

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
 Data File : PL090595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2024 11:32
 Operator : AR\AJ
 Sample : PB162138BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162138BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2024
 Supervised By : Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 22:02:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.547	2.789	39114793	30922091	18.785m	18.374
28)	SA Decachlor...	9.063	7.934	28059881	29918996	21.116	20.519
Target Compounds							
2)	A alpha-BHC	4.005	3.293	128.0E6	109.9E6	43.119	45.491
3)	MA gamma-BHC...	4.337	3.624	124.8E6	106.3E6	44.560	46.111
4)	MA Heptachlor	4.927	3.964	111.1E6	99360138	43.660	45.040
5)	MB Aldrin	5.267	4.243	111.8E6	111.6E6	44.752m	52.456m
6)	B beta-BHC	4.533	3.922	54275644	44557138	42.786	43.167
7)	B delta-BHC	4.780	4.152	118.0E6	106.8E6	44.018	48.541
8)	B Heptachlo...	5.694	4.748	104.7E6	90999092	44.559	46.657
9)	A Endosulfan I	6.078	5.118	93830503	84288767	43.872m	46.091
10)	B gamma-Chl...	5.948	4.998	99668084	90693130	42.867m	44.733
11)	B alpha-Chl...	6.028	5.062	99817681	91209155	43.480m	45.139
12)	B 4,4'-DDE	6.200	5.252	90342220	82727908	44.679m	46.291
13)	MA Dieldrin	6.354	5.383	99606682	90364065	44.831	46.083
14)	MA Endrin	6.584	5.658	82498518	77470739	44.874	45.012
15)	B Endosulfa...	6.801	5.952	84628756	78430984	43.027m	45.909
16)	A 4,4'-DDD	6.718	5.806	75872432	70670422	44.943	47.168
17)	MA 4,4'-DDT	7.032	6.057	74168288	68945718	44.062	47.057
18)	B Endrin al...	6.931	6.132	68503844	62926422	46.174m	48.162
19)	B Endosulfa...	7.166	6.354	80623953	75879839	45.907	47.057
20)	A Methoxychlor	7.506	6.632	40643511	38049480	46.034	47.059
21)	B Endrin ke...	7.651	6.860	90862915	87497713	47.597	47.878
22)	Mirex	8.125	7.042	66922086	66564076	47.253	44.777

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
Data File : PL090595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2024 11:32
Operator : AR\AJ
Sample : PB162138BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162138BSD

Manual Integrations

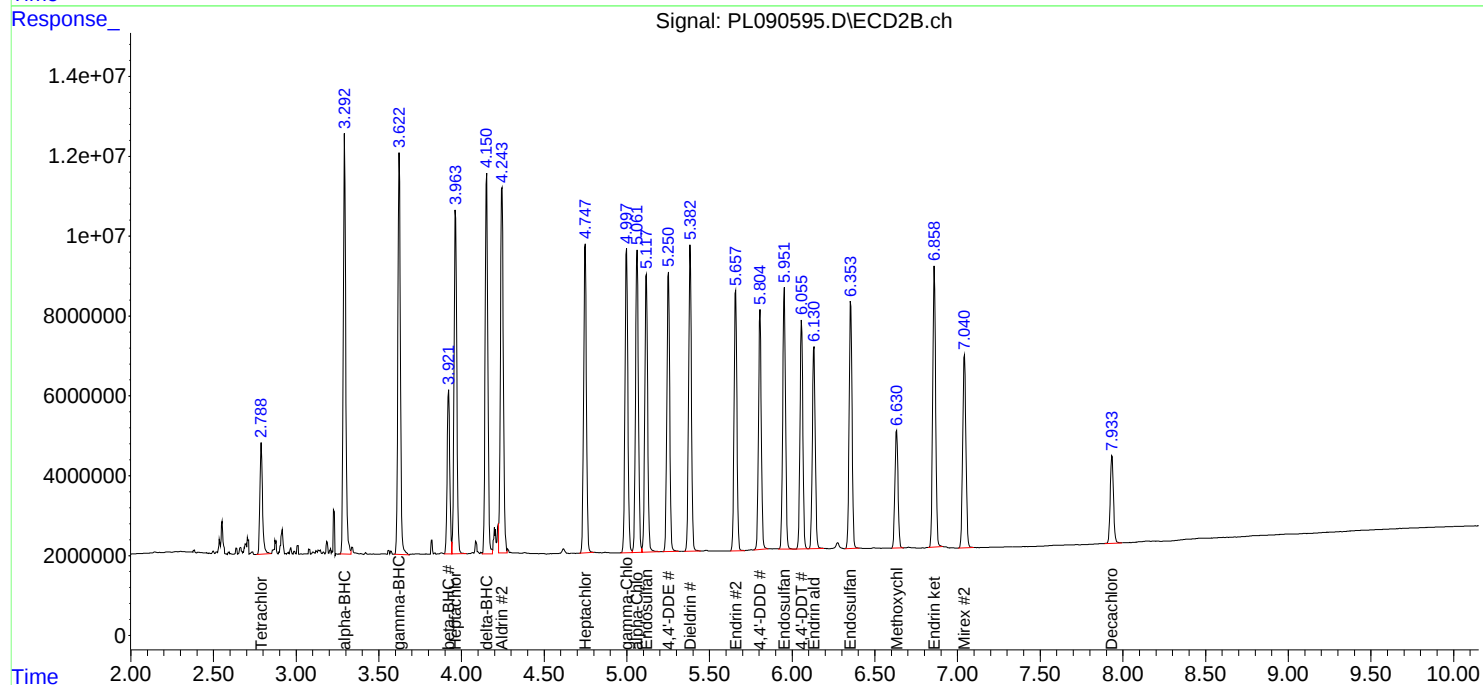
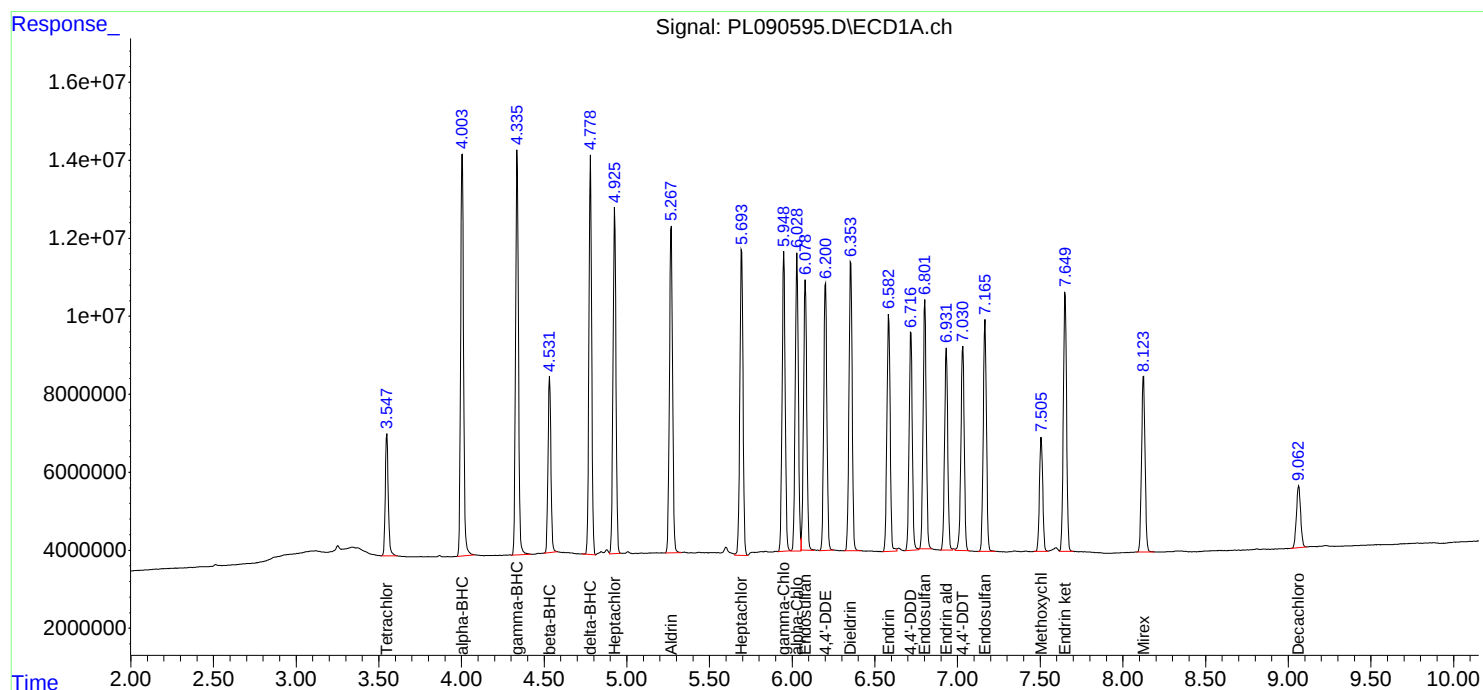
APPROVED

