

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 16:26
 Operator : AR\AJ
 Sample : PB160806BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160806BS

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 00:59:15 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...	3.551	2.797	50222122	32866473	24.941	25.616
28)	SA Decachlor...	9.068	7.949	34535865	33987915	24.686	25.266
Target Compounds							
2)	A alpha-BHC	4.007	3.302	144.4E6	107.1E6	50.635	56.753
3)	MA gamma-BHC...	4.339	3.633	137.2E6	101.6E6	49.279	55.081
4)	MA Heptachlor	4.929	3.975	117.1E6	92507784	47.204	52.792
5)	MB Aldrin	5.271	4.256	121.2E6	95390526	47.203	53.960
6)	B beta-BHC	4.532	3.930	64957855	45110921	51.490m	55.252
7)	B delta-BHC	4.782	4.161	128.9E6	98813458	48.597	54.921
8)	B Heptachlo...	5.697	4.759	112.9E6	88770504	48.126	54.906
9)	A Endosulfan I	6.082	5.129	105.7E6	83849874	49.163	55.986
10)	B gamma-Chl...	5.953	5.009	114.6E6	93032857	50.125	56.695
11)	B alpha-Chl...	6.032	5.073	112.4E6	92051706	49.395	55.816
12)	B 4,4'-DDE	6.204	5.263	100.4E6	82834872	49.633	56.971
13)	MA Dieldrin	6.357	5.394	110.7E6	90514005	49.444	56.265
14)	MA Endrin	6.586	5.670	88426647	75889144	46.679	52.786
15)	B Endosulfa...	6.805	5.963	97456513	80112339	48.831	55.698
16)	A 4,4'-DDD	6.720	5.817	88321169	75071079	52.354	60.873
17)	MA 4,4'-DDT	7.034	6.069	80539120	64612957	43.796	47.756
18)	B Endrin al...	6.934	6.143	72633024	58888657	48.029	52.942
19)	B Endosulfa...	7.169	6.366	89269105	77252191	49.351	55.690
20)	A Methoxychlor	7.508	6.644	41634599	36291930	42.337	45.388
21)	B Endrin ke...	7.654	6.872	101.6E6	92142417	50.746	57.625
22)	Mirex	8.128	7.056	76386232	72664038	49.151	53.264

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

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Data File : PL089428.D
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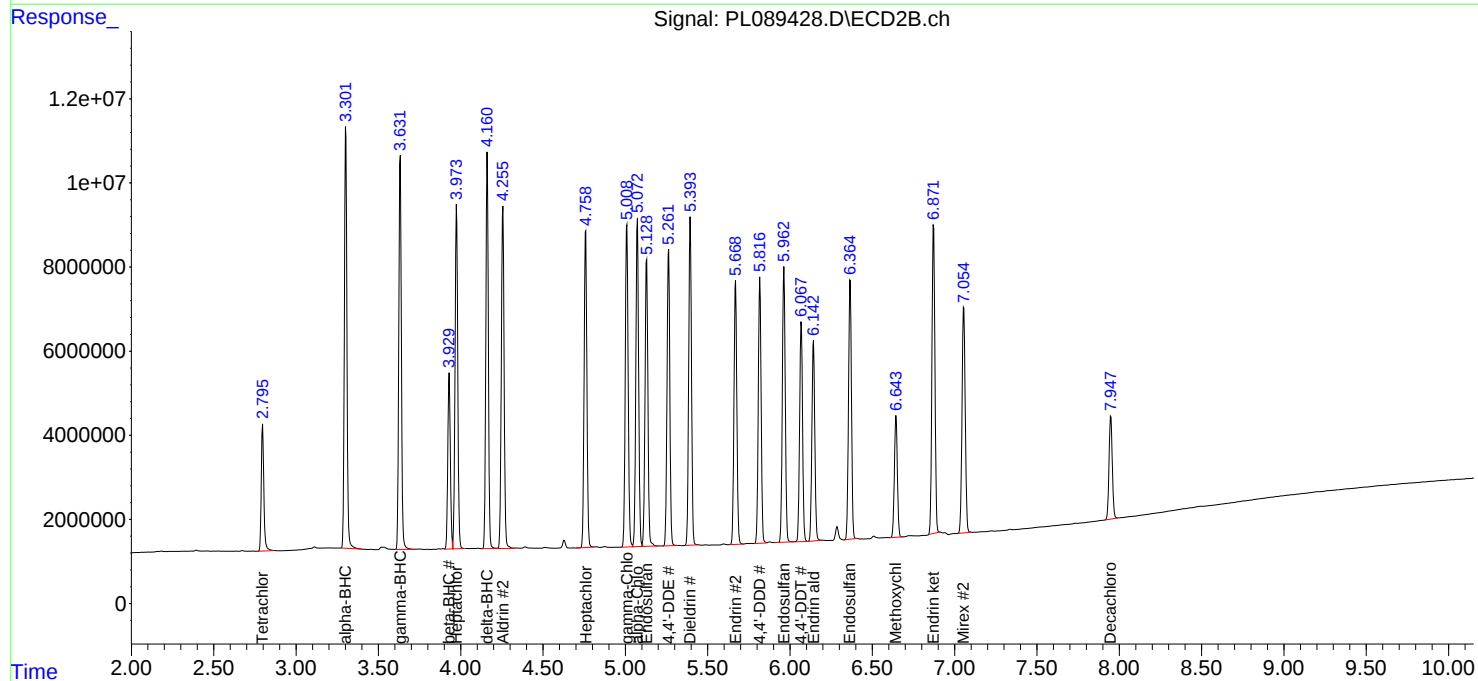
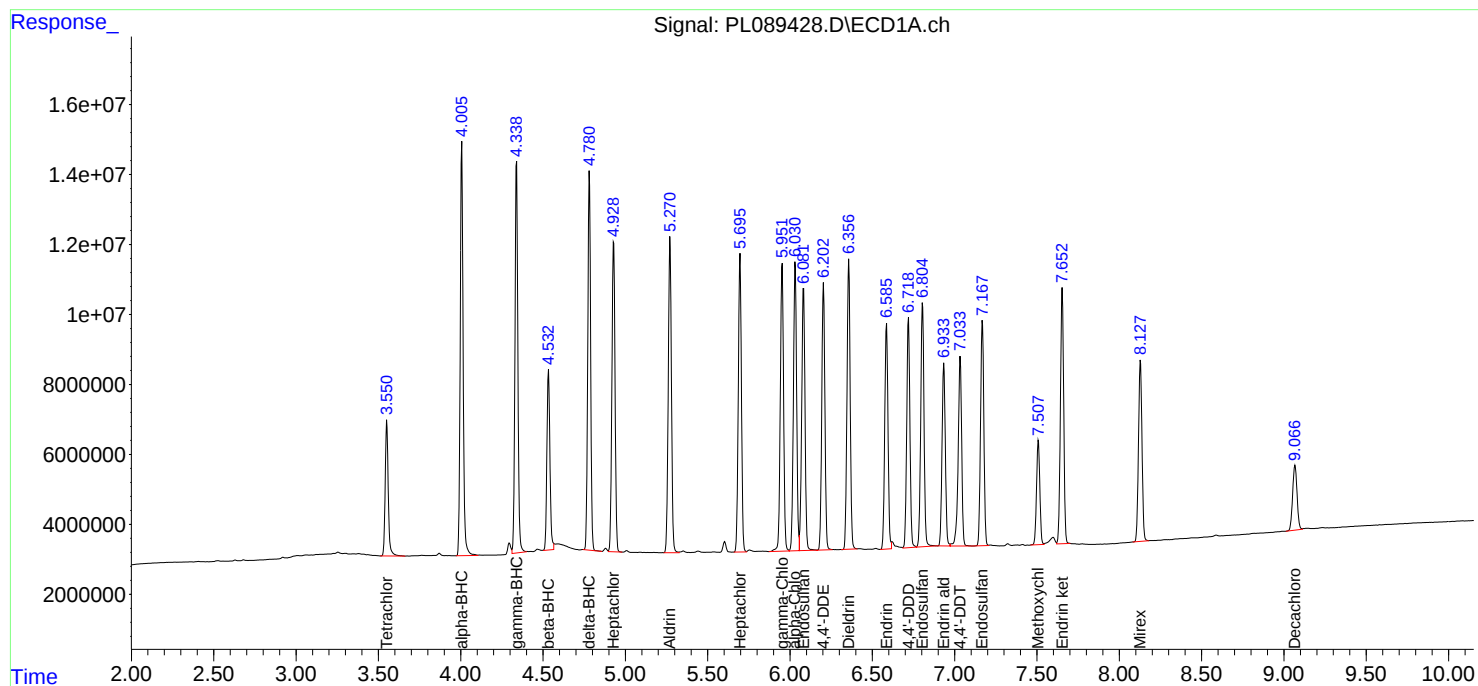
Manual Integrations

