

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
 Data File : PL077806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2022 14:32
 Operator : AR\AJ
 Sample : N4630-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-17-4-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/19/2022
 Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 18:36:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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...	3.416	2.625	26934736	52038567	16.803	17.529
28)	SA Decachlor...	8.900	7.724	24394541	41274160	18.875m	16.442
Target Compounds							
2)	A alpha-BHC	3.880	3.118	115.7E6	213.6E6	48.763	47.108
3)	MA gamma-BHC...	4.216	3.441	109.9E6	194.2E6	49.678	48.084
4)	MA Heptachlor	4.792	3.773	98985506	169.2E6	44.708	42.710
5)	MB Aldrin	5.132	4.047	91333187	166.8E6	45.955	43.949
6)	B beta-BHC	4.429	3.741	47462489	76291018	48.836	45.826
7)	B delta-BHC	4.672	3.964	84033995	164.5E6	40.928	40.547
8)	B Heptachlo...	5.565	4.546	82461791	149.8E6	47.302	44.293
9)	A Endosulfan I	5.951	4.912	73175339	131.6E6	45.402	41.713
10)	B gamma-Chl...	5.820	4.795	81264195	145.0E6	46.413	42.547
11)	B alpha-Chl...	5.897	4.858	79350614	138.6E6	45.938	41.852
12)	B 4,4'-DDE	6.076	5.052	68289001	132.6E6	42.899	40.755
13)	MA Dieldrin	6.228	5.174	75950391	152.2E6	47.056	45.894m
14)	MA Endrin	6.460	5.447	65792089	136.3E6	47.572	47.795
15)	B Endosulfa...	6.688	5.743	65791008	124.5E6	47.627	47.245
16)	A 4,4'-DDD	6.601	5.604	53386006	114.1E6	45.596	44.025
17)	MA 4,4'-DDT	6.912	5.853	53520006	109.0E6	42.237	41.367
18)	B Endrin al...	6.819	5.922	55639927	102.2E6	52.616	49.509
19)	B Endosulfa...	7.052	6.145	55898435	112.5E6	43.650	41.833
20)	A Methoxychlor	7.393	6.430	30856134	56250017	46.720	41.076
21)	B Endrin ke...	7.541	6.644	60915979	123.4E6	44.085	40.732
22)	Mirex	8.001	6.818	45186674	88208306	43.035	41.030m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
Data File : PL077806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2022 14:32
Operator : AR\AJ
Sample : N4630-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

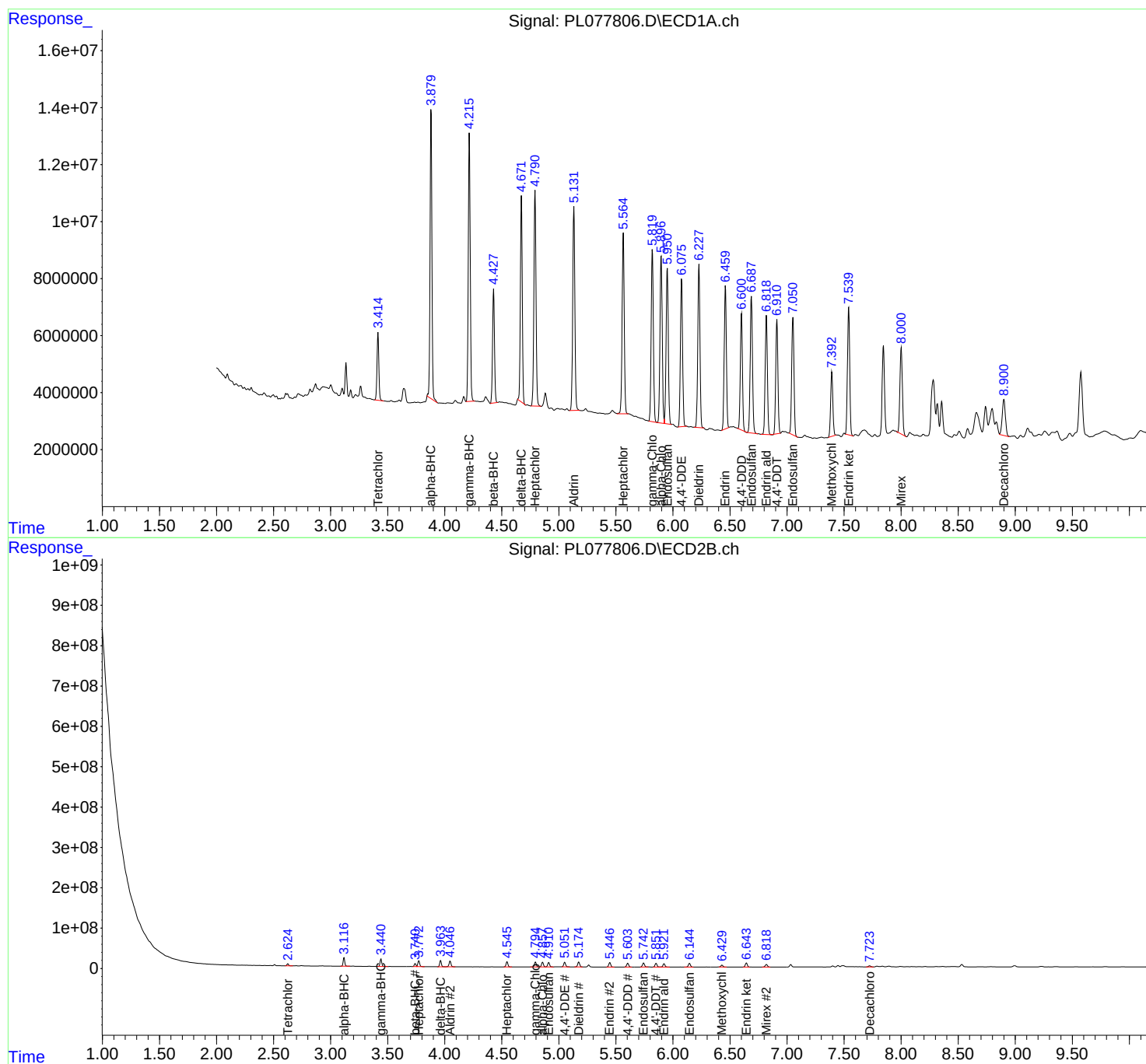
Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