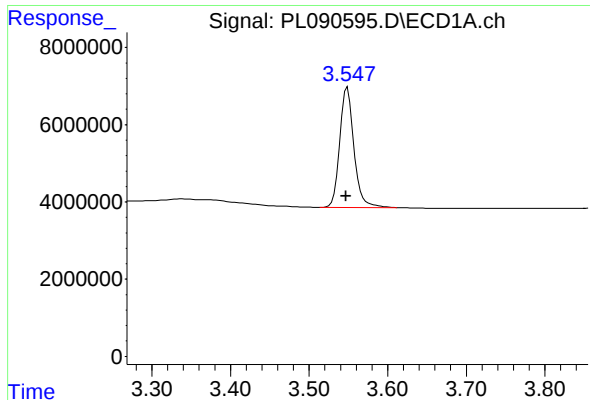
Reviewed By :Abdul Mirza 07/22/2024

Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 22:02:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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





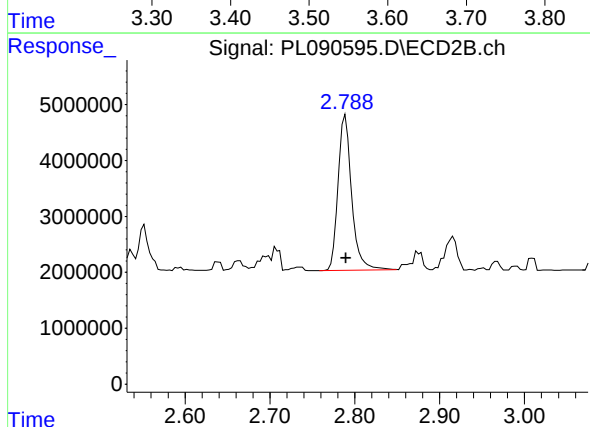
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 39114793
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

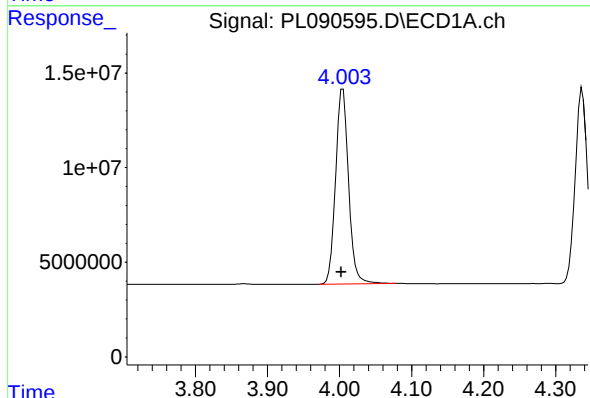
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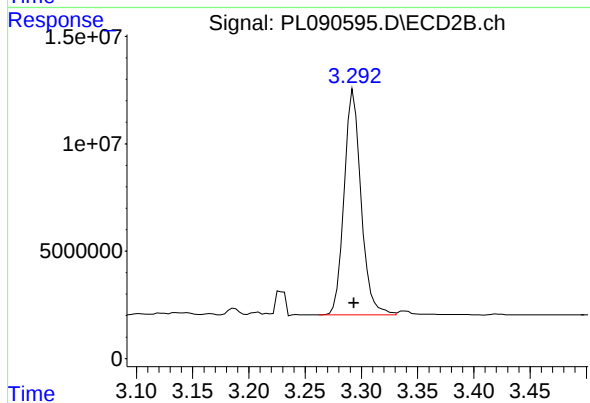
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 30922091
Conc: 18.37 ng/ml



