

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
 Data File : PL094877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 16:09
 Operator : AR\AJ
 Sample : Q1636-17MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/27/2025
 Supervised By : mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 02:05:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.769	55663550	70334085	19.664m	19.705
28)	SA Decachlor...	9.051	7.901	36098499	65813258	17.129	16.293
Target Compounds							
2)	A alpha-BHC	3.991	3.270	166.3E6	248.2E6	40.043	46.037m
3)	MA gamma-BHC...	4.324	3.601	162.1E6	233.1E6	40.621	45.347
4)	MA Heptachlor	4.912	3.939	157.5E6	235.3E6	40.584	44.665
5)	MB Aldrin	5.253	4.218	151.3E6	219.9E6	40.982	45.093
6)	B beta-BHC	4.523	3.901	76846303	103.4E6	41.646	46.550
7)	B delta-BHC	4.770	4.130	127.3E6	165.7E6	32.693	33.131
8)	B Heptachlo...	5.680	4.720	140.3E6	209.2E6	41.931	45.696
9)	A Endosulfan I	6.065	5.090	132.4E6	200.2E6	43.109	45.622
10)	B gamma-Chl...	5.936	4.969	141.2E6	219.0E6	41.901	45.361m
11)	B alpha-Chl...	6.015	5.033	140.8E6	218.0E6	42.717	45.682
12)	B 4,4'-DDE	6.189	5.222	139.6E6	222.0E6	47.463	47.763
13)	MA Dieldrin	6.341	5.353	140.0E6	220.5E6	43.779	45.448
14)	MA Endrin	6.569	5.628	121.2E6	204.0E6	43.724m	46.759m
15)	B Endosulfa...	6.790	5.923	120.4E6	198.7E6	44.362m	45.897m
16)	A 4,4'-DDD	6.707	5.777	109.3E6	175.4E6	50.466	48.776
17)	MA 4,4'-DDT	7.021	6.027	112.5E6	196.5E6	47.314	48.731
18)	B Endrin al...	6.921	6.104	93077893	149.2E6	44.092	44.319
19)	B Endosulfa...	7.156	6.327	106.1E6	184.5E6	43.634	45.284
20)	A Methoxychlor	7.497	6.602	59732833	110.0E6	49.899	51.878
21)	B Endrin ke...	7.641	6.830	123.1E6	228.7E6	46.575	47.927m
22)	Mirex	8.113	7.009	89974009	175.8E6	43.544	46.325m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
Data File : PL094877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 16:09
Operator : AR\AJ
Sample : Q1636-17MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

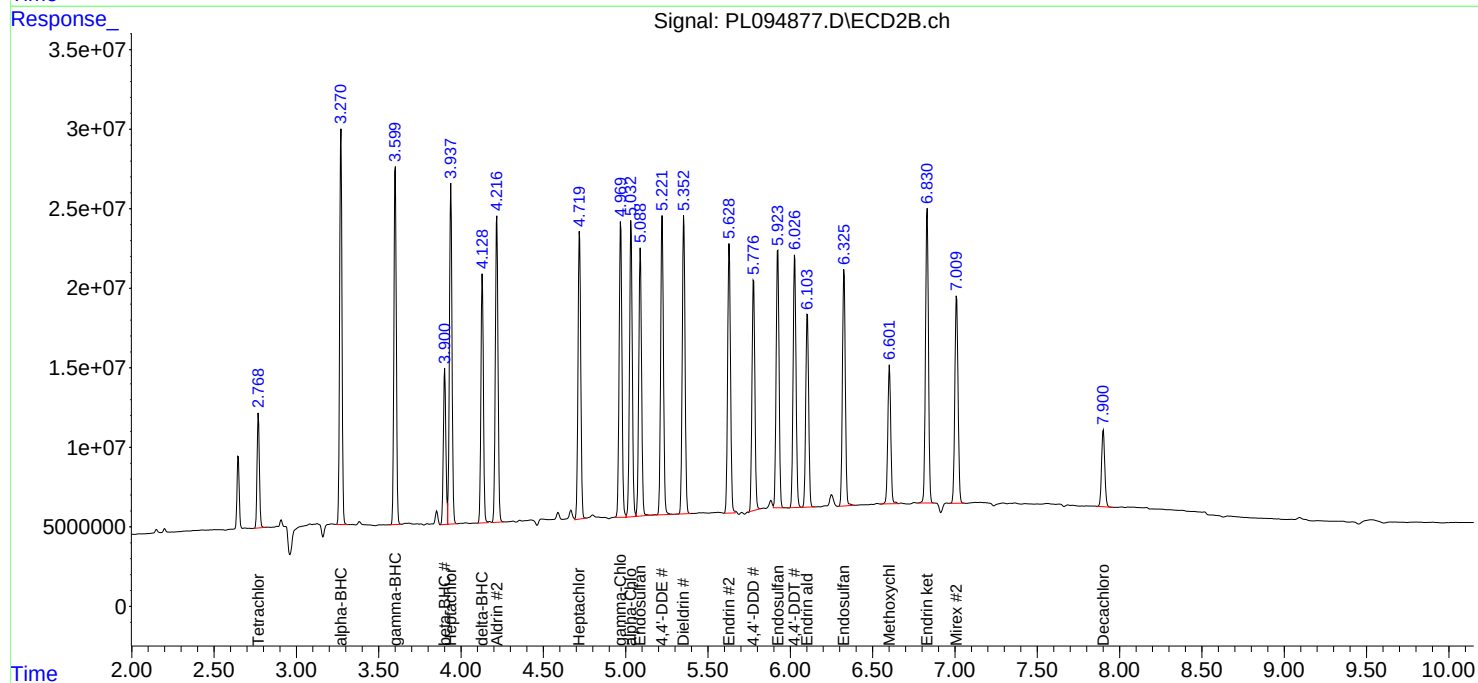
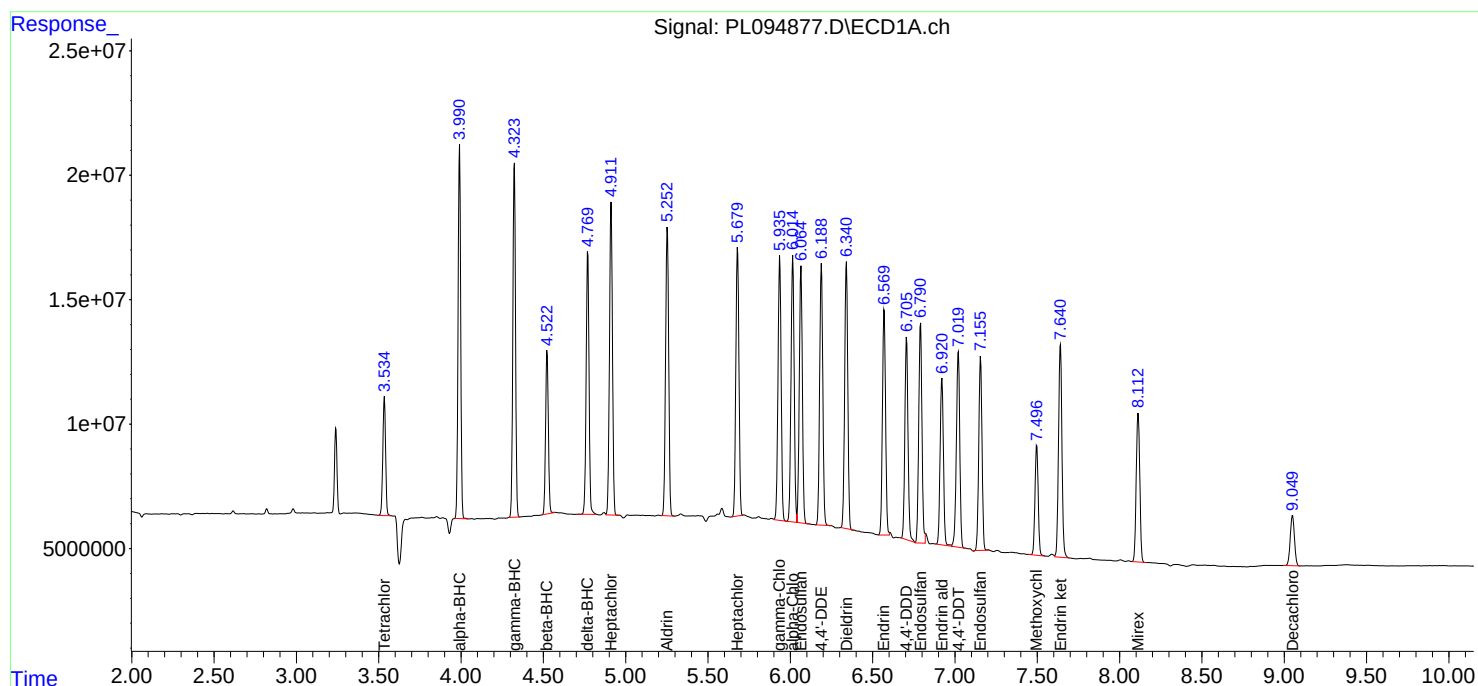
Instrument :
ECD_L
ClientSampleId :
WC-5MSD