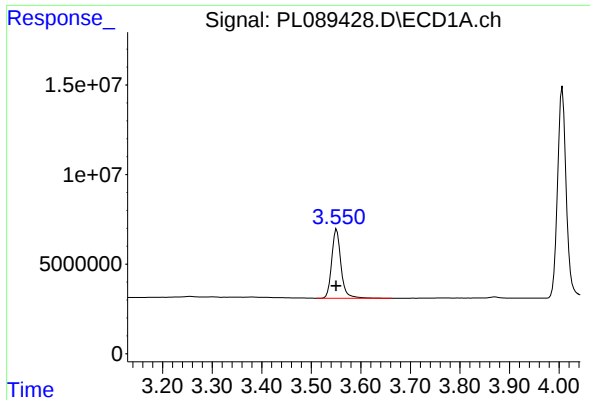
APPROVED

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:59:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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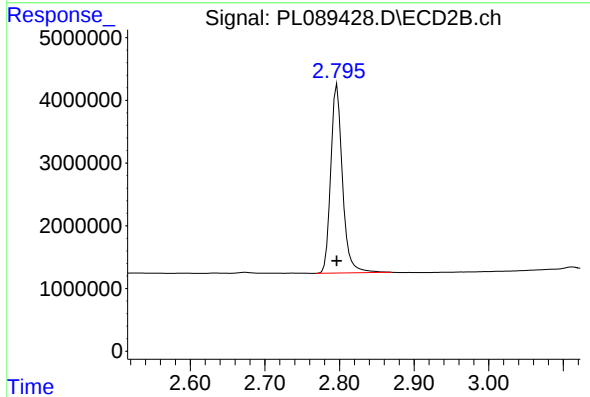
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 50222122
Conc: 24.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

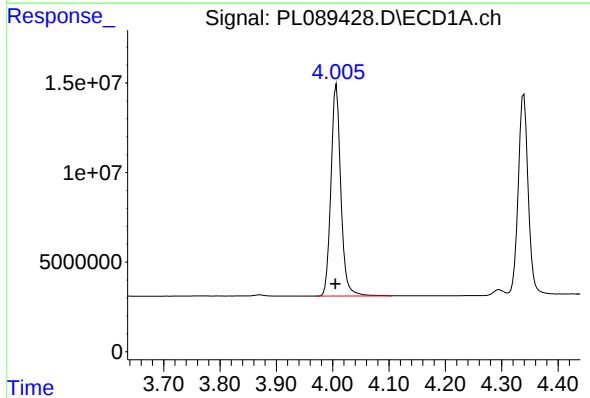
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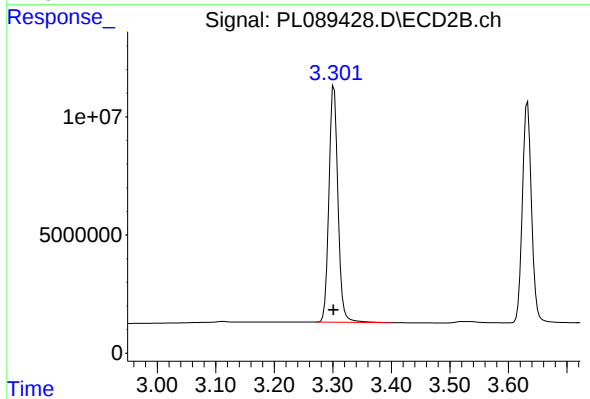
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 32866473
Conc: 25.62 ng/ml