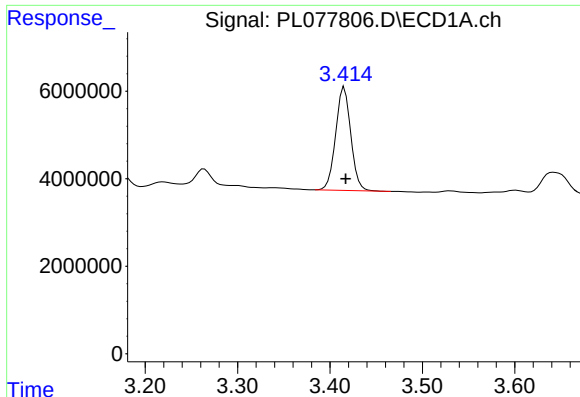
Manual Integrations
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Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 18:36:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
Quant Title : GC Extractables
QLast Update : Tue Sep 13 13:26:11 2022
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





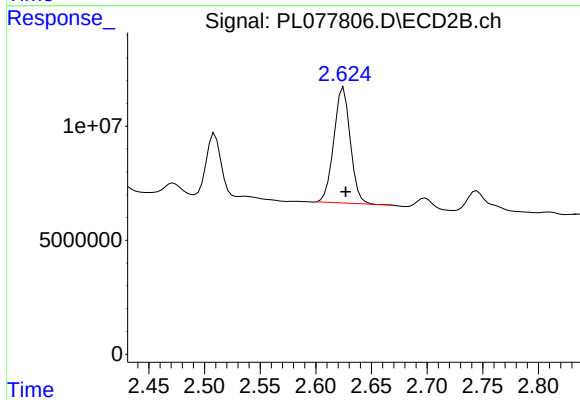
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: -0.001 min
Response: 26934736
Conc: 16.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

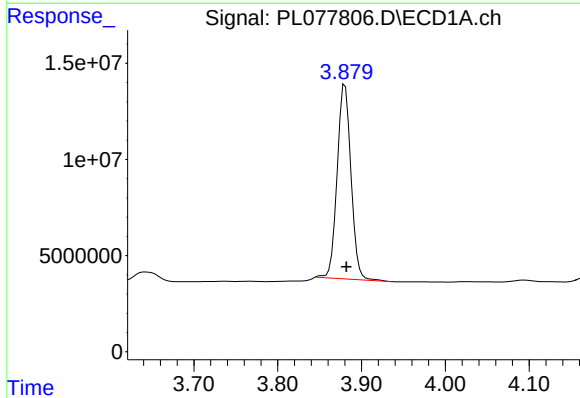
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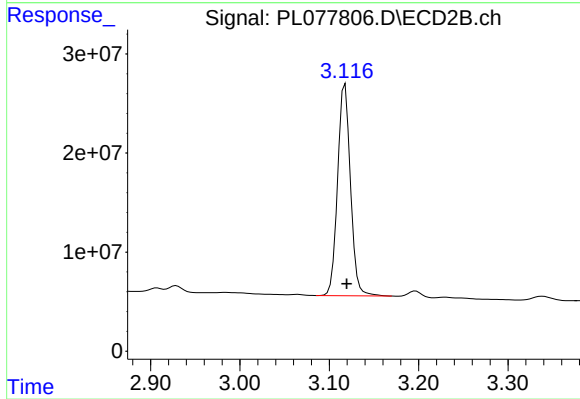
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 52038567
Conc: 17.53 ng/ml



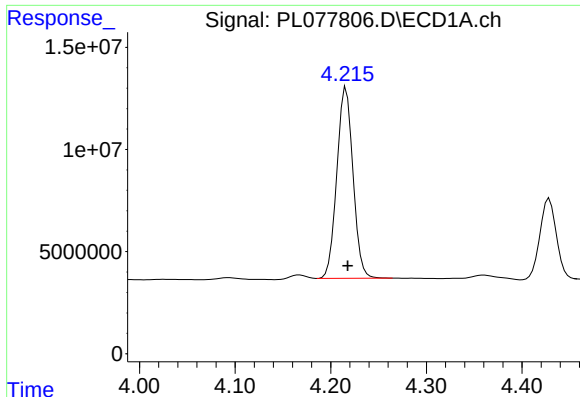
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 115719050
Conc: 48.76 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.002 min
Response: 213638976
Conc: 47.11 ng/ml



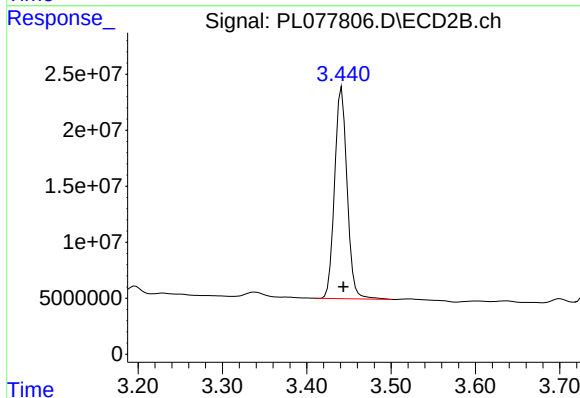
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 109908130
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

