

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051424\
 Data File : PL089521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 16:41
 Operator : AR\AJ
 Sample : PB160902BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160902BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 00:44:30 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...	3.553	2.800	48722722	32473469	24.196	25.310
28)	SA Decachlor...	9.065	7.946	30856506	31760243	22.056	23.610
Target Compounds							
2)	A alpha-BHC	4.008	3.304	142.3E6	108.1E6	49.910	57.275
3)	MA gamma-BHC...	4.339	3.633	134.7E6	103.1E6	48.385	55.850
4)	MA Heptachlor	4.929	3.975	119.3E6	99110019	48.084	56.560
5)	MB Aldrin	5.271	4.256	118.6E6	97335728	46.196	55.060
6)	B beta-BHC	4.534	3.930	61653402	45442480	48.871	55.658
7)	B delta-BHC	4.782	4.161	125.0E6	98792115	47.147	54.909
8)	B Heptachlo...	5.696	4.758	109.8E6	89110953	46.832	55.117
9)	A Endosulfan I	6.082	5.128	102.8E6	83984720	47.799	56.076
10)	B gamma-Chl...	5.952	5.008	109.9E6	93217690	48.097	56.808
11)	B alpha-Chl...	6.031	5.072	108.9E6	92845269	47.874	56.297
12)	B 4,4'-DDE	6.203	5.261	97085735	83156389	47.982	57.192
13)	MA Dieldrin	6.356	5.393	106.9E6	90553783	47.770	56.290
14)	MA Endrin	6.584	5.669	89102920	80545227	47.036m	56.025
15)	B Endosulfa...	6.804	5.962	94168091	78926885	47.183	54.874
16)	A 4,4'-DDD	6.719	5.816	81332429	70480508	48.211	57.151
17)	MA 4,4'-DDT	7.033	6.067	78981147	70968664	42.948	52.453
18)	B Endrin al...	6.934	6.141	70875101	60128166	46.866	54.057
19)	B Endosulfa...	7.168	6.364	83037223	75395241	45.906	54.352
20)	A Methoxychlor	7.507	6.642	40061767	39554054	40.738	49.468
21)	B Endrin ke...	7.652	6.870	91707702	86797680	45.816	54.283
22)	Mirex	8.127	7.053	70609962	70486668	45.435	51.668

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051424\
Data File : PL089521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 16:41
Operator : AR\AJ
Sample : PB160902BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB160902BS