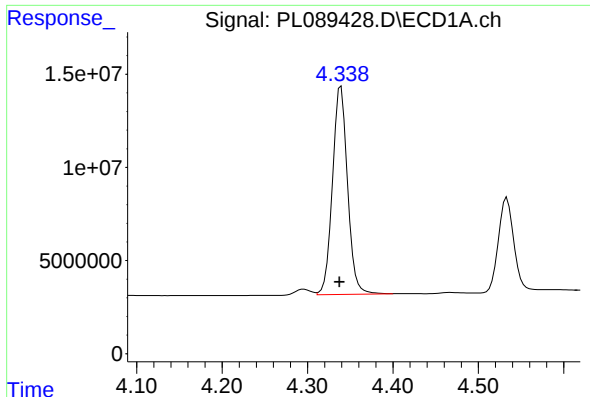
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 144401030
Conc: 50.64 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 107086978
Conc: 56.75 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 137189655
Conc: 49.28 ng/ml

Instrument :

ECD_L

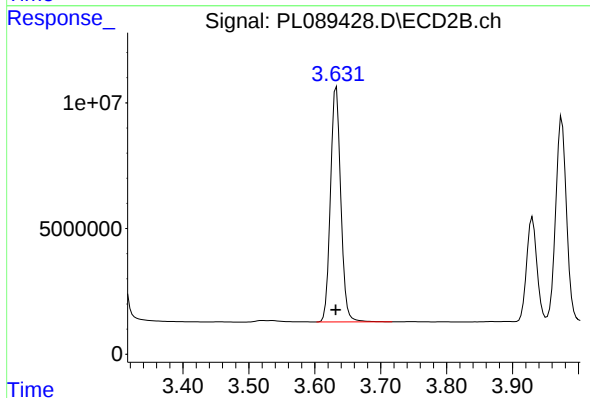
ClientSampleId :

PB160806BS

Manual Integrations

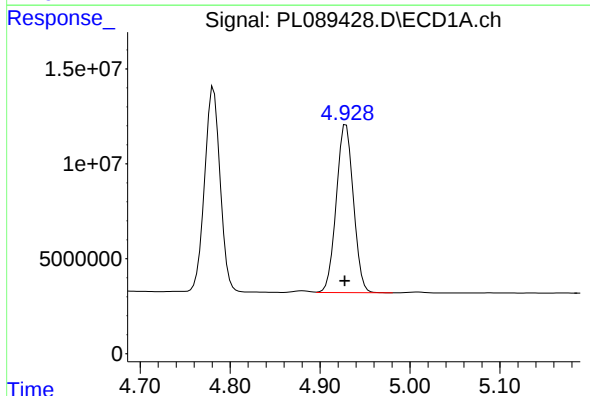
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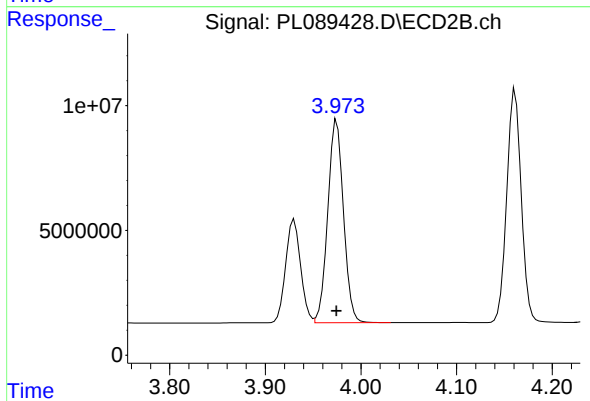
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 101638783
Conc: 55.08 ng/ml



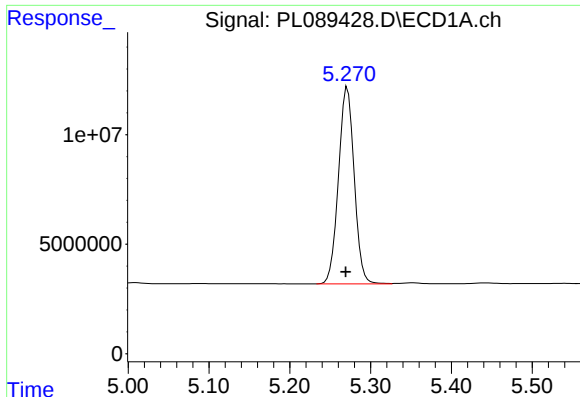
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 117071101
Conc: 47.20 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 92507784
Conc: 52.79 ng/ml



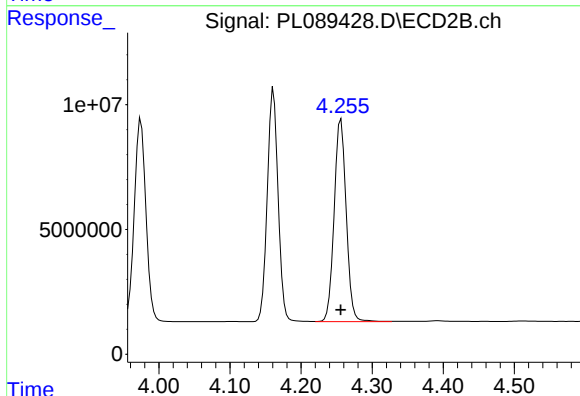
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.002 min
Response: 121228618
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

