

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 17:55
 Operator : AR\AJ
 Sample : 02719-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-04_0-2_20230509MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:23:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.317	2.641	40633789	36348679	15.212m	15.690
28)	SA Decachlor...	8.734	7.748	18961760	37095509	9.932	16.252m#
Target Compounds							
2)	A alpha-BHC	3.768	3.139	178.1E6	155.9E6	44.751	45.814
3)	MA gamma-BHC...	4.095	3.466	175.4E6	161.3E6	46.905m	50.180
4)	MA Heptachlor	4.673	3.797	158.1E6	150.8E6	43.281m	44.053
5)	MB Aldrin	5.011	4.073	158.8E6	149.5E6	48.142	47.468
6)	B beta-BHC	4.300	3.765	74409414	59336430	43.629	43.489
7)	B delta-BHC	4.541	3.991	163.7E6	143.7E6	45.495	46.839
8)	B Heptachlo...	5.437	4.574	144.1E6	130.0E6	47.245	45.129
9)	A Endosulfan I	5.818	4.942	123.5E6	106.1E6	44.542	39.730
10)	B gamma-Chl...	5.691	4.823	197.3E6	199.6E6	65.603m	68.792
11)	B alpha-Chl...	5.770	4.886	203.6E6	181.7E6	68.211	62.605
12)	B 4,4'-DDE	5.949	5.077	301.1E6	316.5E6	118.429	137.665
13)	MA Dieldrin	6.092	5.206	324.0E6	332.2E6	117.424	123.018
14)	MA Endrin	6.319	5.485	99717952	218.4E6	41.128	89.282 #
15)	B Endosulfa...	6.542	5.777	93747317	121.6E6	38.507	53.933 #
16)	A 4,4'-DDD	6.463	5.632	113.9E6	106.9E6	56.169	57.178
17)	MA 4,4'-DDT	6.775	5.879	725.6E6	743.1E6	317.172	351.771
18)	B Endrin al...	6.670	5.957	89305110	99482201	47.398m	53.160
19)	B Endosulfa...	6.904	6.179	124.0E6	113.3E6	52.299	48.142
20)	A Methoxychlor	7.256	6.456	43742567	40520656	35.845	33.437m
21)	B Endrin ke...	7.385	6.683	105.0E6	112.9E6	43.839	44.465
22)	Mirex	7.849	6.853	81778183	110.1E6	41.802	47.782m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
Data File : PL082621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 17:55
Operator : AR\AJ
Sample : 02719-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

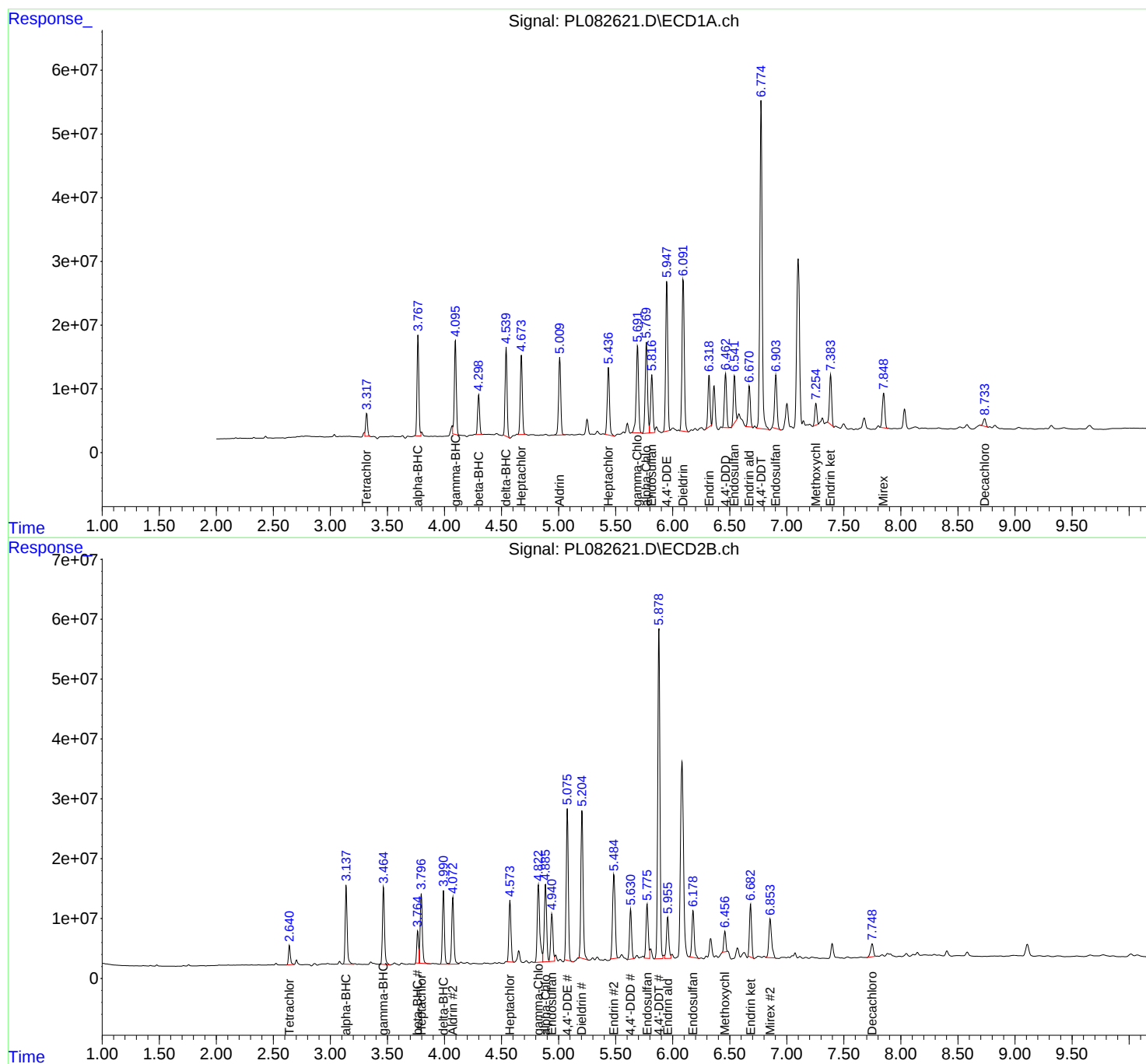
Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

