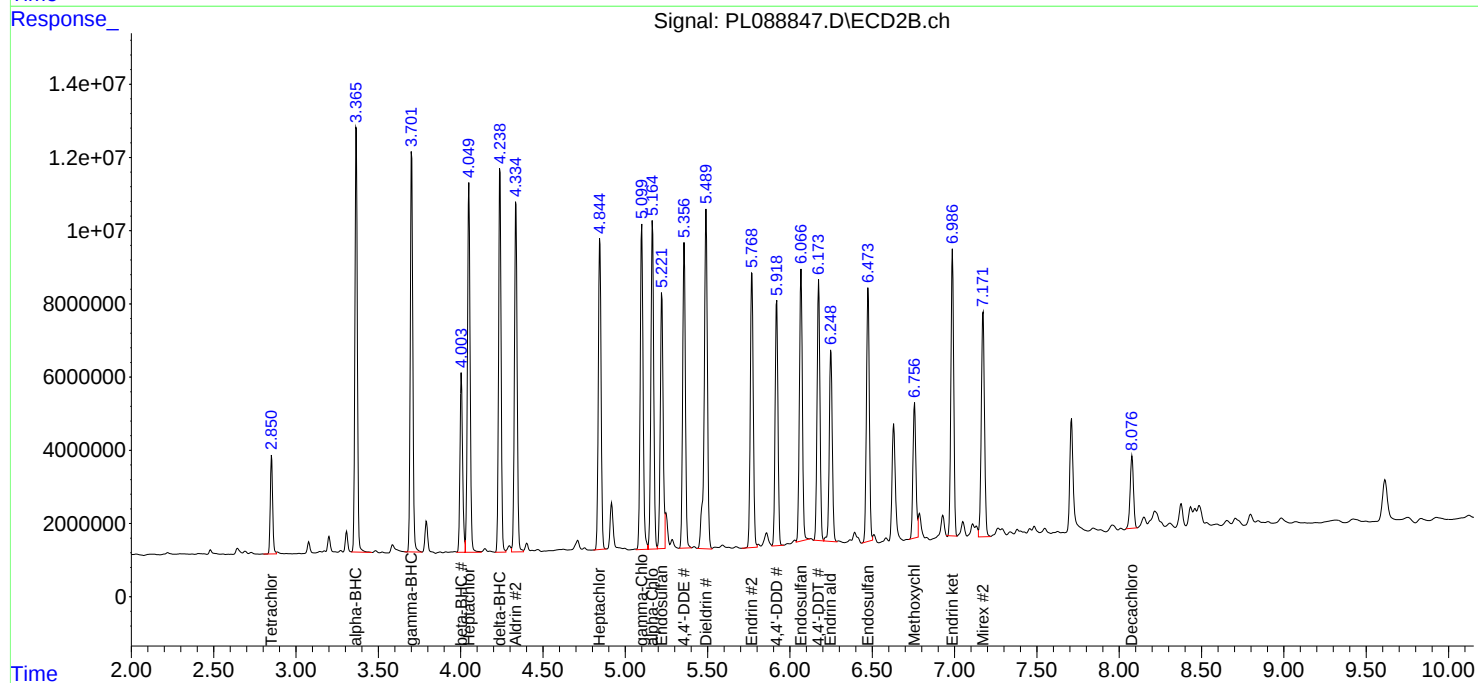
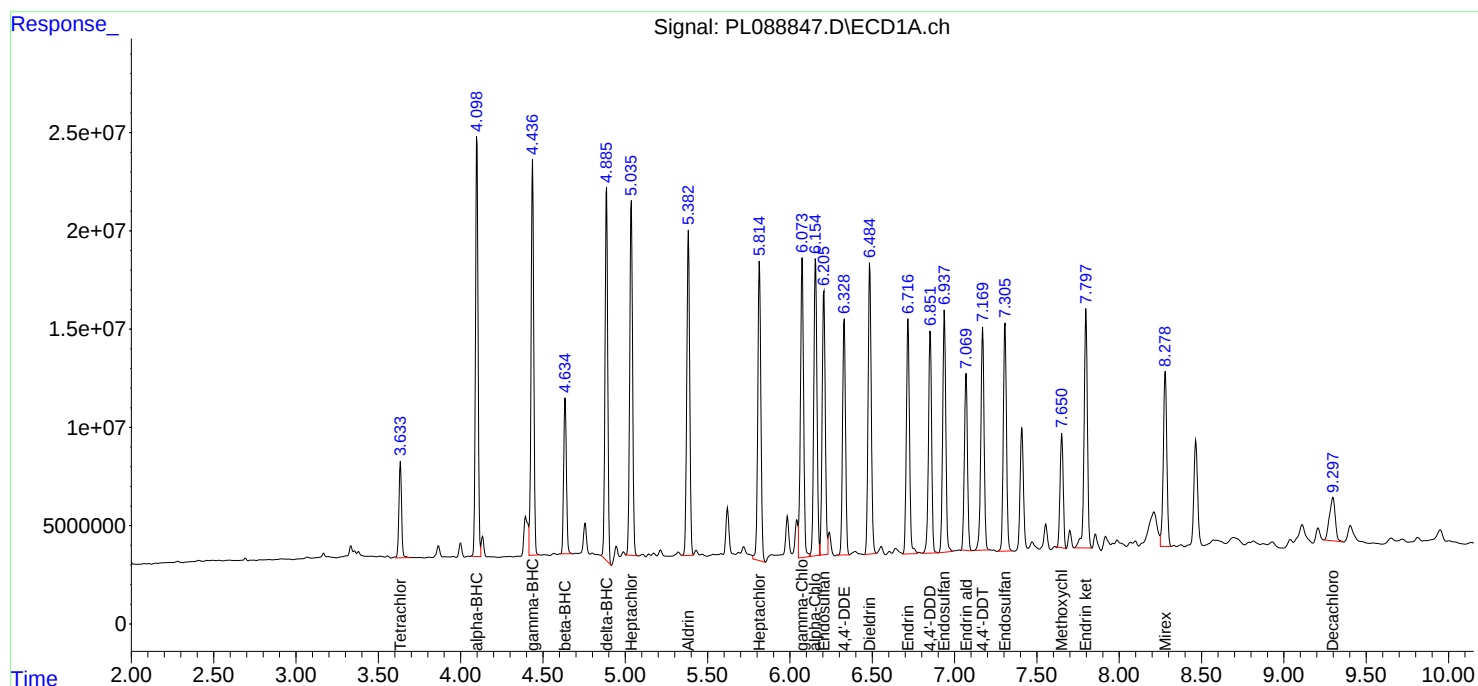
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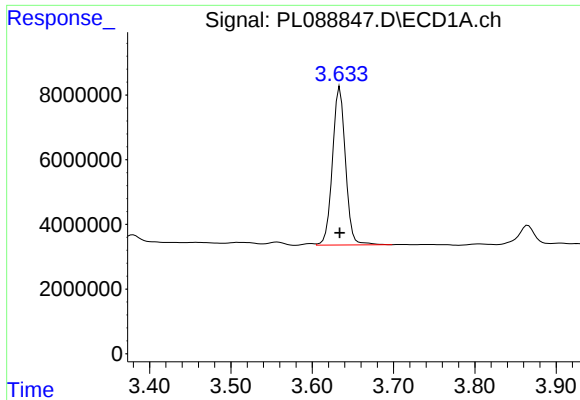
Reviewed By :Abdul Mirza 04/02/2024

Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:13:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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





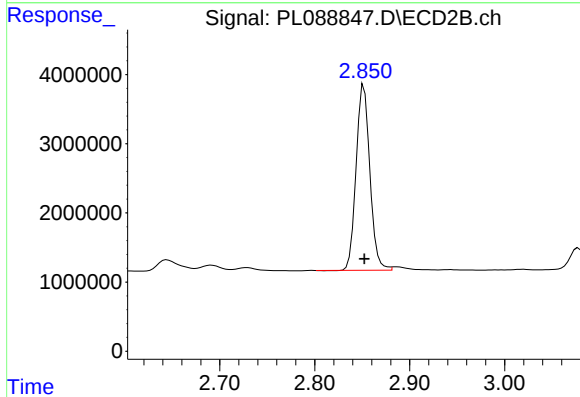
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 54445066
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

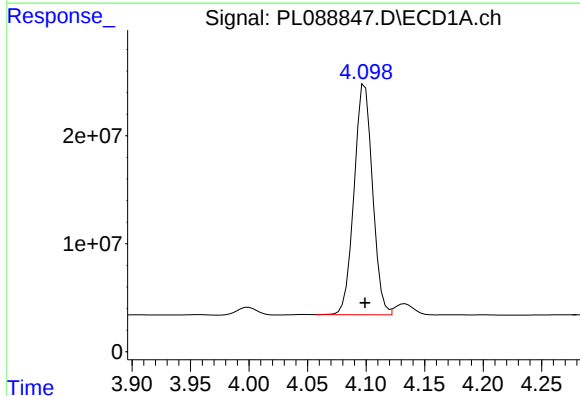
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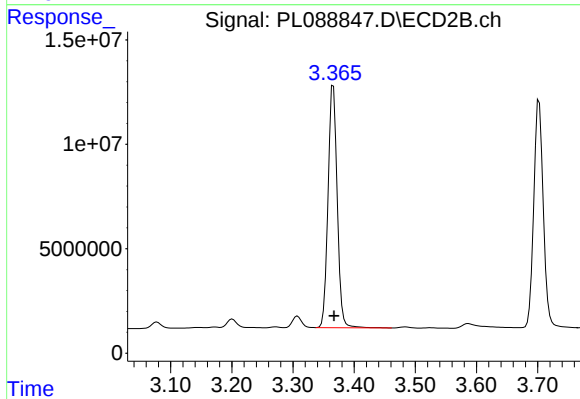
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 27007671
Conc: 20.26 ng/ml



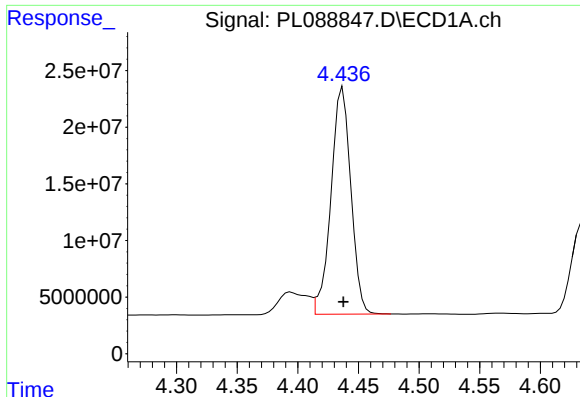
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 234178561
Conc: 58.67 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 120823538
Conc: 60.13 ng/ml



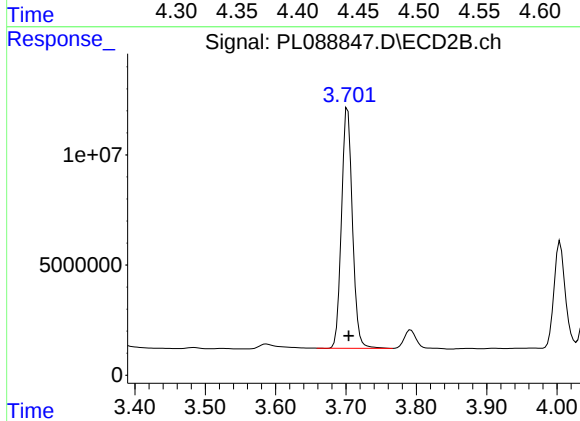
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 228410379
Conc: 58.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