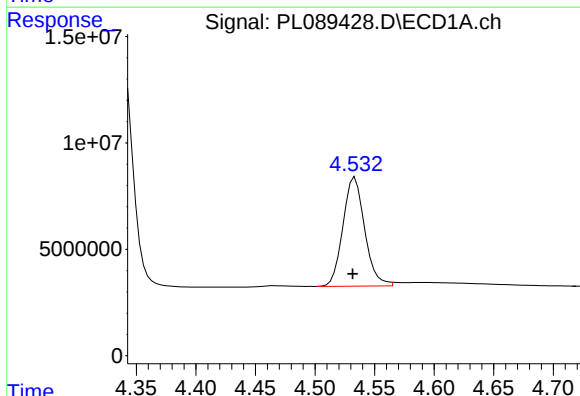
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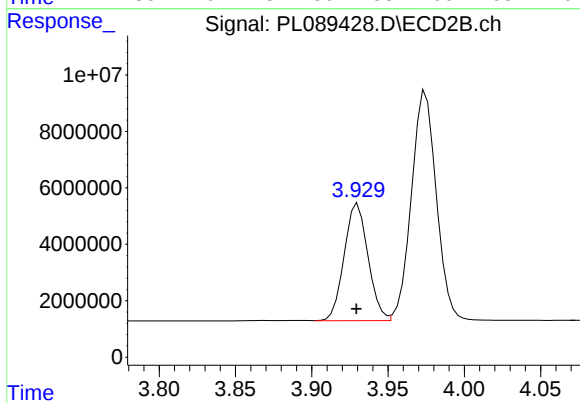
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 95390526
Conc: 53.96 ng/ml



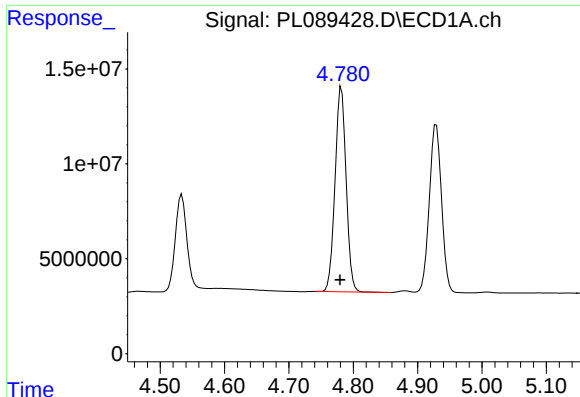
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 64957855
Conc: 51.49 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 45110921
Conc: 55.25 ng/ml



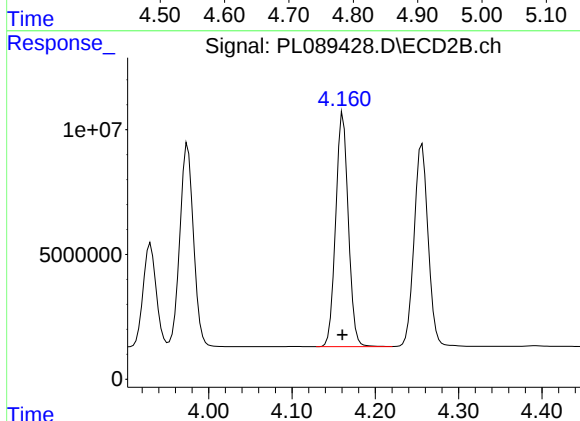
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 128881835
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

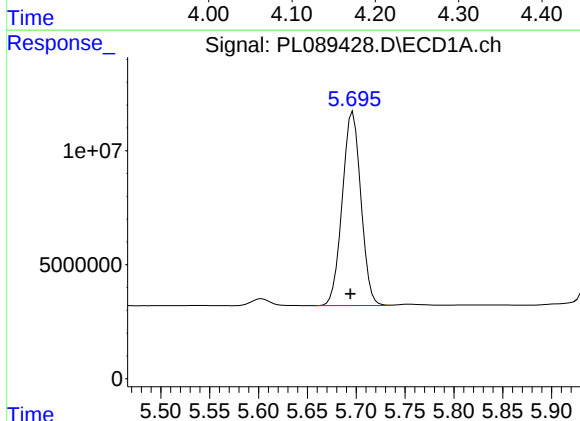
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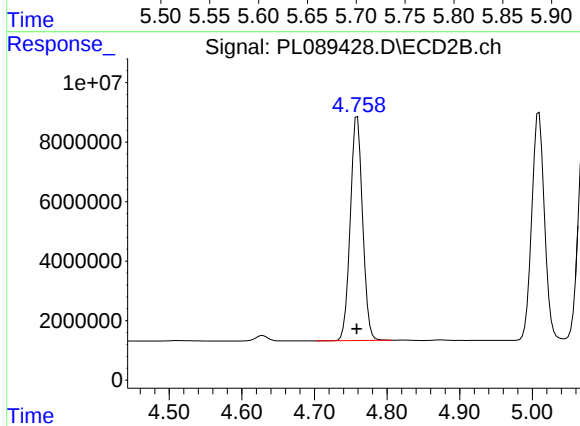
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 98813458
Conc: 54.92 ng/ml



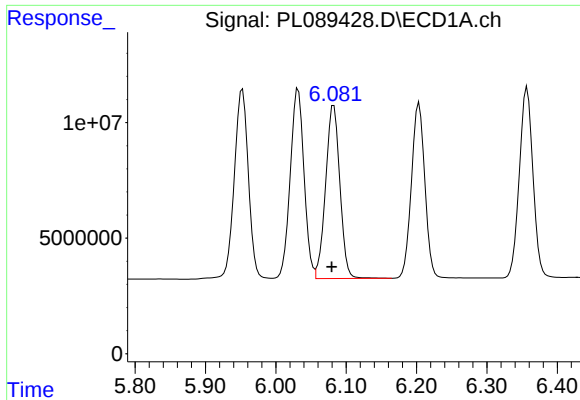
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 112878594
Conc: 48.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 88770504
Conc: 54.91 ng/ml



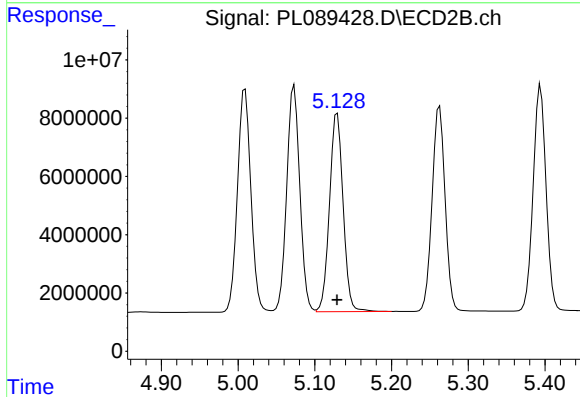
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 105689840
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