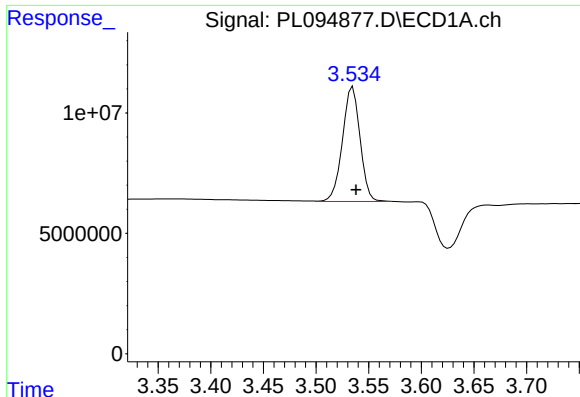
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 02:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





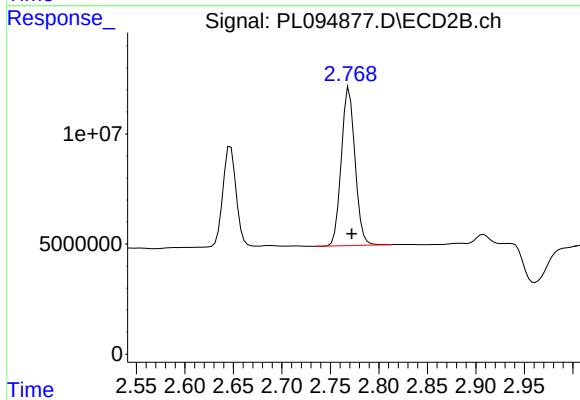
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 55663550
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

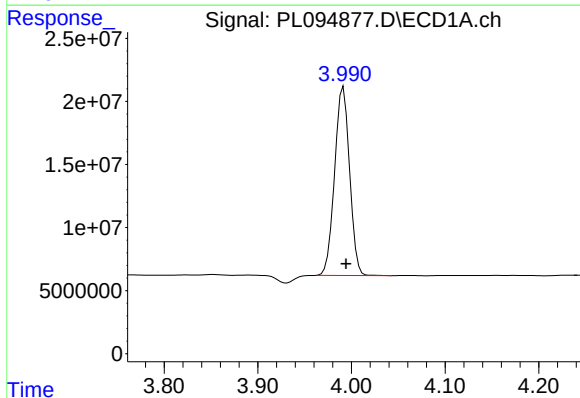
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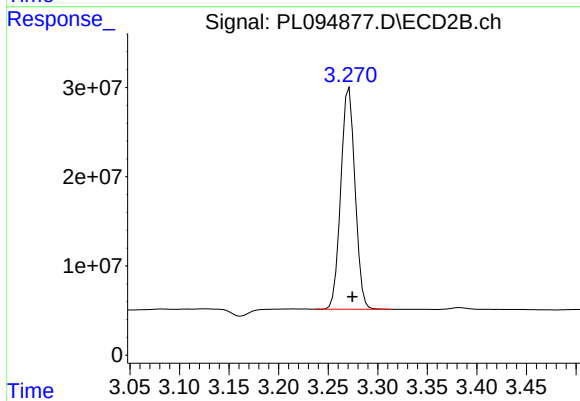
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 70334085
Conc: 19.71 ng/ml