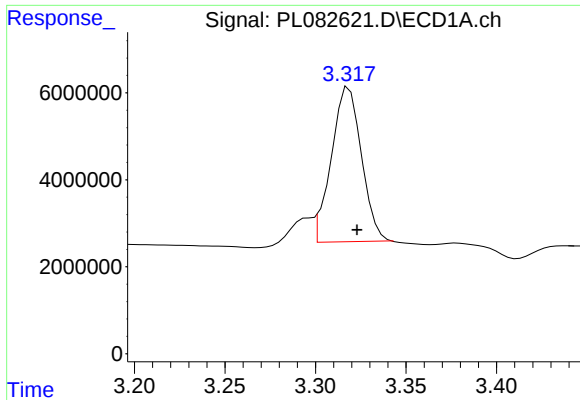
Manual Integrations
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Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:23:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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





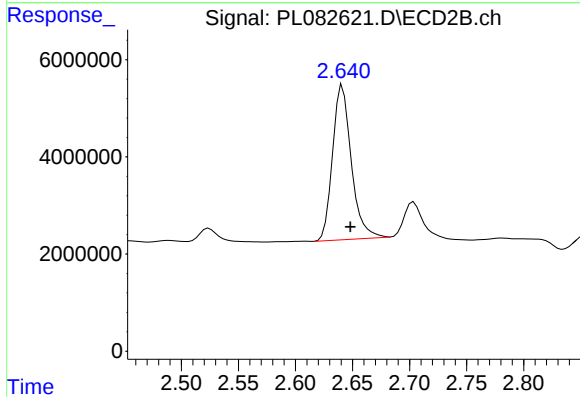
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 40633789
Conc: 15.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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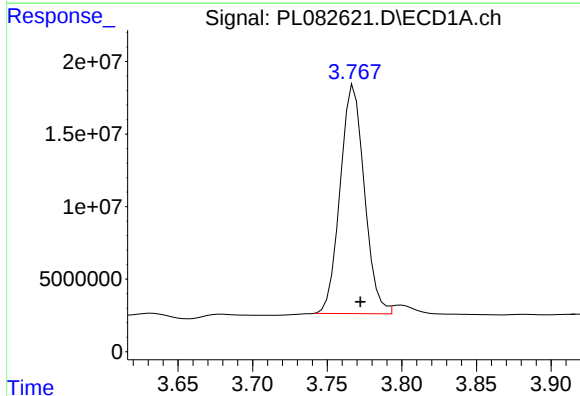
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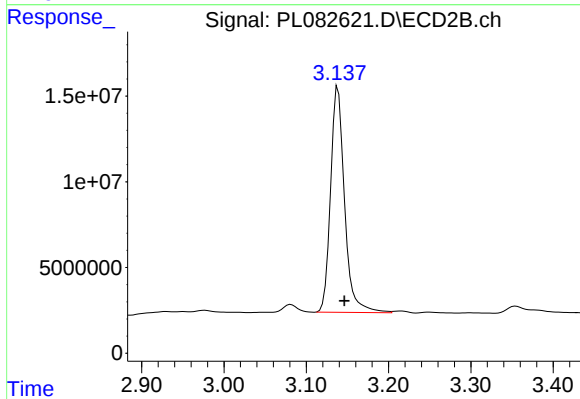
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 36348679
Conc: 15.69 ng/ml



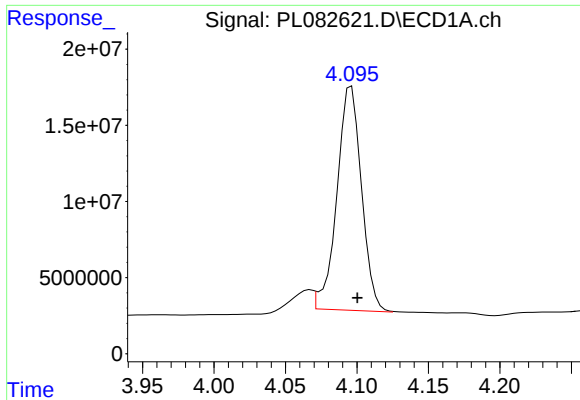
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 178121242
Conc: 44.75 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.008 min
Response: 155926450
Conc: 45.81 ng/ml



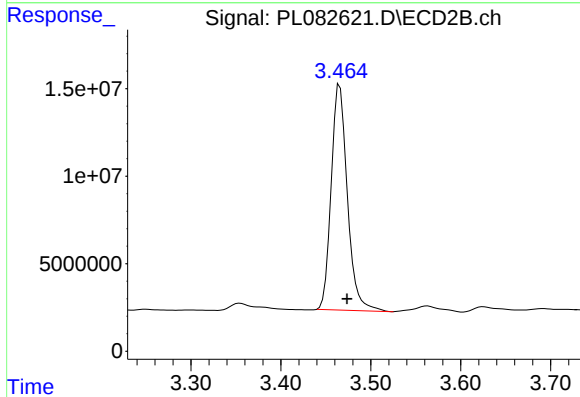
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: -0.006 min
Response: 175376244
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

