

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 18:38
 Operator : AR\AJ
 Sample : P2414-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 1011UMR-SS004-0212-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 01:06:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.550	2.796	44238624	28413333	21.969	22.145
28)	SA Decachlor...	9.066	7.948	27025862	31353967	19.318	23.308
Target Compounds							
2)	A alpha-BHC	4.006	3.300	146.2E6	102.2E6	51.266	54.138m
3)	MA gamma-BHC...	4.339	3.632	134.9E6	99304796	48.457	53.816
4)	MA Heptachlor	4.928	3.974	124.7E6	93995220	50.297m	53.641
5)	MB Aldrin	5.270	4.255	143.8E6	96600076	55.972	54.644
6)	B beta-BHC	4.533	3.929	60314167	45305275	47.809	55.490
7)	B delta-BHC	4.780	4.160	129.0E6	97633349	48.651m	54.265
8)	B Heptachlo...	5.693	4.757	224.4E6	102.8E6	95.682m	63.561m#
9)	A Endosulfan I	6.081	5.127	111.5E6	112.5E6	51.857	75.137 #
10)	B gamma-Chl...	5.953	5.009	829.1E6	530.9E6	362.696	323.523
11)	B alpha-Chl...	6.035	5.073	1143.2E6	643.6E6	502.567	390.254
12)	B 4,4'-DDE	6.203	5.261	100.1E6	82536640	49.482	56.766m
13)	MA Dieldrin	6.357	5.393	110.9E6	88190689	49.533	54.821m
14)	MA Endrin	6.586	5.670	86857983	93547396	45.851	65.069 #
15)	B Endosulfa...	6.805	5.967	114.2E6	207.1E6	57.239	143.979 #
16)	A 4,4'-DDD	6.721	5.816	126.4E6	71001152	74.930	57.573
17)	MA 4,4'-DDT	7.034	6.068	87862131	74021693	47.778	54.710
18)	B Endrin al...	6.933	6.142	85769532	63876580	56.715m	57.427
19)	B Endosulfa...	7.168	6.366	85920882	76778319	47.500	55.349
20)	A Methoxychlor	7.508	6.643	46086833	38033401	46.865	47.566
21)	B Endrin ke...	7.654	6.872	94459376	84755139	47.191	53.005
22)	Mirex	8.127	7.054	70283150	70328958	45.224m	51.552m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 18:38
Operator : AR\AJ
Sample : P2414-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

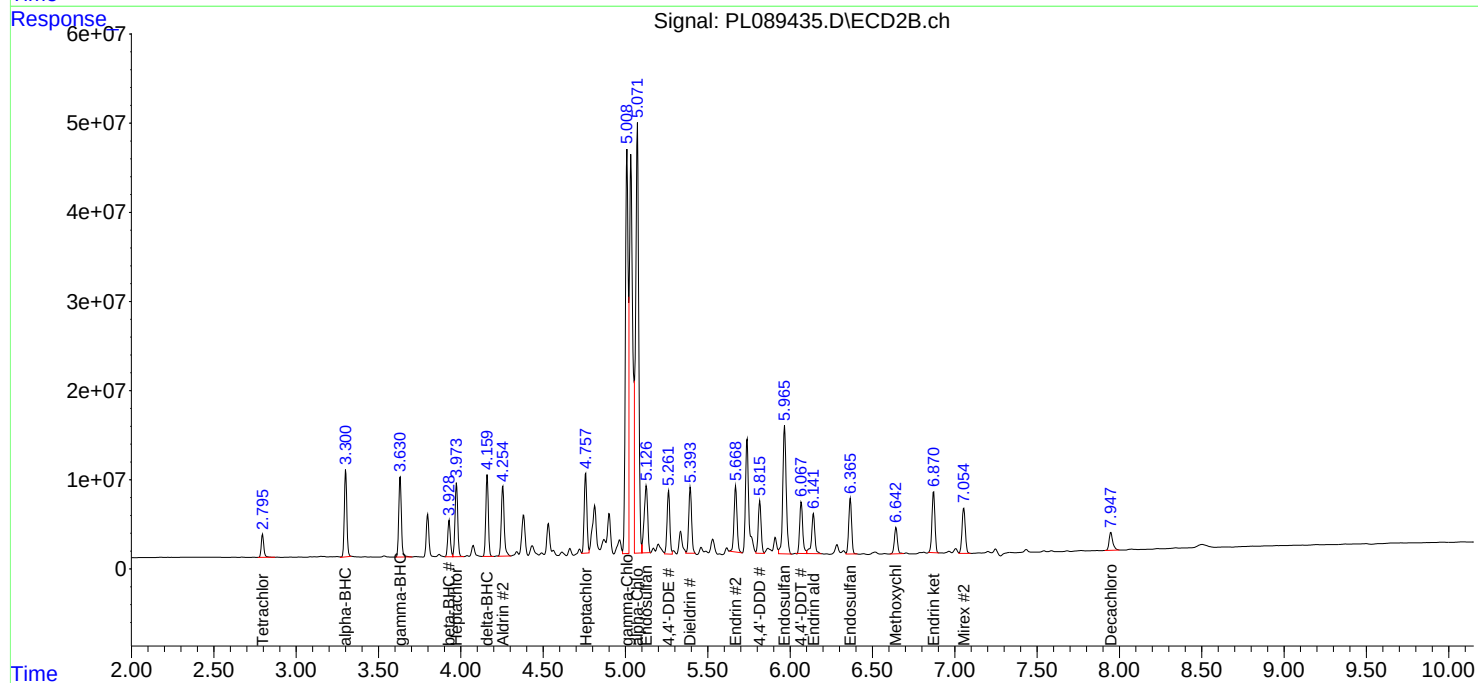
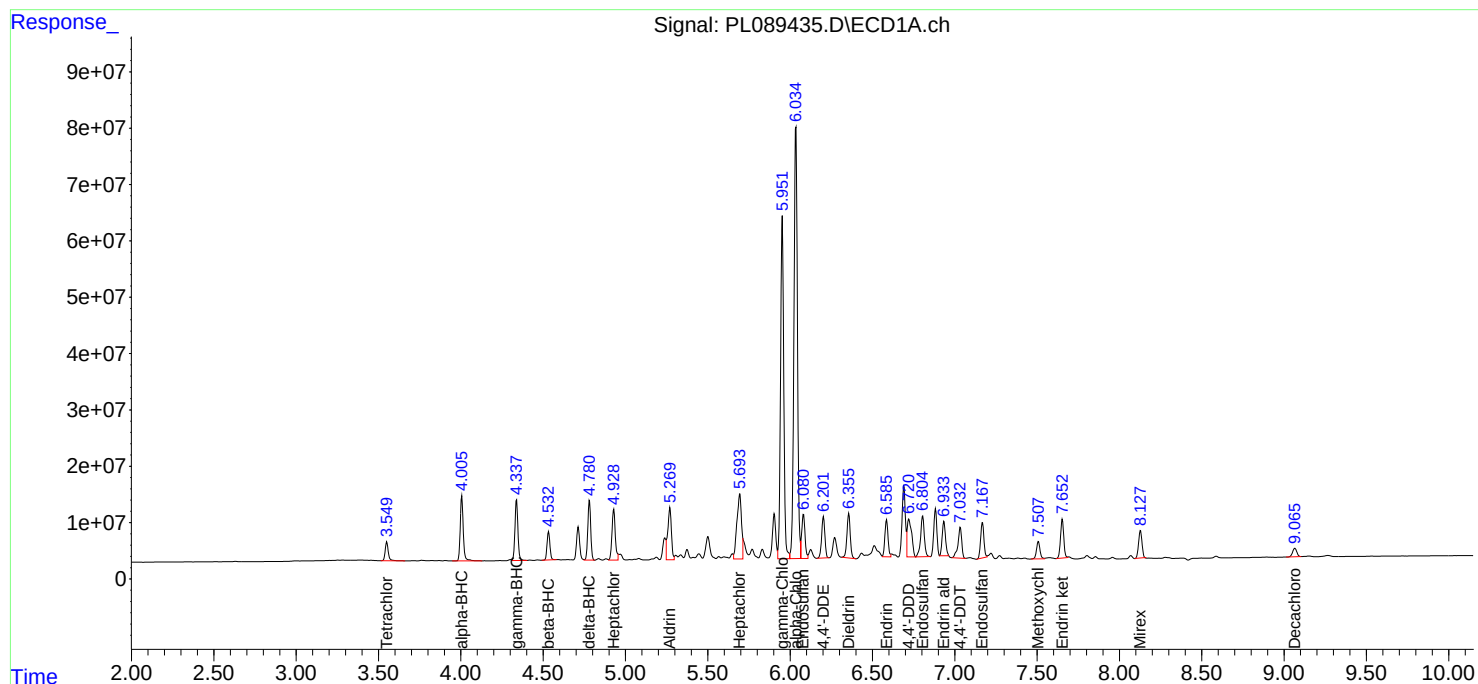
Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