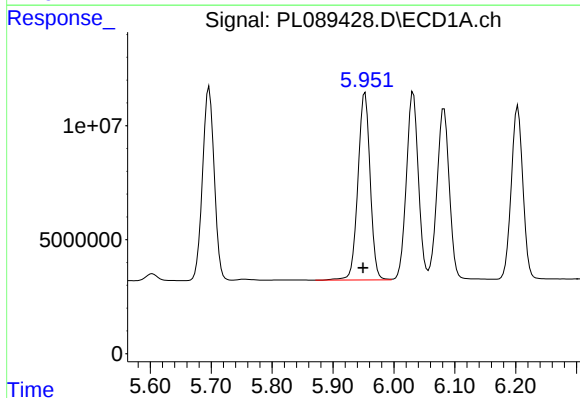
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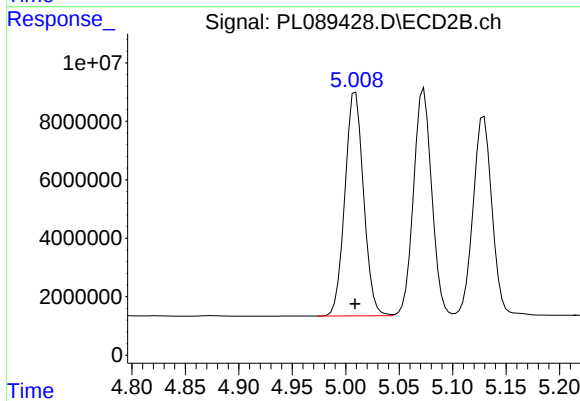
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 83849874
Conc: 55.99 ng/ml



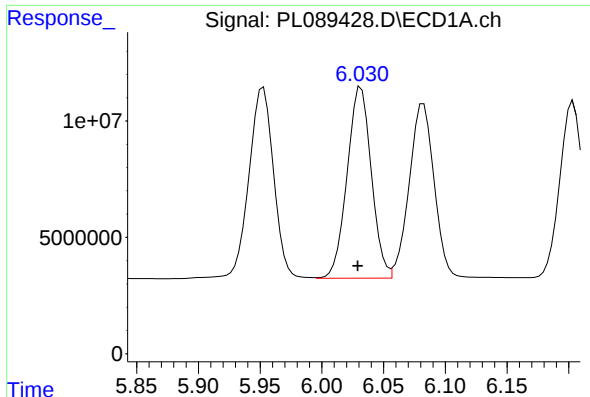
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 114581483
Conc: 50.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 93032857
Conc: 56.69 ng/ml



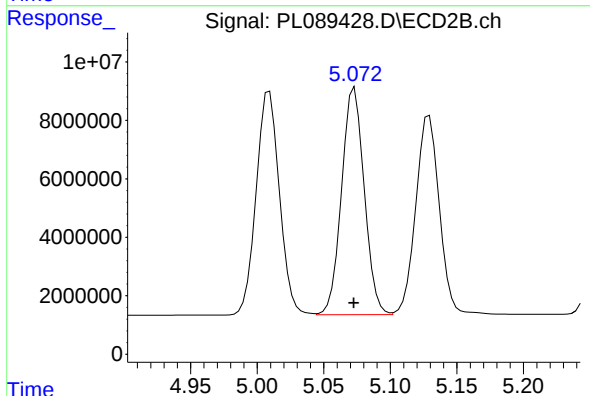
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 112359573
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

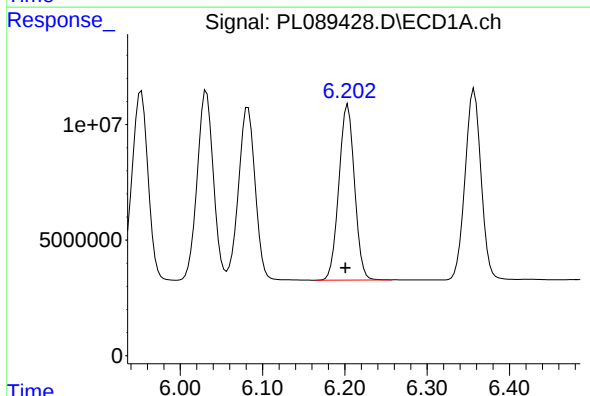
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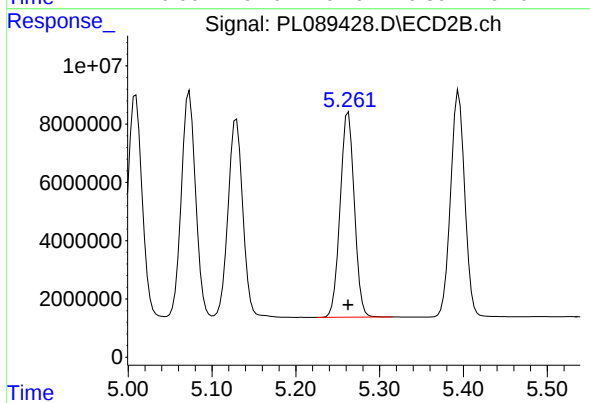
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 92051706
Conc: 55.82 ng/ml



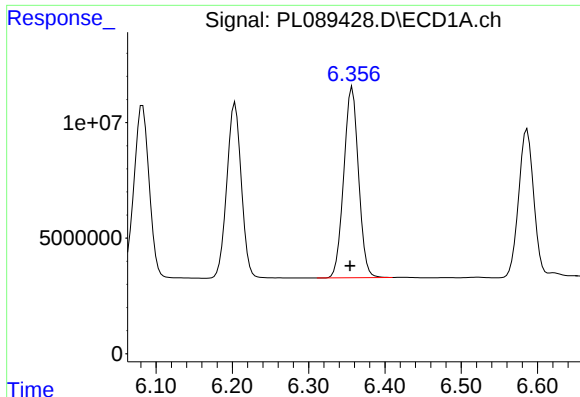
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 100426143
Conc: 49.63 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 82834872
Conc: 56.97 ng/ml