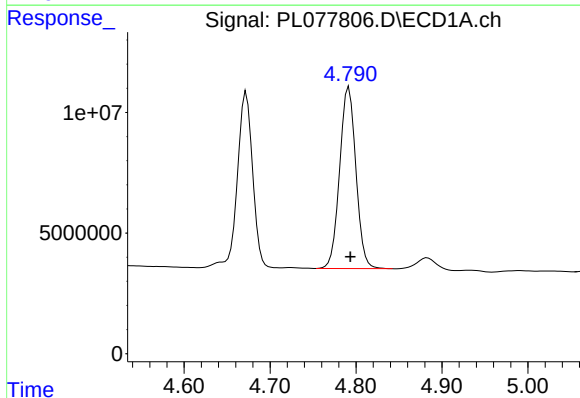
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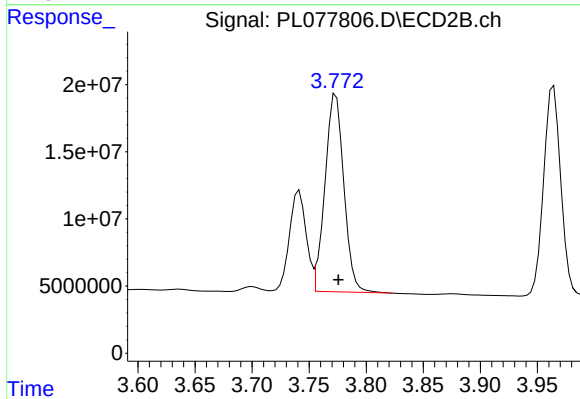
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.002 min
Response: 194172708
Conc: 48.08 ng/ml



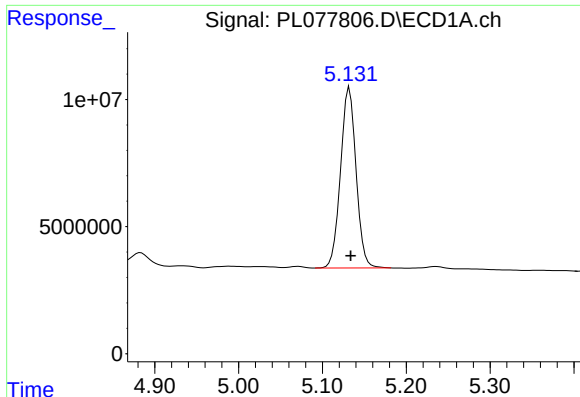
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 98985506
Conc: 44.71 ng/ml



#4 Heptachlor

R.T.: 3.773 min
Delta R.T.: -0.002 min
Response: 169158224
Conc: 42.71 ng/ml



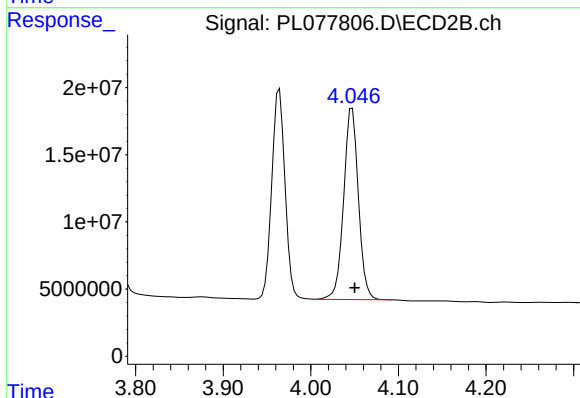
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 91333187
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

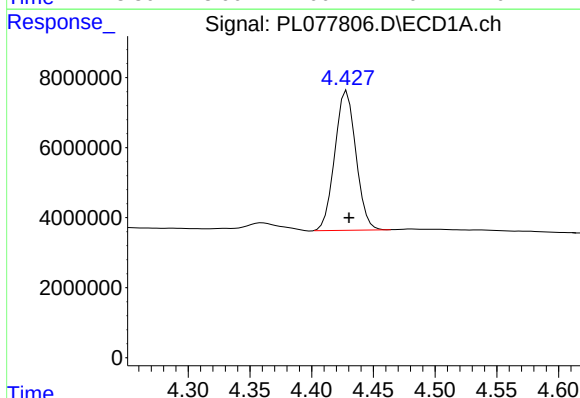
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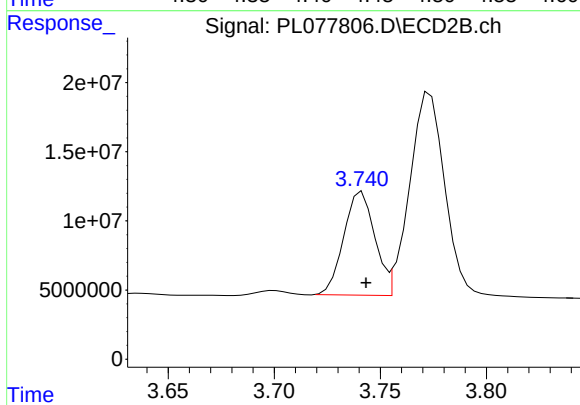
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 166782520
Conc: 43.95 ng/ml



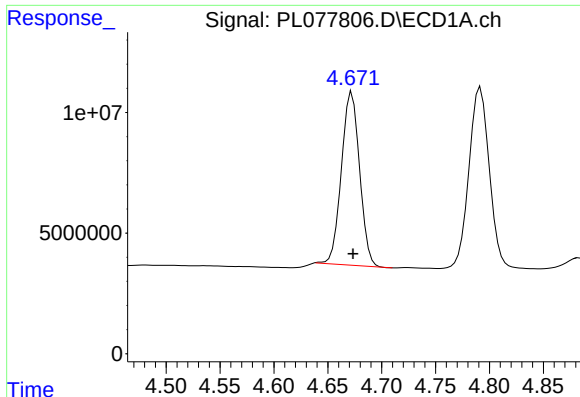
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 47462489
Conc: 48.84 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 76291018
Conc: 45.83 ng/ml