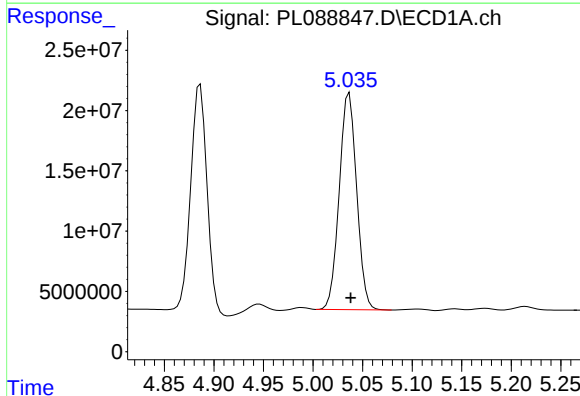
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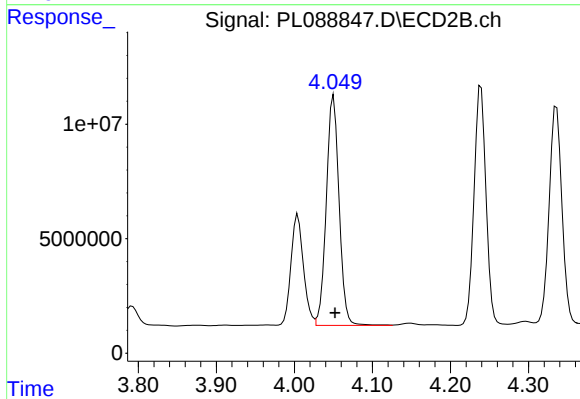
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.001 min
Response: 117813656
Conc: 61.39 ng/ml



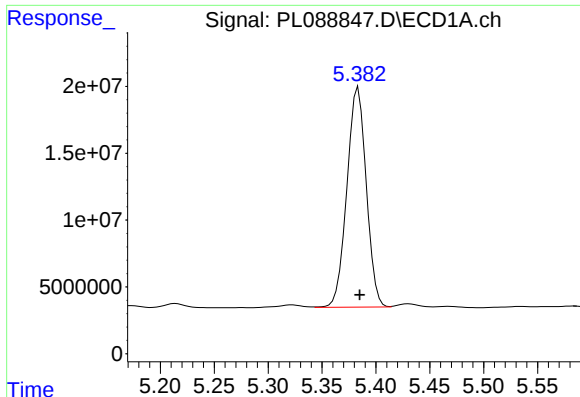
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 219570142
Conc: 57.82 ng/ml



#4 Heptachlor

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 114477319
Conc: 63.61 ng/ml



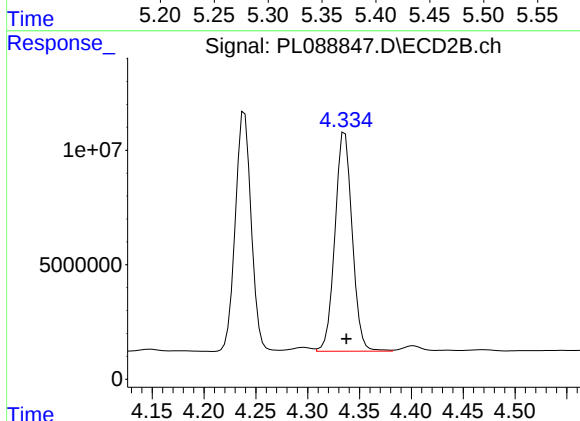
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 205873246
Conc: 56.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

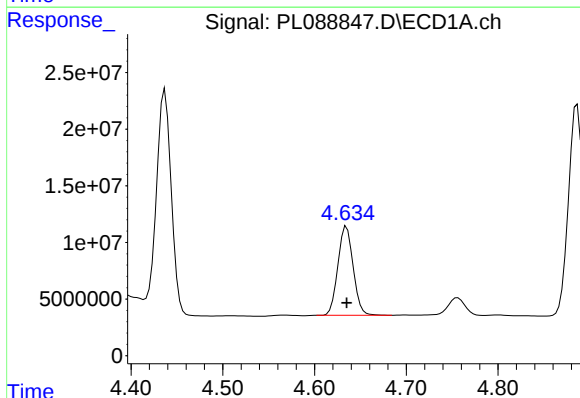
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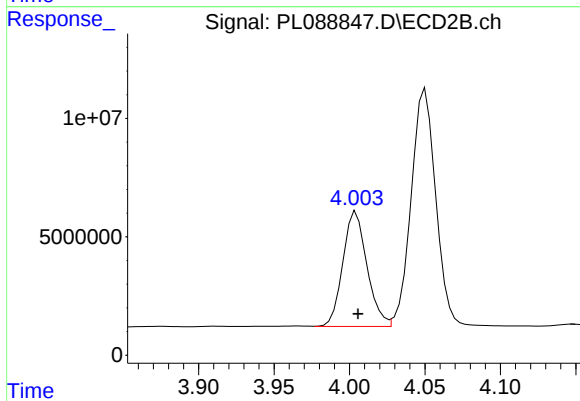
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 110513970
Conc: 61.16 ng/ml



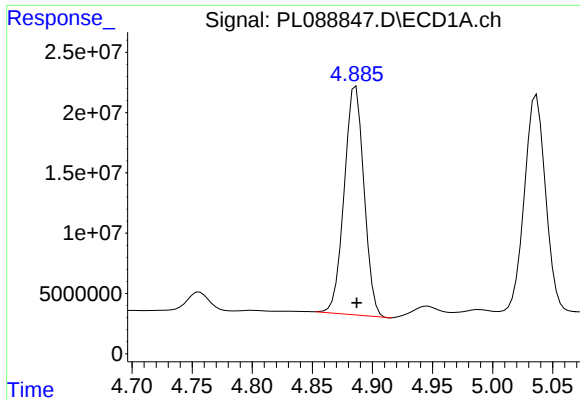
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 91026379
Conc: 51.33 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 54127123
Conc: 63.14 ng/ml