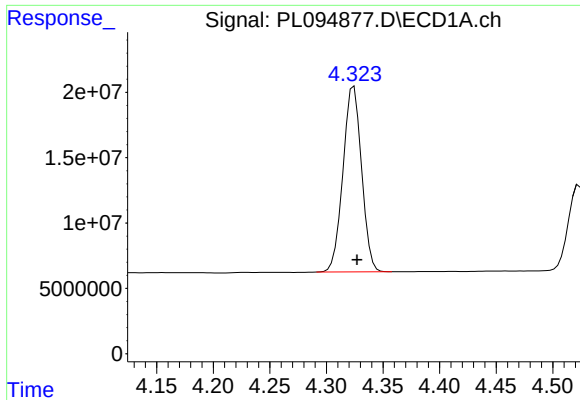
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 166273689
Conc: 40.04 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 248202599
Conc: 46.04 ng/ml m



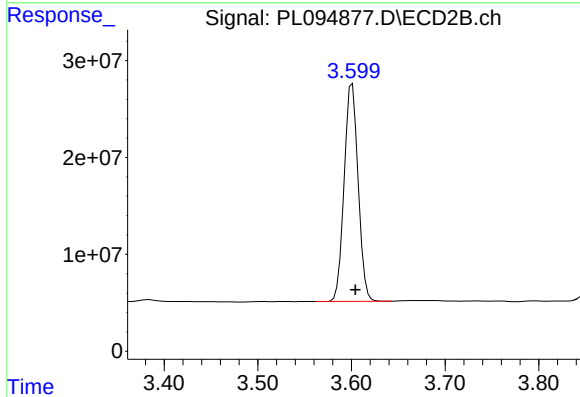
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 162088640
Conc: 40.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

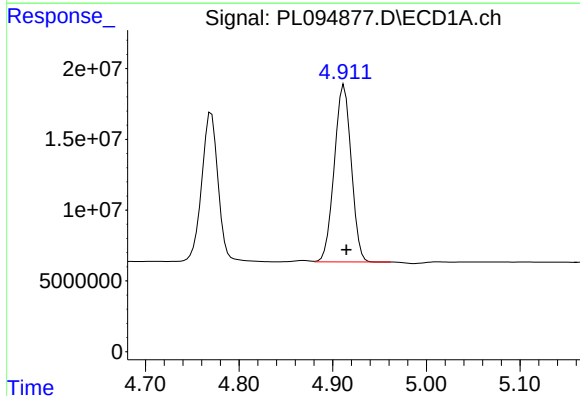
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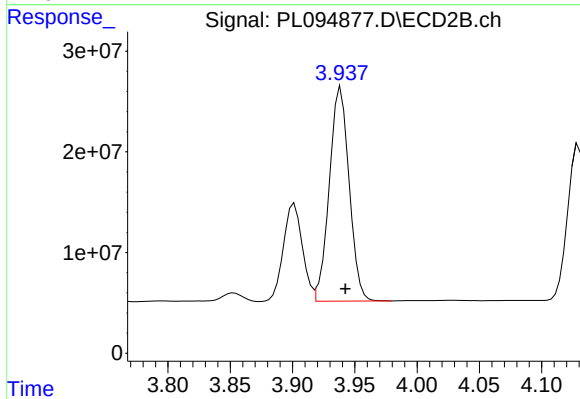
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 233061093
Conc: 45.35 ng/ml



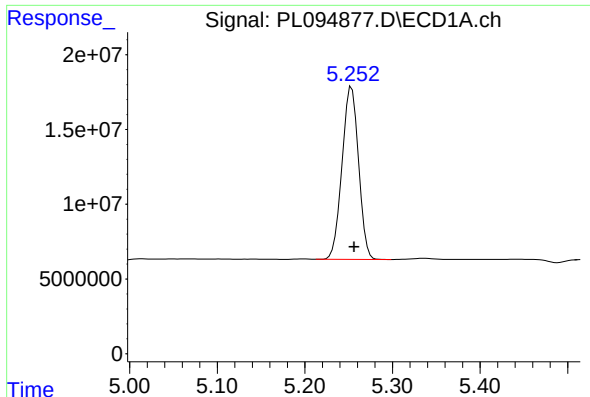
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 157529988
Conc: 40.58 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 235325040
Conc: 44.67 ng/ml



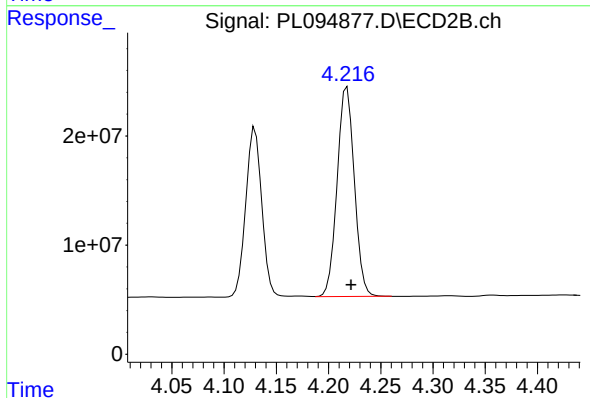
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 151313611
Conc: 40.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

