

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
 Data File : PL094042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 11:53
 Operator : AR\AJ
 Sample : PB166484BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166484BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 01:38:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.547	2.776	58070471	66520321	21.565	20.379
28)	SA Decachlor...	9.066	7.914	43220234	66907602	20.661	19.094
Target Compounds							
2)	A alpha-BHC	4.003	3.278	186.2E6	238.8E6	48.557	48.851
3)	MA gamma-BHC...	4.336	3.608	172.9E6	226.8E6	46.943	47.833
4)	MA Heptachlor	4.924	3.947	158.3E6	221.6E6	48.292	47.597
5)	MB Aldrin	5.266	4.227	159.9E6	219.5E6	48.857	48.120
6)	B beta-BHC	4.535	3.909	77606964	99722327	48.283	49.925
7)	B delta-BHC	4.782	4.137	169.9E6	225.5E6	48.460	47.457
8)	B Heptachlo...	5.693	4.730	142.4E6	206.0E6	47.900	49.281
9)	A Endosulfan I	6.078	5.100	126.2E6	200.5E6	47.758	51.705
10)	B gamma-Chl...	5.948	4.978	143.1E6	222.2E6	51.322m	52.432m
11)	B alpha-Chl...	6.028	5.043	136.1E6	215.8E6	48.825	51.549
12)	B 4,4'-DDE	6.201	5.233	127.2E6	216.9E6	52.264	54.101
13)	MA Dieldrin	6.354	5.364	133.2E6	219.1E6	47.993	51.006
14)	MA Endrin	6.581	5.640	102.0E6	174.4E6	43.508m	47.226
15)	B Endosulfa...	6.803	5.935	114.6E6	186.6E6	47.579	50.388
16)	A 4,4'-DDD	6.719	5.787	99733073	170.5E6	52.476	54.011
17)	MA 4,4'-DDT	7.033	6.038	91653089	154.8E6	46.476	47.572
18)	B Endrin al...	6.934	6.114	89876482	150.3E6	46.231	49.378
19)	B Endosulfa...	7.168	6.337	103.8E6	178.8E6	45.835	50.139
20)	A Methoxychlor	7.509	6.613	44350165	71866014	42.506	40.190
21)	B Endrin ke...	7.653	6.842	115.2E6	211.8E6	45.678	50.485
22)	Mirex	8.126	7.023	82190401	141.7E6	39.467	41.892

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
Data File : PL094042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Feb 2025 11:53
Operator : AR\AJ
Sample : PB166484BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

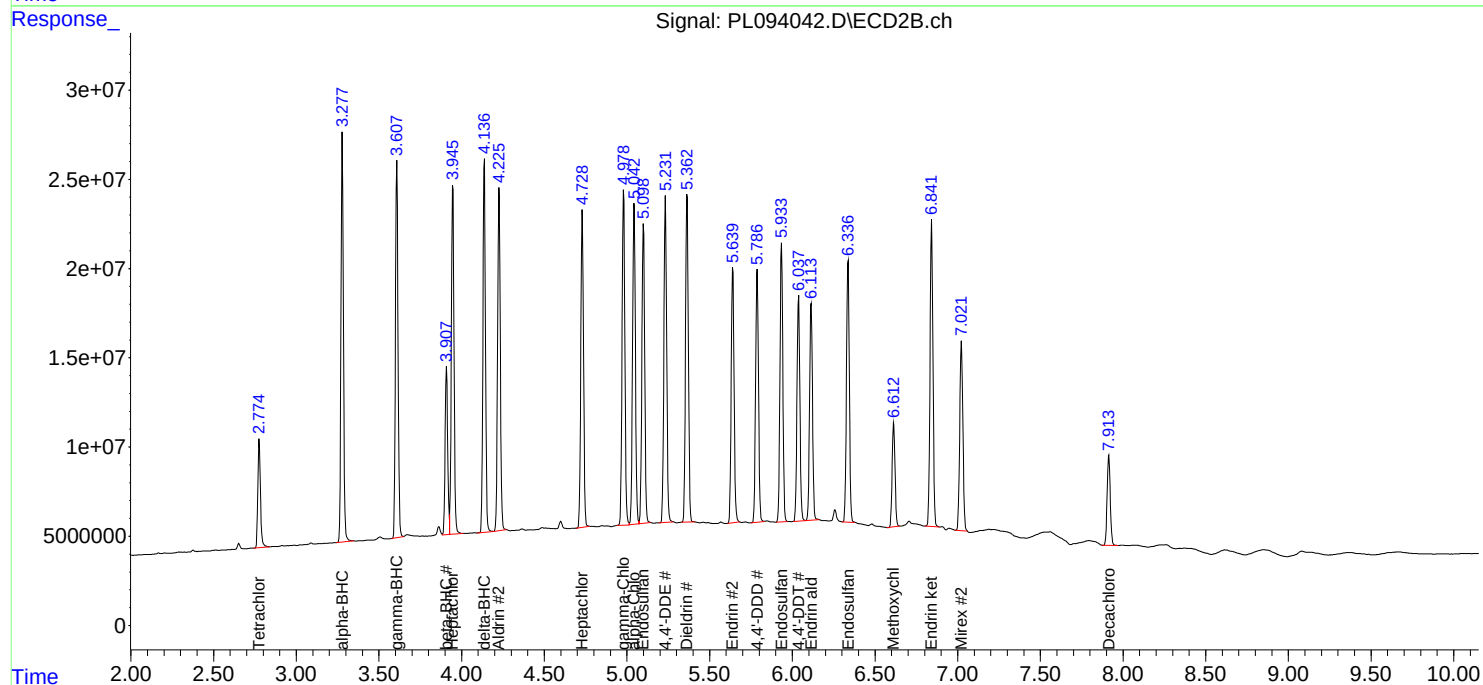
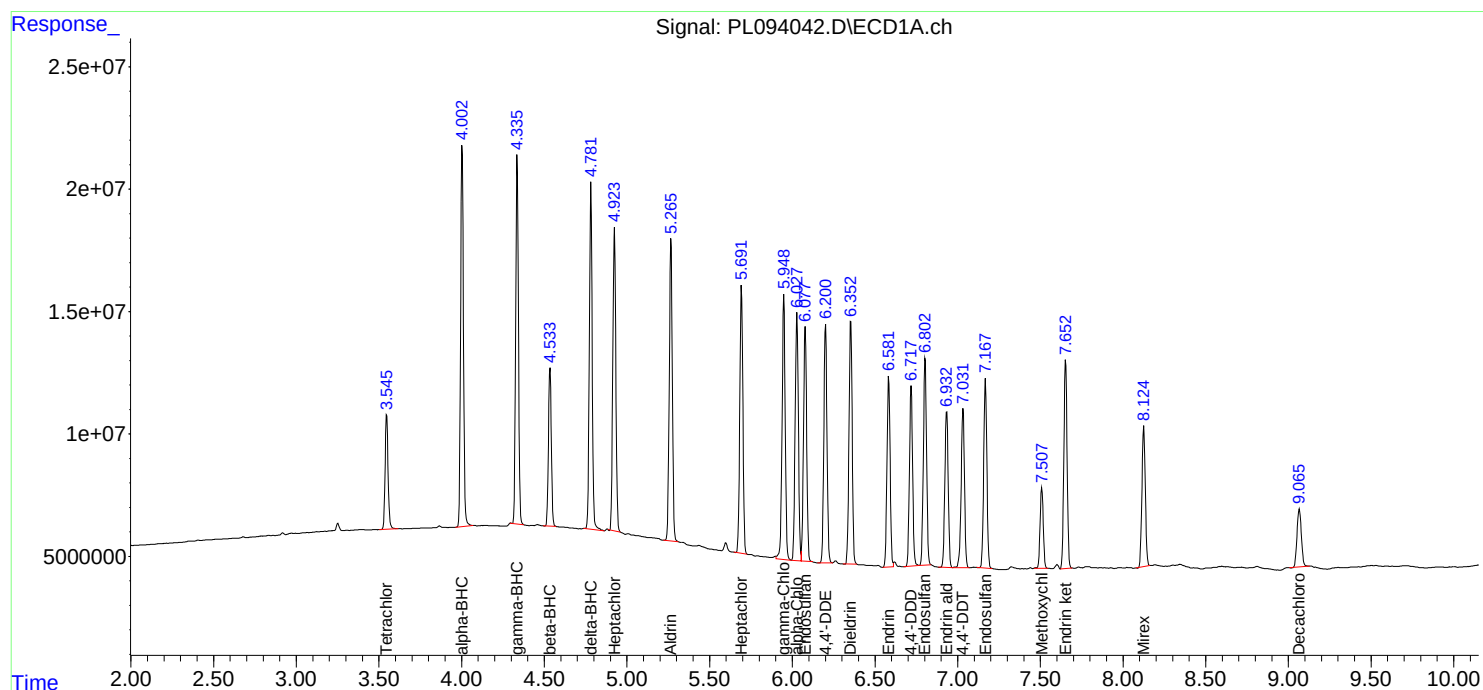
Instrument :
ECD_L
ClientSampleId :
PB166484BS