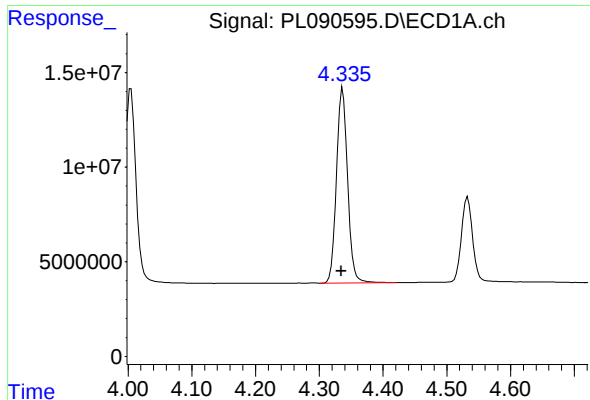
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 127950426
Conc: 43.12 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 109911458
Conc: 45.49 ng/ml



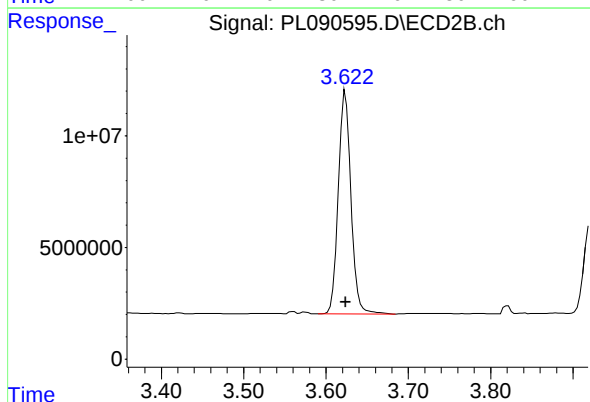
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.002 min
Response: 124789405
Conc: 44.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

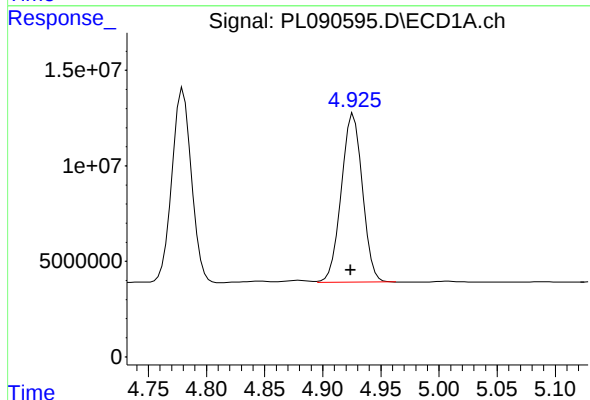
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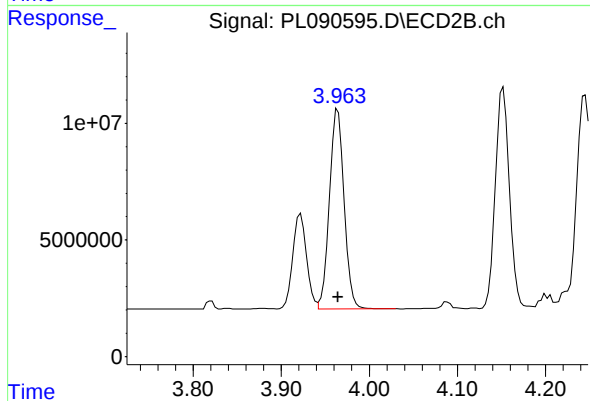
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 106330787
Conc: 46.11 ng/ml



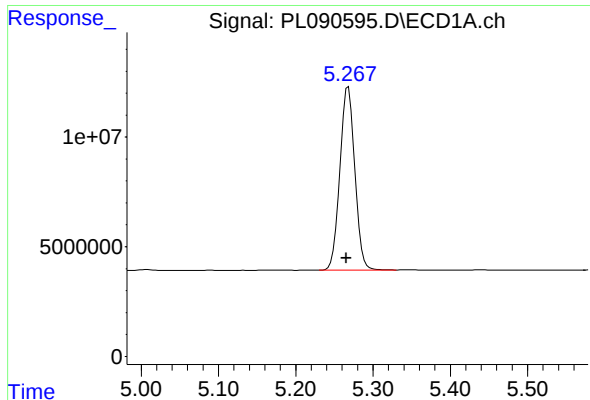
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.002 min
Response: 111116693
Conc: 43.66 ng/ml



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 99360138
Conc: 45.04 ng/ml



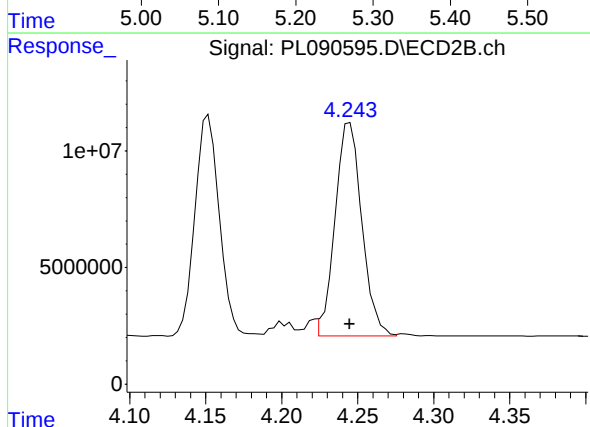
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.001 min
Response: 111807121
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