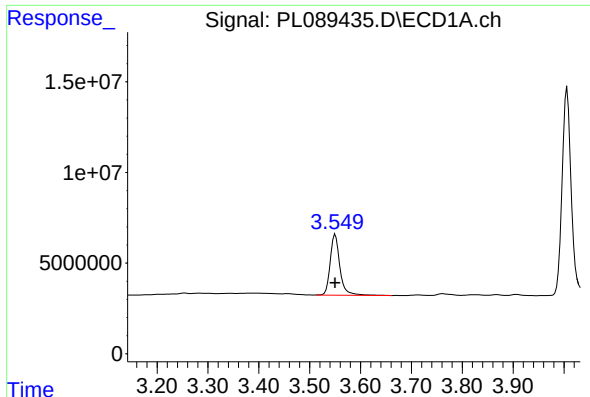
Manual Integrations
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Supervised By :Ankita Jodhani 05/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 01:06:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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





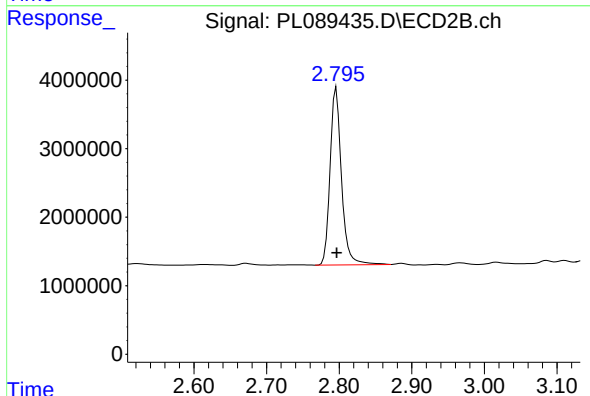
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 44238624
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

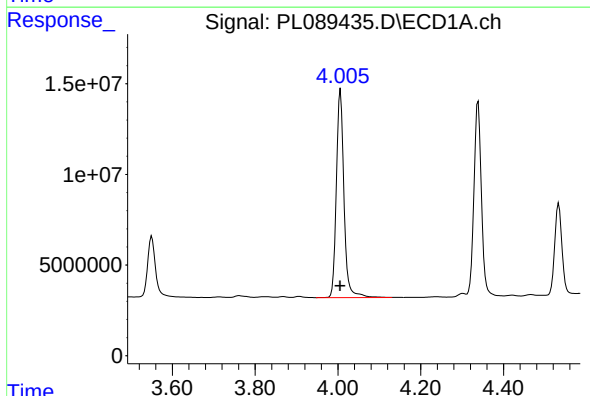
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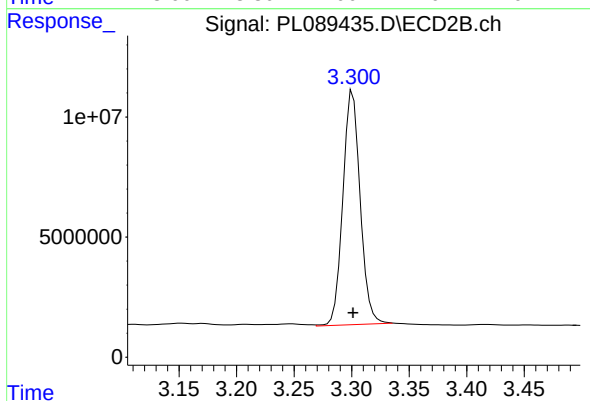
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 28413333
Conc: 22.15 ng/ml