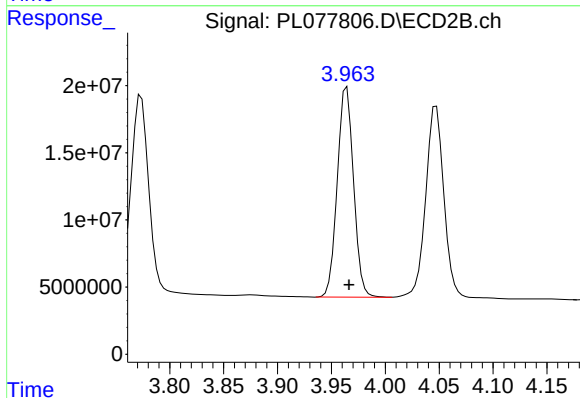
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 84033995
Conc: 40.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

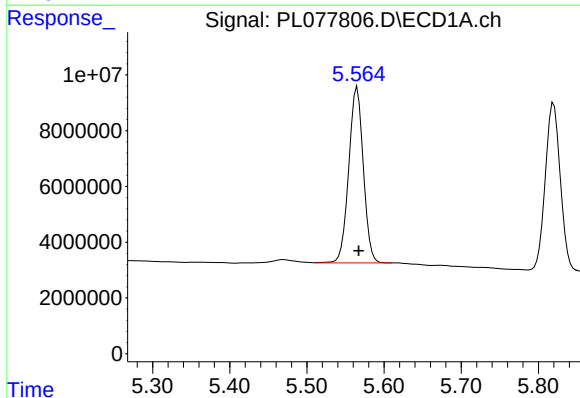
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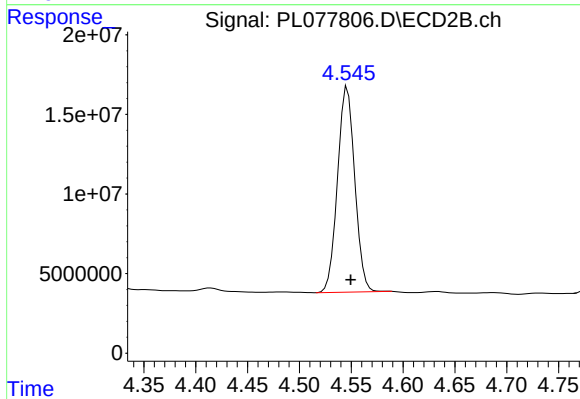
#7 delta-BHC

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 164531248
Conc: 40.55 ng/ml



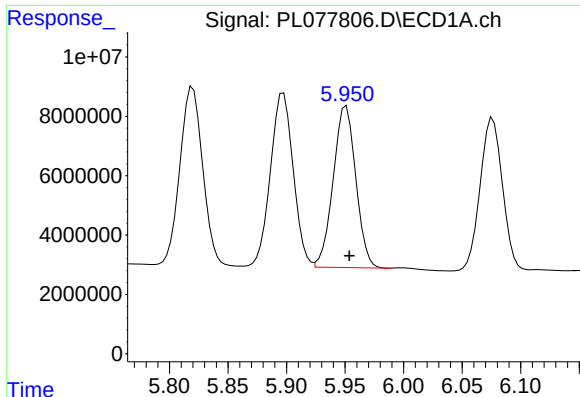
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 82461791
Conc: 47.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 149771635
Conc: 44.29 ng/ml



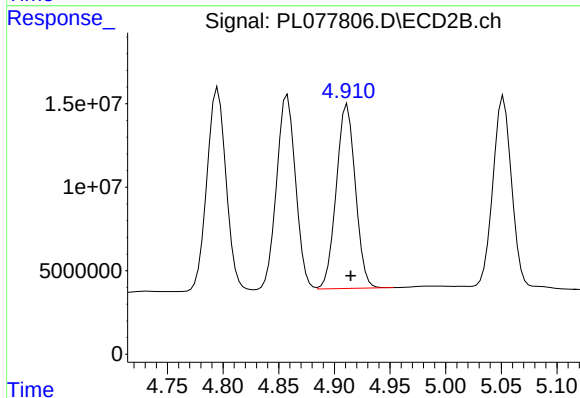
#9 Endosulfan I

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 73175339
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

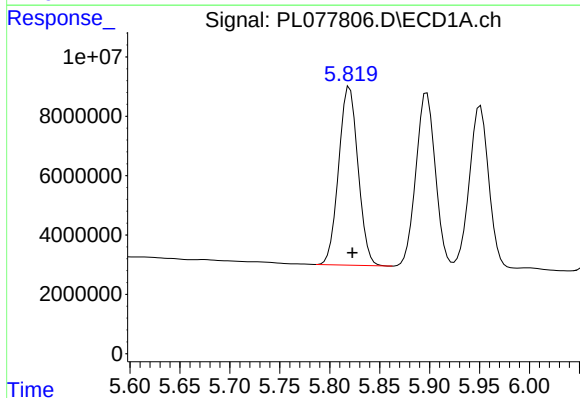
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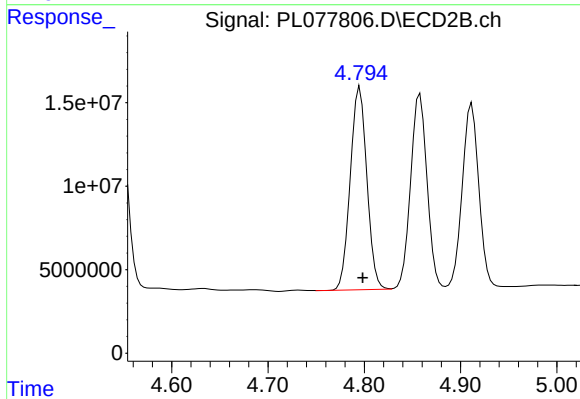
#9 Endosulfan I