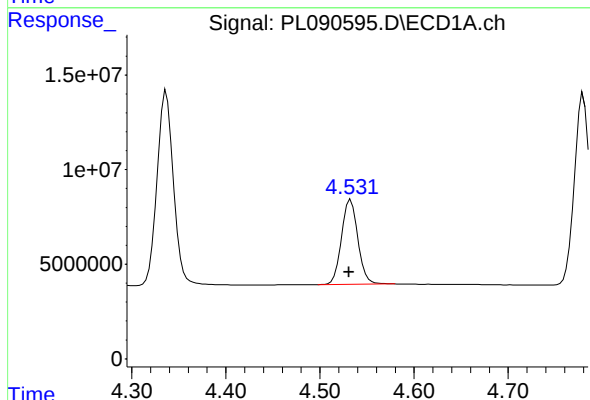
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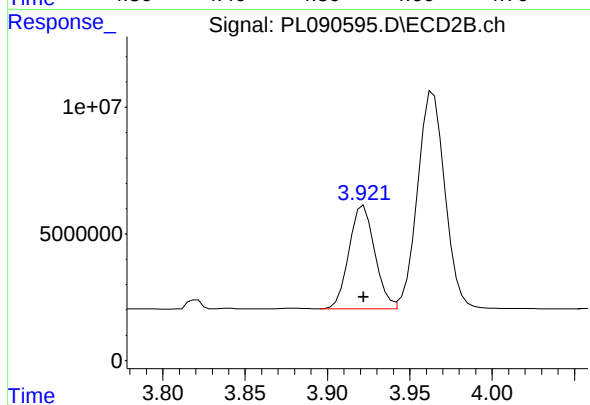
#5 Aldrin

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 111599826
Conc: 52.46 ng/ml m



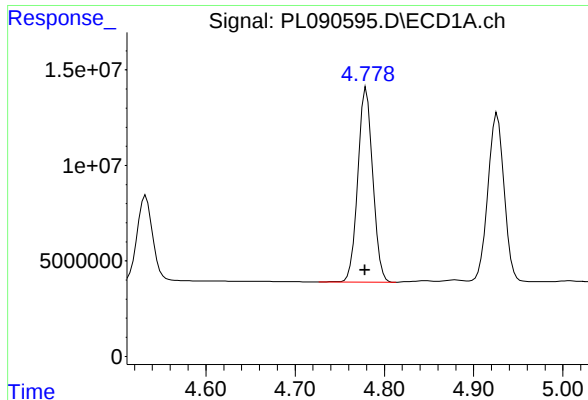
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 54275644
Conc: 42.79 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 44557138
Conc: 43.17 ng/ml



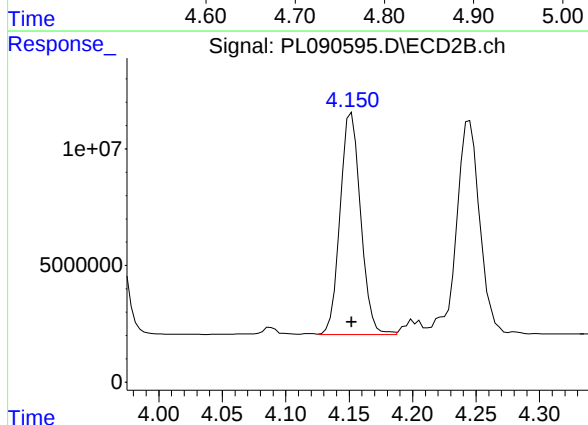
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.002 min
Response: 118015250
Conc: 44.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

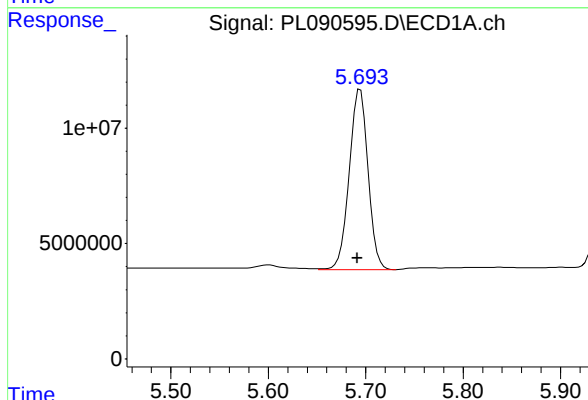
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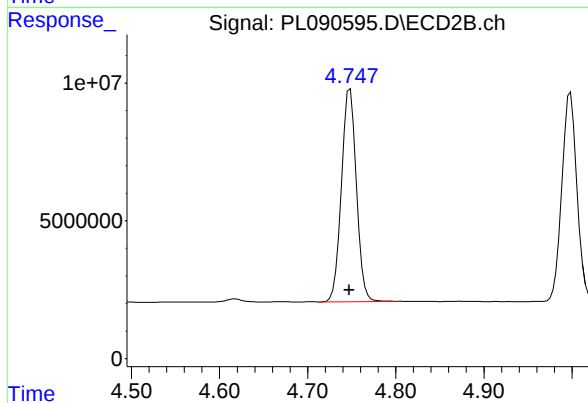
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 106777826
Conc: 48.54 ng/ml



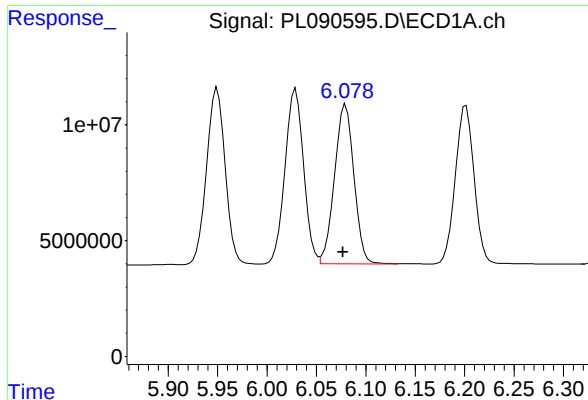
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.003 min
Response: 104730450
Conc: 44.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 90999092
Conc: 46.66 ng/ml



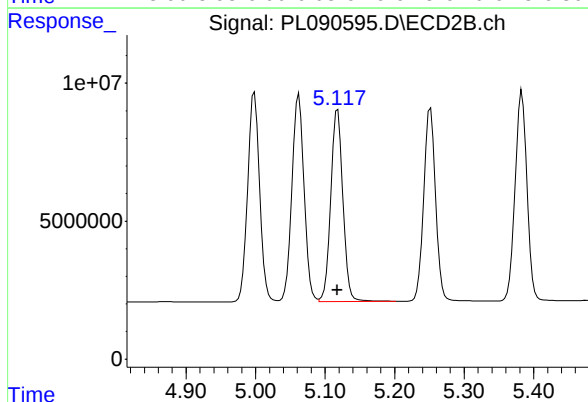
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 93830503
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