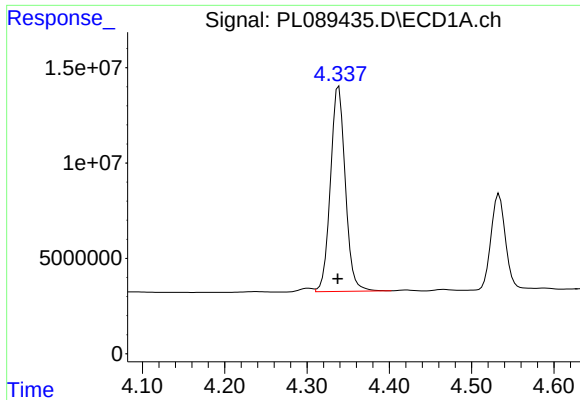
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 146200166
Conc: 51.27 ng/ml



#2 alpha-BHC

R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 102151365
Conc: 54.14 ng/ml m



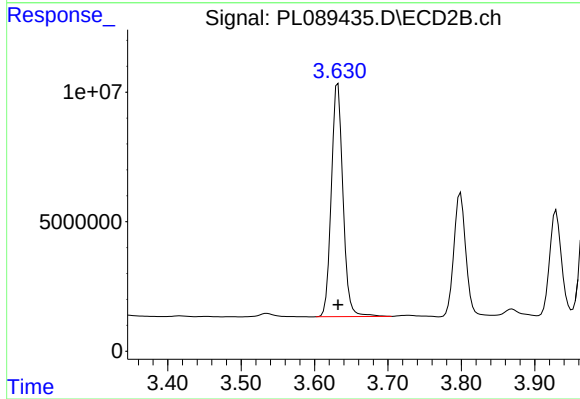
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 134902161
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

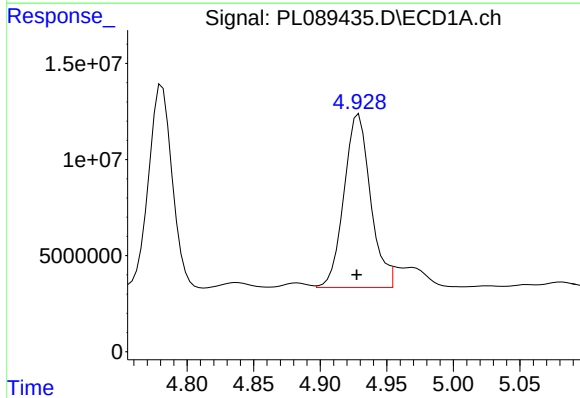
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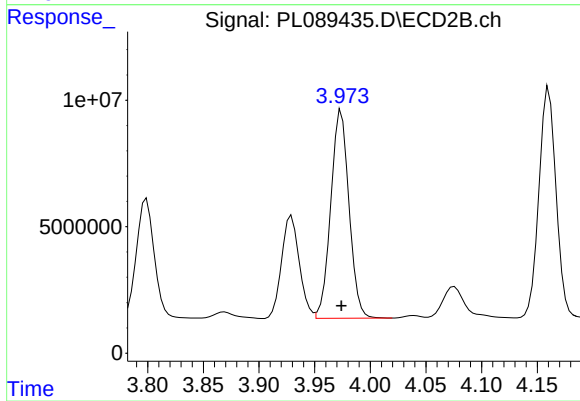
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 99304796
Conc: 53.82 ng/ml



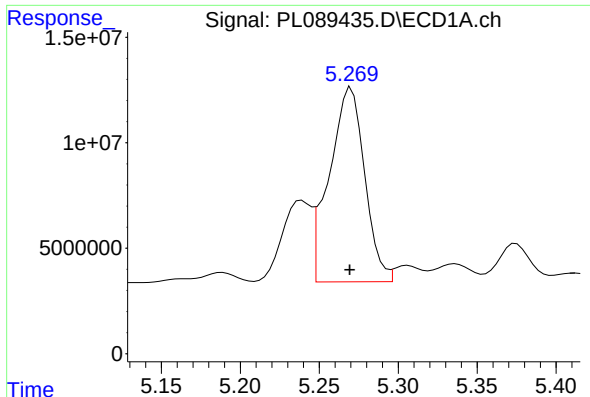
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 124742797
Conc: 50.30 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 93995220
Conc: 53.64 ng/ml



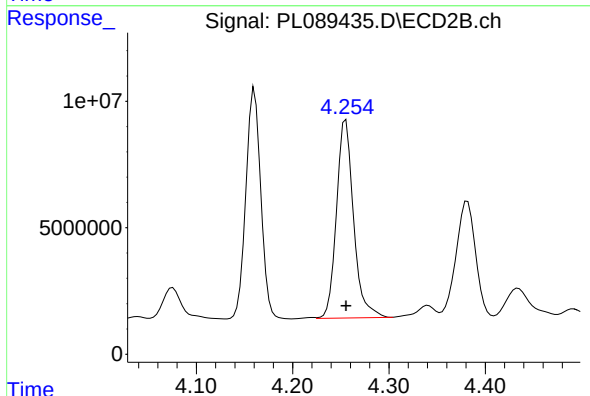
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 143750505
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