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 131615307
Conc: 41.71 ng/ml



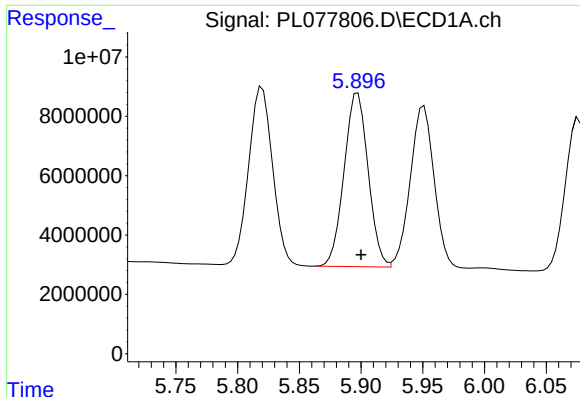
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 81264195
Conc: 46.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 145012908
Conc: 42.55 ng/ml



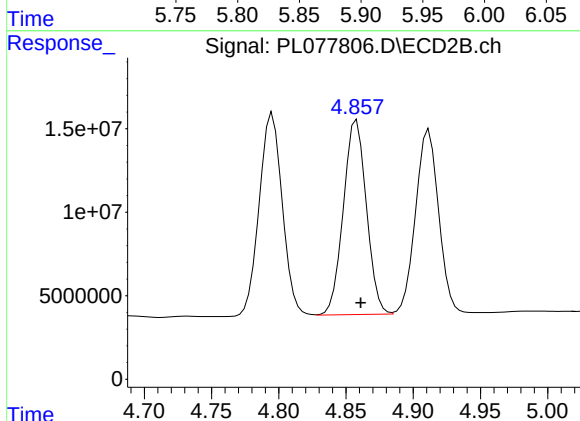
#11 alpha-Chlordane

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 79350614
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

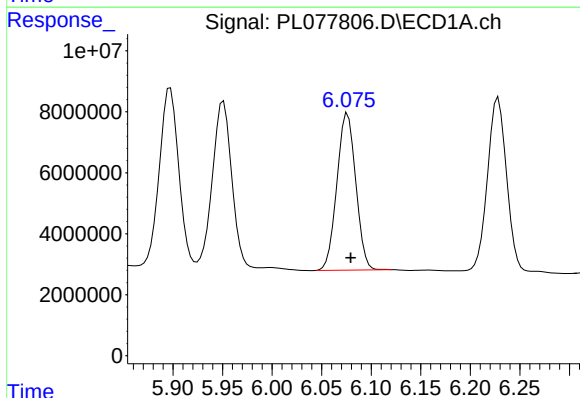
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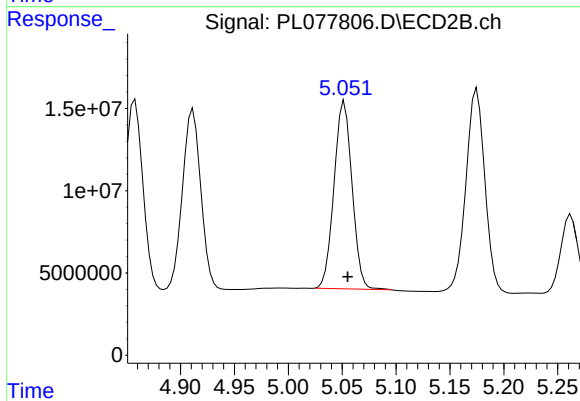
#11 alpha-Chlordane

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 138599684
Conc: 41.85 ng/ml



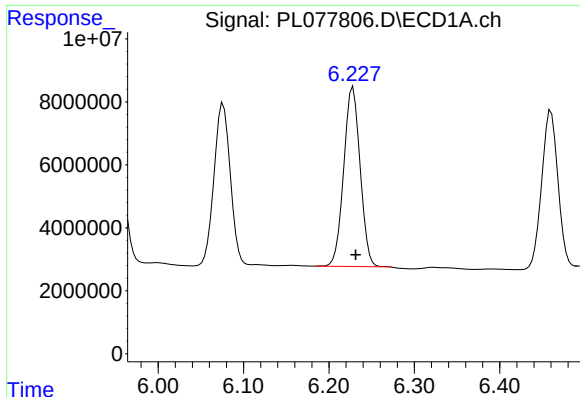
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 68289001
Conc: 42.90 ng/ml



#12 4,4'-DDE

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 132610588
Conc: 40.76 ng/ml



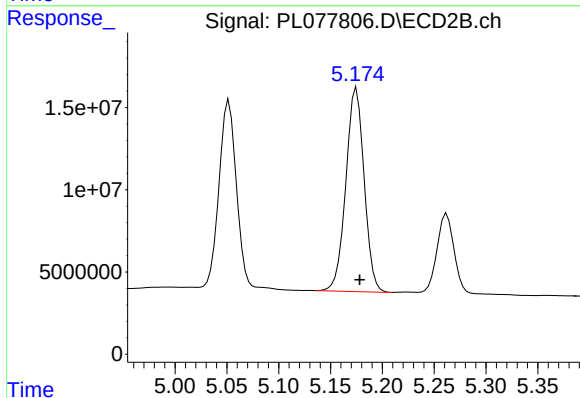
#13 Dieldrin

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 75950391
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