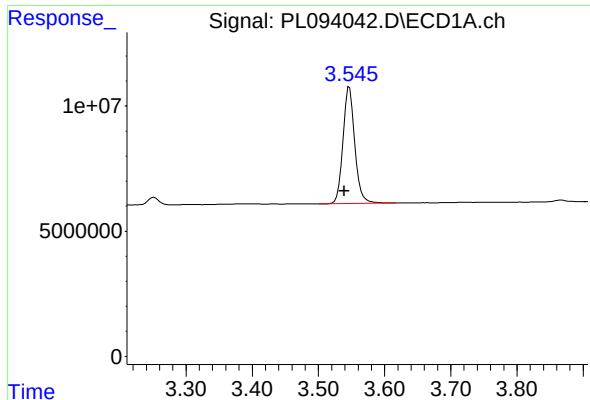
Manual Integrations
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Supervised By : Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 01:38:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





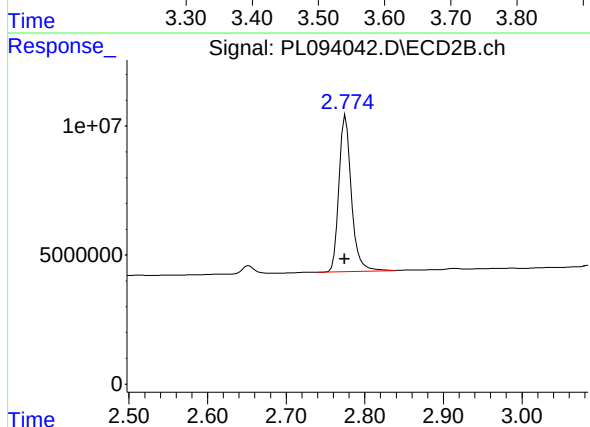
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.008 min
Response: 58070471
Conc: 21.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

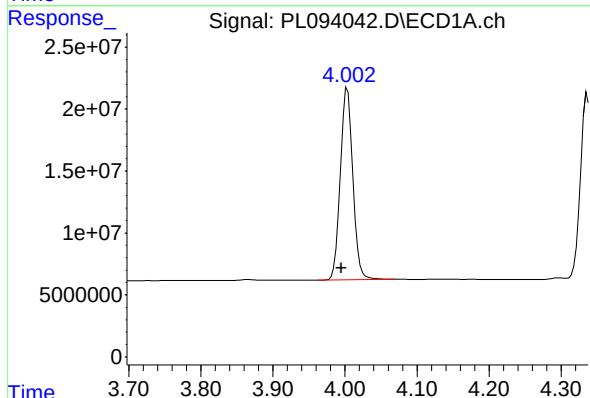
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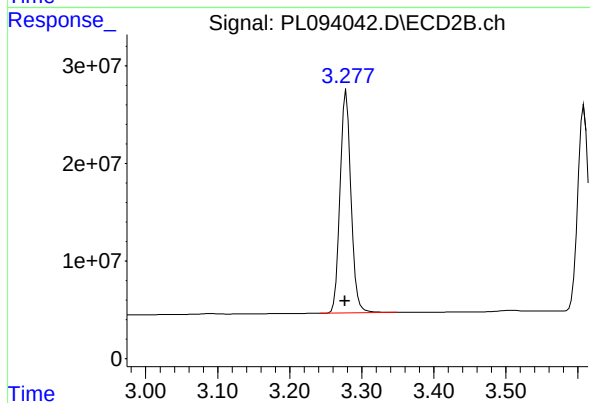
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.001 min
Response: 66520321
Conc: 20.38 ng/ml