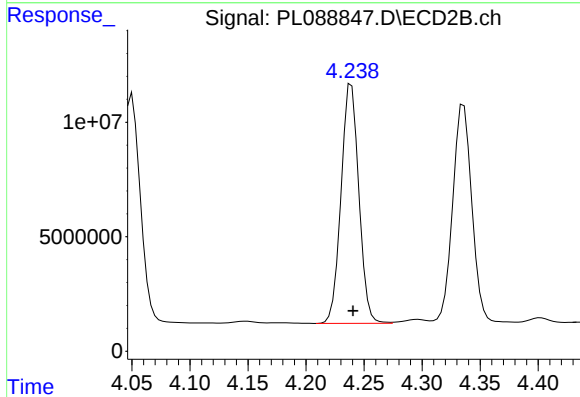
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 217436015
Conc: 53.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

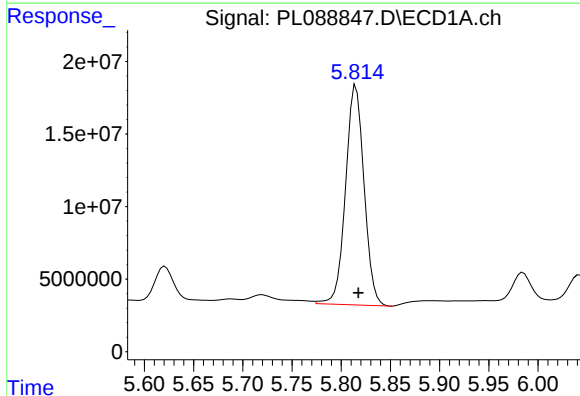
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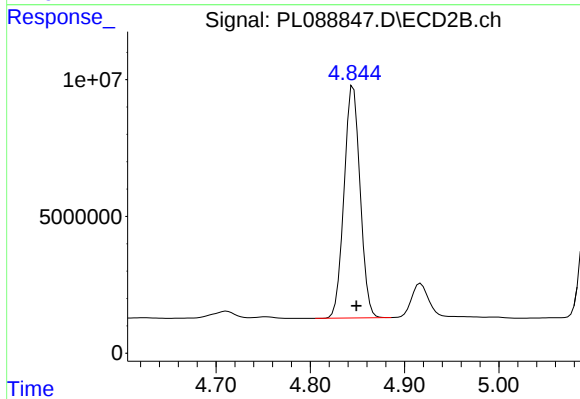
#7 delta-BHC

R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 111613276
Conc: 58.34 ng/ml



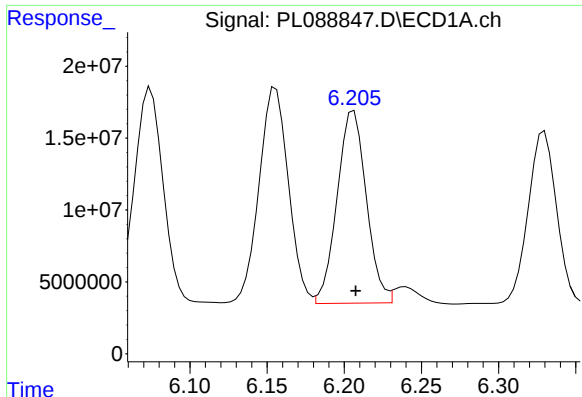
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 198187094
Conc: 57.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 100465964
Conc: 61.09 ng/ml



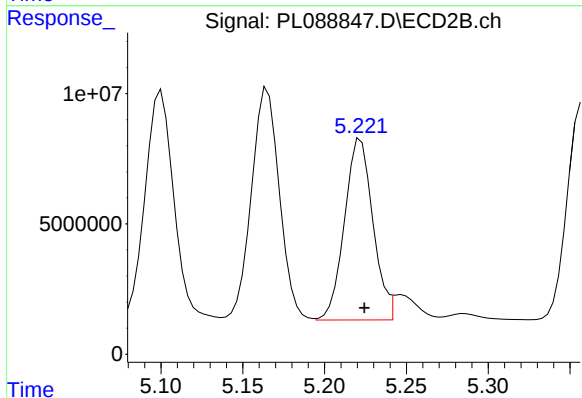
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.001 min
Response: 176359259
Conc: 57.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

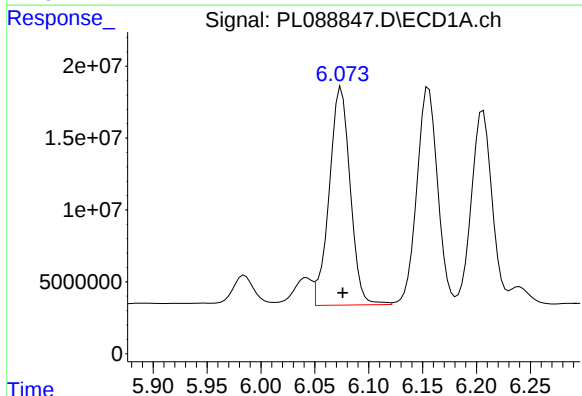
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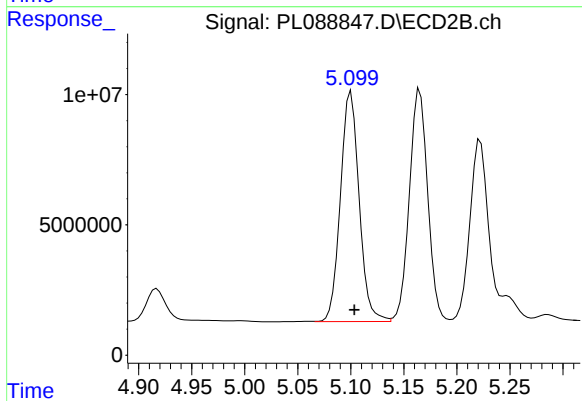
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 84137759
Conc: 55.97 ng/ml m