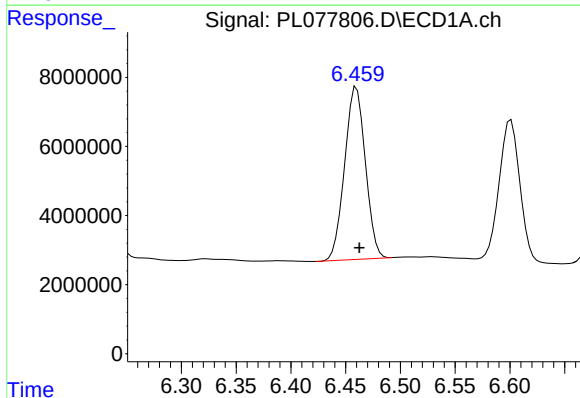
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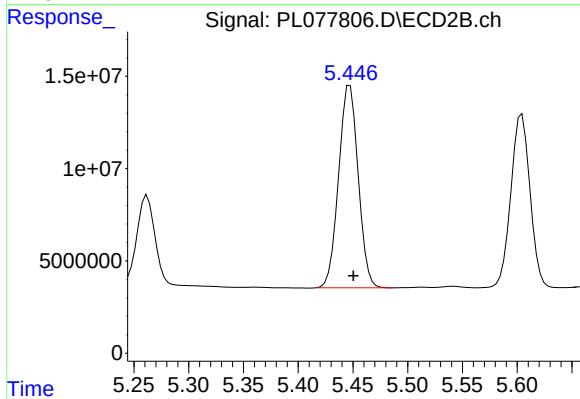
#13 Dieldrin

R.T.: 5.174 min
Delta R.T.: -0.004 min
Response: 152169919
Conc: 45.89 ng/ml m



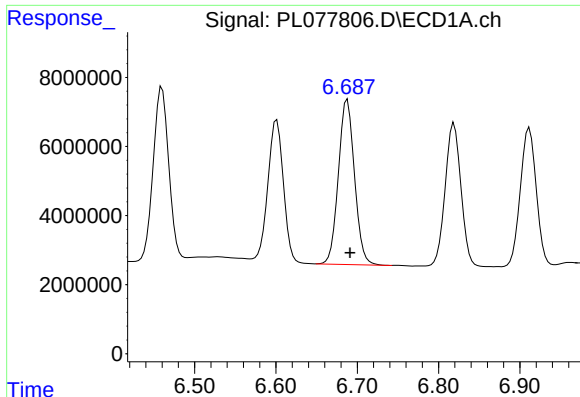
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 65792089
Conc: 47.57 ng/ml



#14 Endrin

R.T.: 5.447 min
Delta R.T.: -0.003 min
Response: 136285079
Conc: 47.79 ng/ml



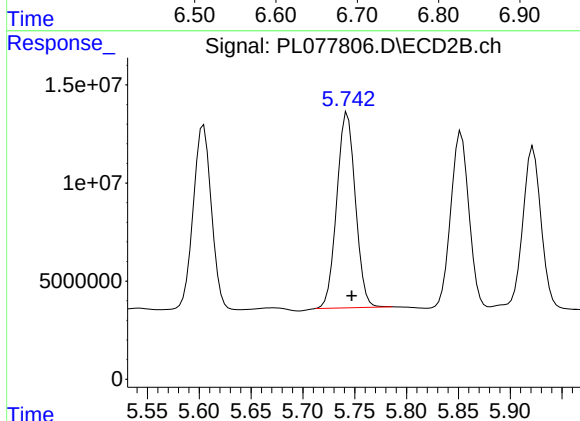
#15 Endosulfan II

R.T.: 6.688 min
Delta R.T.: -0.003 min
Response: 65791008
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

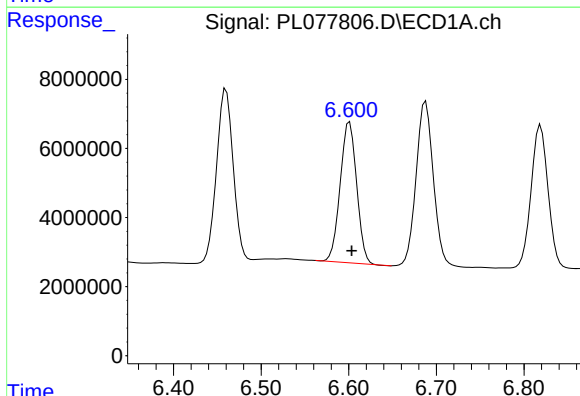
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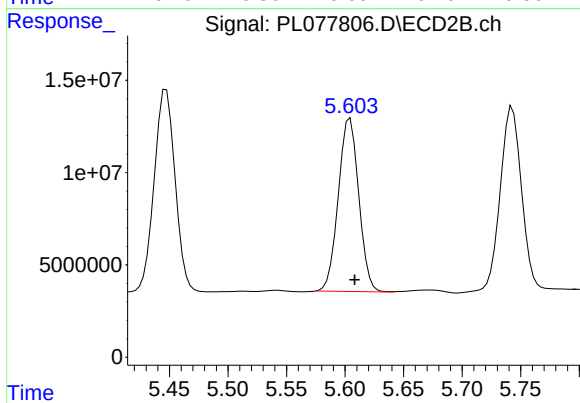
#15 Endosulfan II

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 124499654
Conc: 47.25 ng/ml



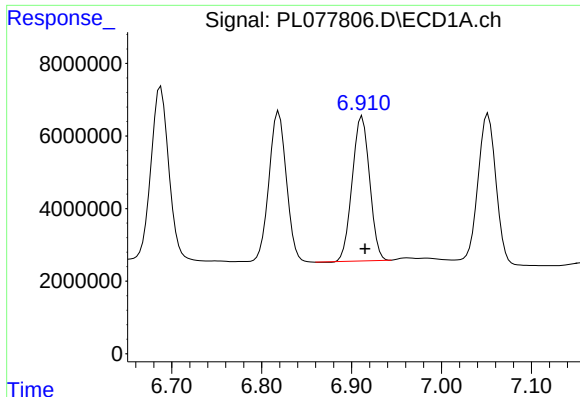
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 53386006
Conc: 45.60 ng/ml