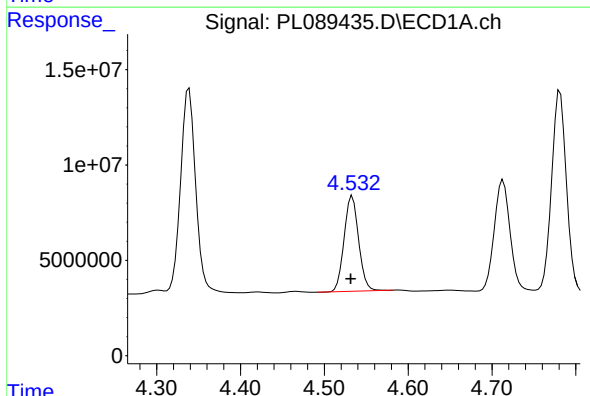
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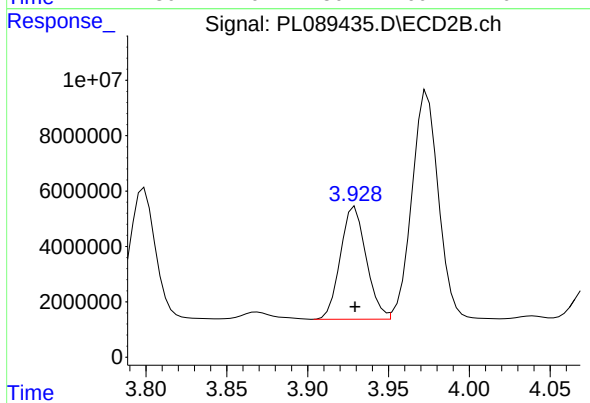
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 96600076
Conc: 54.64 ng/ml



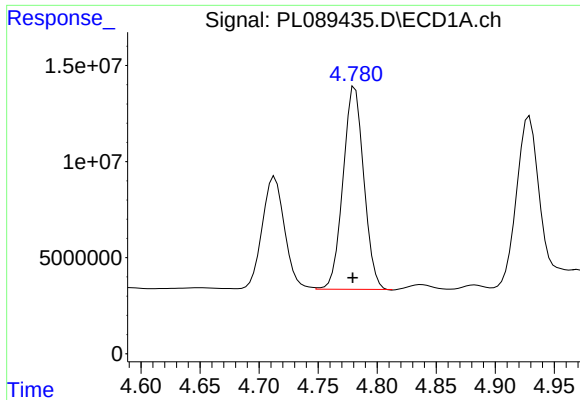
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 60314167
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 45305275
Conc: 55.49 ng/ml



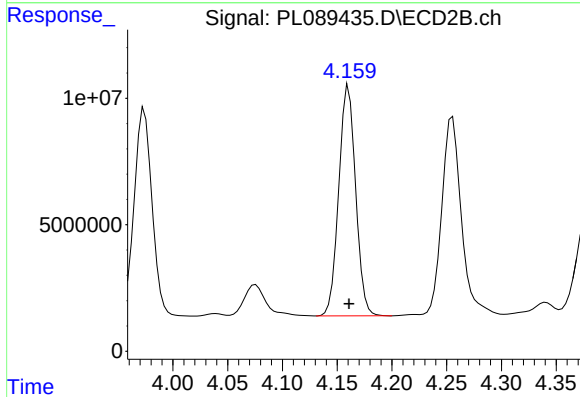
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 129023795
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

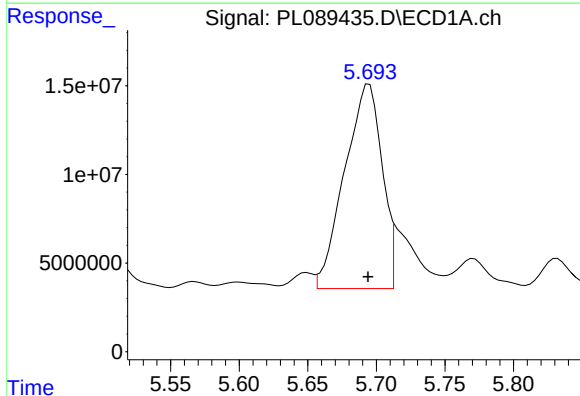
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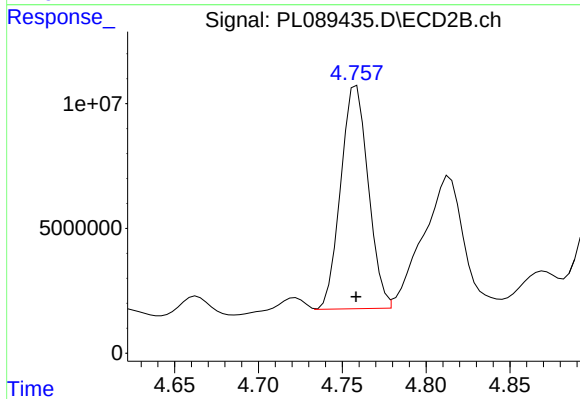
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 97633349
Conc: 54.27 ng/ml



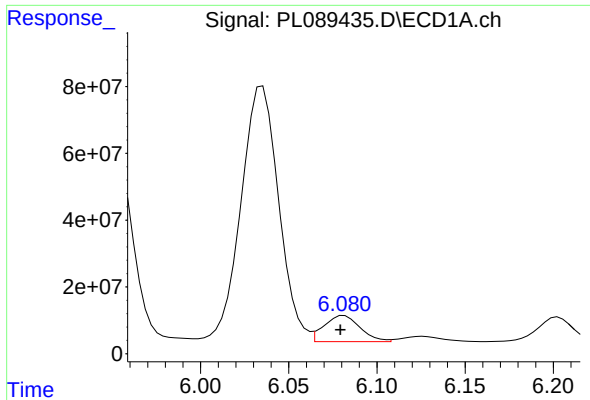
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 224419114
Conc: 95.68 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 102763939
Conc: 63.56 ng/ml m



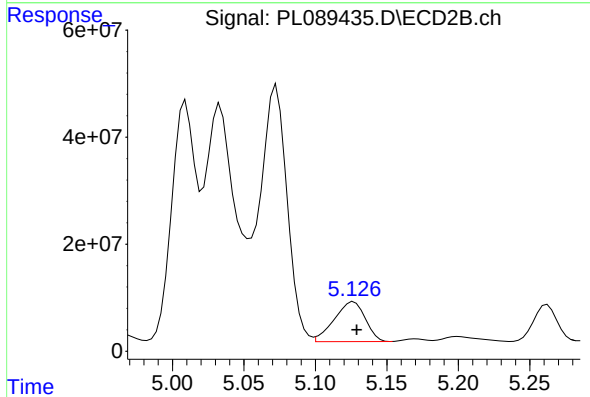
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 111481130
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