Manual Integrations

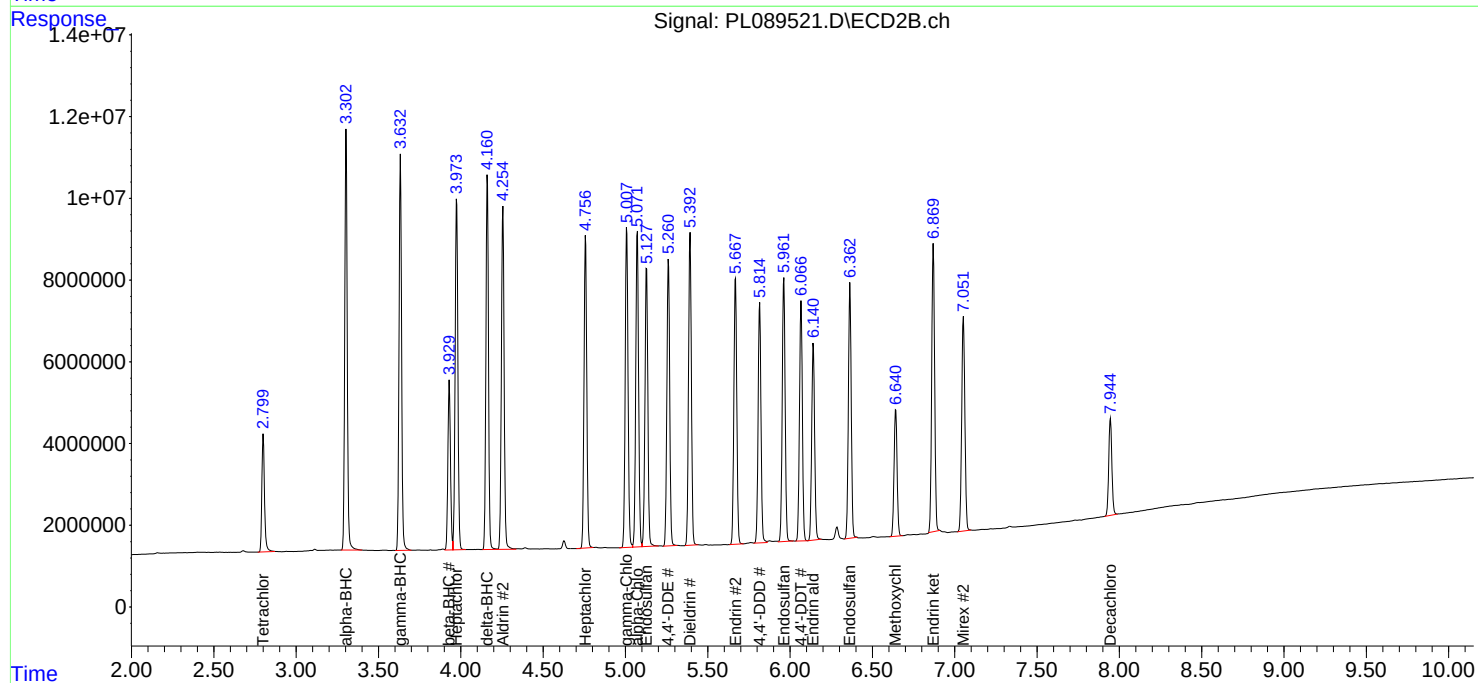
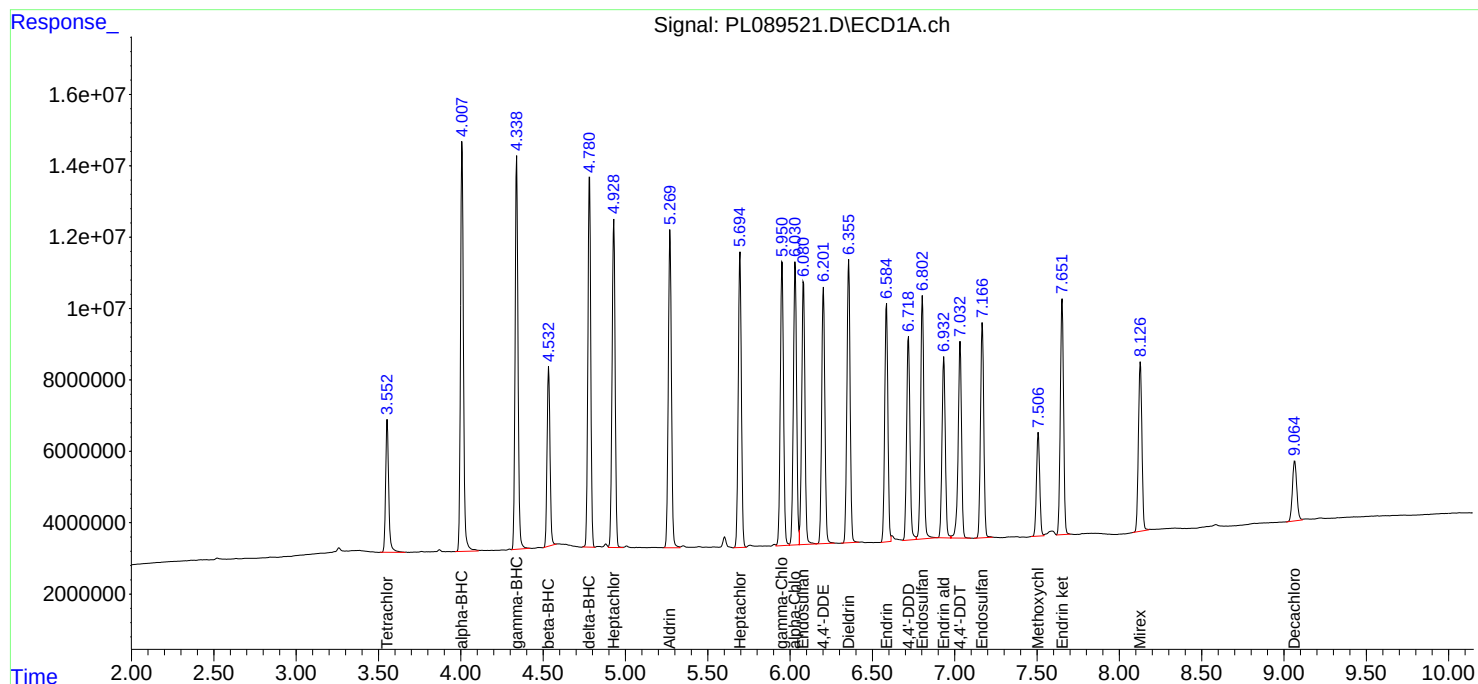
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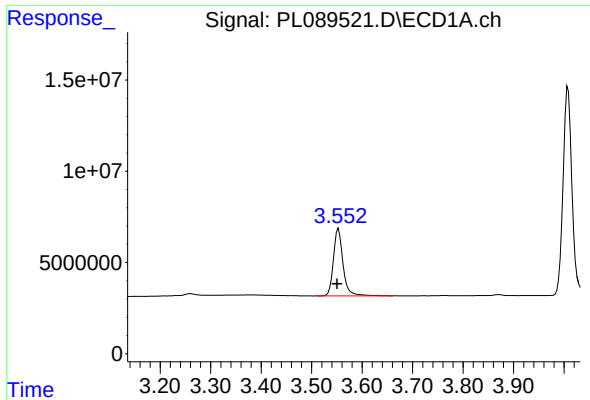
Reviewed By :Abdul Mirza 05/15/2024

Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 00:44:30 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.: 3.553 min
Delta R.T.: 0.003 min
Response: 48722722
Conc: 24.20 ng/ml

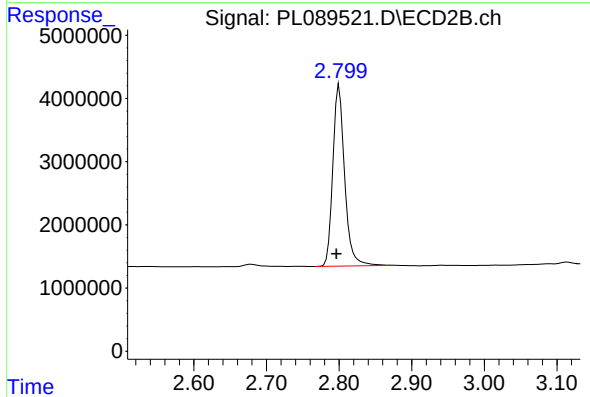
Instrument :

ECD_L

ClientSampleId :
PB160902BS

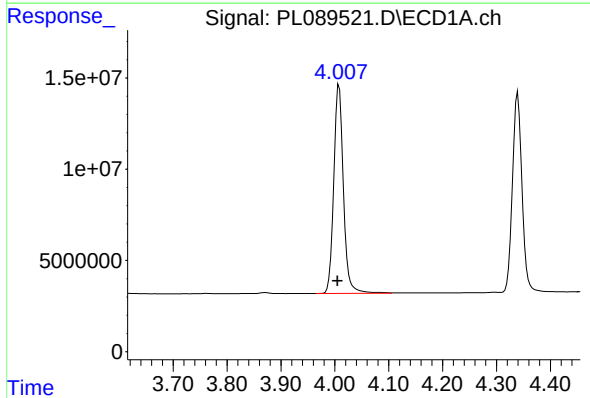
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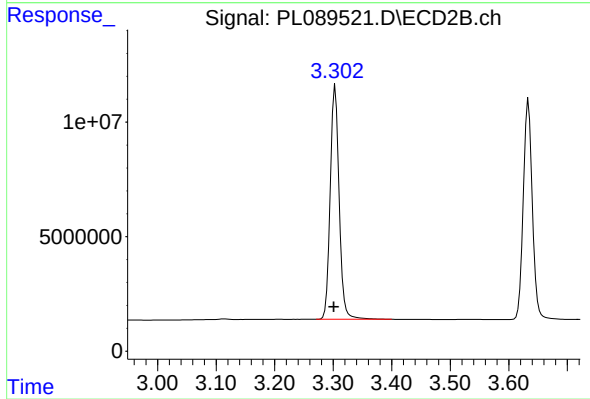
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.004 min
Response: 32473469
Conc: 25.31 ng/ml