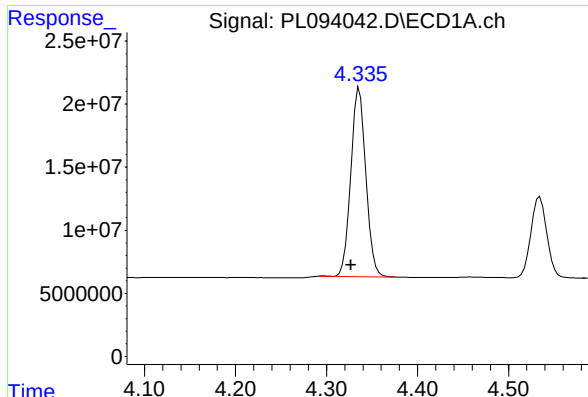
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.009 min
Response: 186159853
Conc: 48.56 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 238833427
Conc: 48.85 ng/ml



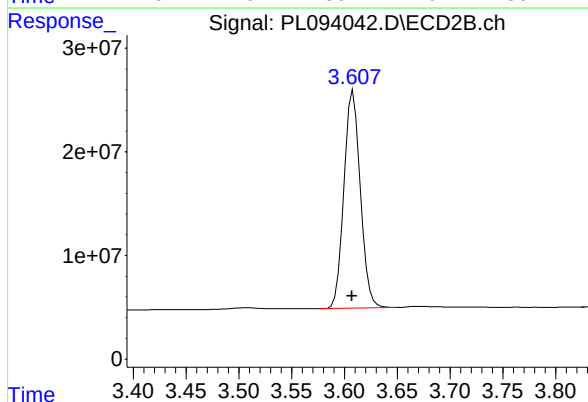
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.009 min
Response: 172884869
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

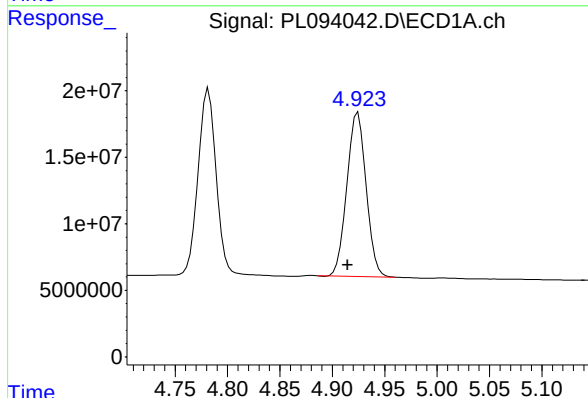
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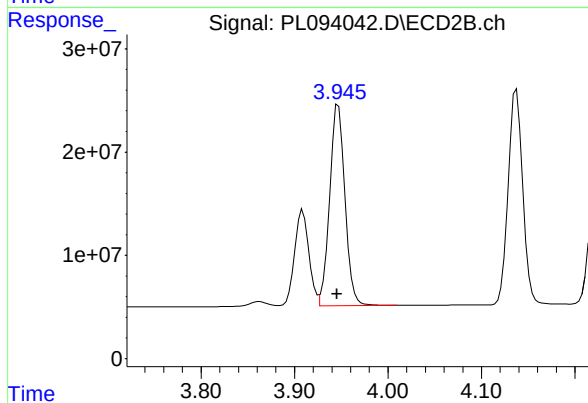
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.001 min
Response: 226788215
Conc: 47.83 ng/ml



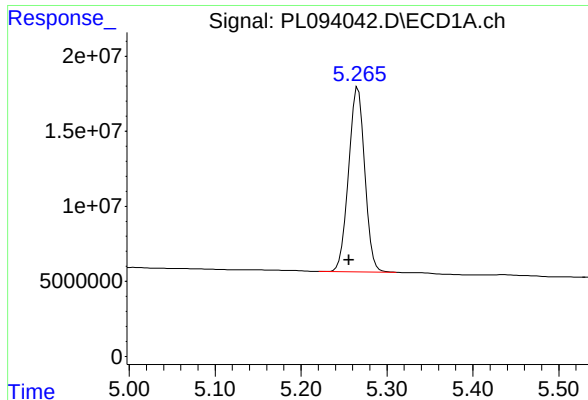
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.010 min
Response: 158267824
Conc: 48.29 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 221554240
Conc: 47.60 ng/ml



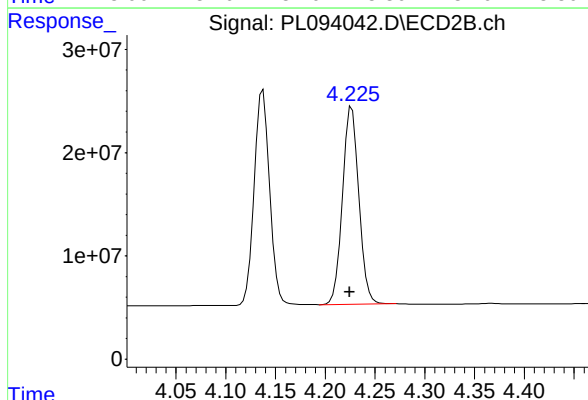
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.011 min
Response: 159858339
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