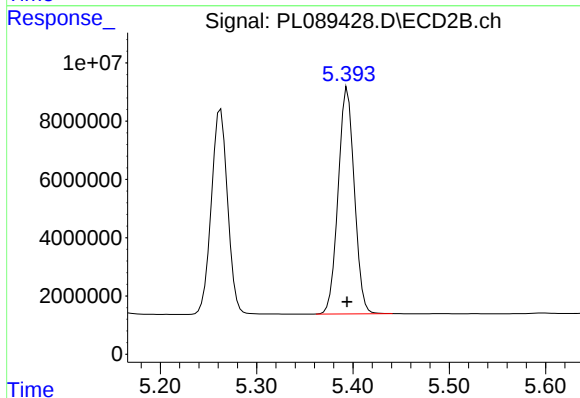
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 110678758
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

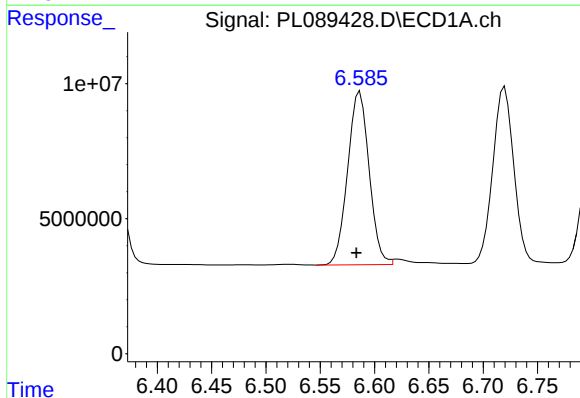
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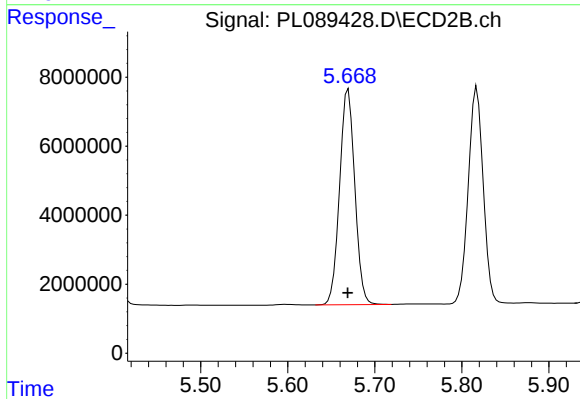
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 90514005
Conc: 56.26 ng/ml



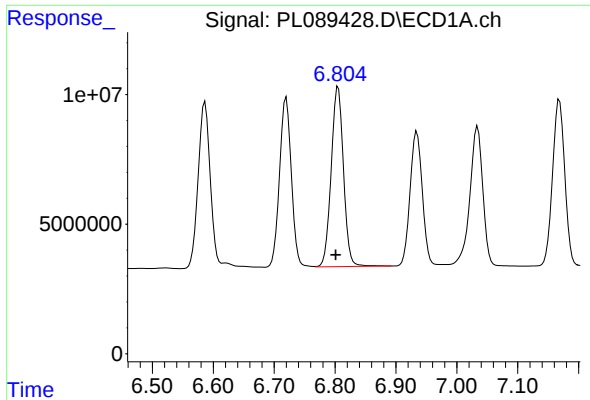
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 88426647
Conc: 46.68 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 75889144
Conc: 52.79 ng/ml



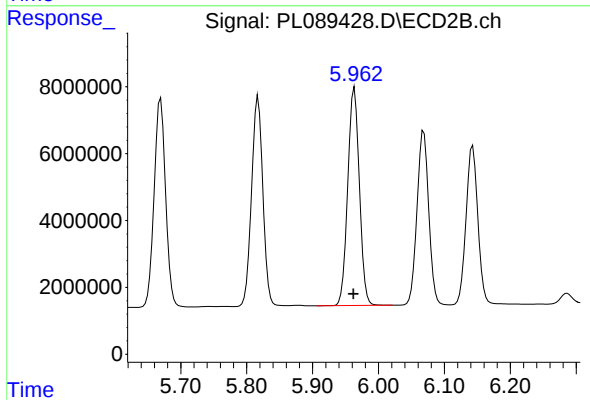
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 97456513
Conc: 48.83 ng/ml

Instrument :
ECD_L
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PB160806BS

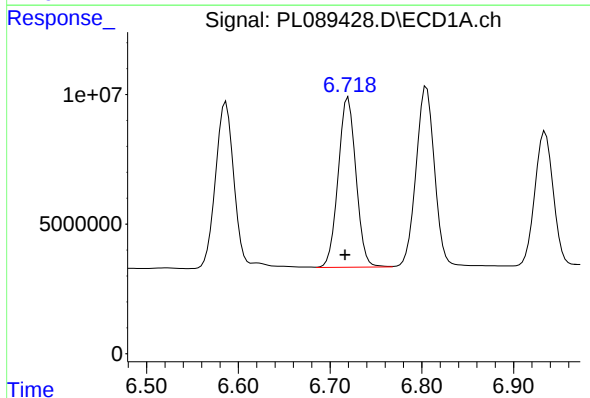
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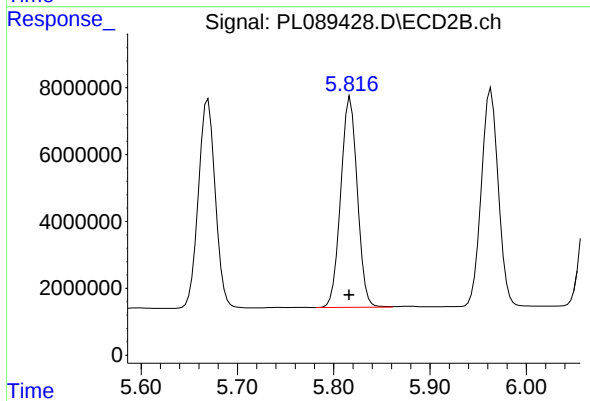
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.001 min
Response: 80112339
Conc: 55.70 ng/ml