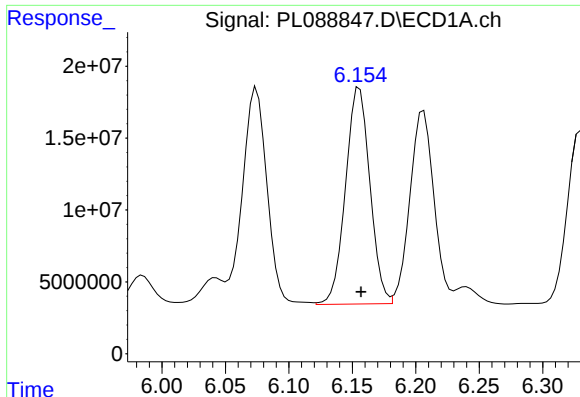
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 205039165
Conc: 61.56 ng/ml



#10 gamma-Chlordane

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 108232510
Conc: 65.35 ng/ml



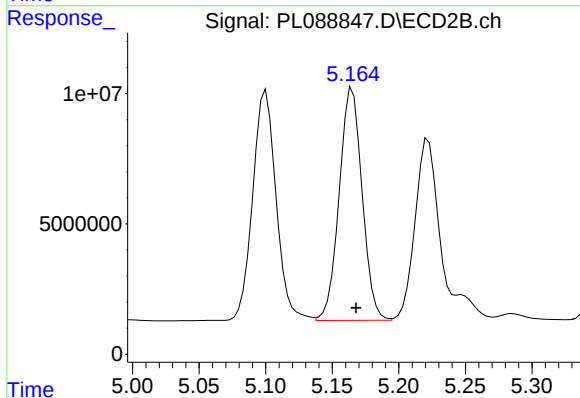
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 201219605
Conc: 60.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

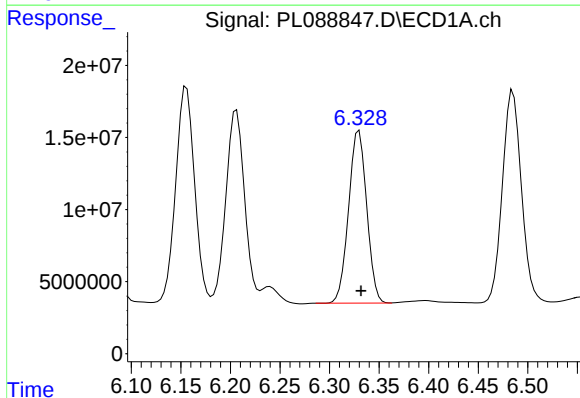
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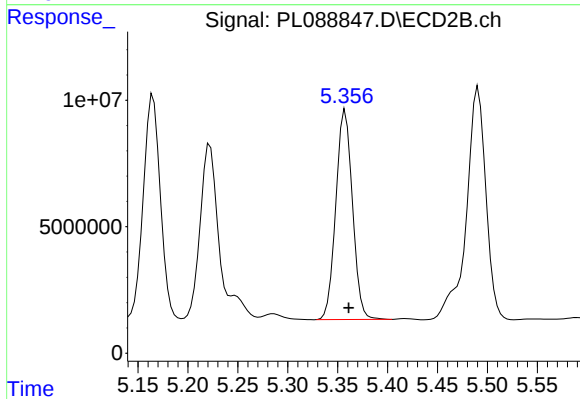
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 106905186
Conc: 64.40 ng/ml



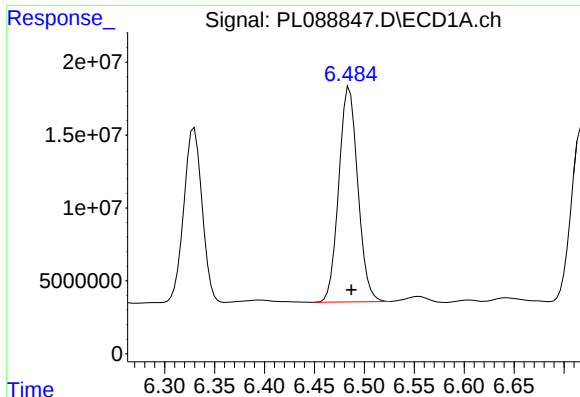
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 152524737
Conc: 51.05 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 96173189
Conc: 65.94 ng/ml



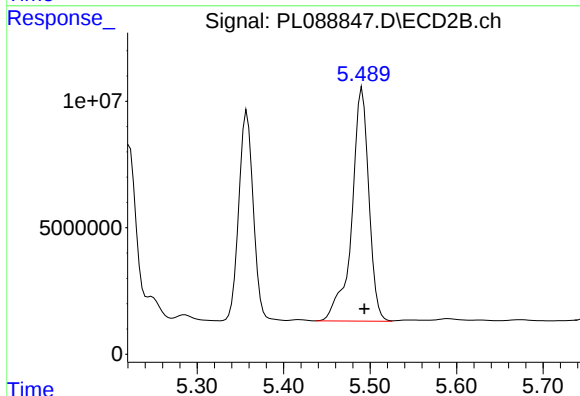
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 195553671
Conc: 60.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