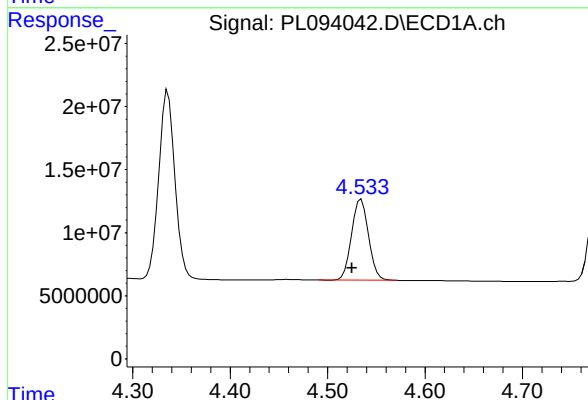
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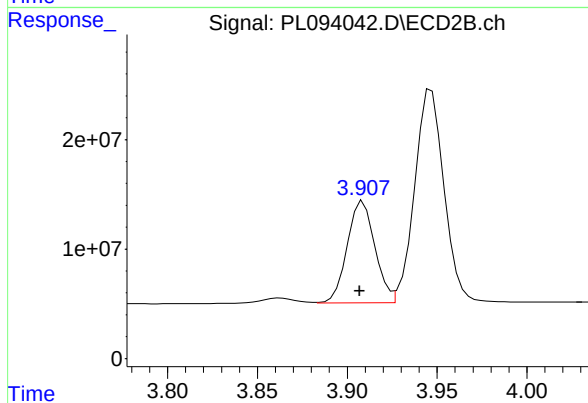
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.002 min
Response: 219511775
Conc: 48.12 ng/ml



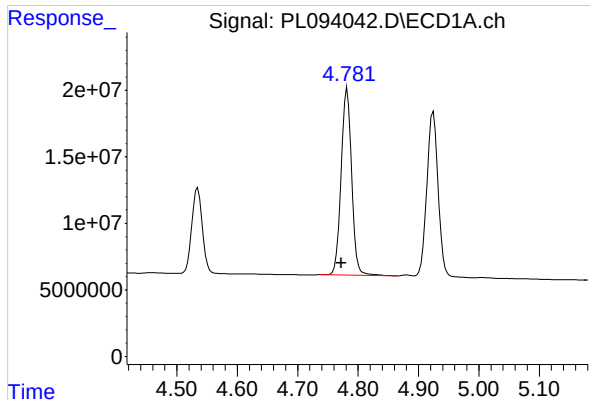
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.009 min
Response: 77606964
Conc: 48.28 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 99722327
Conc: 49.93 ng/ml



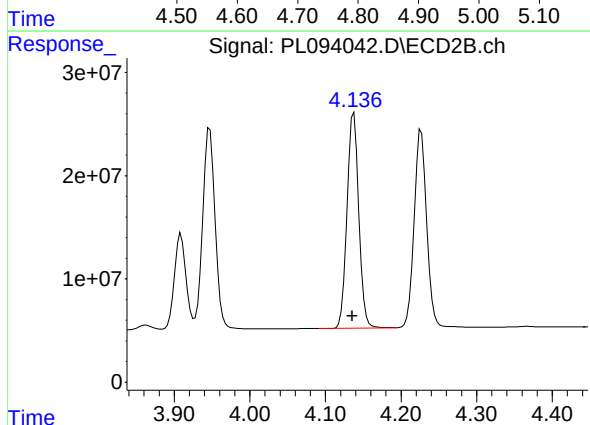
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.010 min
Response: 169864930
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

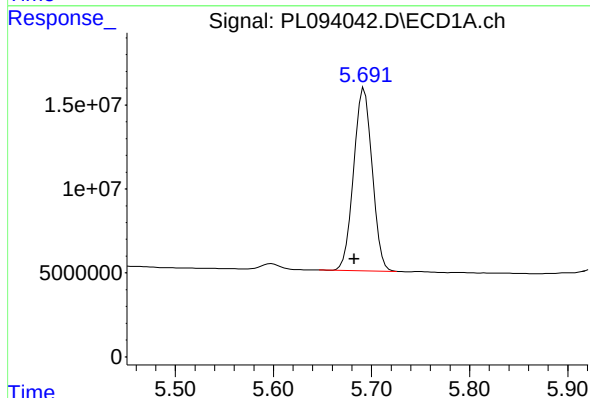
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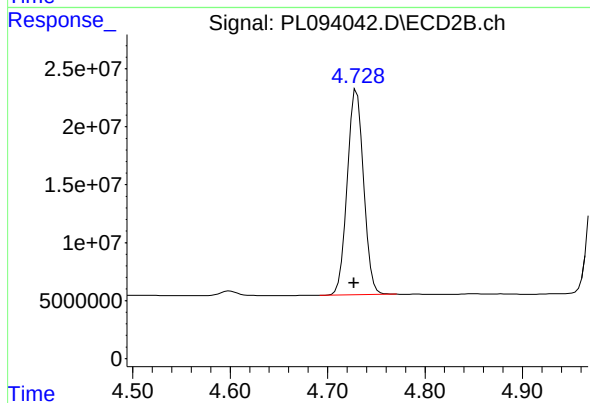
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.002 min
Response: 225478640
Conc: 47.46 ng/ml



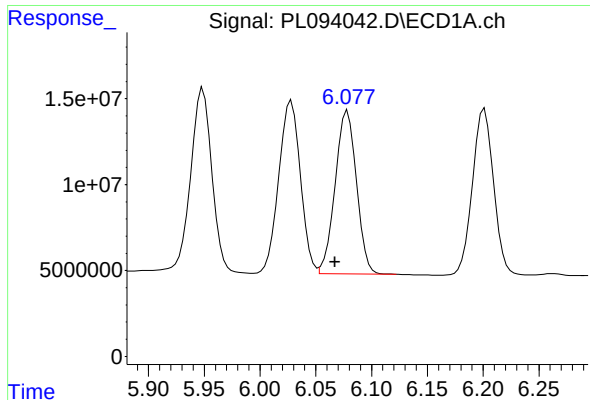
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.010 min
Response: 142445131
Conc: 47.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: 0.003 min
Response: 206005504
Conc: 49.28 ng/ml



#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.011 min
Response: 126218411
Conc: 47.76 ng/ml

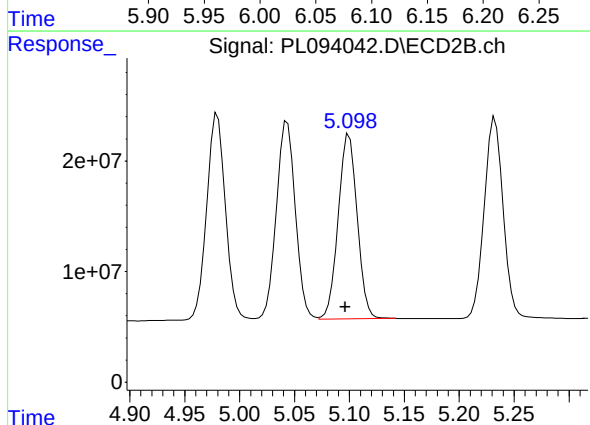
Instrument :