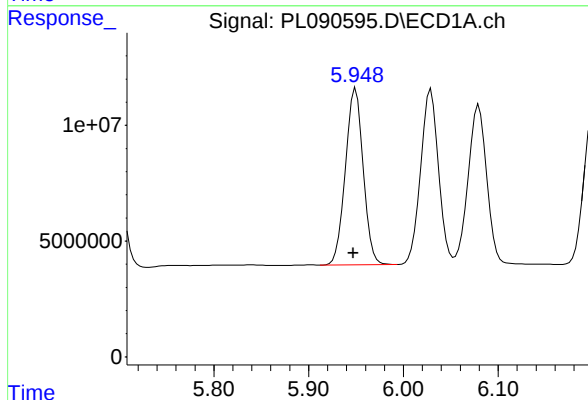
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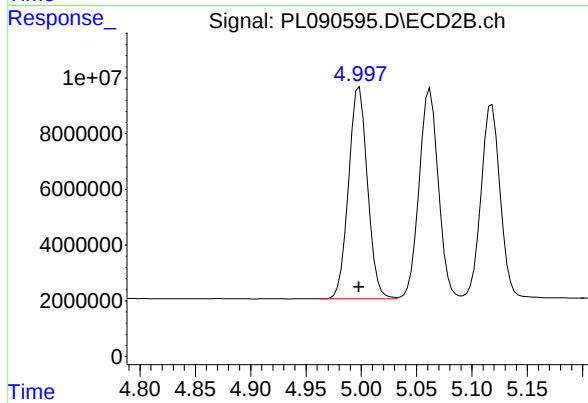
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 84288767
Conc: 46.09 ng/ml



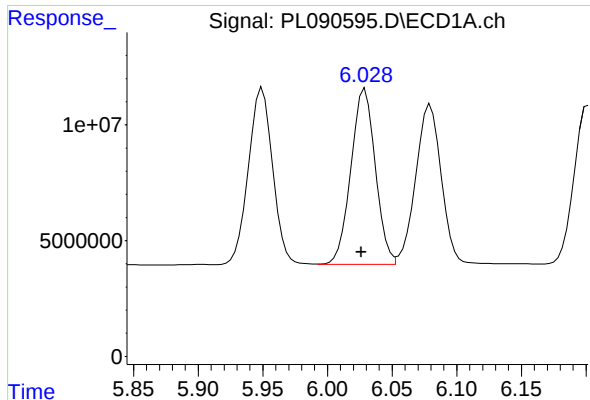
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 99668084
Conc: 42.87 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 90693130
Conc: 44.73 ng/ml



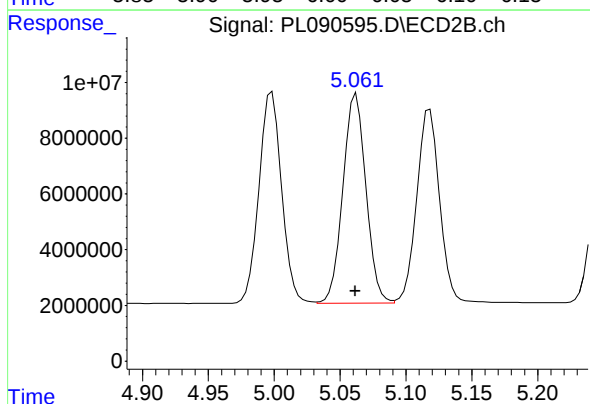
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 99817681
Conc: 43.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

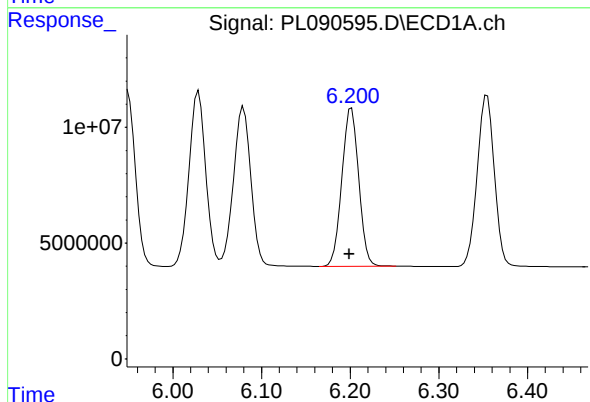
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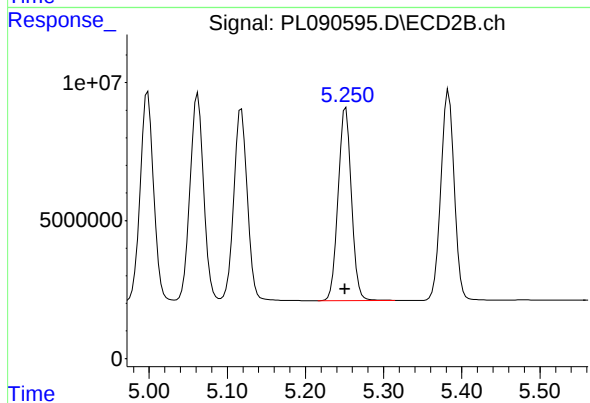
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 91209155
Conc: 45.14 ng/ml



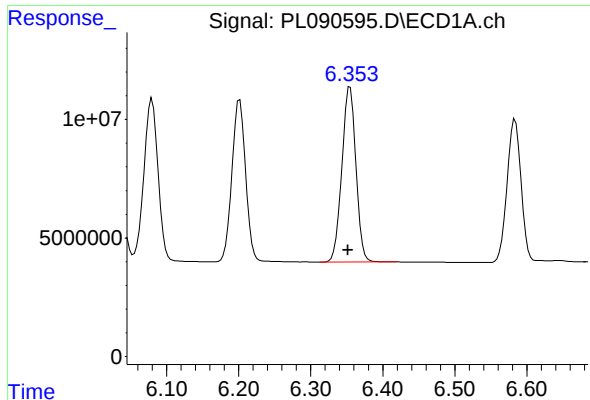
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.001 min
Response: 90342220
Conc: 44.68 ng/ml m



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.001 min
Response: 82727908
Conc: 46.29 ng/ml