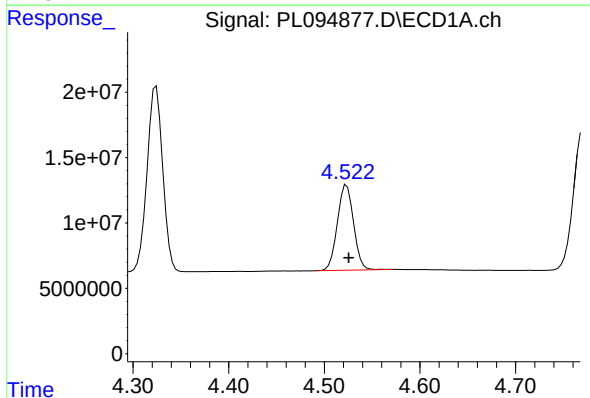
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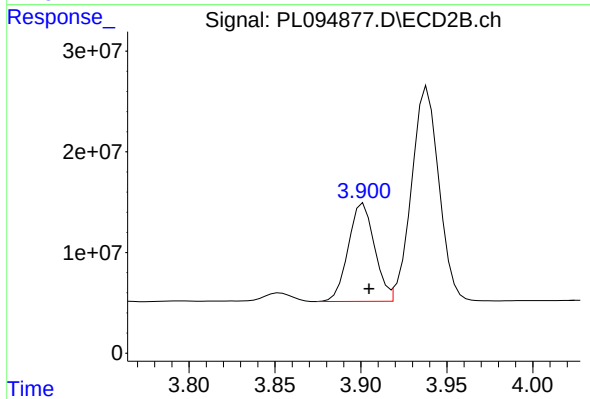
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 219887682
Conc: 45.09 ng/ml



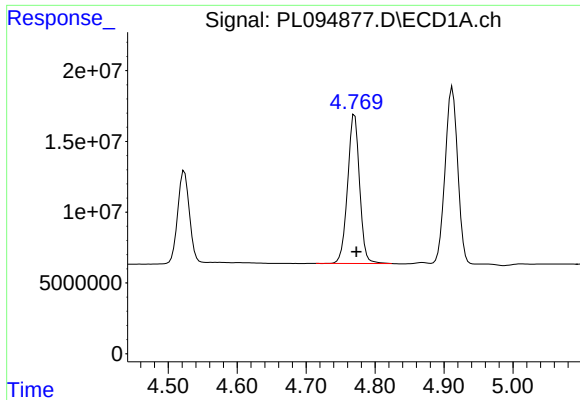
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 76846303
Conc: 41.65 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 103402111
Conc: 46.55 ng/ml



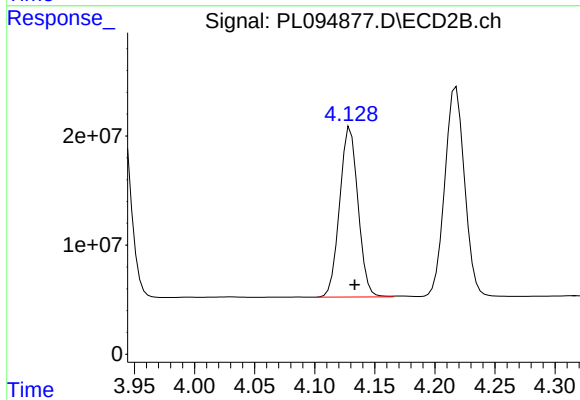
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 127315426
Conc: 32.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

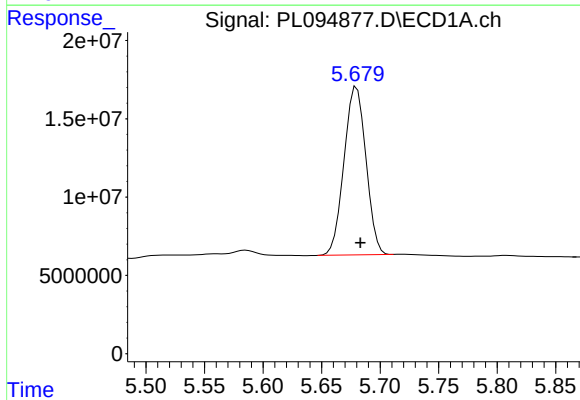
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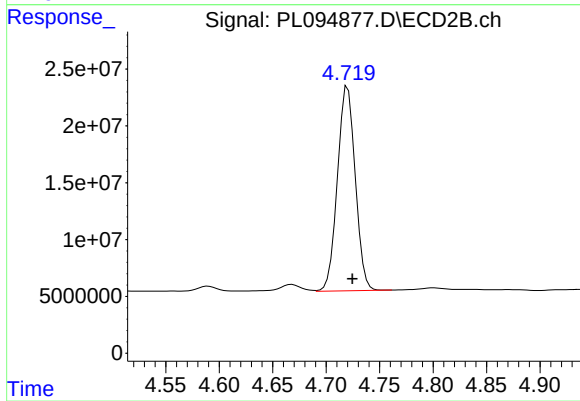
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.004 min
Response: 165718533
Conc: 33.13 ng/ml



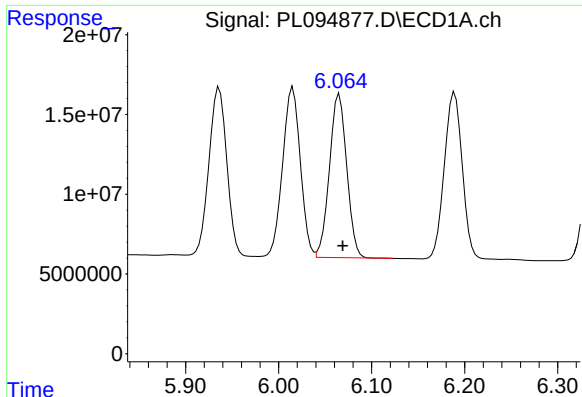
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 140265847
Conc: 41.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 209222797
Conc: 45.70 ng/ml