ECD_L

ClientSampleId :
PB166484BS

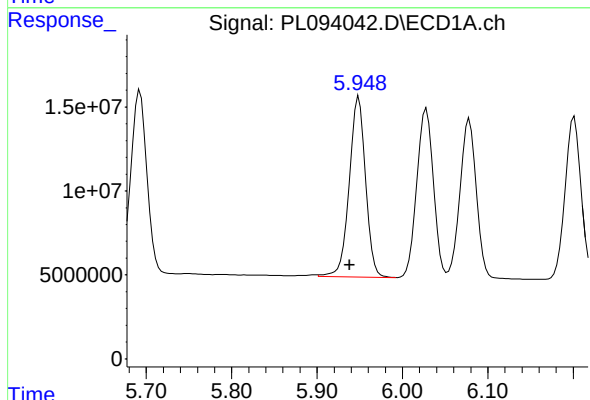
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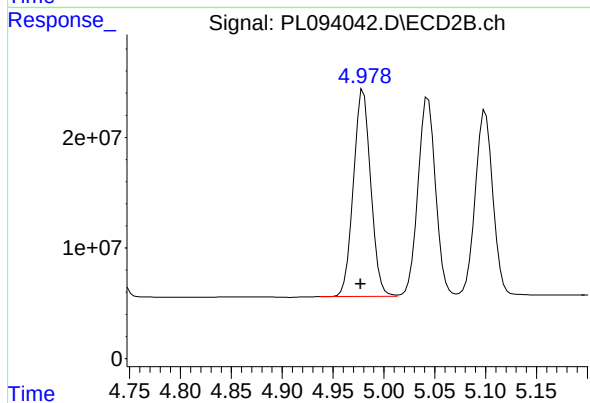
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: 0.003 min
Response: 200455429
Conc: 51.70 ng/ml



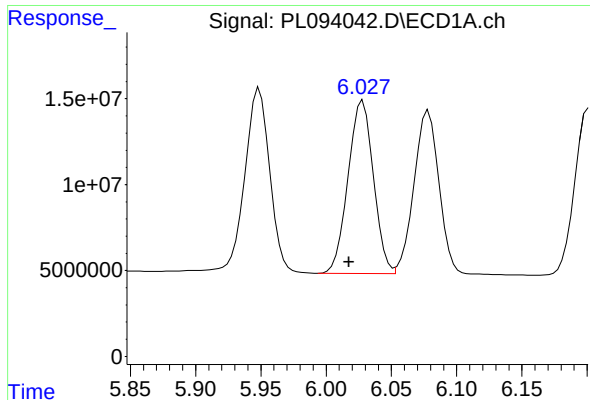
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.009 min
Response: 143053150
Conc: 51.32 ng/ml m



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.001 min
Response: 222187781
Conc: 52.43 ng/ml m



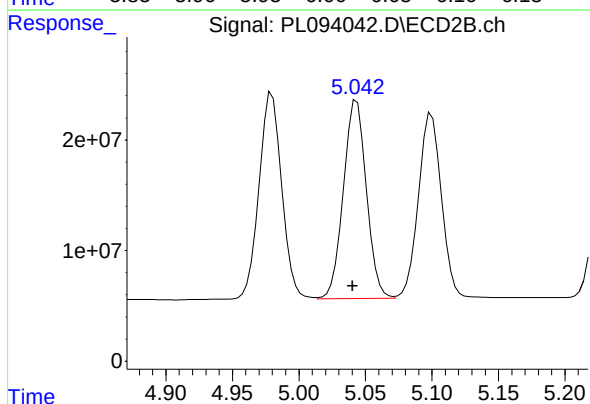
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.011 min
Response: 136145236
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

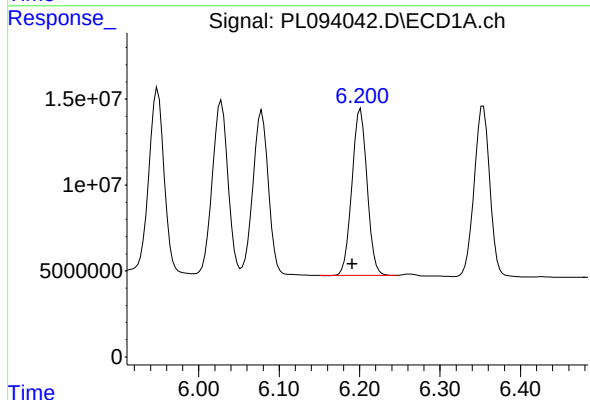
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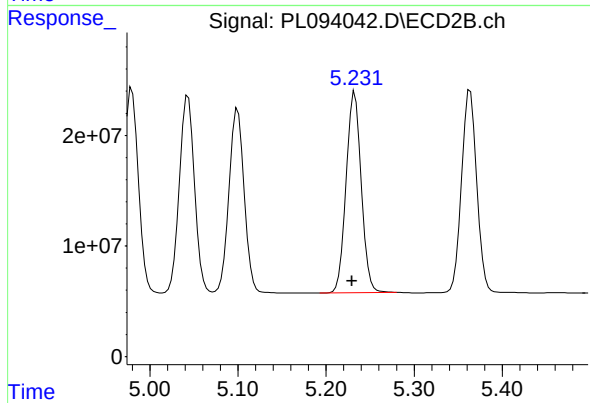
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.003 min
Response: 215811680
Conc: 51.55 ng/ml