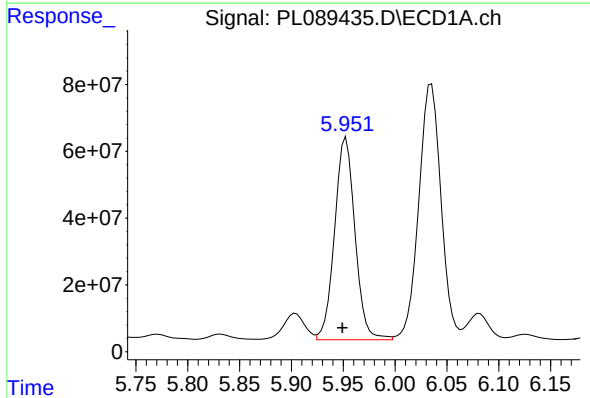
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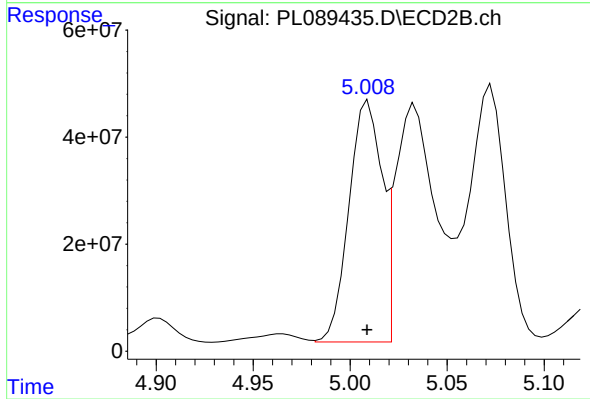
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 112532678
Conc: 75.14 ng/ml



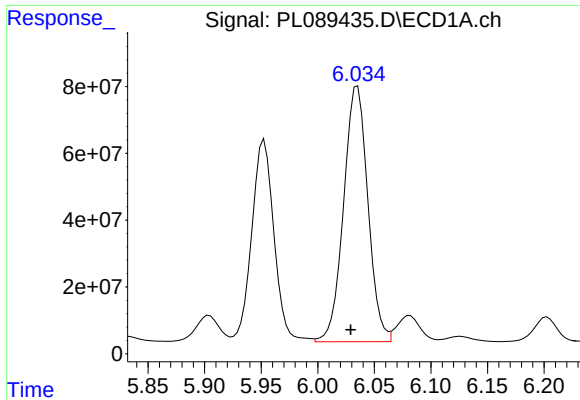
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 829091055
Conc: 362.70 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 530881397
Conc: 323.52 ng/ml



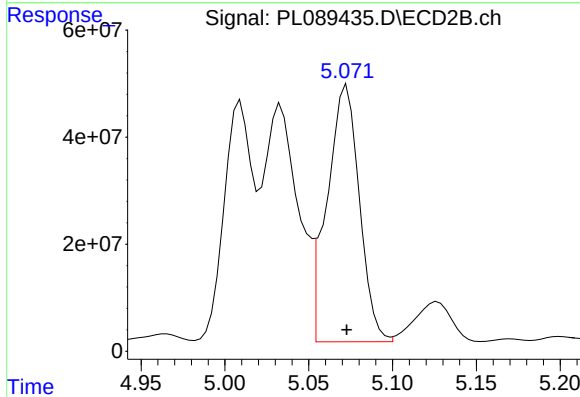
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 1143197288
Conc: 502.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

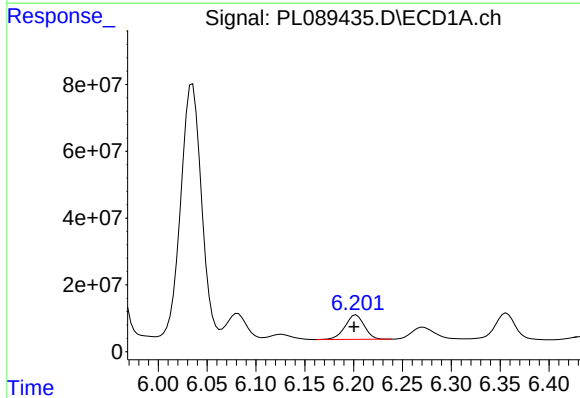
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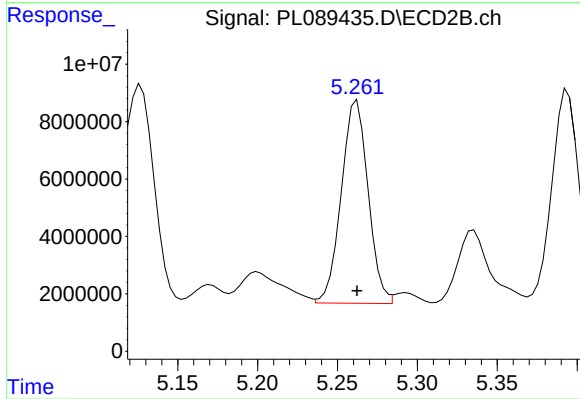
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 643604076
Conc: 390.25 ng/ml



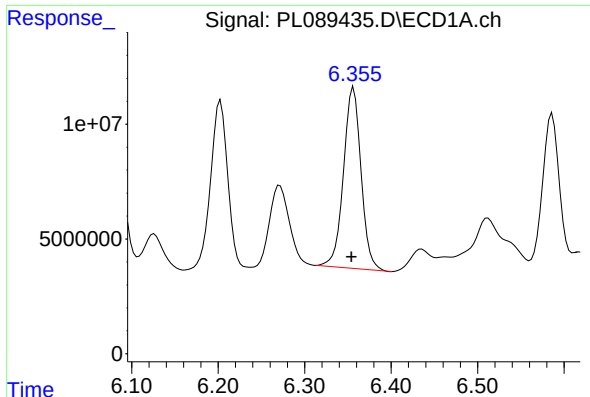
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 100118788
Conc: 49.48 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 82536640
Conc: 56.77 ng/ml m