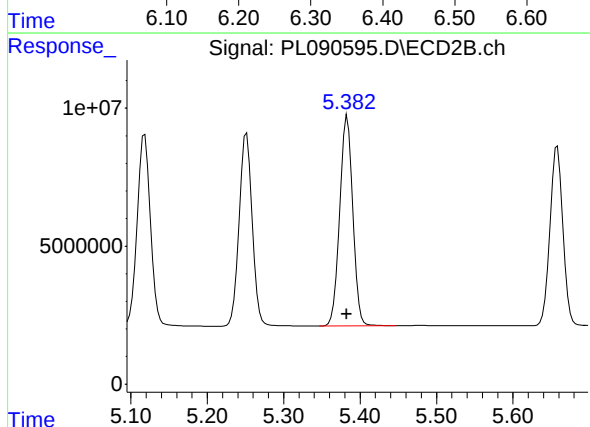
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 99606682
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

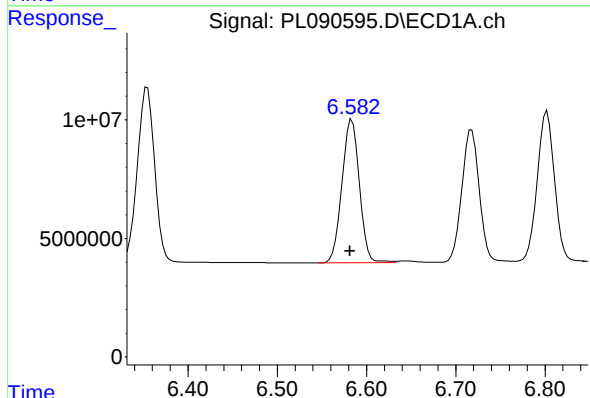
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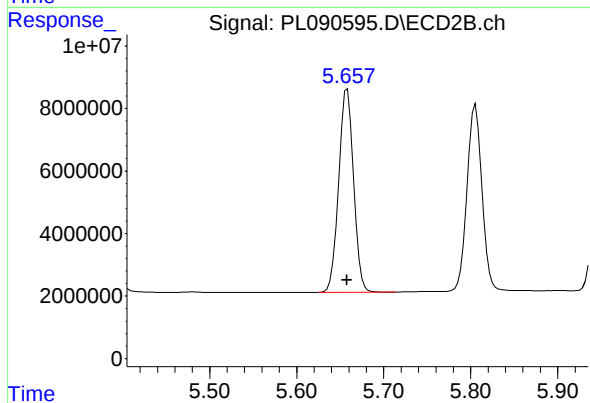
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 90364065
Conc: 46.08 ng/ml



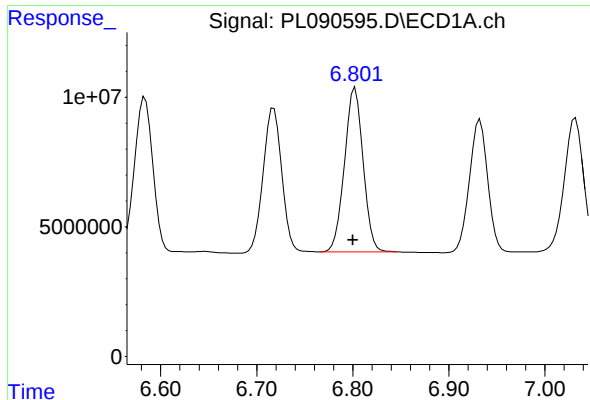
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.002 min
Response: 82498518
Conc: 44.87 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 77470739
Conc: 45.01 ng/ml



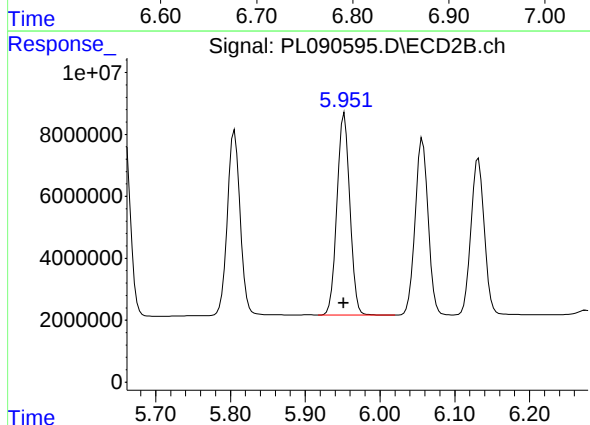
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 84628756
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

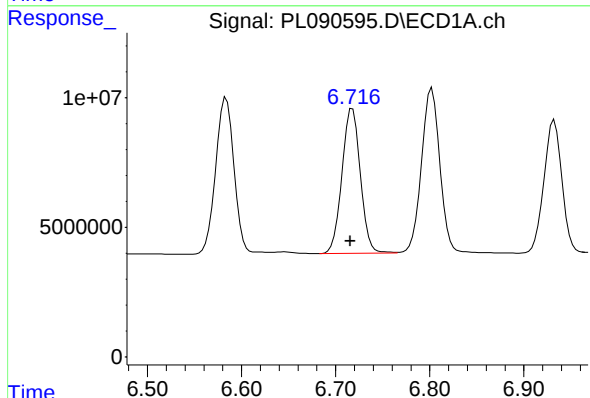
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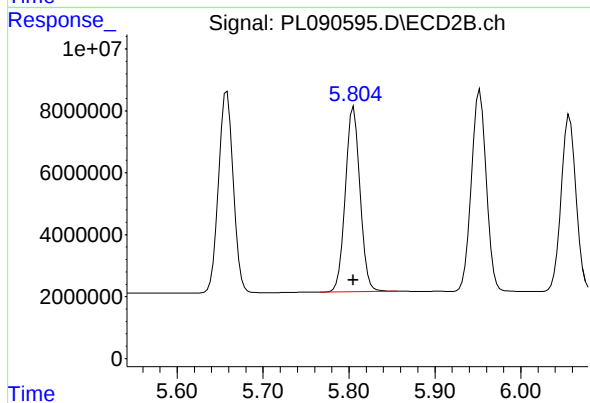
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 78430984
Conc: 45.91 ng/ml