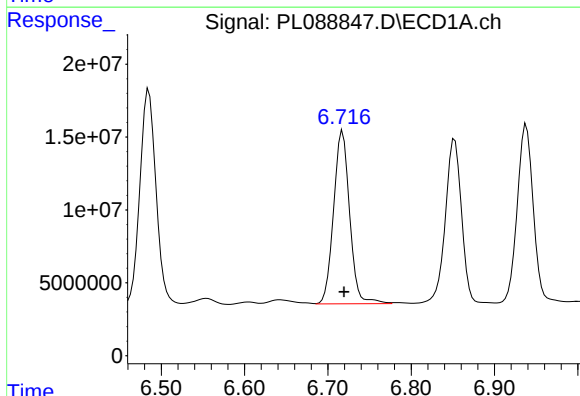
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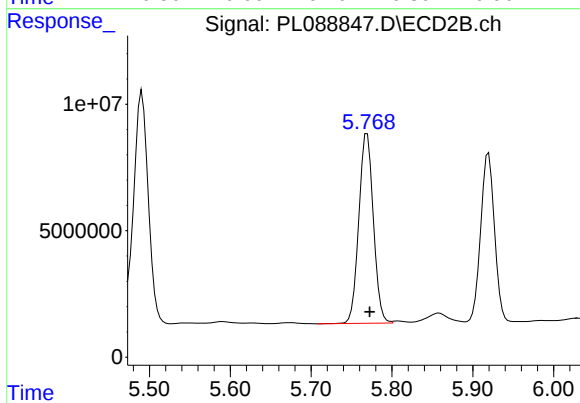
#13 Dieldrin

R.T.: 5.489 min
Delta R.T.: -0.004 min
Response: 126229572
Conc: 77.72 ng/ml m



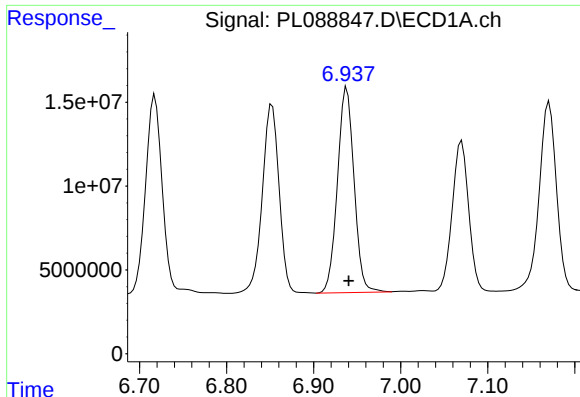
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 159187848
Conc: 58.23 ng/ml



#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 93700396
Conc: 65.01 ng/ml



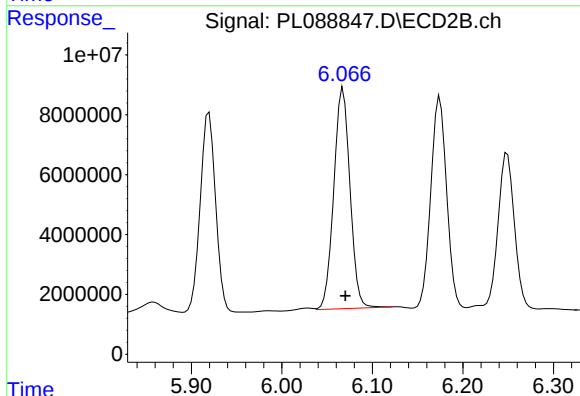
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 162441003
Conc: 56.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
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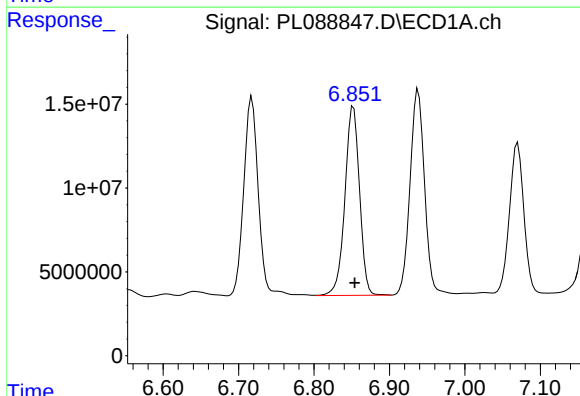
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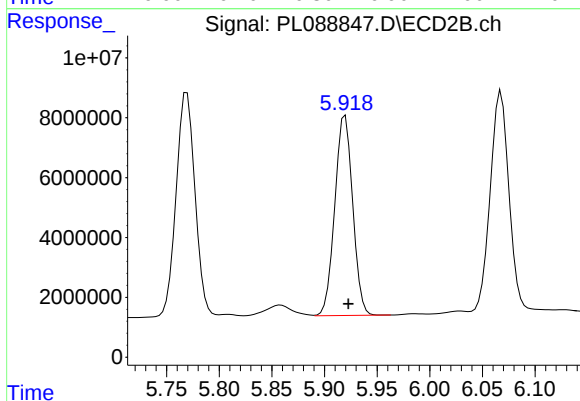
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 91834014
Conc: 63.87 ng/ml



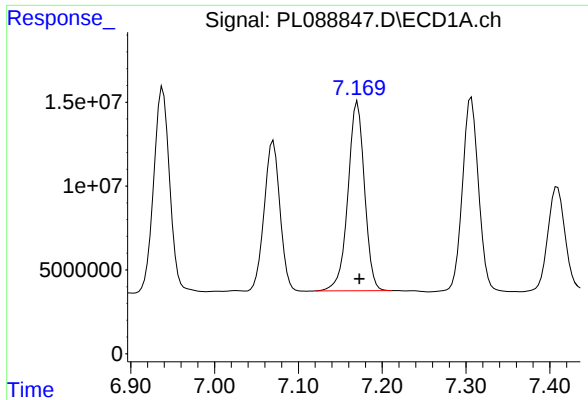
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 151667605
Conc: 59.55 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 79124492
Conc: 63.53 ng/ml