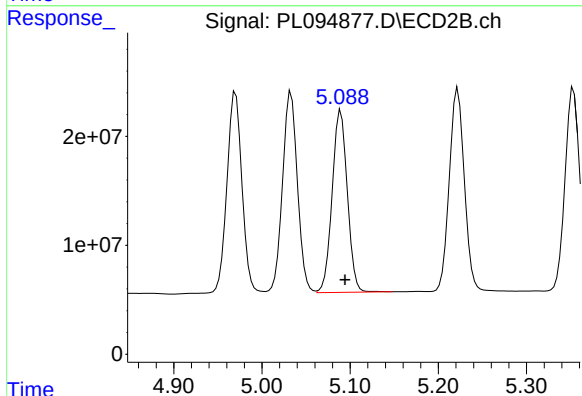
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 132352447
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

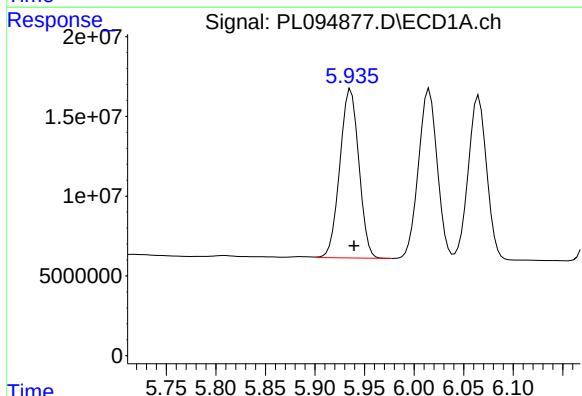
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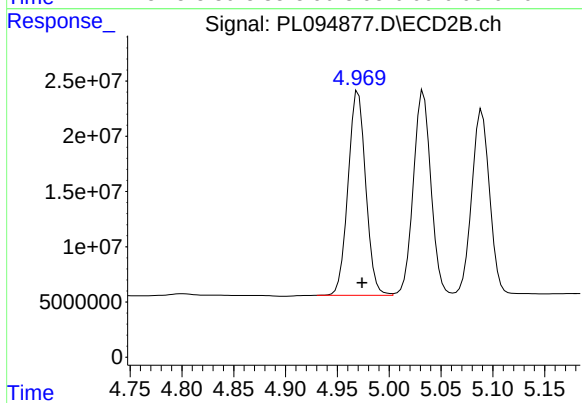
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 200222695
Conc: 45.62 ng/ml



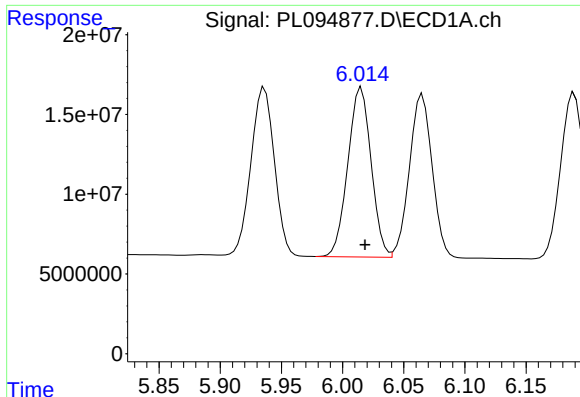
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 141179595
Conc: 41.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 219022829
Conc: 45.36 ng/ml m



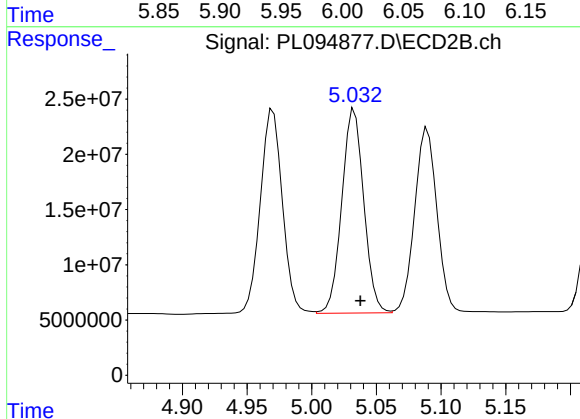
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 140830007
Conc: 42.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

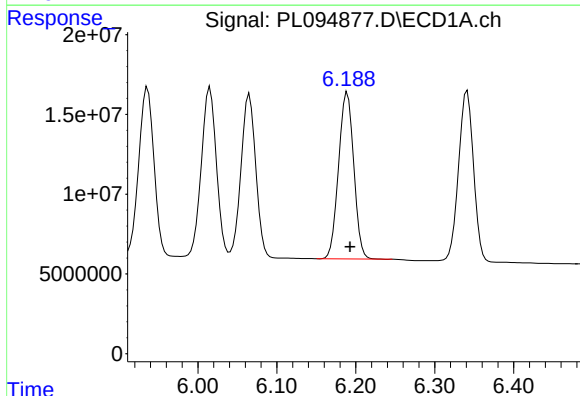
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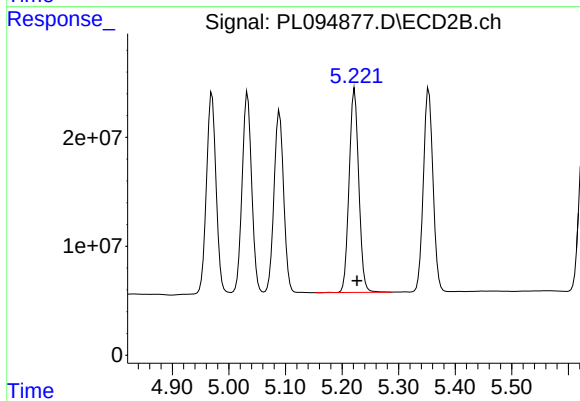
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 218032011
Conc: 45.68 ng/ml



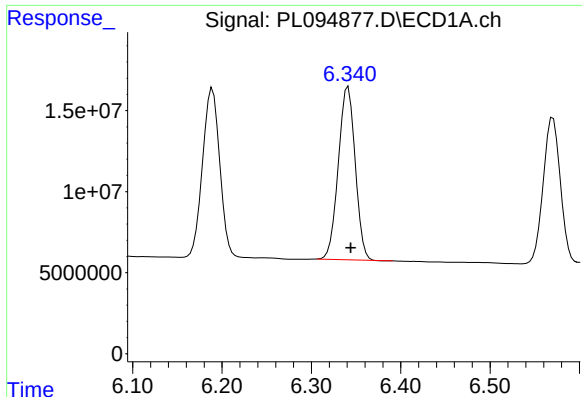
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 139637722
Conc: 47.46 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 222029268
Conc: 47.76 ng/ml