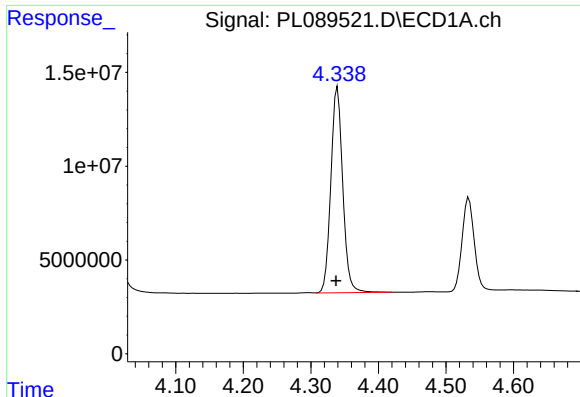
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.003 min
Response: 142333080
Conc: 49.91 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: 0.002 min
Response: 108071582
Conc: 57.28 ng/ml



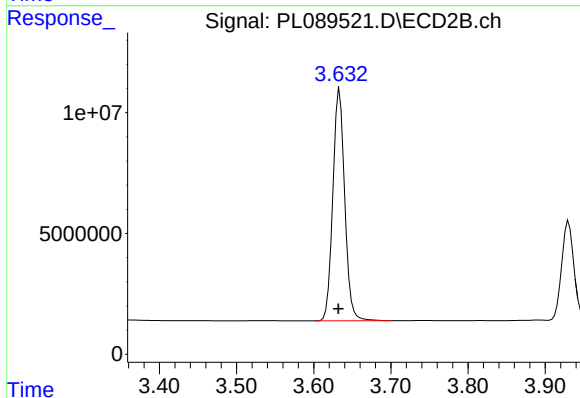
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 134701791
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

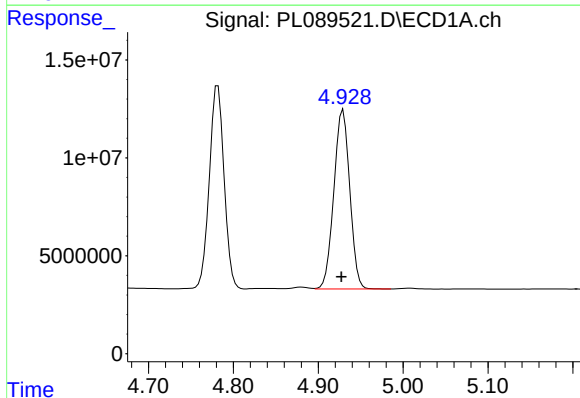
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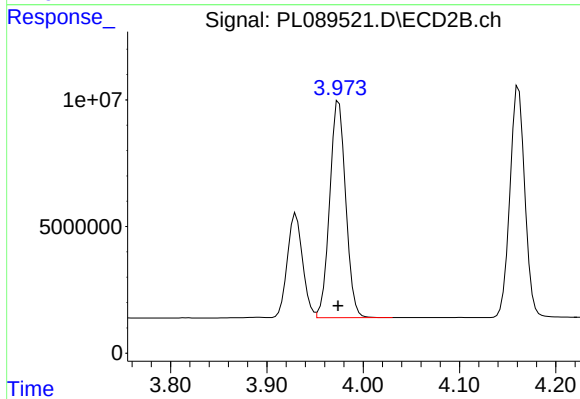
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.002 min
Response: 103057146
Conc: 55.85 ng/ml



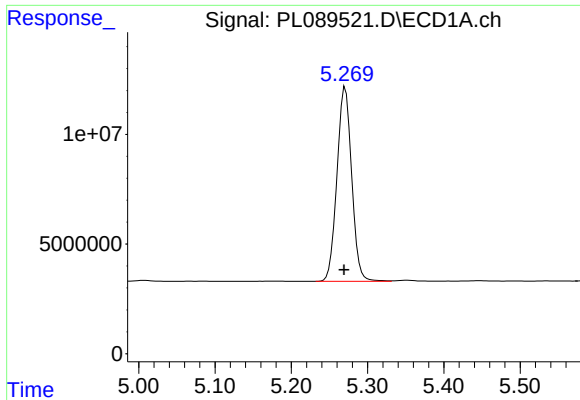
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 119252840
Conc: 48.08 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 99110019
Conc: 56.56 ng/ml



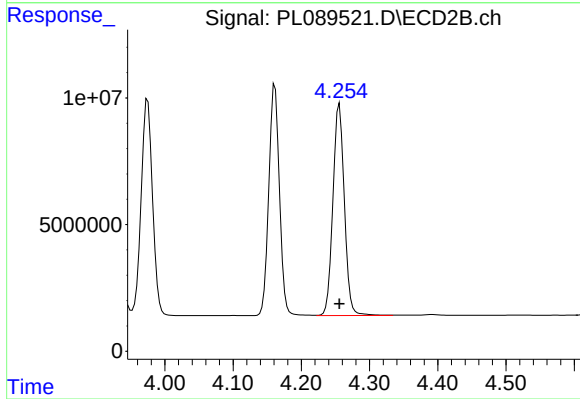
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.002 min
Response: 118643190
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