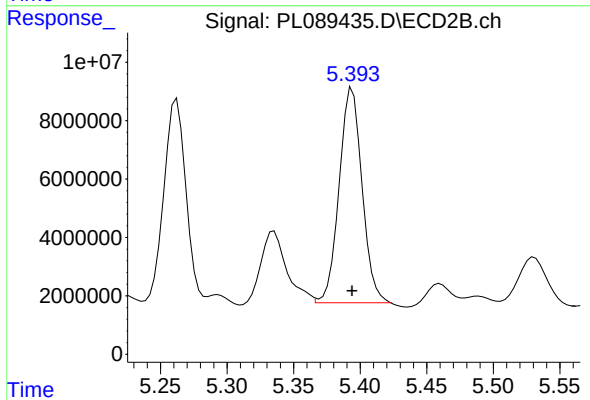
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 110876840
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

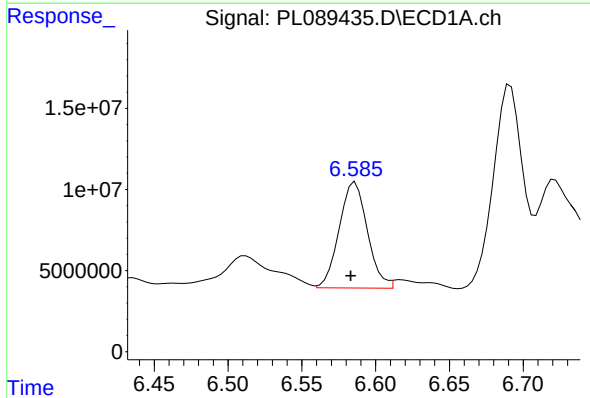
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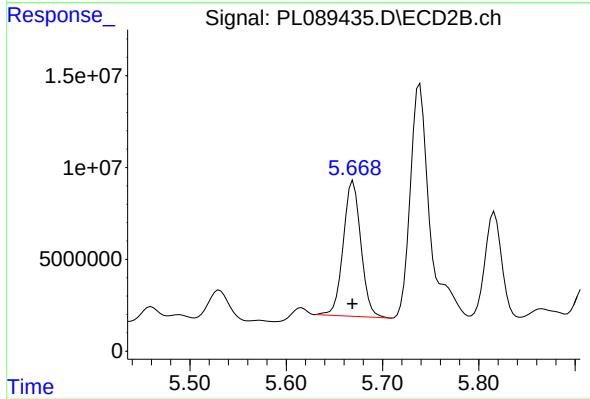
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 88190689
Conc: 54.82 ng/ml m



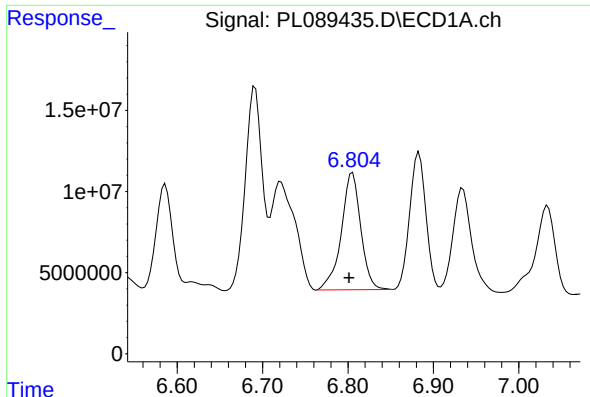
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 86857983
Conc: 45.85 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 93547396
Conc: 65.07 ng/ml



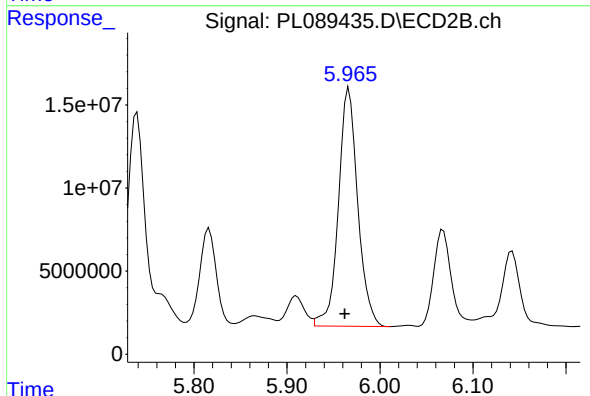
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 114238912
Conc: 57.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

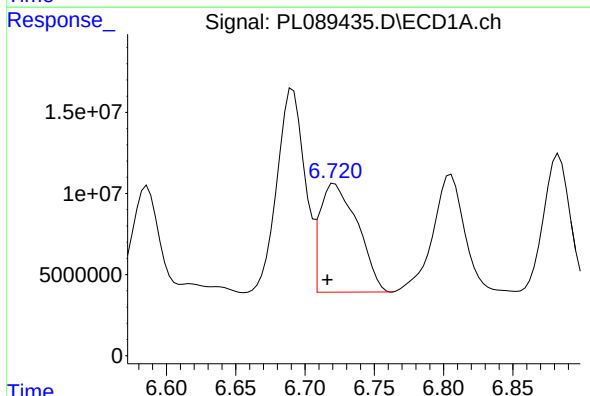
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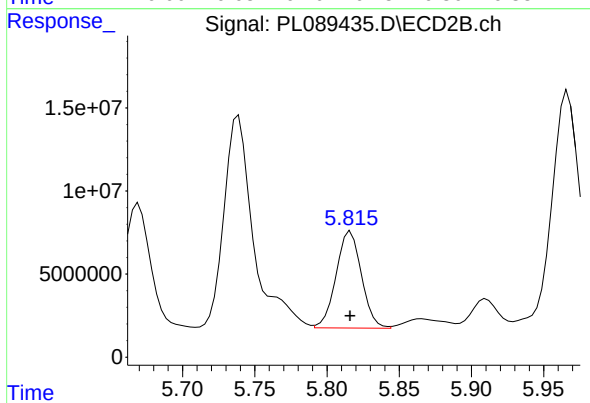
#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: 0.005 min
Response: 207088121
Conc: 143.98 ng/ml