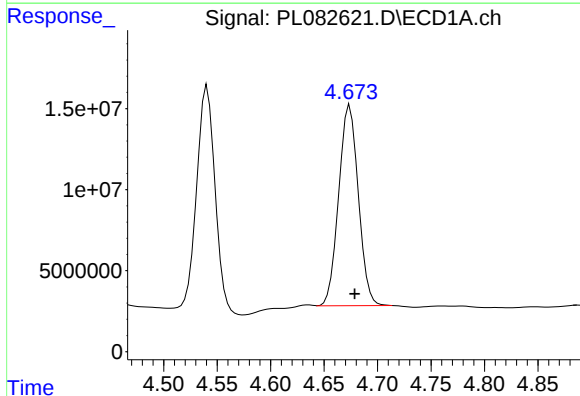
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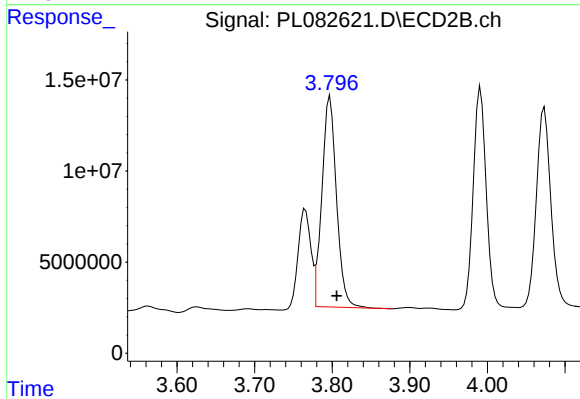
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.008 min
Response: 161342482
Conc: 50.18 ng/ml



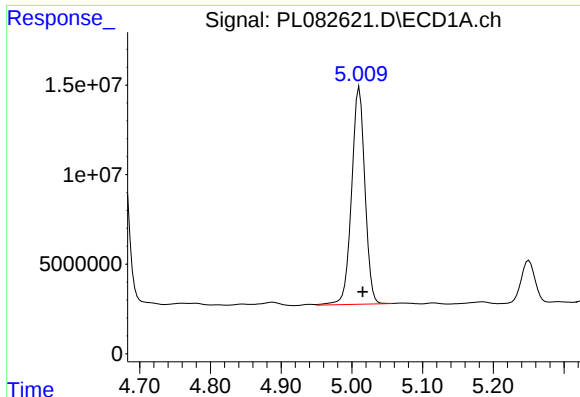
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.006 min
Response: 158144524
Conc: 43.28 ng/ml m



#4 Heptachlor

R.T.: 3.797 min
Delta R.T.: -0.009 min
Response: 150805050
Conc: 44.05 ng/ml



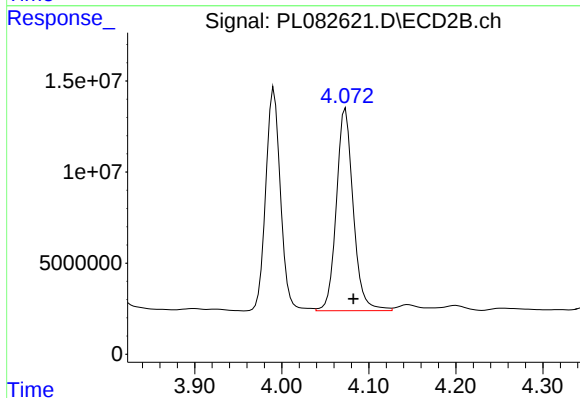
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 158752107
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

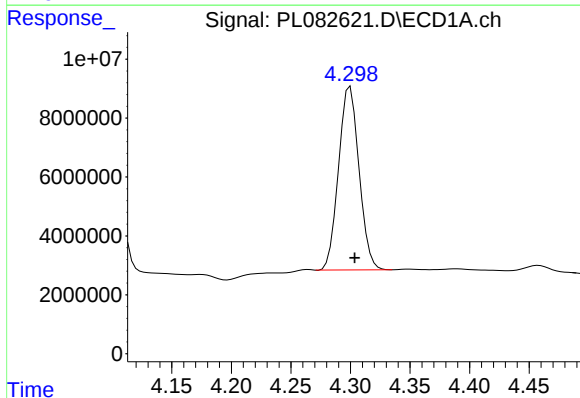
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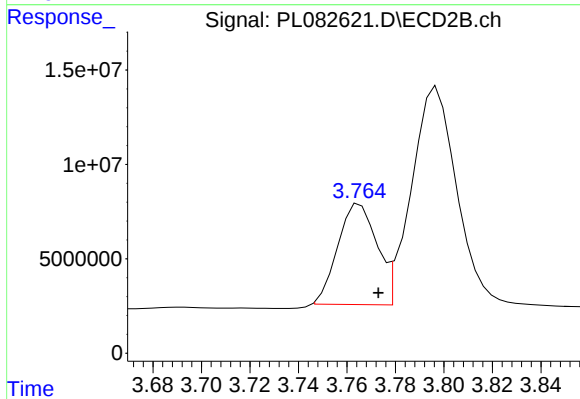
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.009 min
Response: 149518261
Conc: 47.47 ng/ml



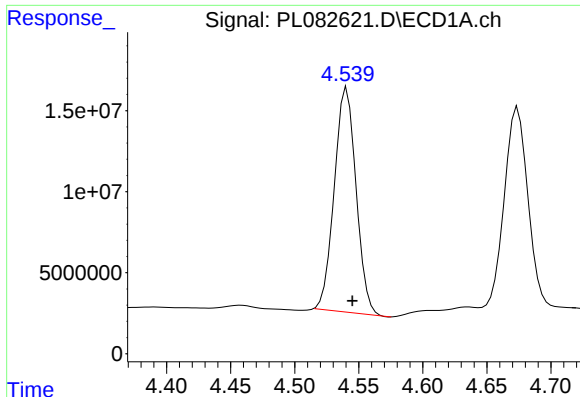
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 74409414
Conc: 43.63 ng/ml