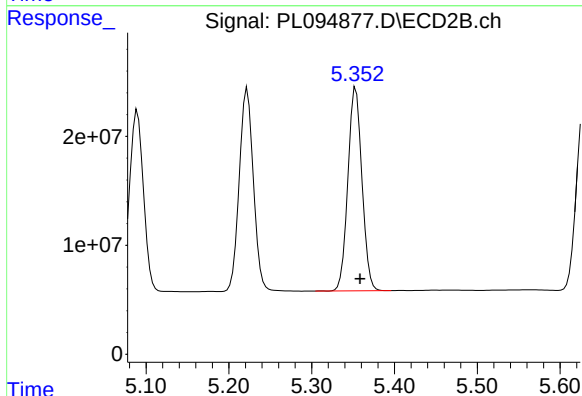
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 140010882
Conc: 43.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

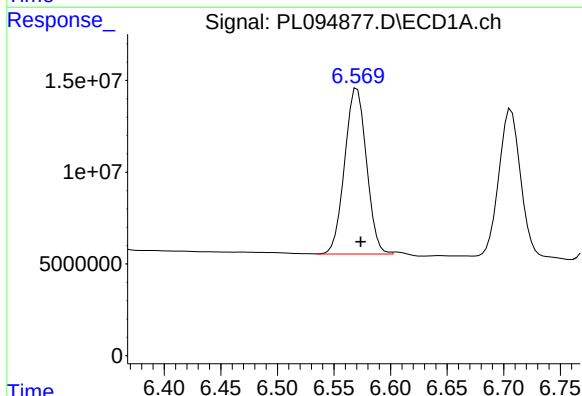
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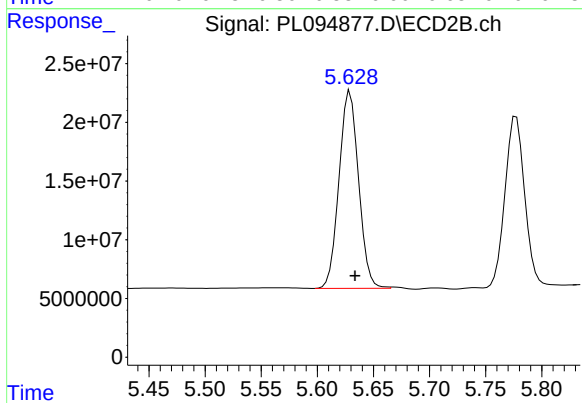
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 220504431
Conc: 45.45 ng/ml



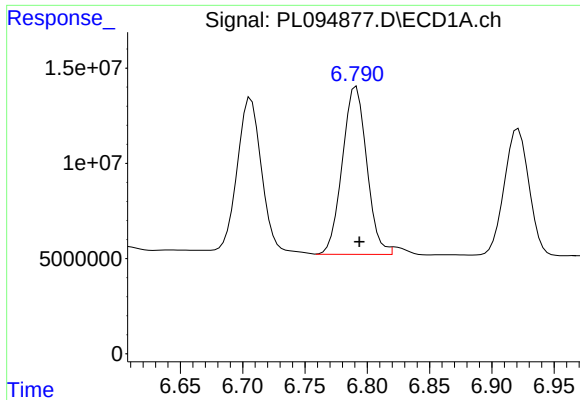
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 121205161
Conc: 43.72 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.006 min
Response: 204041482
Conc: 46.76 ng/ml m



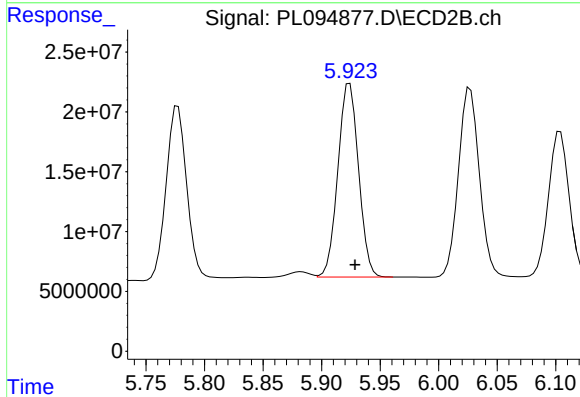
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 120431429
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

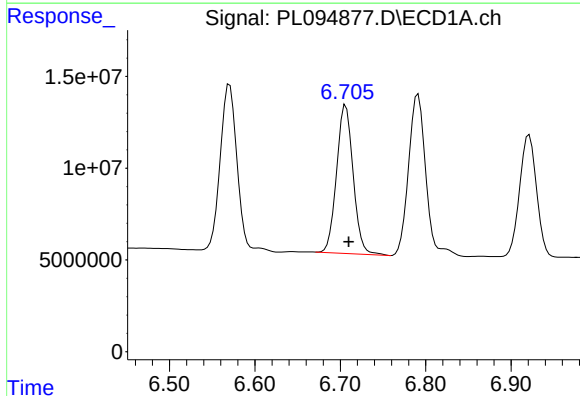
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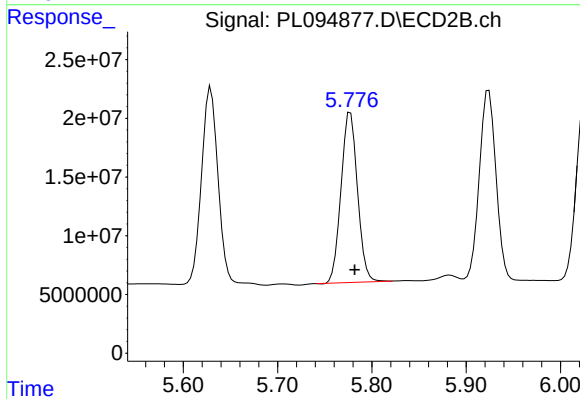
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 198653732
Conc: 45.90 ng/ml m