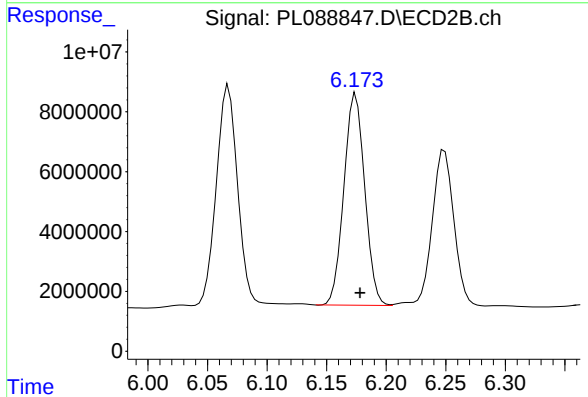
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 155226027
Conc: 58.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

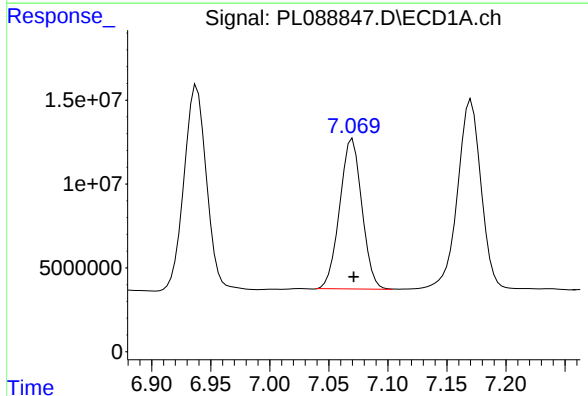
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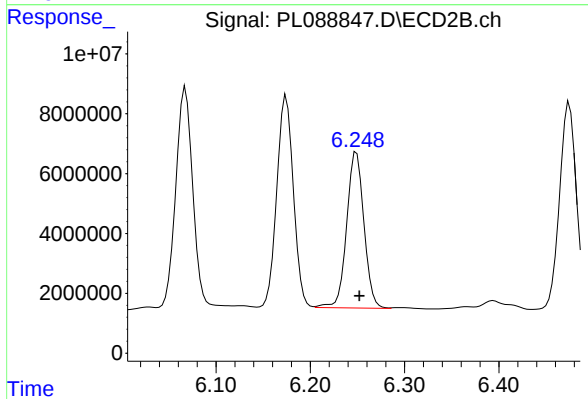
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 86157824
Conc: 64.19 ng/ml



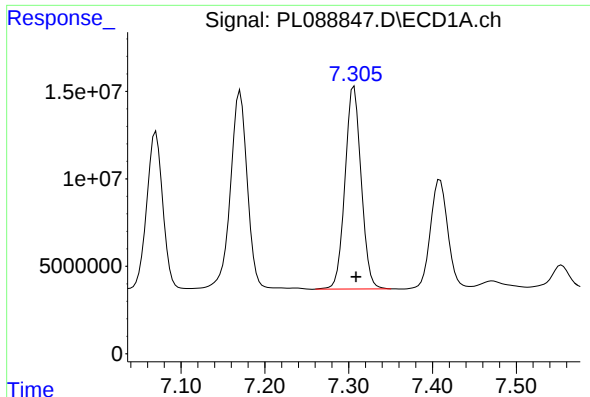
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 117110518
Conc: 56.09 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 66554855
Conc: 63.51 ng/ml



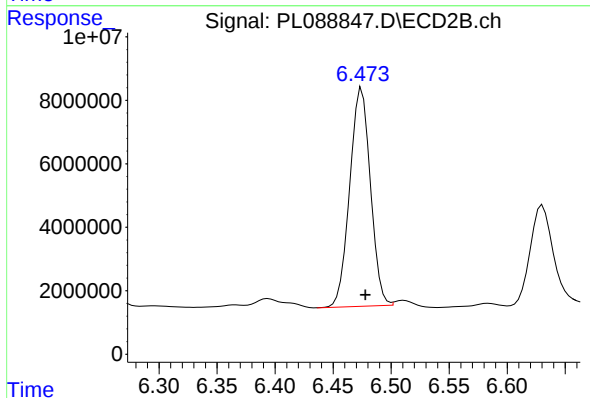
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: -0.002 min
Response: 155257479
Conc: 56.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

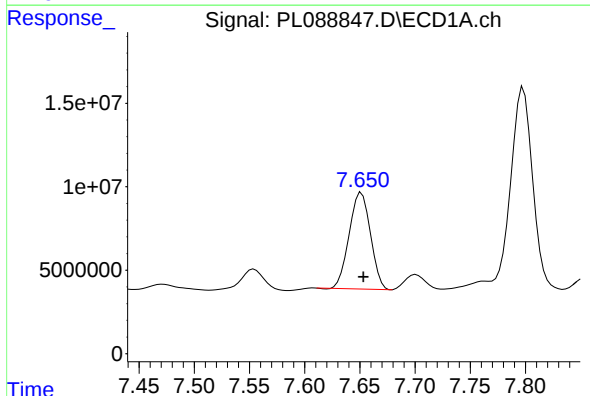
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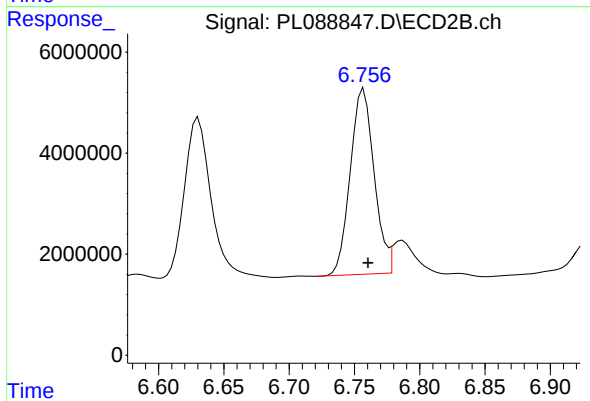
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 85215790
Conc: 61.42 ng/ml