#6 beta-BHC

R.T.: 3.765 min
Delta R.T.: -0.008 min
Response: 59336430
Conc: 43.49 ng/ml



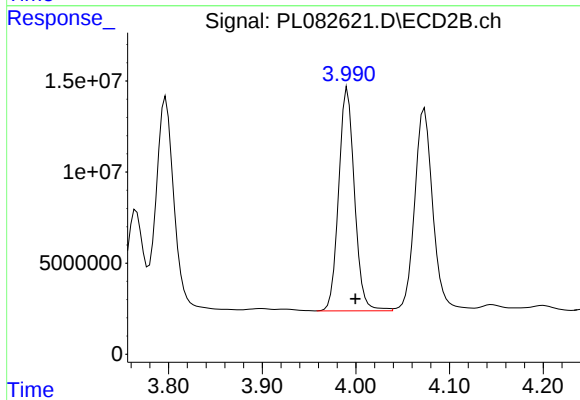
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 163681363
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

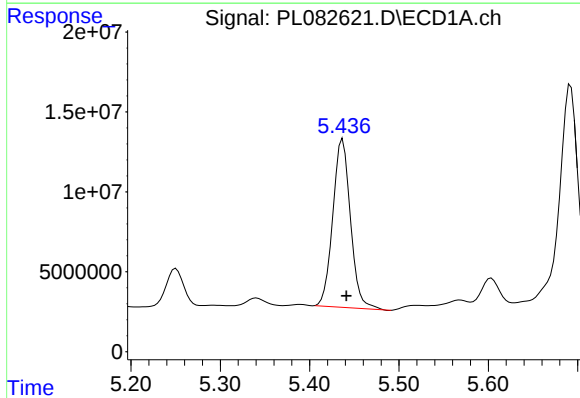
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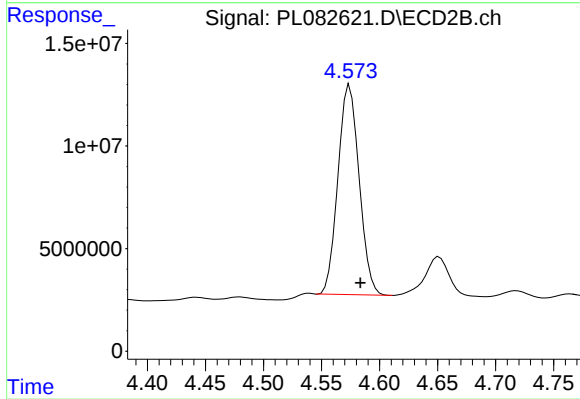
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.008 min
Response: 143674685
Conc: 46.84 ng/ml



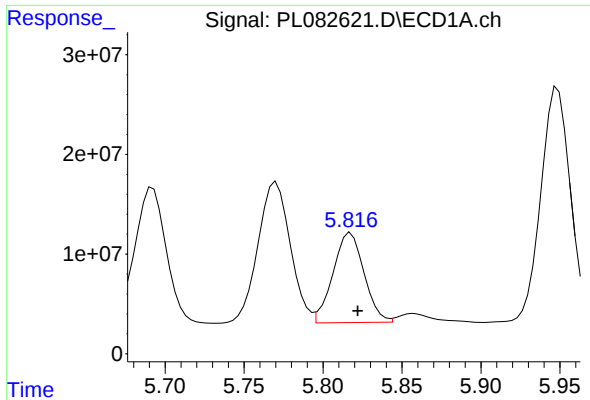
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 144114463
Conc: 47.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.009 min
Response: 130012927
Conc: 45.13 ng/ml



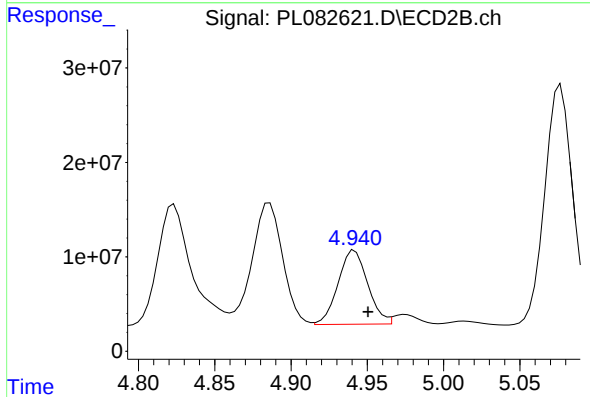
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 123503693
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

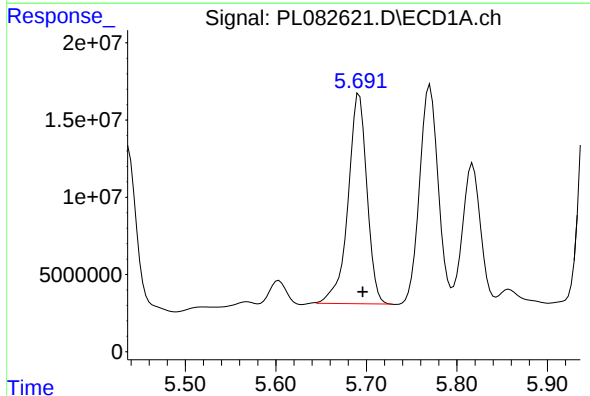
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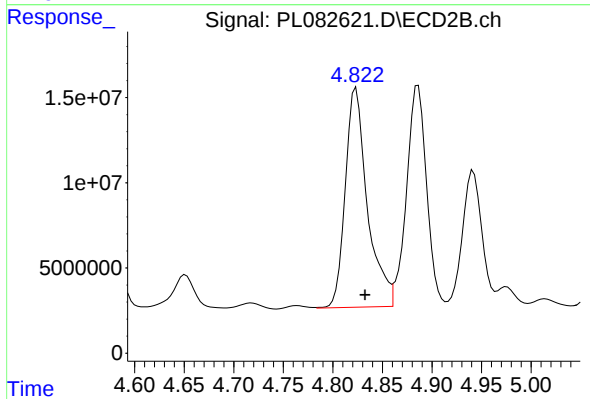
#9 Endosulfan I