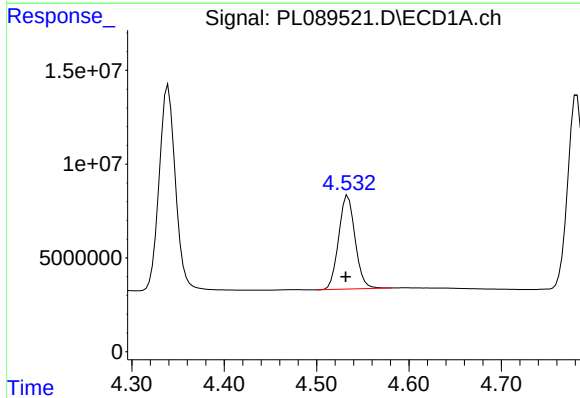
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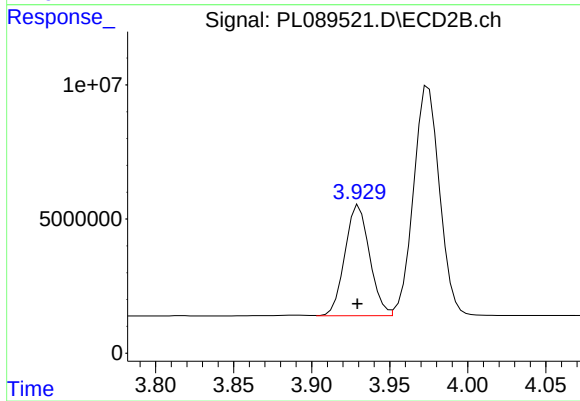
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 97335728
Conc: 55.06 ng/ml



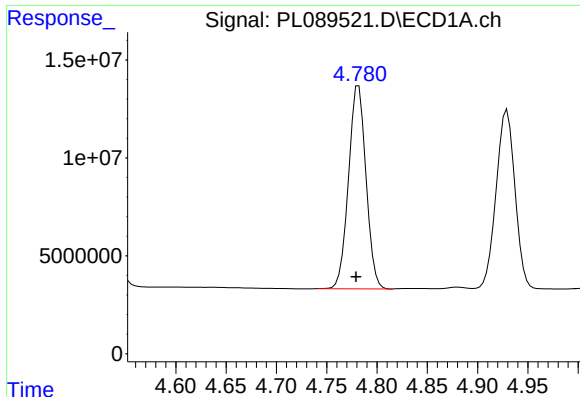
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 61653402
Conc: 48.87 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 45442480
Conc: 55.66 ng/ml



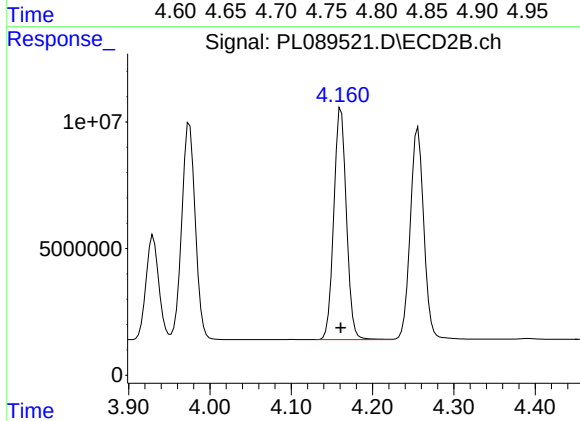
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 125036379
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

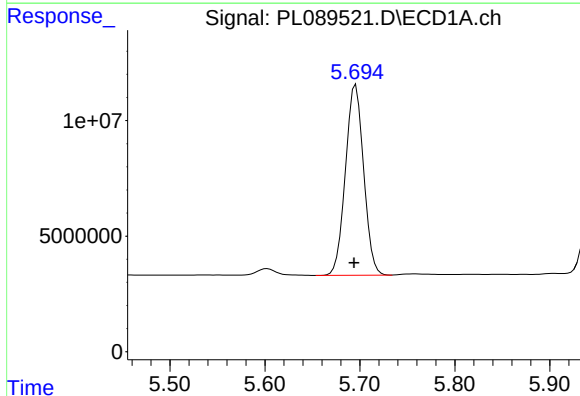
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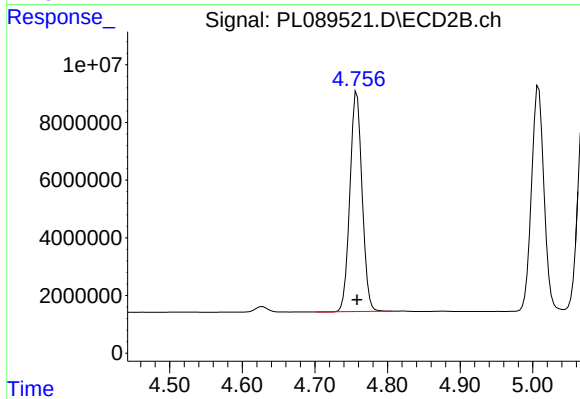
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 98792115
Conc: 54.91 ng/ml



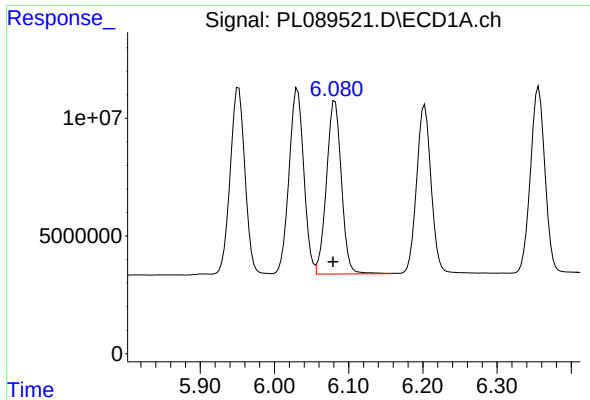
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 109843536
Conc: 46.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 89110953
Conc: 55.12 ng/ml



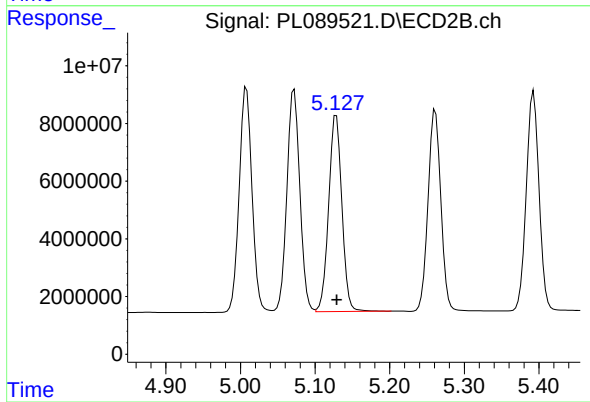
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 102757872
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