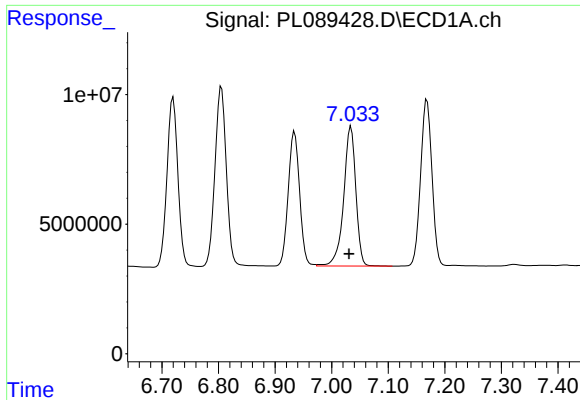
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 88321169
Conc: 52.35 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 75071079
Conc: 60.87 ng/ml



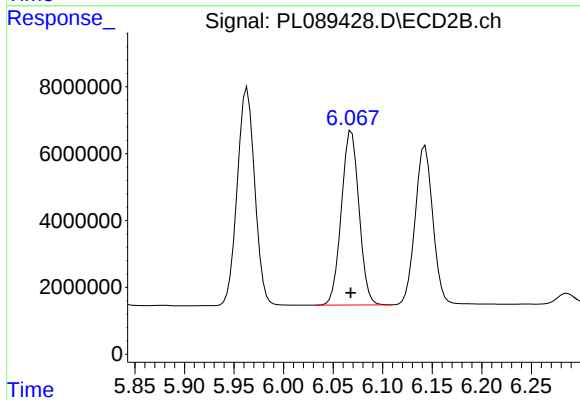
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.004 min
Response: 80539120
Conc: 43.80 ng/ml

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ECD_L
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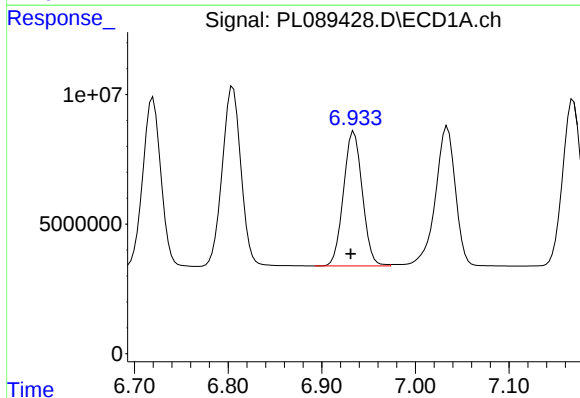
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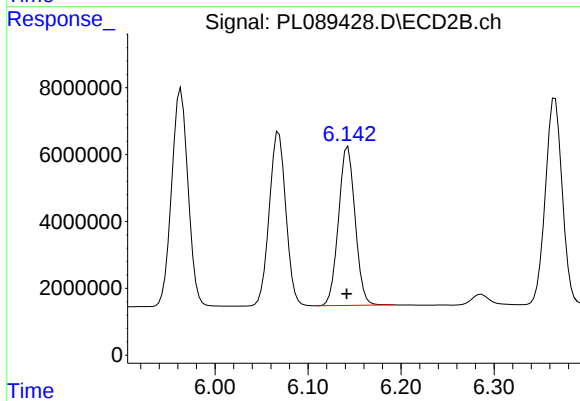
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 64612957
Conc: 47.76 ng/ml



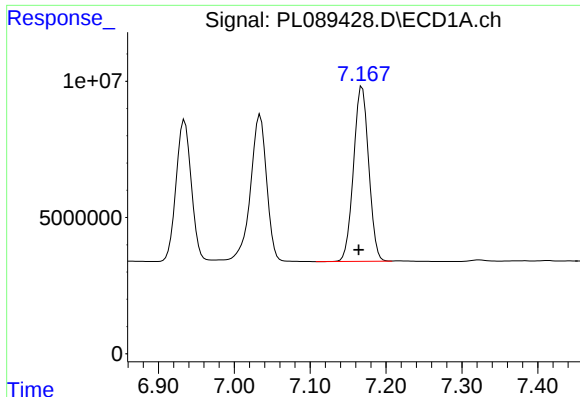
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.004 min
Response: 72633024
Conc: 48.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 58888657
Conc: 52.94 ng/ml



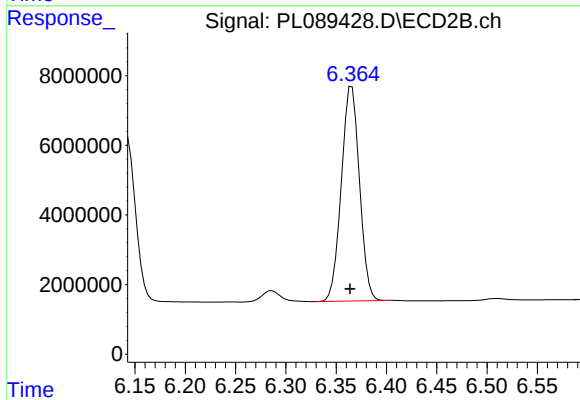
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 89269105
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

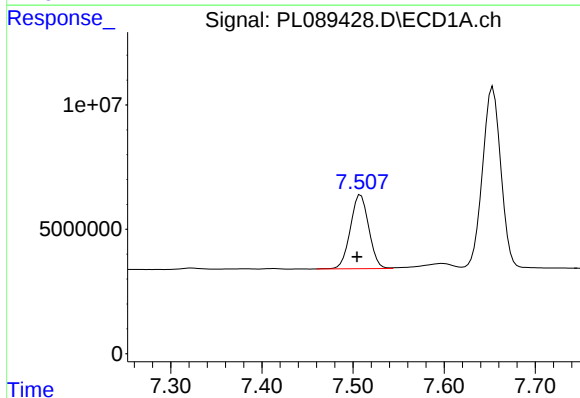
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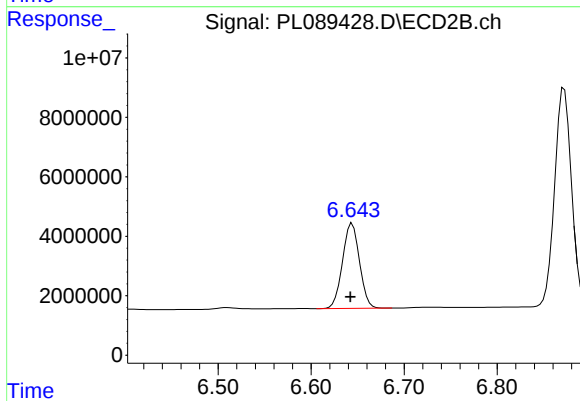
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 77252191
Conc: 55.69 ng/ml