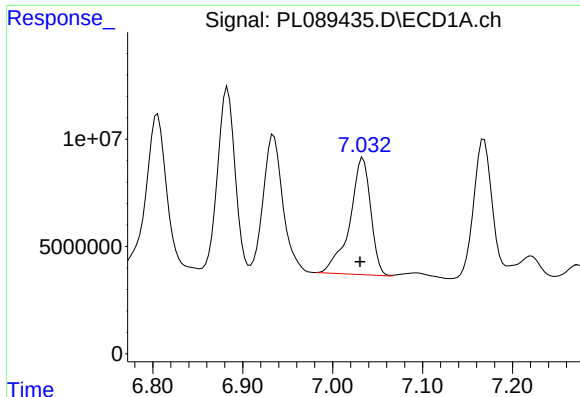
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.005 min
Response: 126407623
Conc: 74.93 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 71001152
Conc: 57.57 ng/ml



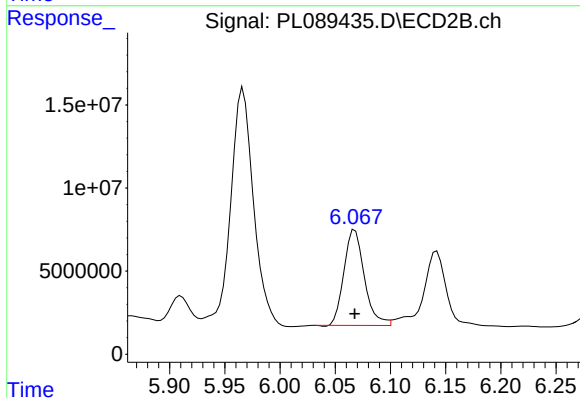
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 87862131
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
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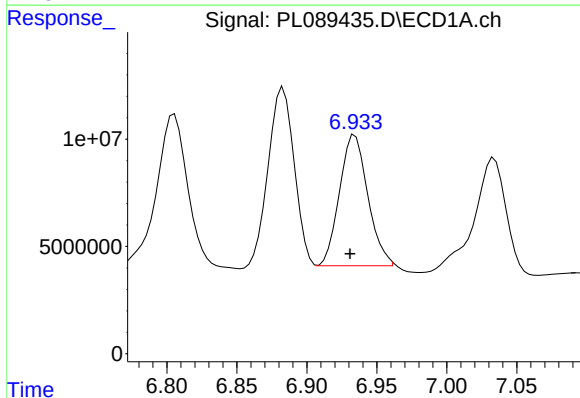
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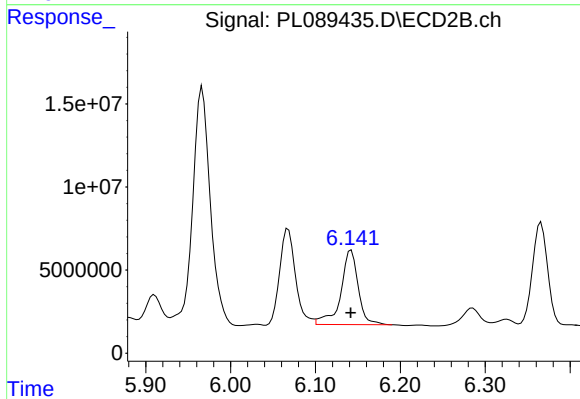
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 74021693
Conc: 54.71 ng/ml



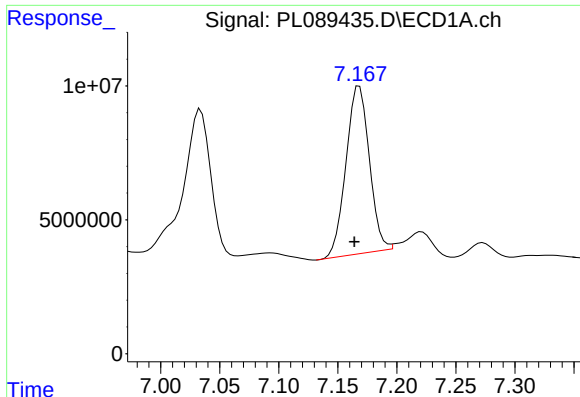
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 85769532
Conc: 56.72 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 63876580
Conc: 57.43 ng/ml



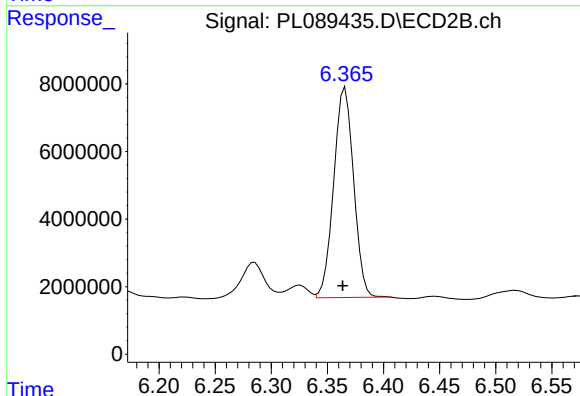
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 85920882
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

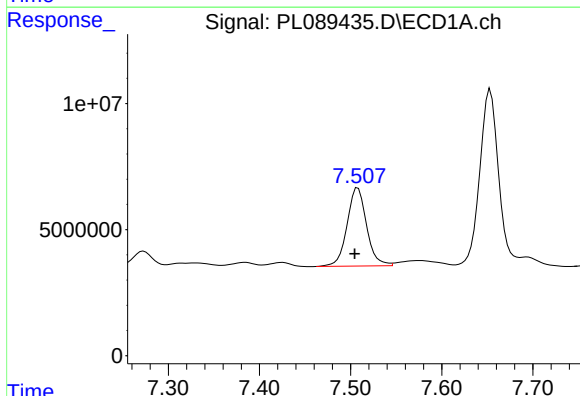
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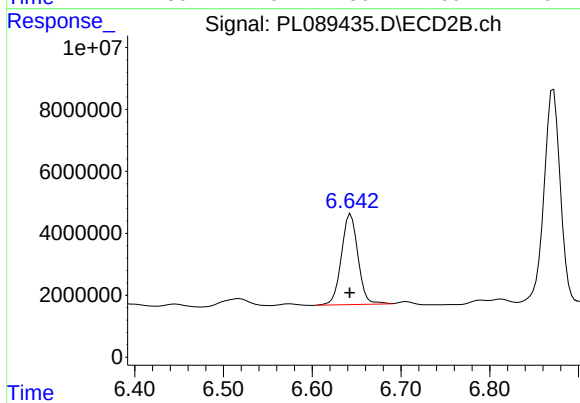
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 76778319
Conc: 55.35 ng/ml