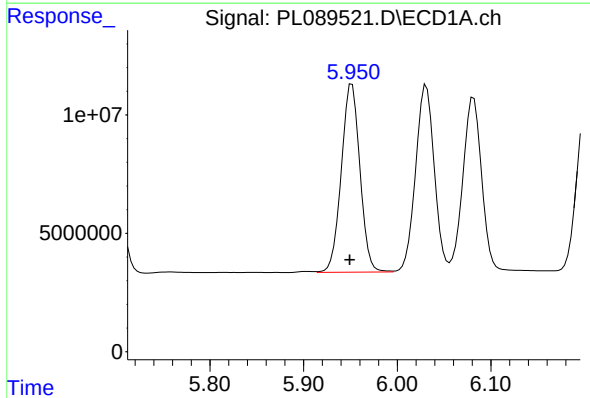
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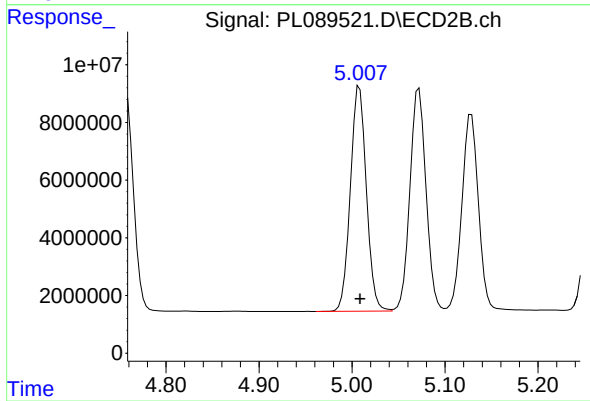
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 83984720
Conc: 56.08 ng/ml



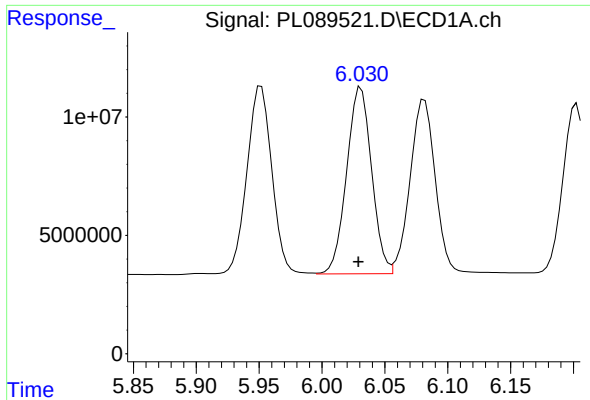
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 109945603
Conc: 48.10 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 93217690
Conc: 56.81 ng/ml



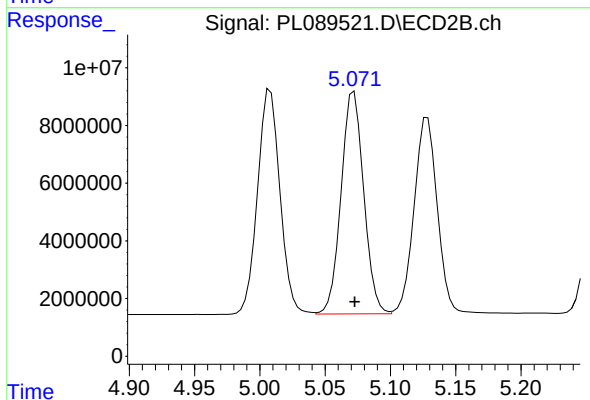
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 108899203
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

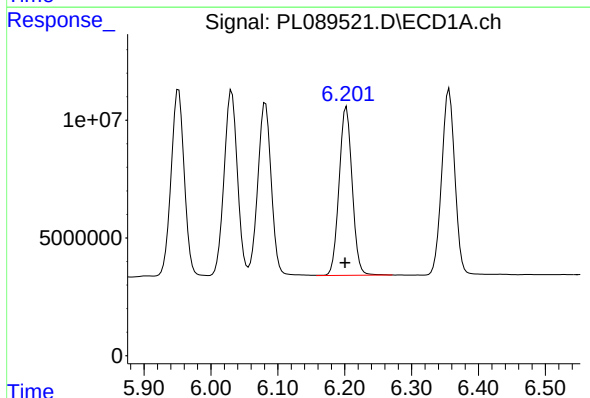
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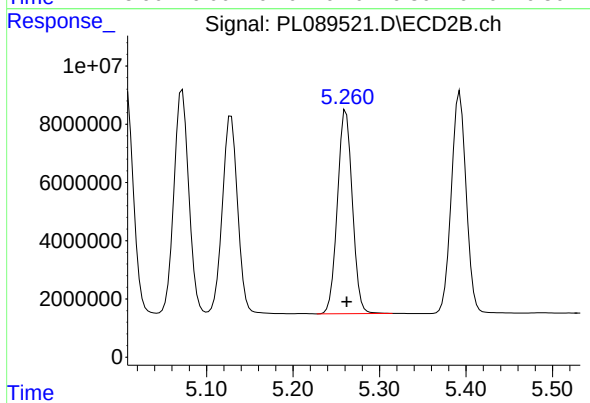
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 92845269
Conc: 56.30 ng/ml



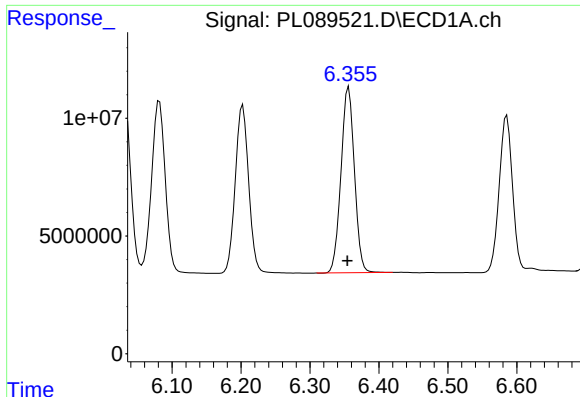
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 97085735
Conc: 47.98 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 83156389
Conc: 57.19 ng/ml