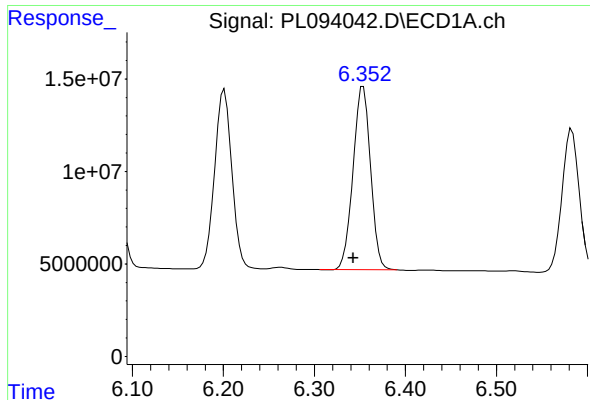
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.010 min
Response: 127241108
Conc: 52.26 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: 0.003 min
Response: 216916308
Conc: 54.10 ng/ml



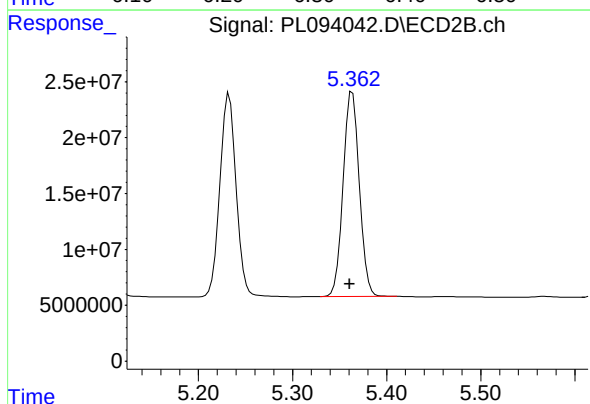
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.011 min
Response: 133221536
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

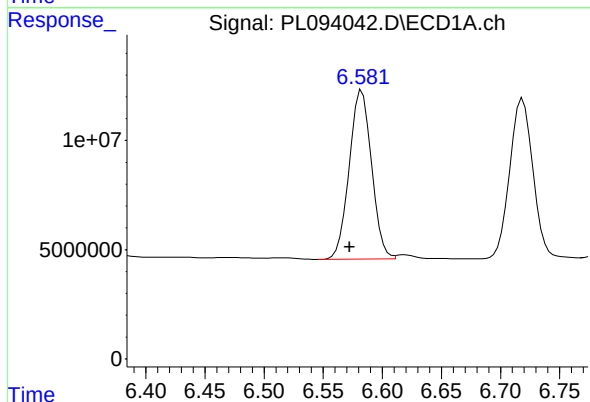
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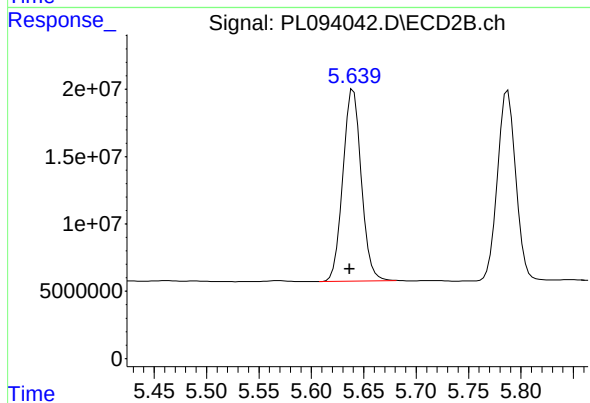
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 219102425
Conc: 51.01 ng/ml



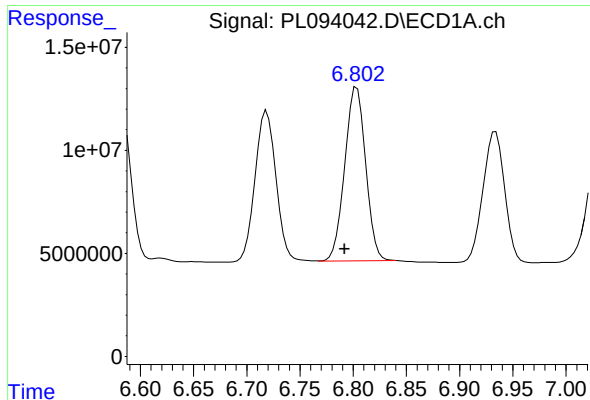
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.009 min
Response: 102018688
Conc: 43.51 ng/ml m



#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.004 min
Response: 174392479
Conc: 47.23 ng/ml



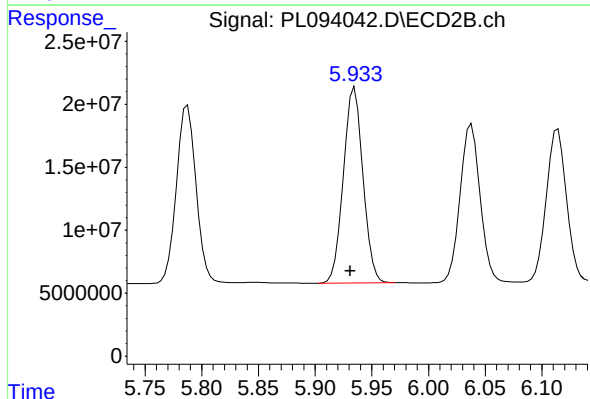
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.011 min
Response: 114634472
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

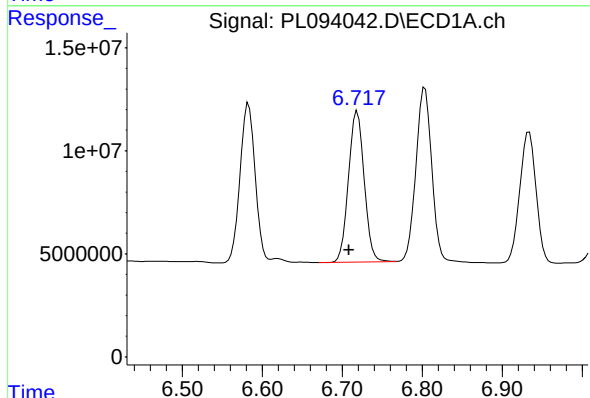
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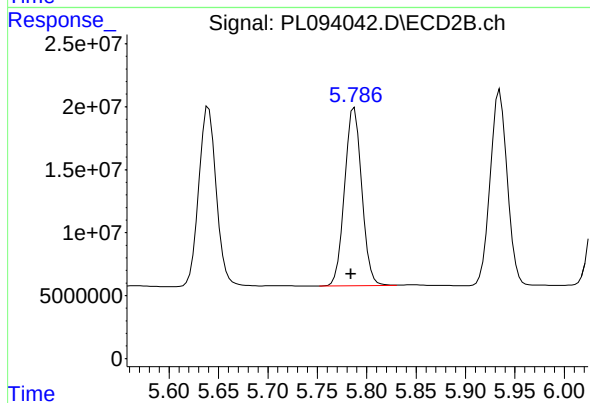
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: 0.004 min
Response: 186630290
Conc: 50.39 ng/ml