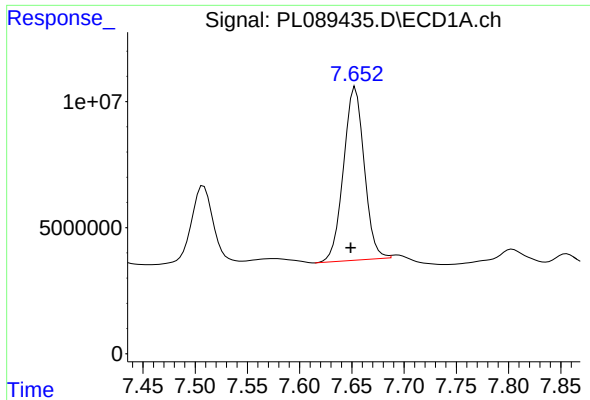
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 46086833
Conc: 46.86 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.001 min
Response: 38033401
Conc: 47.57 ng/ml



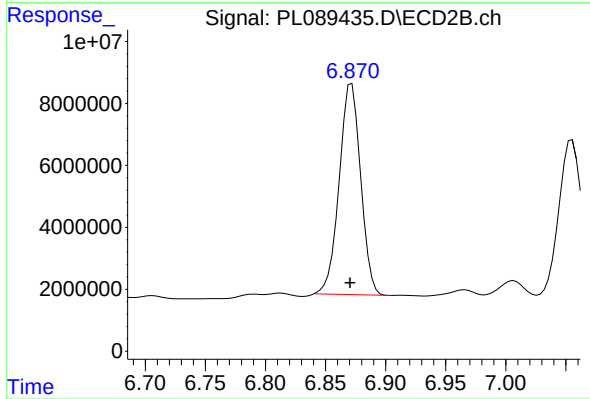
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 94459376
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

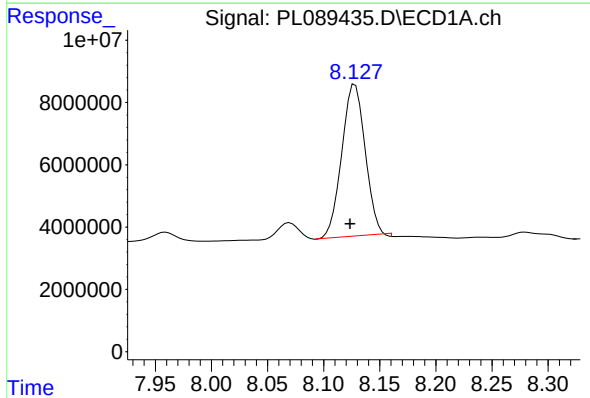
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



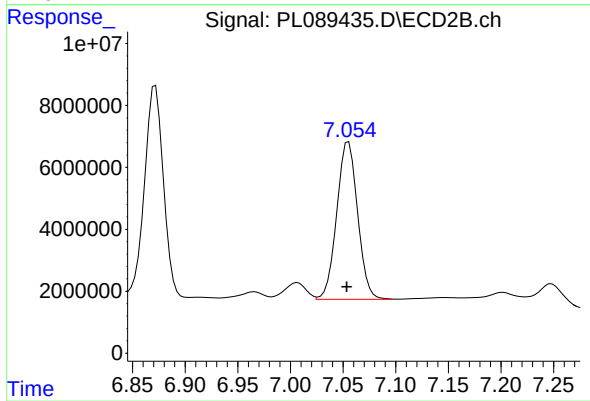
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 84755139
Conc: 53.01 ng/ml



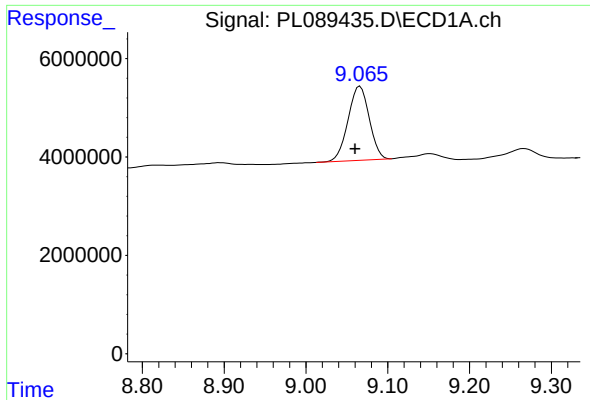
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.003 min
Response: 70283150
Conc: 45.22 ng/ml m



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 70328958
Conc: 51.55 ng/ml m



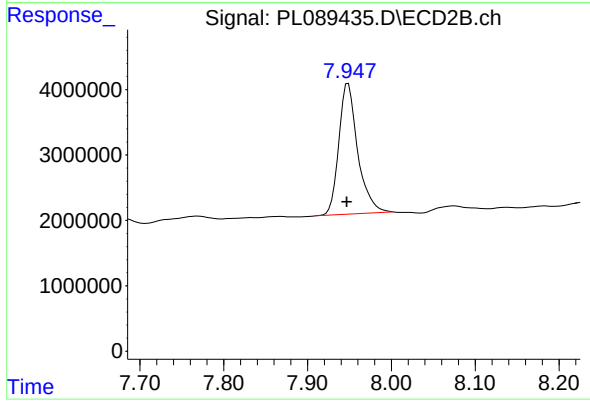
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 27025862
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 31353967
Conc: 23.31 ng/ml