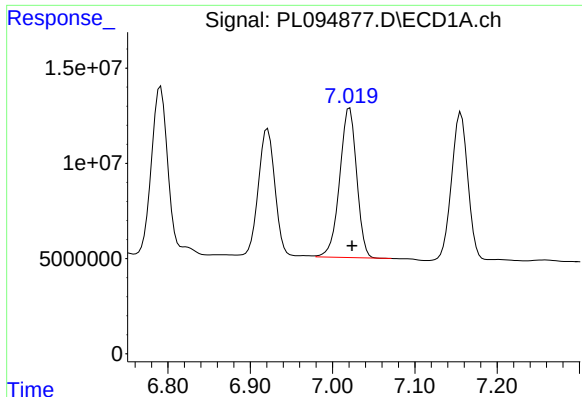
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 109312982
Conc: 50.47 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 175394145
Conc: 48.78 ng/ml



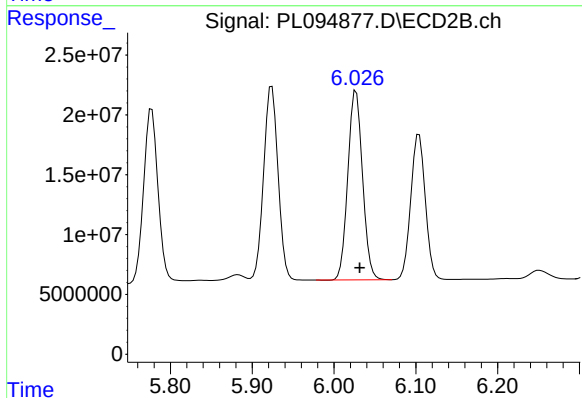
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 112537464
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

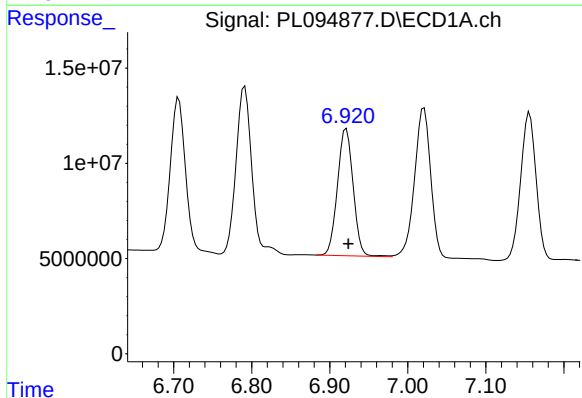
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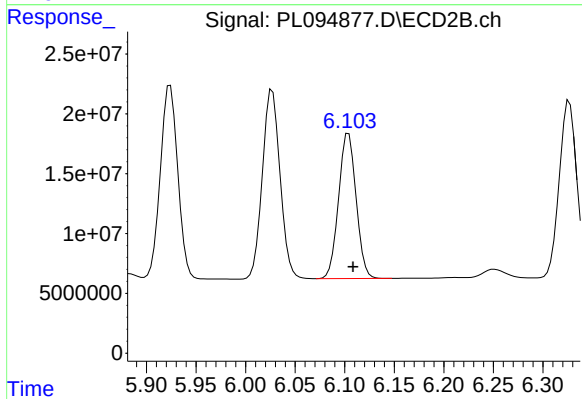
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 196487620
Conc: 48.73 ng/ml



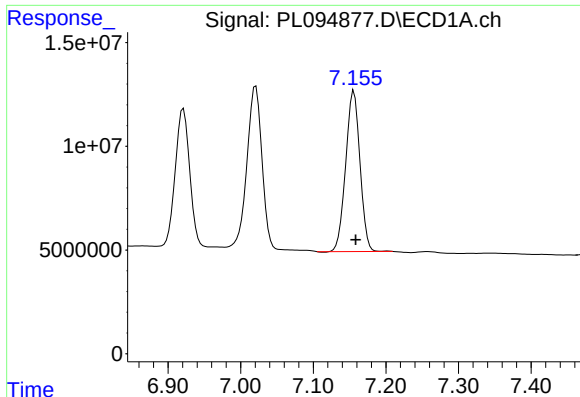
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 93077893
Conc: 44.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 149150144
Conc: 44.32 ng/ml



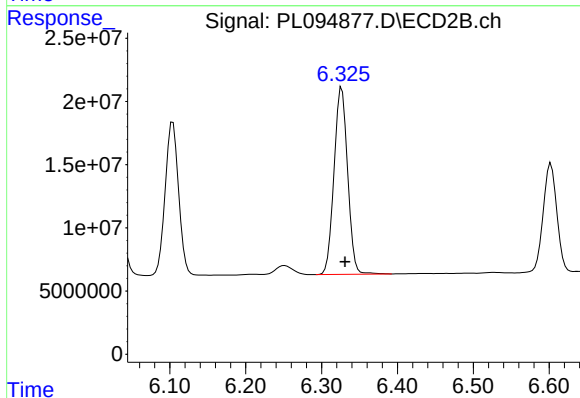
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 106118251
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

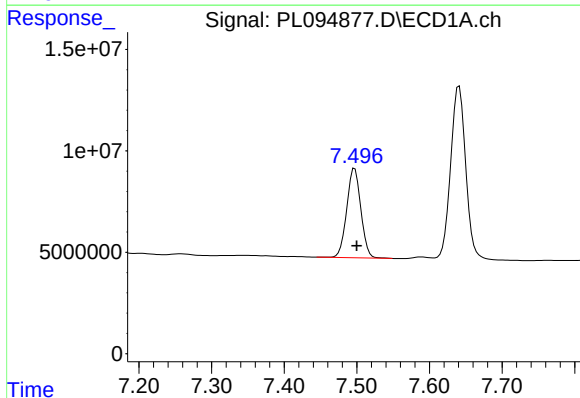
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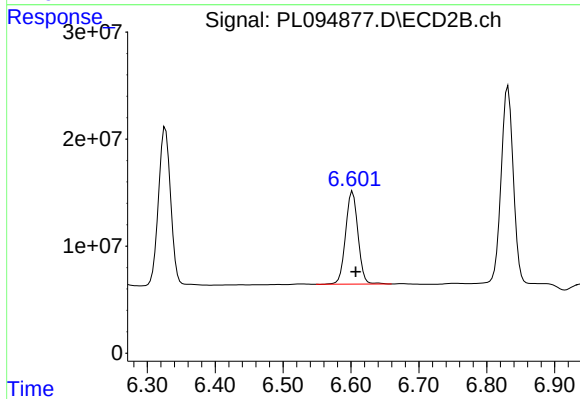
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 184462534
Conc: 45.28 ng/ml