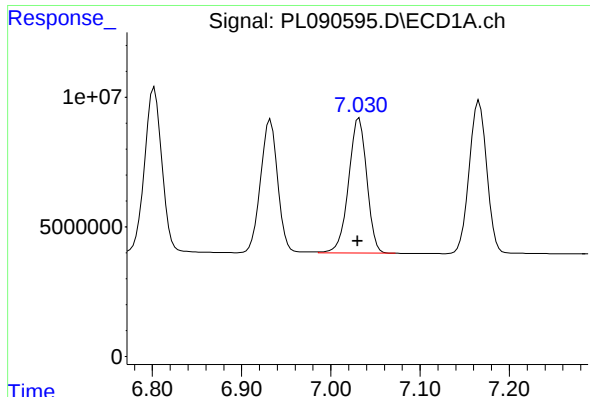
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 75872432
Conc: 44.94 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 70670422
Conc: 47.17 ng/ml



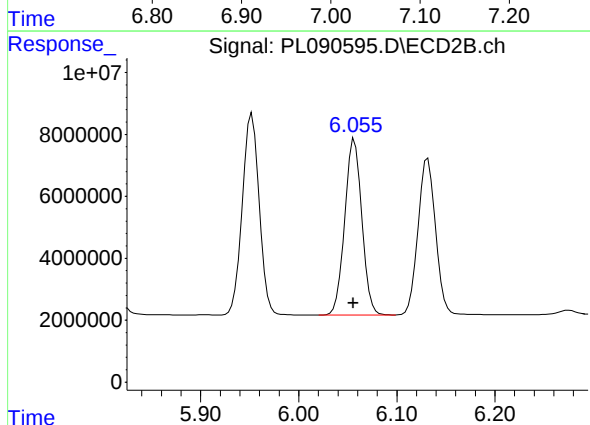
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 74168288
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

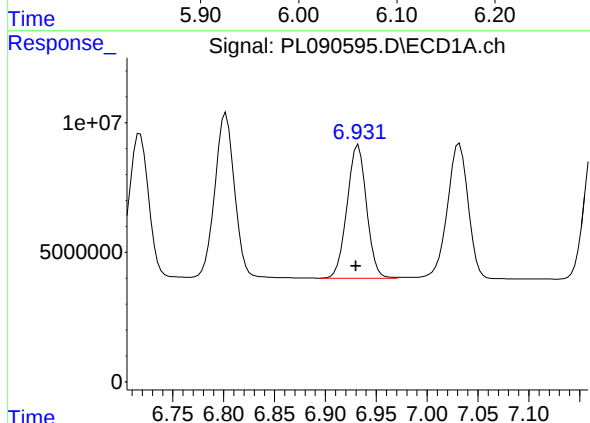
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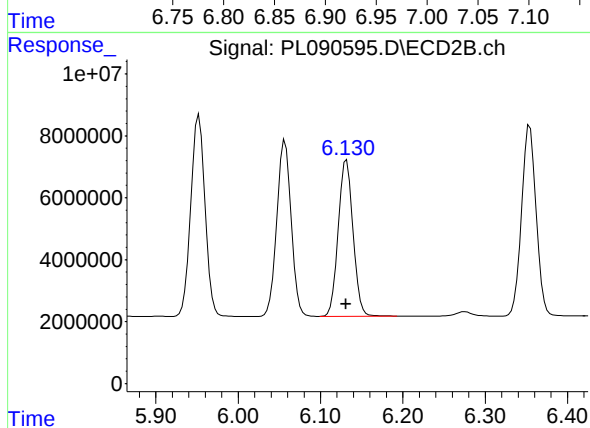
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 68945718
Conc: 47.06 ng/ml



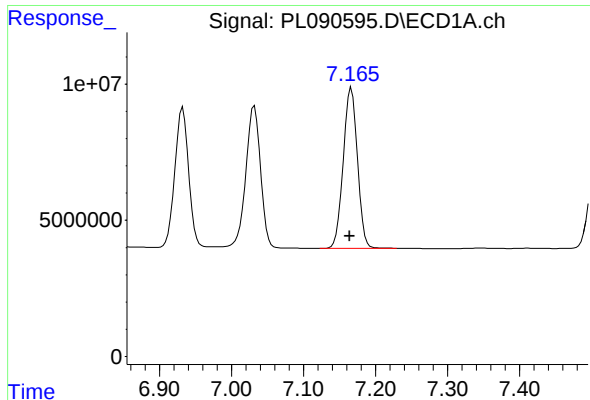
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 68503844
Conc: 46.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 62926422
Conc: 48.16 ng/ml



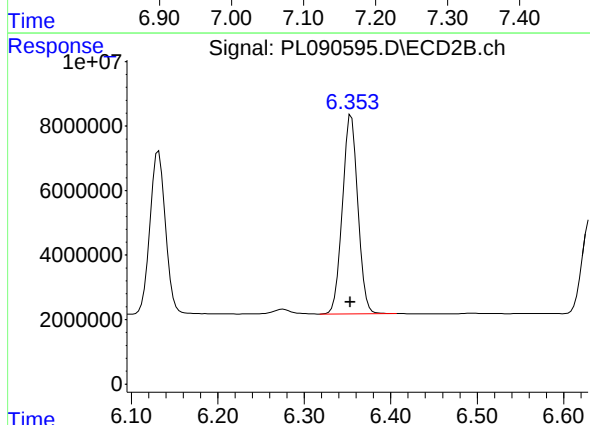
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 80623953
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