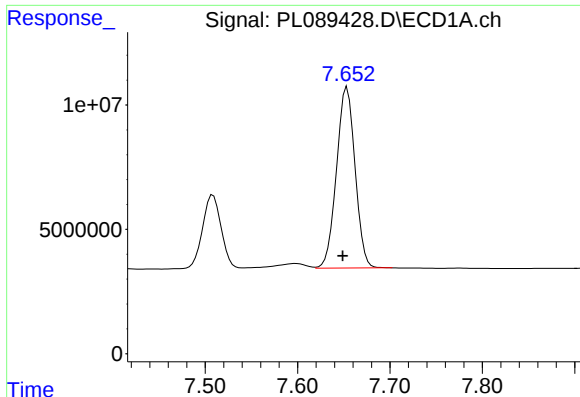
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 41634599
Conc: 42.34 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 36291930
Conc: 45.39 ng/ml



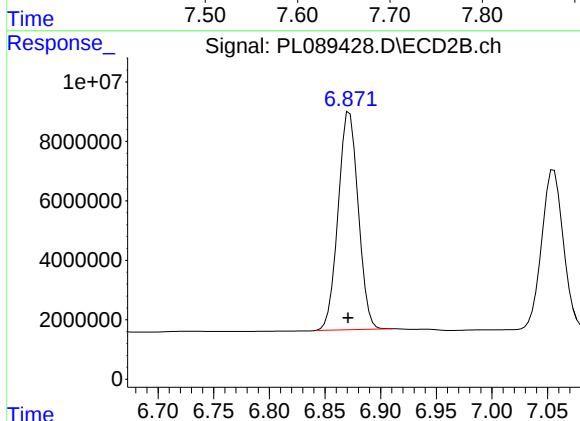
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 101574242
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

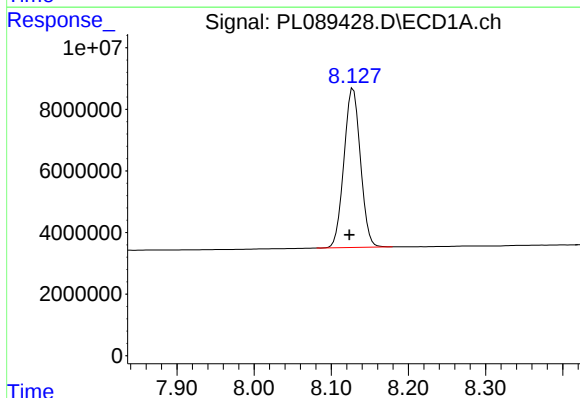
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APPROVED

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



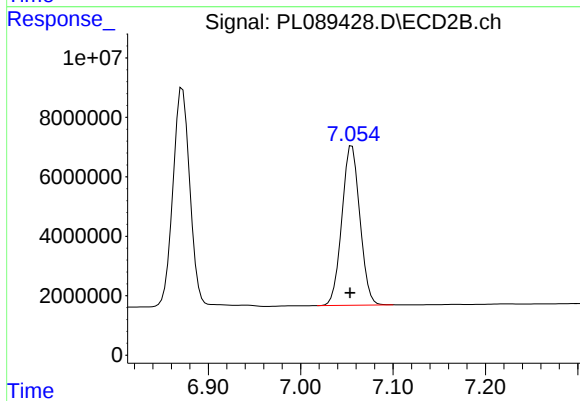
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.002 min
Response: 92142417
Conc: 57.63 ng/ml



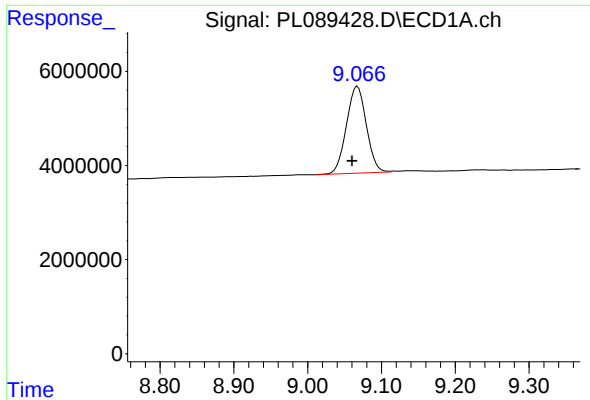
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.005 min
Response: 76386232
Conc: 49.15 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 72664038
Conc: 53.26 ng/ml



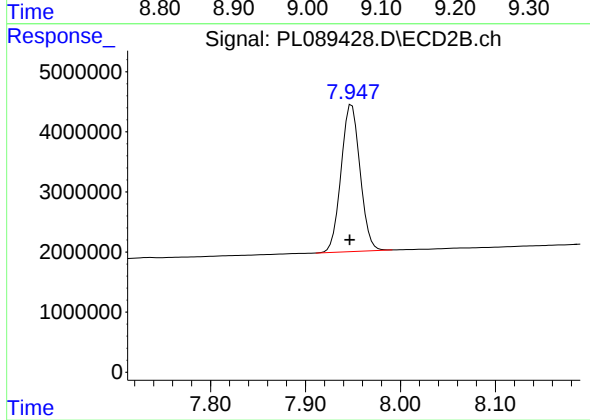
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.007 min
Response: 34535865
Conc: 24.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160806BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 33987915
Conc: 25.27 ng/ml