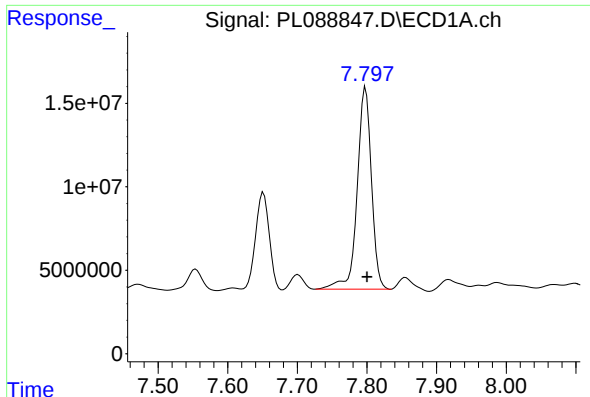
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 77427464
Conc: 51.40 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 46676297
Conc: 58.19 ng/ml



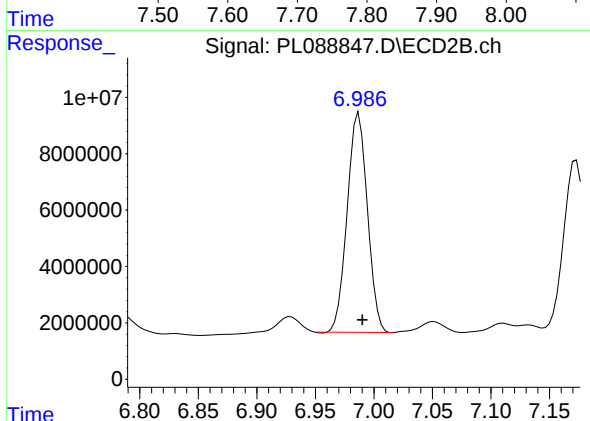
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 172287849
Conc: 58.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

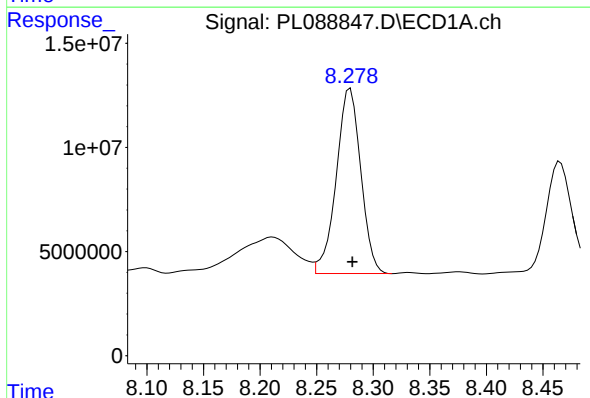
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2024
Supervised By :Ankita Jodhani 04/02/2024



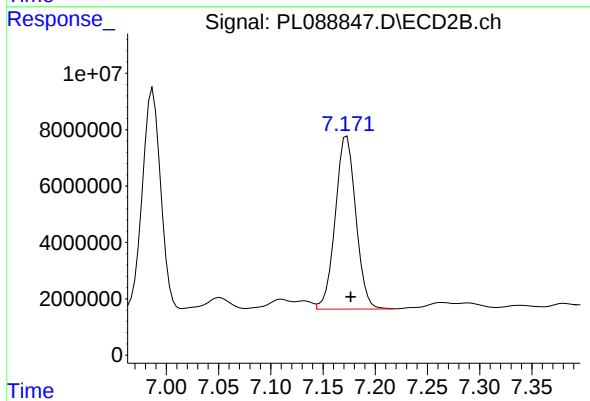
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.003 min
Response: 93667714
Conc: 56.74 ng/ml



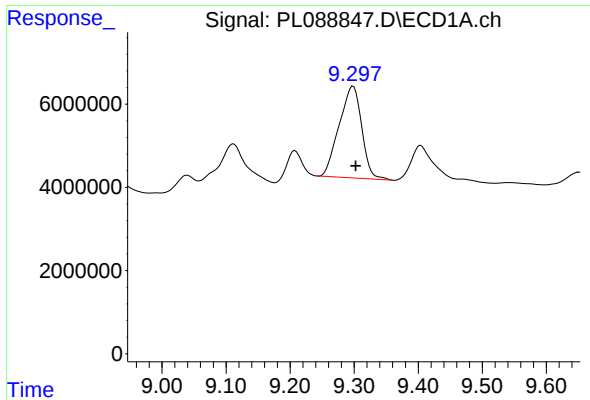
#22 Mirex

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 133600653
Conc: 56.98 ng/ml m



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.005 min
Response: 83833803
Conc: 62.17 ng/ml m



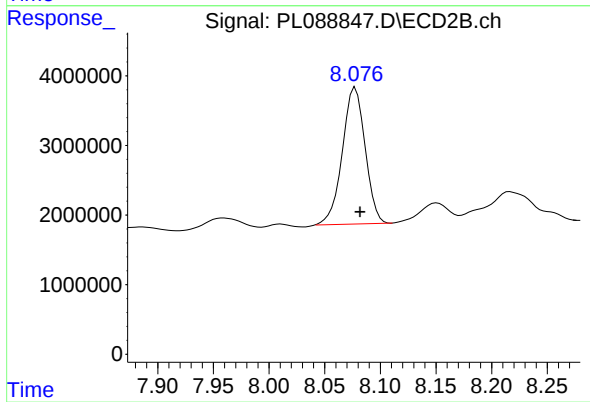
#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.004 min
Response: 53872115
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11991MSD

Manual Integrations
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Supervised By :Ankita Jodhani 04/02/2024



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 27967215
Conc: 20.63 ng/ml