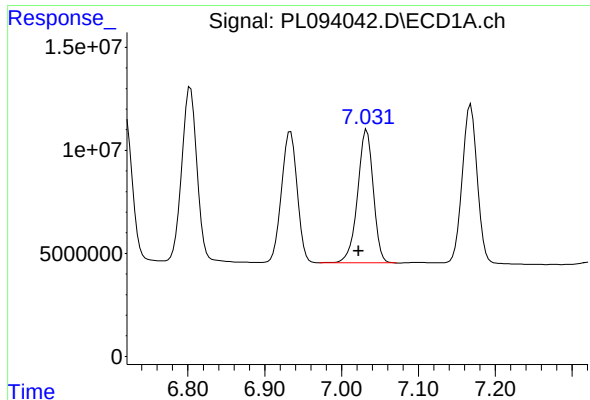
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.011 min
Response: 99733073
Conc: 52.48 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: 0.003 min
Response: 170487718
Conc: 54.01 ng/ml



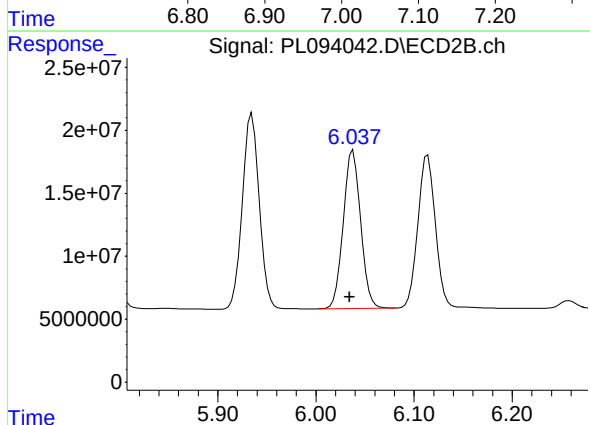
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.010 min
Response: 91653089
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

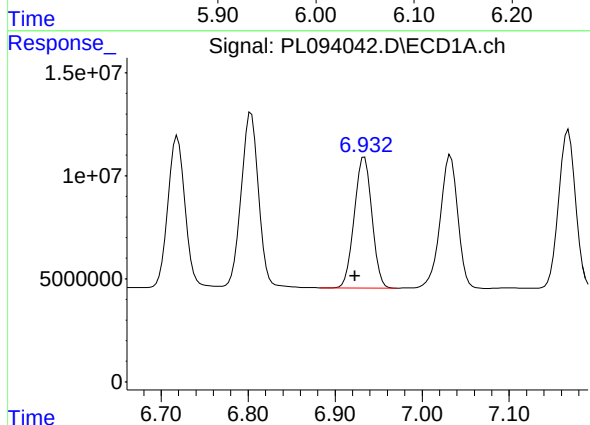
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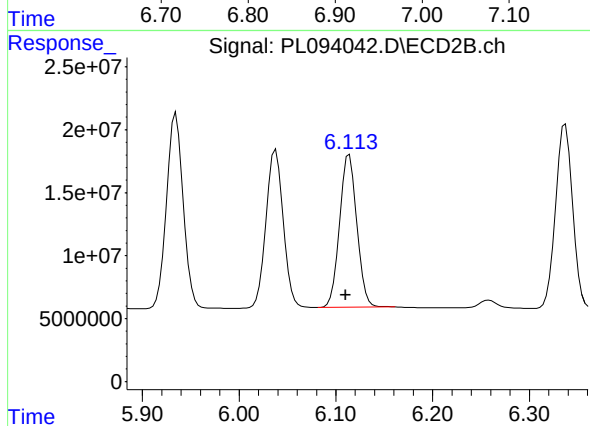
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.004 min
Response: 154801070
Conc: 47.57 ng/ml



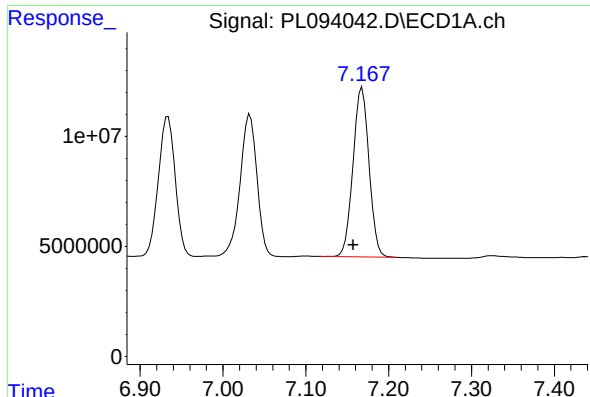
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.011 min
Response: 89876482
Conc: 46.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: 0.004 min
Response: 150338126
Conc: 49.38 ng/ml



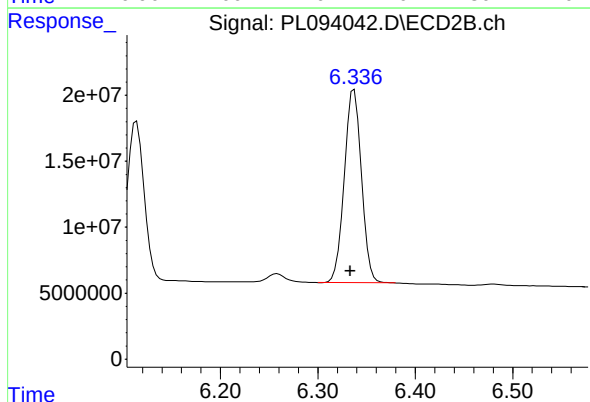
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.011 min
Response: 103757550
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