R.T.: 4.942 min
Delta R.T.: -0.009 min
Response: 106057104
Conc: 39.73 ng/ml



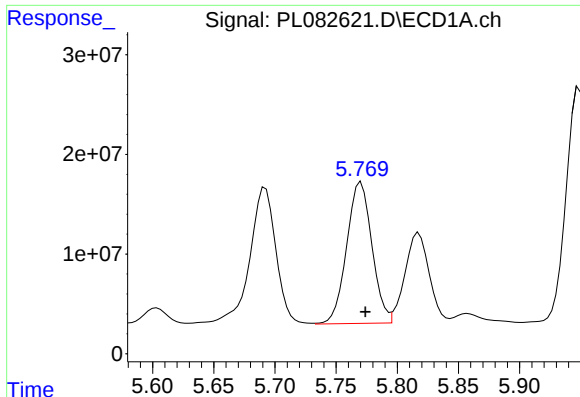
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 197259382
Conc: 65.60 ng/ml m



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: -0.009 min
Response: 199623735
Conc: 68.79 ng/ml



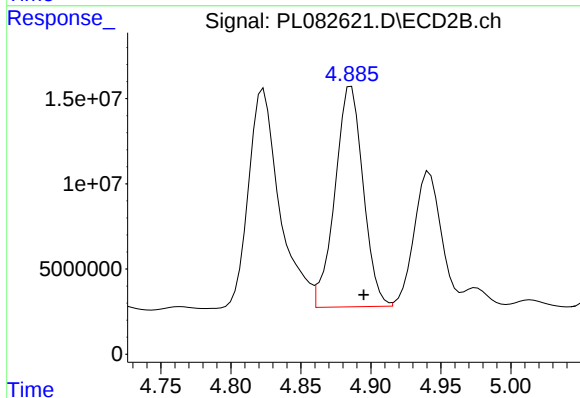
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 203583831
Conc: 68.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

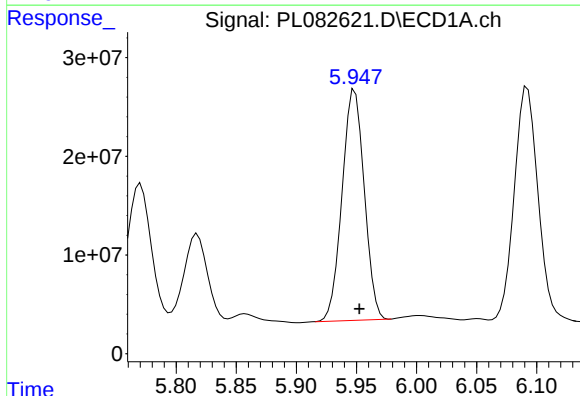
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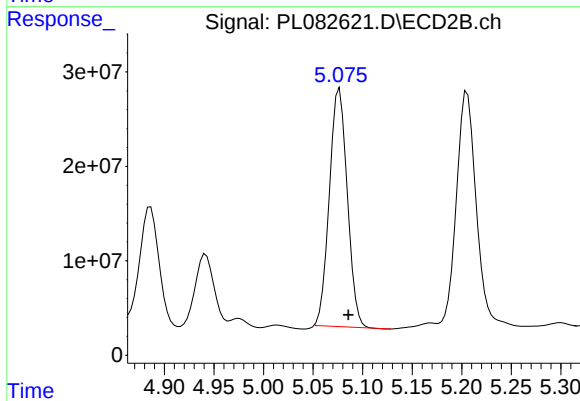
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 181732349
Conc: 62.61 ng/ml



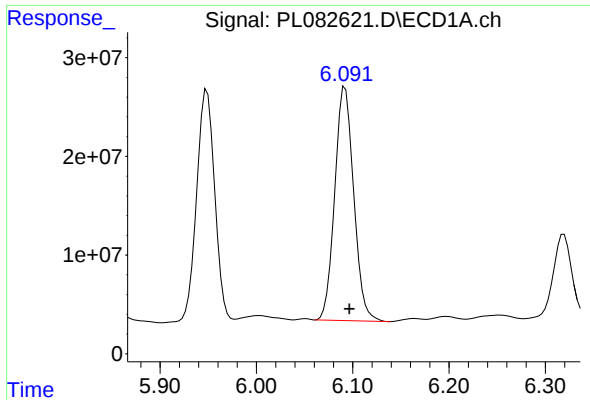
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 301050446
Conc: 118.43 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 316485705
Conc: 137.66 ng/ml



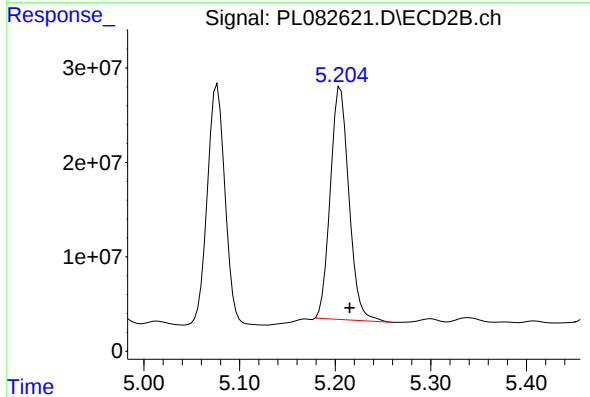
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 323988348
Conc: 117.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