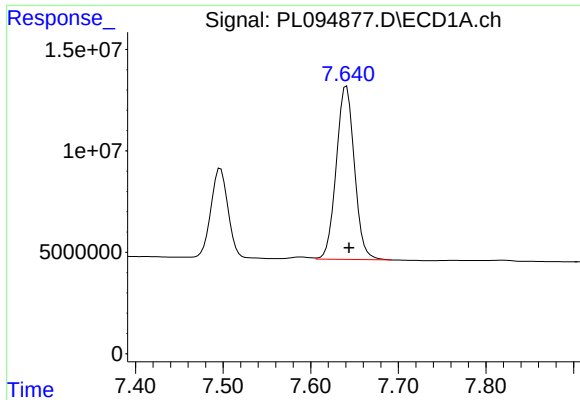
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 59732833
Conc: 49.90 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 110037344
Conc: 51.88 ng/ml



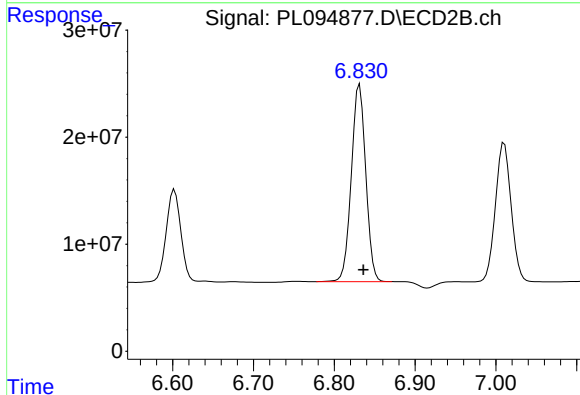
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 123111564
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

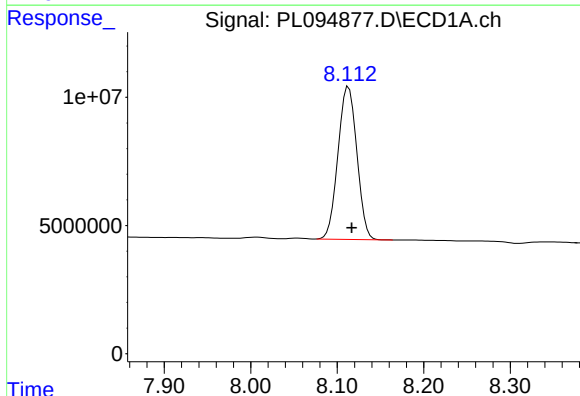
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



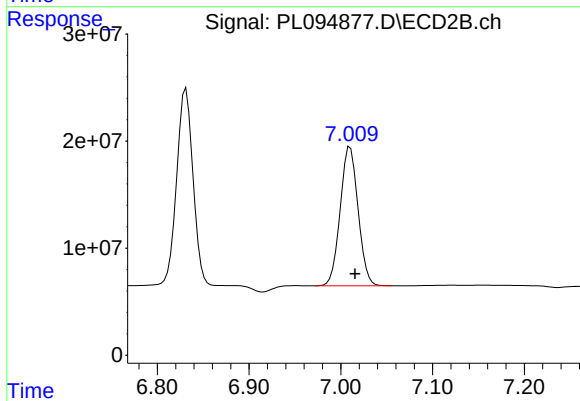
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 228735625
Conc: 47.93 ng/ml m



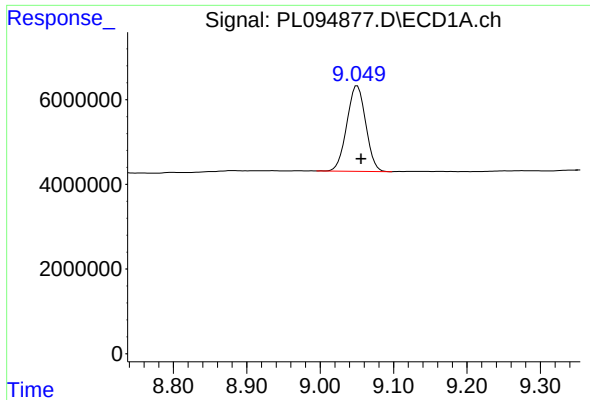
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 89974009
Conc: 43.54 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 175818719
Conc: 46.33 ng/ml m



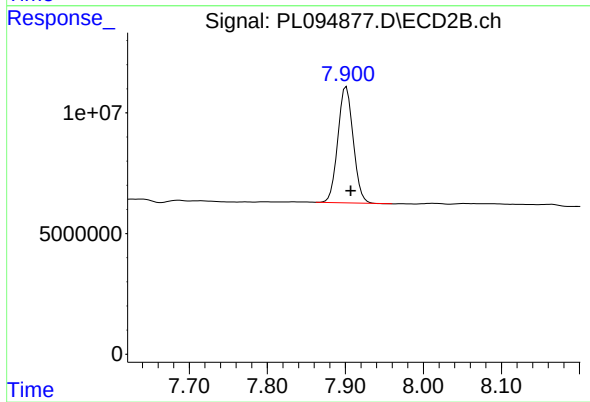
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 36098499
Conc: 17.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 65813258
Conc: 16.29 ng/ml