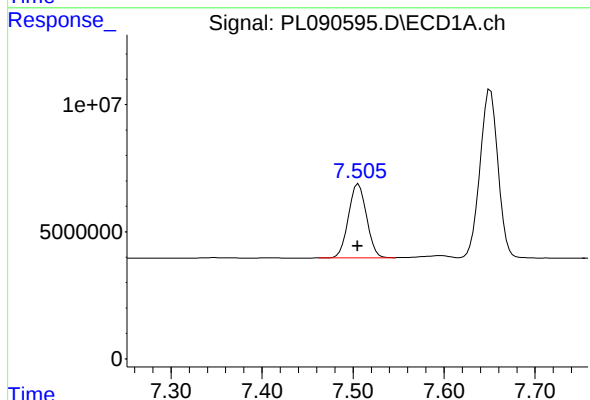
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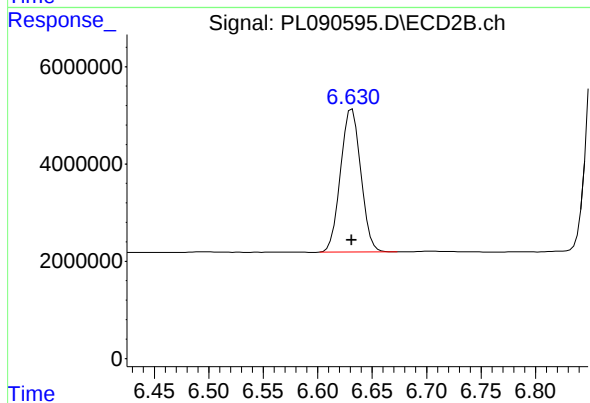
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 75879839
Conc: 47.06 ng/ml



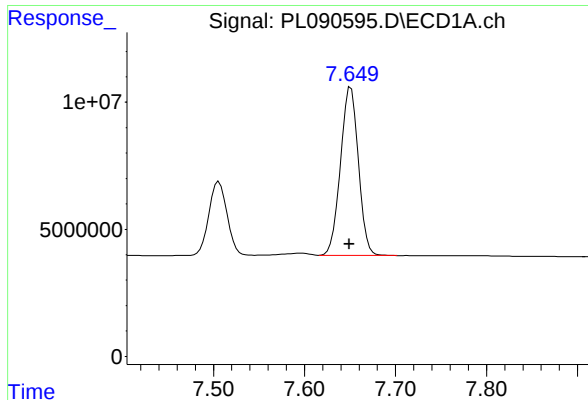
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 40643511
Conc: 46.03 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 38049480
Conc: 47.06 ng/ml



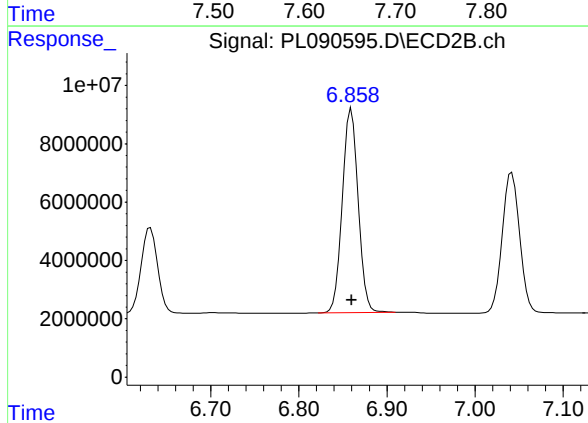
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 90862915
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

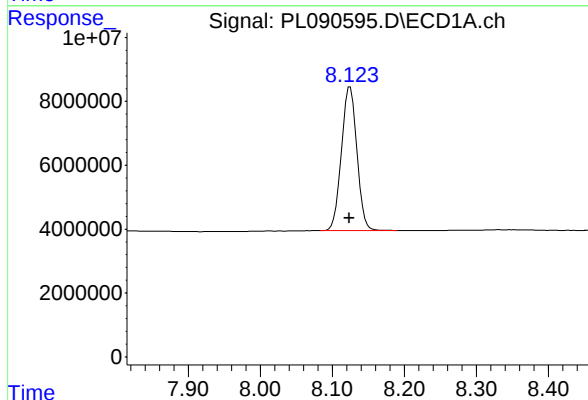
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2024
Supervised By :Ankita Jodhani 07/22/2024



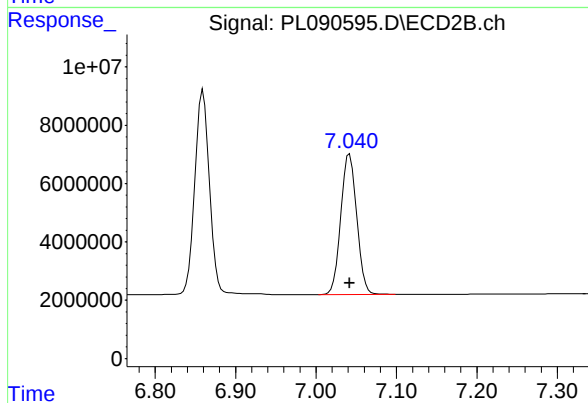
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 87497713
Conc: 47.88 ng/ml



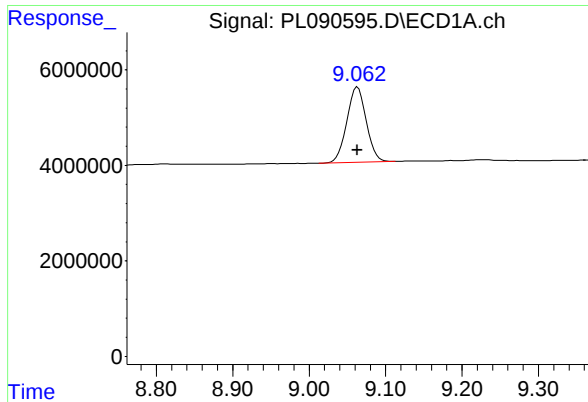
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.001 min
Response: 66922086
Conc: 47.25 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 66564076
Conc: 44.78 ng/ml



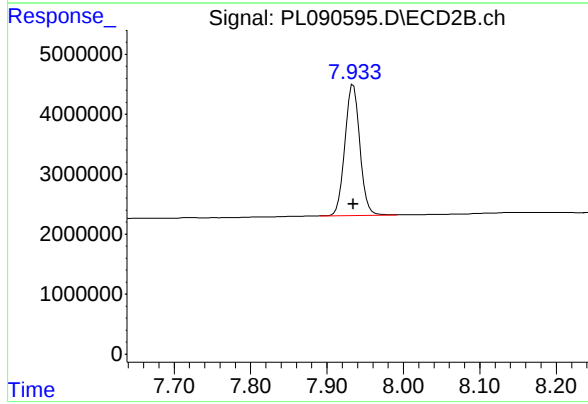
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 28059881
Conc: 21.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 29918996
Conc: 20.52 ng/ml