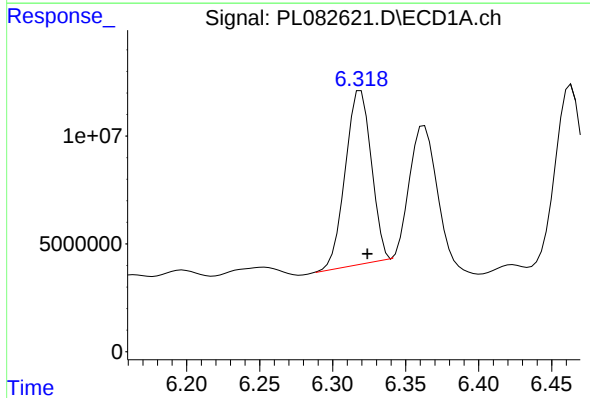
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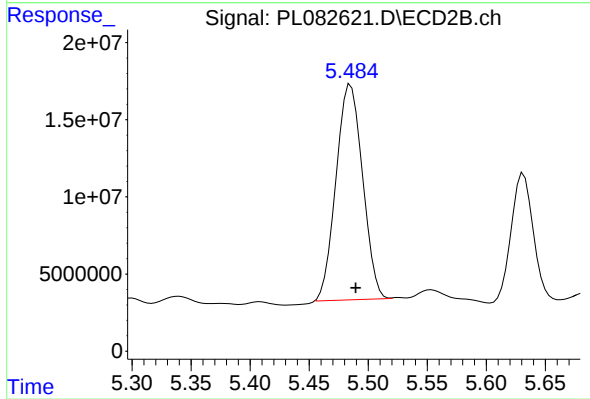
#13 Dieldrin

R.T.: 5.206 min
Delta R.T.: -0.010 min
Response: 332195401
Conc: 123.02 ng/ml



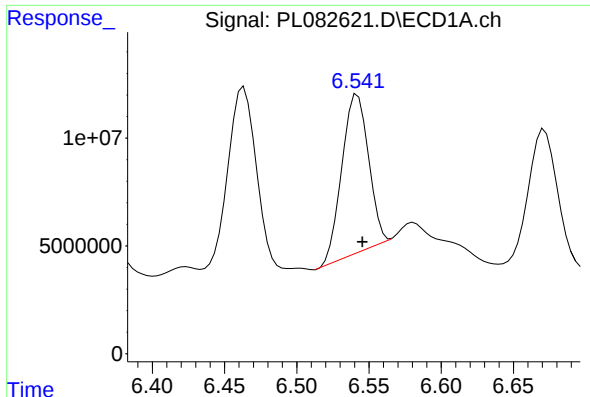
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 99717952
Conc: 41.13 ng/ml



#14 Endrin

R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 218379944
Conc: 89.28 ng/ml



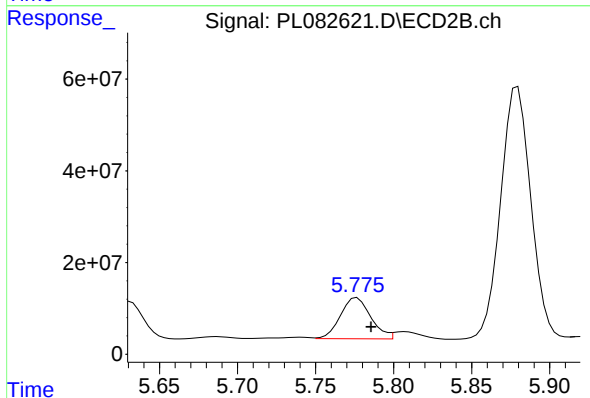
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 93747317
Conc: 38.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

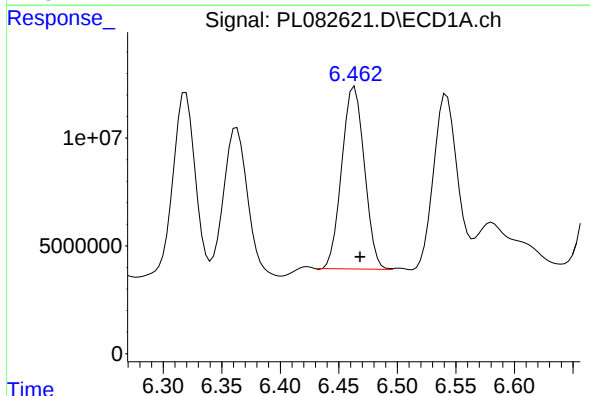
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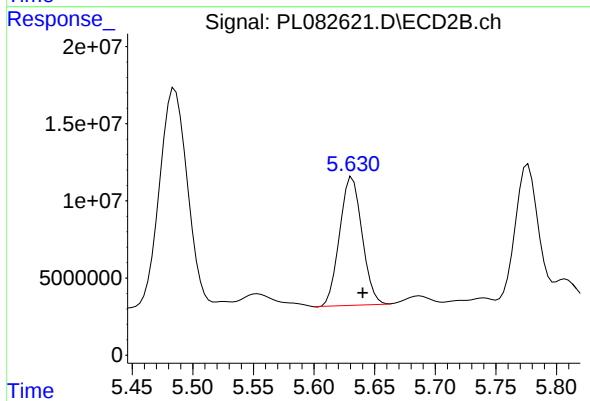
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 121570506
Conc: 53.93 ng/ml



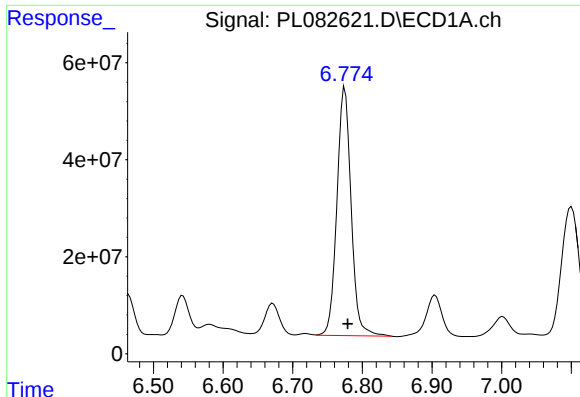
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 113865324
Conc: 56.17 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: -0.009 min
Response: 106946287
Conc: 57.18 ng/ml