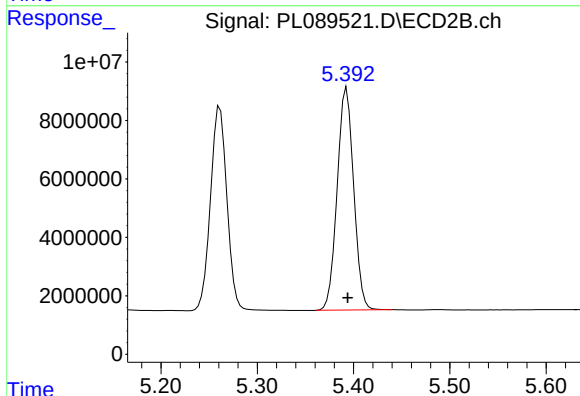
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 106931324
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

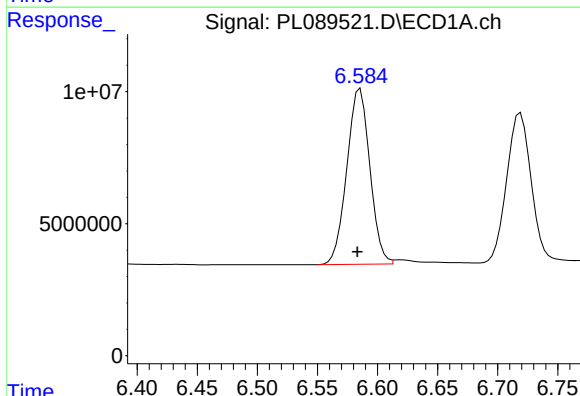
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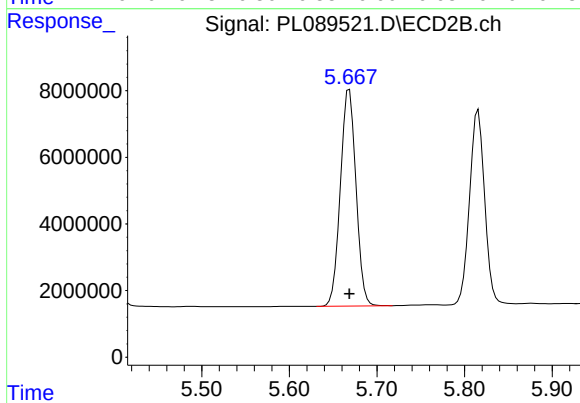
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 90553783
Conc: 56.29 ng/ml



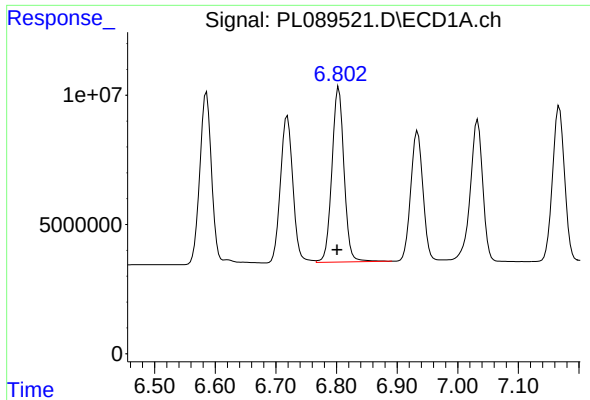
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 89102920
Conc: 47.04 ng/ml m



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 80545227
Conc: 56.02 ng/ml



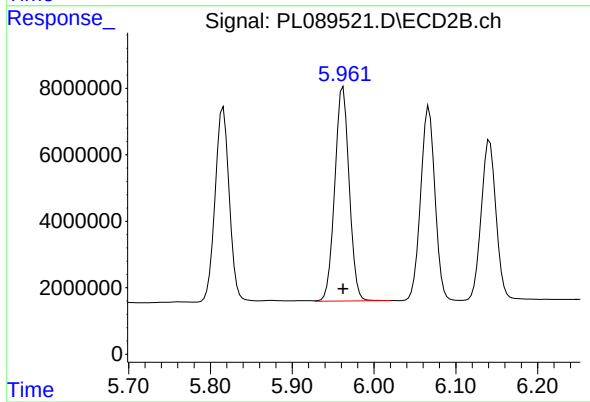
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 94168091
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

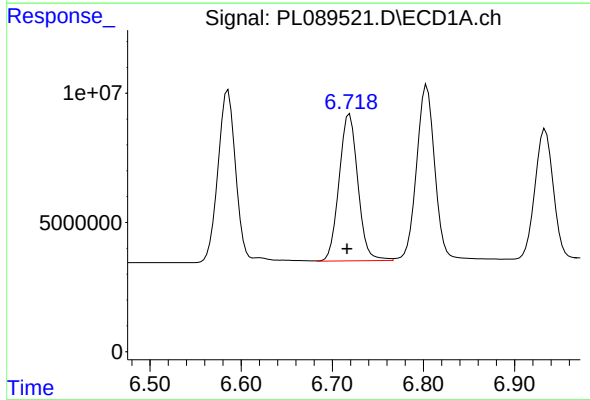
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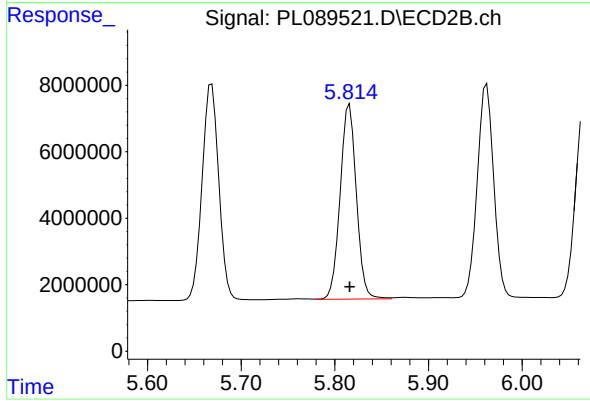
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 78926885
Conc: 54.87 ng/ml