#16 4,4'-DDD

R.T.: 5.604 min
Delta R.T.: -0.004 min
Response: 114051627
Conc: 44.03 ng/ml



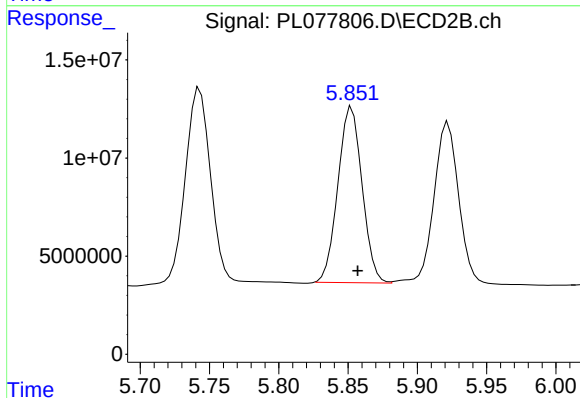
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: -0.003 min
Response: 53520006
Conc: 42.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

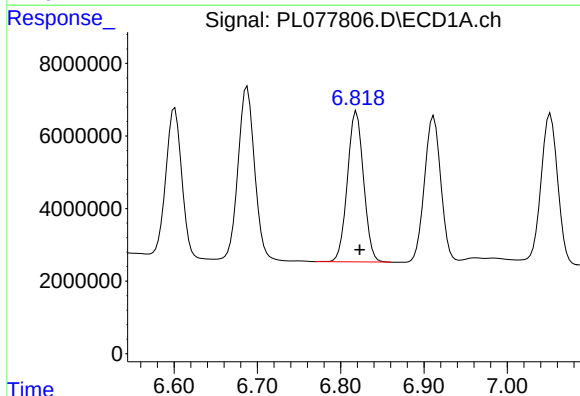
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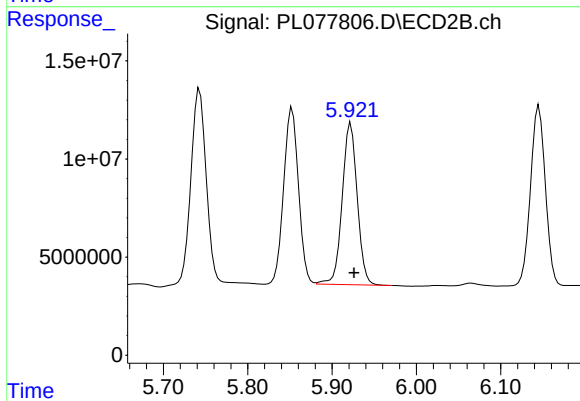
#17 4,4'-DDT

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 108992308
Conc: 41.37 ng/ml



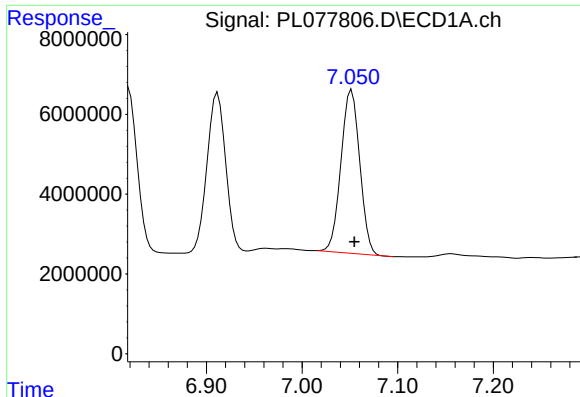
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: -0.004 min
Response: 55639927
Conc: 52.62 ng/ml



#18 Endrin aldehyde

R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 102163631
Conc: 49.51 ng/ml



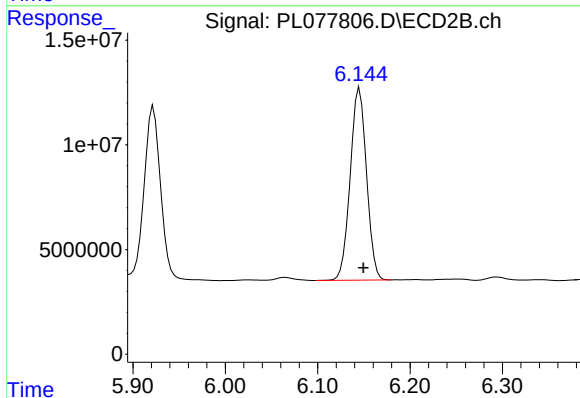
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 55898435
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

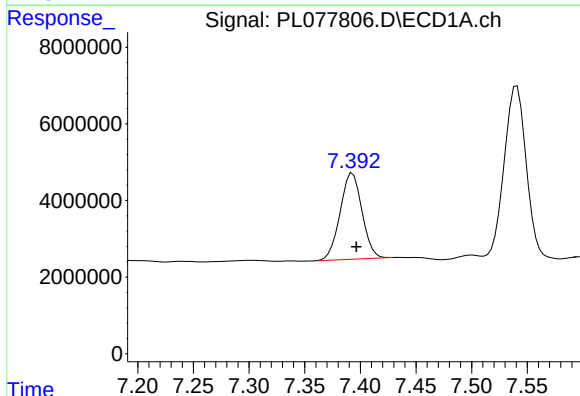
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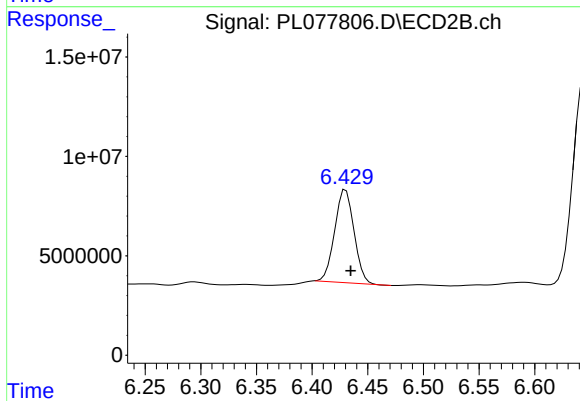
#19 Endosulfan Sulfate