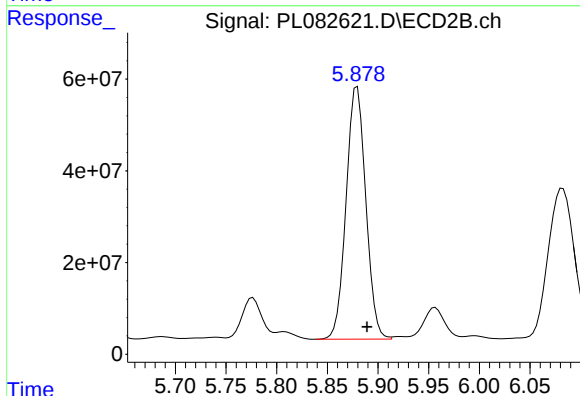
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 725599054
Conc: 317.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

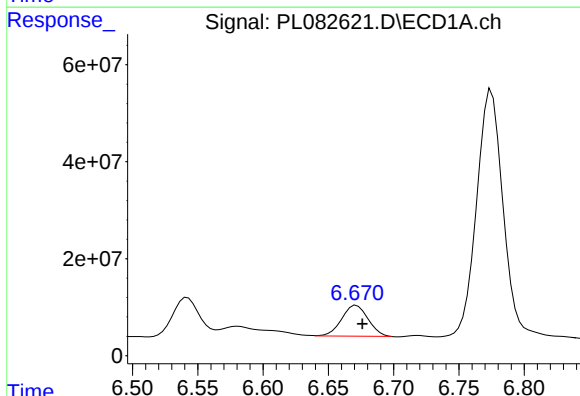
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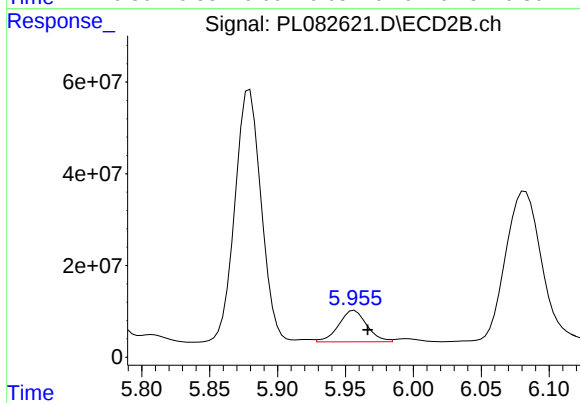
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 743149153
Conc: 351.77 ng/ml



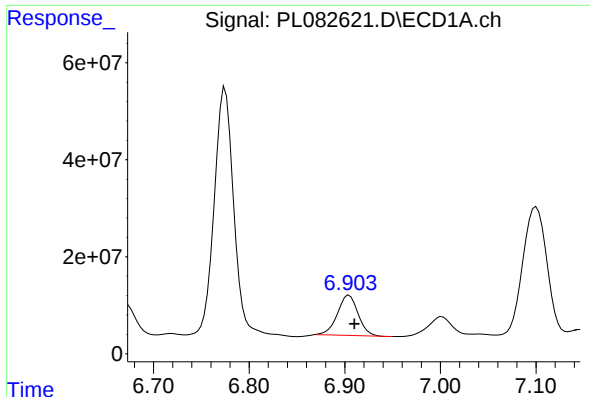
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 89305110
Conc: 47.40 ng/ml m



#18 Endrin aldehyde

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 99482201
Conc: 53.16 ng/ml



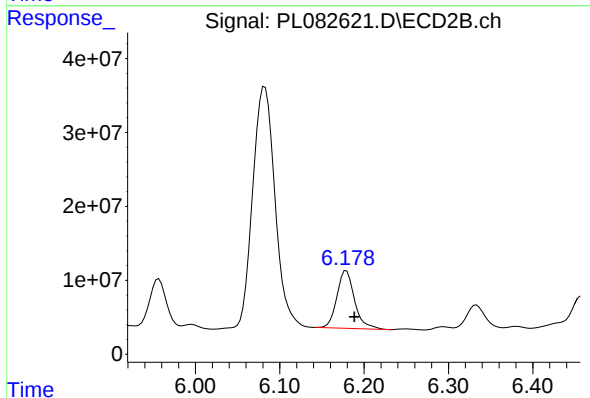
#19 Endosulfan Sulfate

R.T.: 6.904 min
Delta R.T.: -0.006 min
Response: 124029910
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

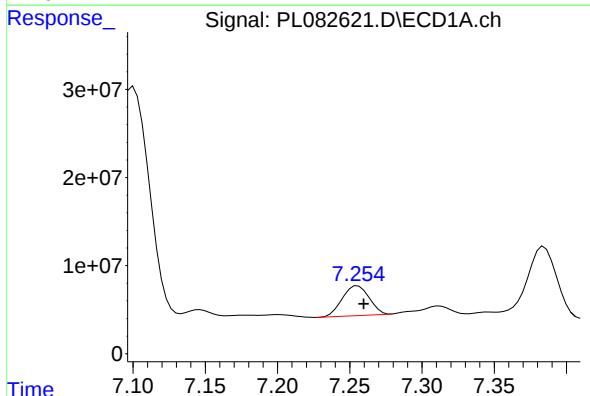
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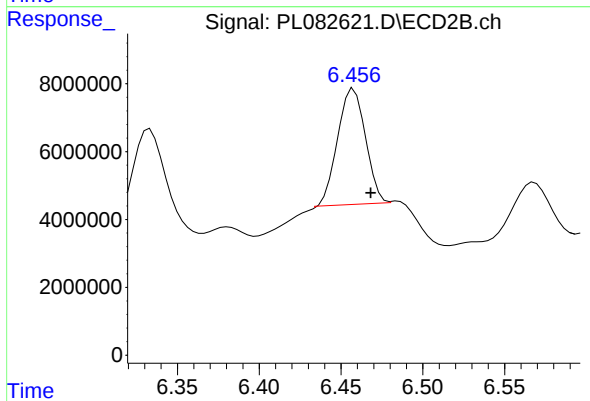
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 113339775
Conc: 48.14 ng/ml