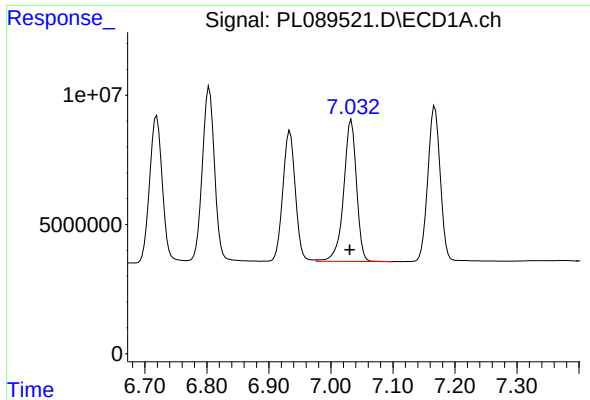
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 81332429
Conc: 48.21 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 70480508
Conc: 57.15 ng/ml



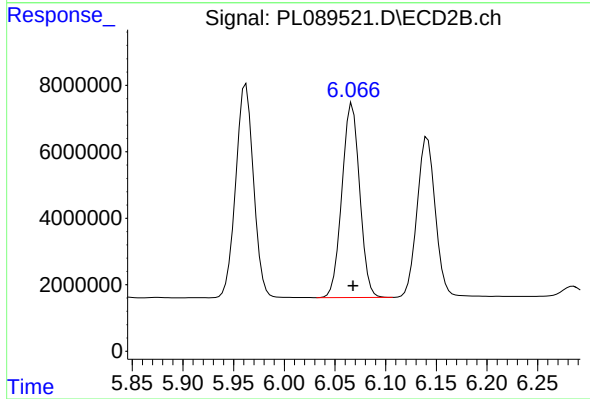
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 78981147
Conc: 42.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

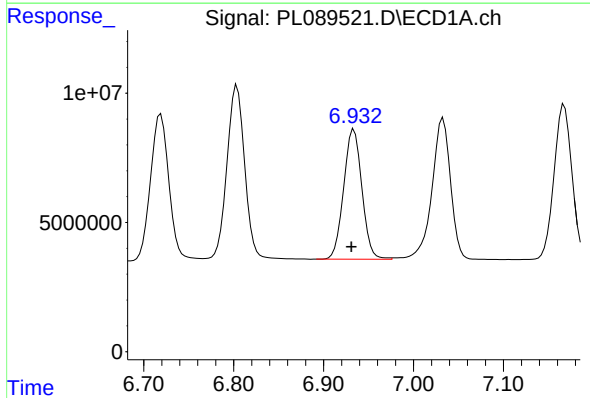
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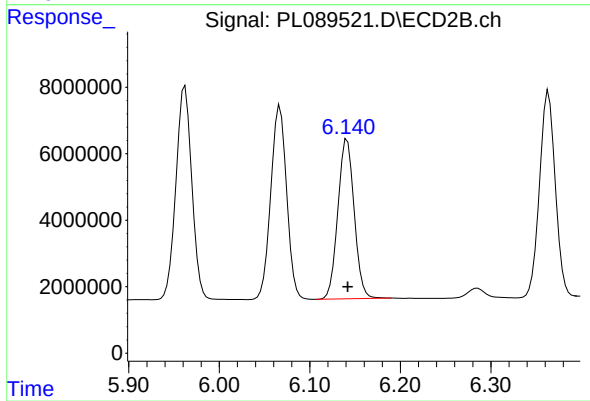
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 70968664
Conc: 52.45 ng/ml



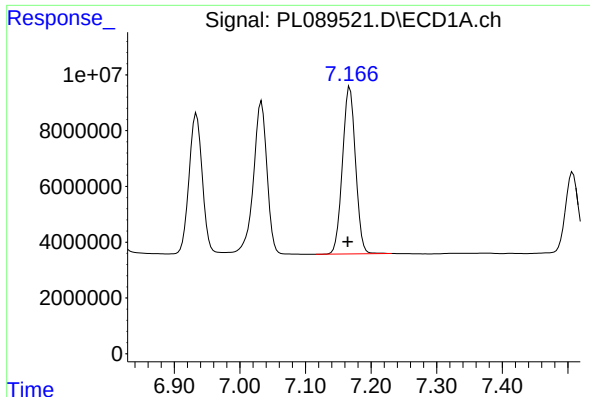
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 70875101
Conc: 46.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 60128166
Conc: 54.06 ng/ml



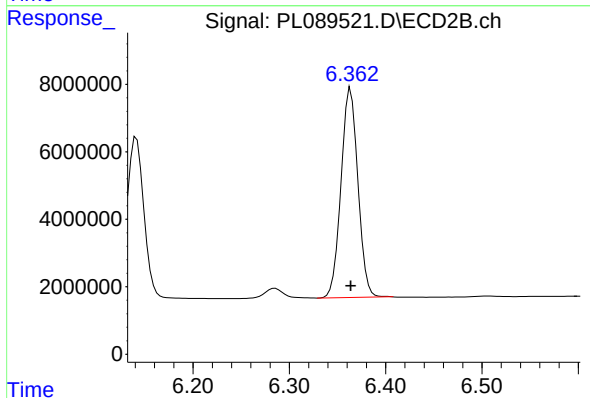
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.003 min
Response: 83037223
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

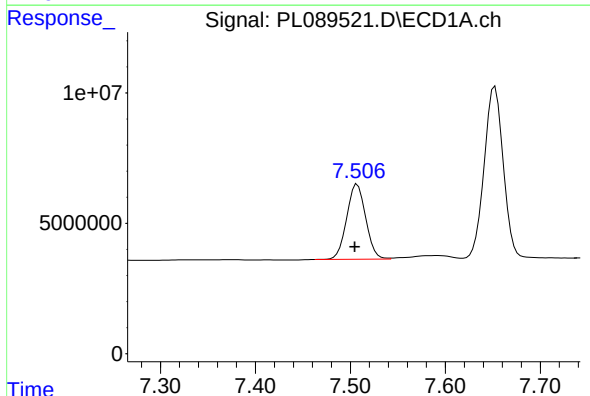
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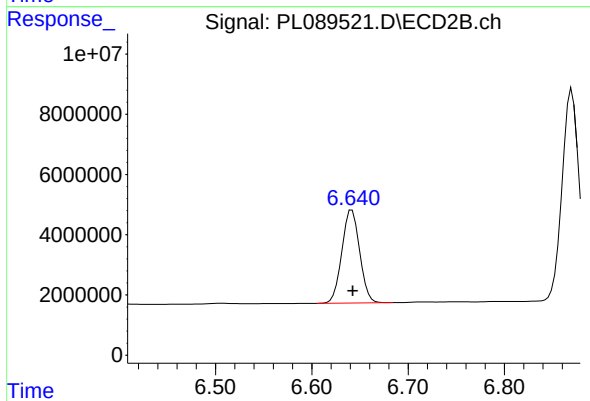
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 75395241
Conc: 54.35 ng/ml