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 112496738
Conc: 41.83 ng/ml



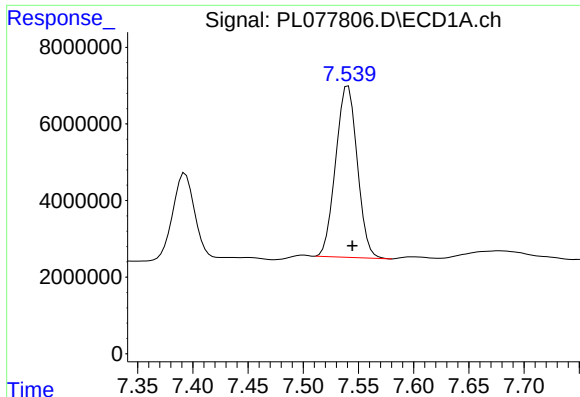
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 30856134
Conc: 46.72 ng/ml



#20 Methoxychlor

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 56250017
Conc: 41.08 ng/ml



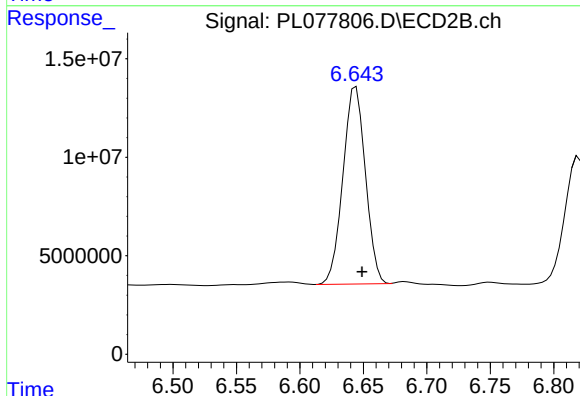
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: -0.004 min
Response: 60915979
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

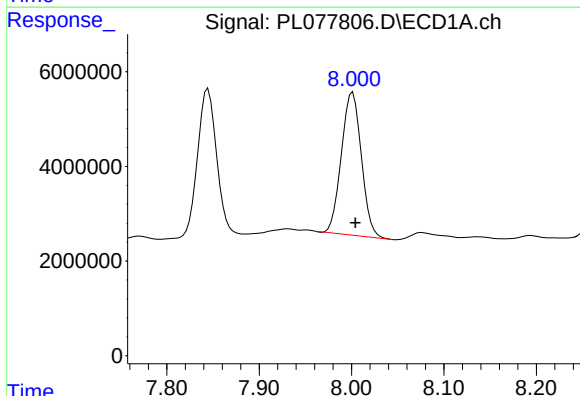
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Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



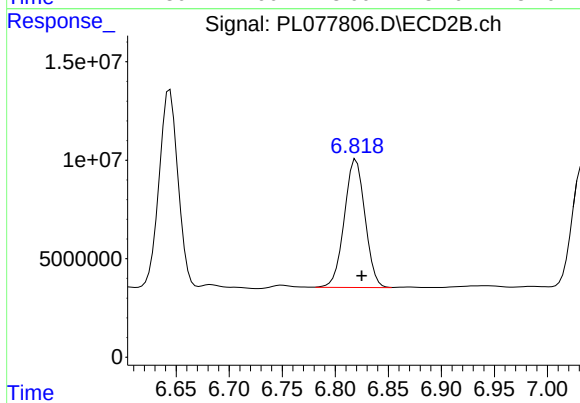
#21 Endrin ketone

R.T.: 6.644 min
Delta R.T.: -0.005 min
Response: 123350561
Conc: 40.73 ng/ml



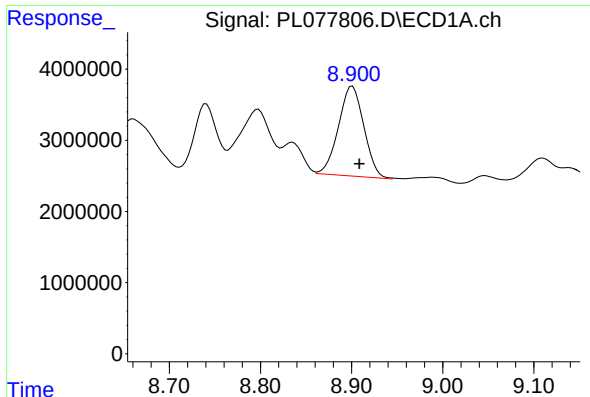
#22 Mirex

R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 45186674
Conc: 43.04 ng/ml



#22 Mirex

R.T.: 6.818 min
Delta R.T.: -0.007 min
Response: 88208306
Conc: 41.03 ng/ml m



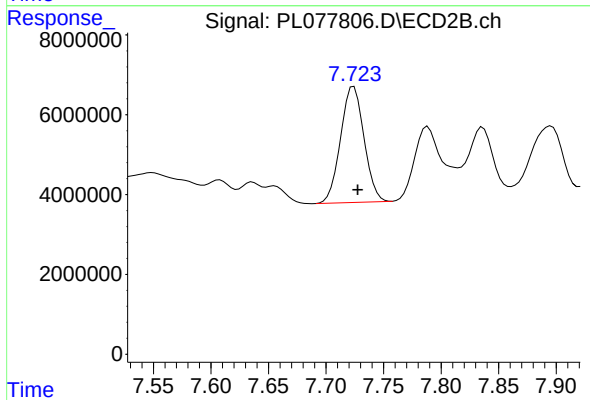
#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: -0.009 min
Response: 24394541
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 41274160
Conc: 16.44 ng/ml