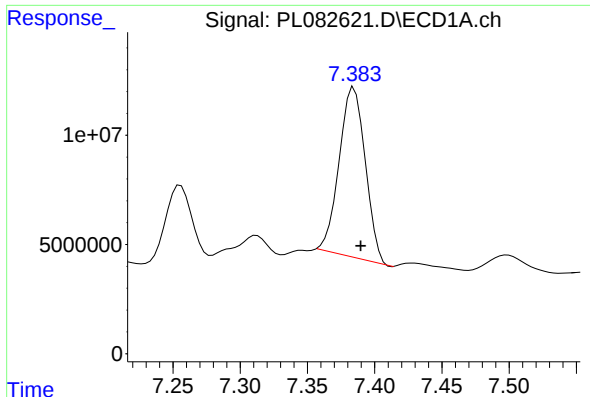
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 43742567
Conc: 35.84 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 40520656
Conc: 33.44 ng/ml m



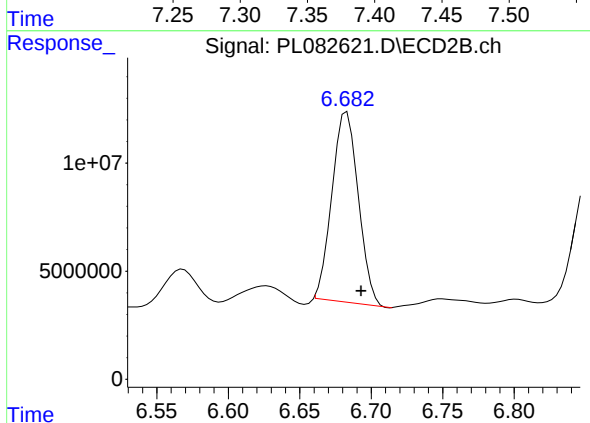
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 104968737
Conc: 43.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

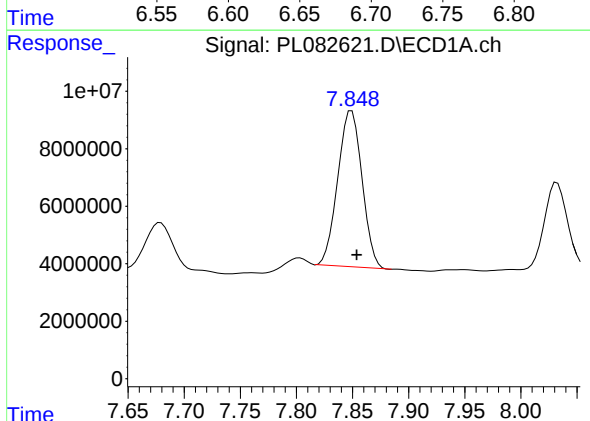
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



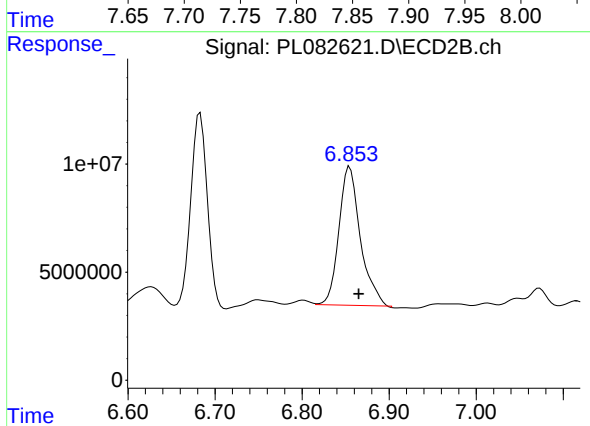
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 112859350
Conc: 44.46 ng/ml



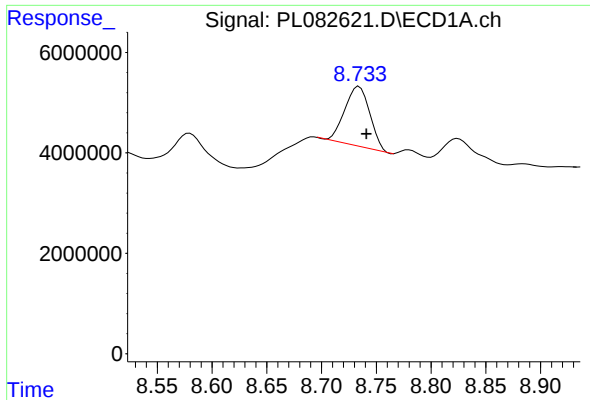
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 81778183
Conc: 41.80 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 110101811
Conc: 47.78 ng/ml m



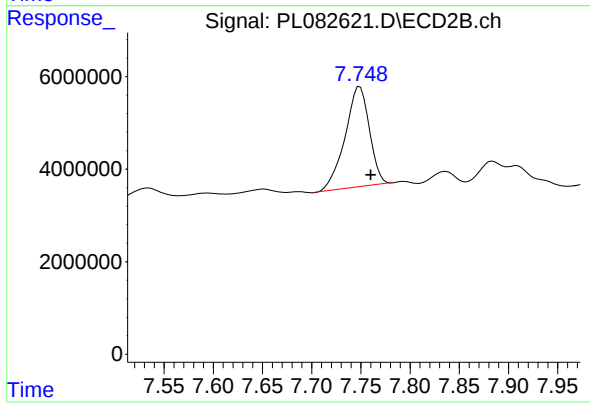
#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.007 min
Response: 18961760
Conc: 9.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 37095509
Conc: 16.25 ng/ml m