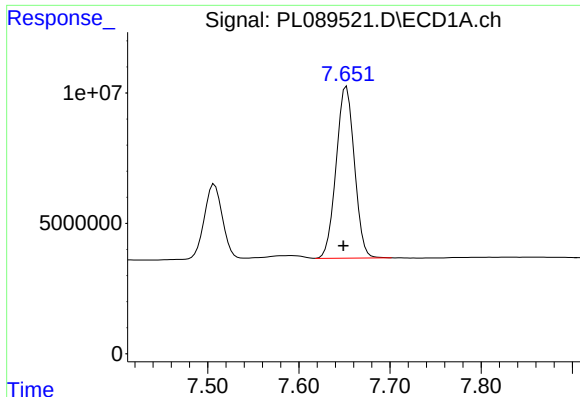
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.003 min
Response: 40061767
Conc: 40.74 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 39554054
Conc: 49.47 ng/ml



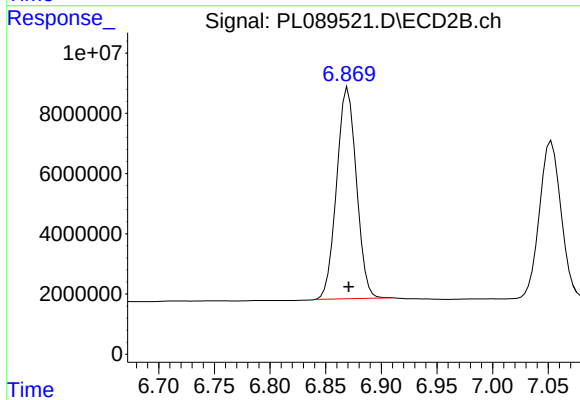
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 91707702
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

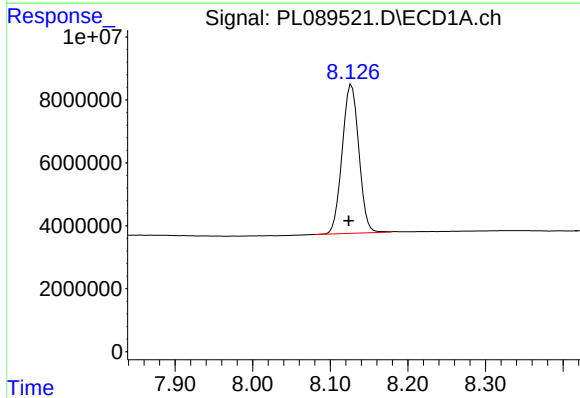
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Supervised By :Ankita Jodhani 05/15/2024



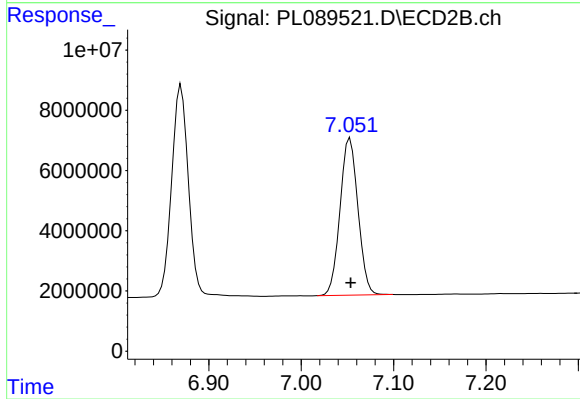
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 86797680
Conc: 54.28 ng/ml



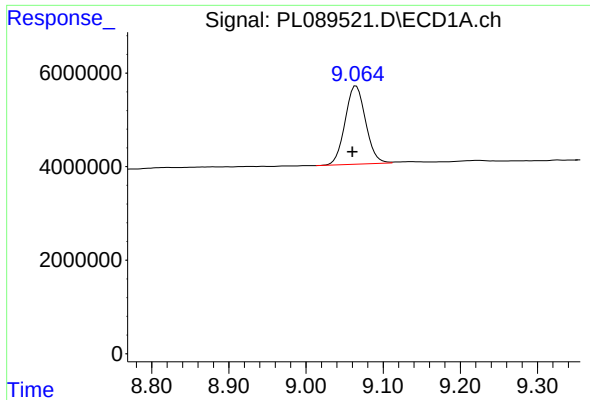
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.004 min
Response: 70609962
Conc: 45.43 ng/ml



#22 Mirex

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 70486668
Conc: 51.67 ng/ml



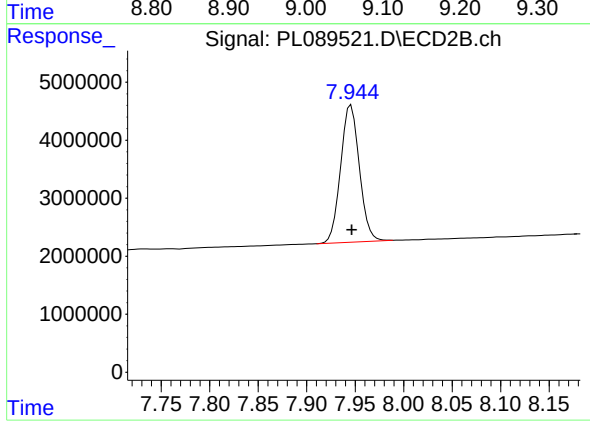
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 30856506
Conc: 22.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160902BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/15/2024



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 31760243
Conc: 23.61 ng/ml