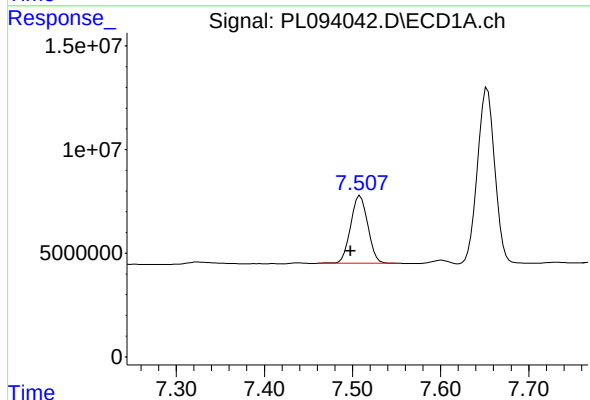
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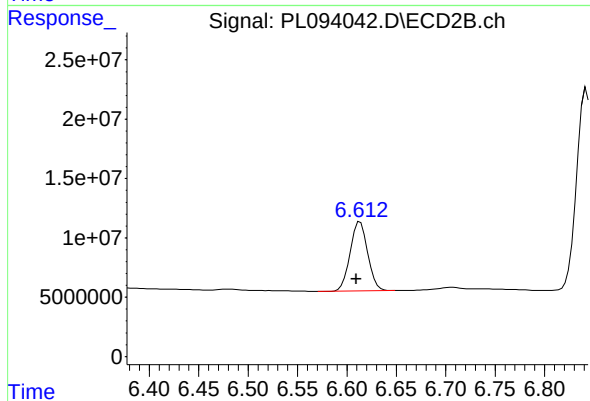
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: 0.004 min
Response: 178800876
Conc: 50.14 ng/ml



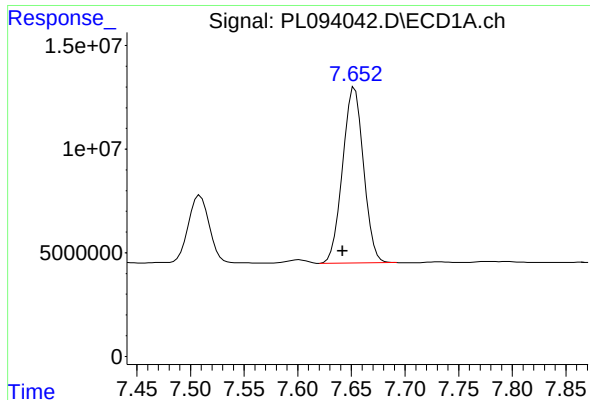
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.011 min
Response: 44350165
Conc: 42.51 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.004 min
Response: 71866014
Conc: 40.19 ng/ml



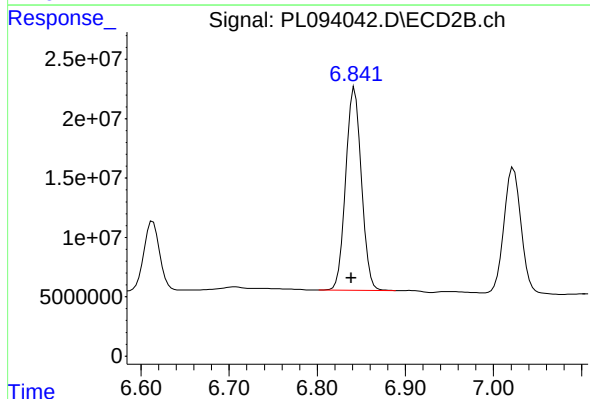
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.011 min
Response: 115227958
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

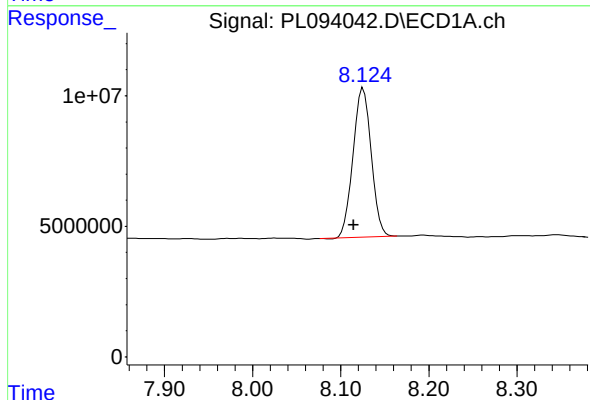
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Supervised By :Ankita Jodhani 02/05/2025



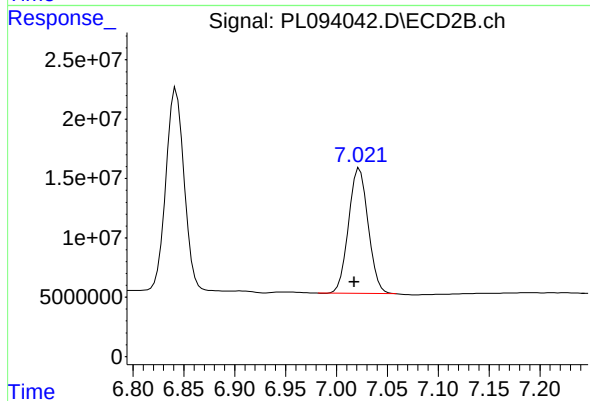
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.004 min
Response: 211794945
Conc: 50.48 ng/ml



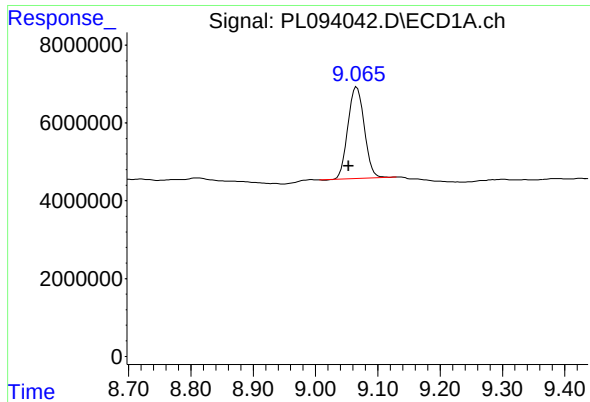
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.011 min
Response: 82190401
Conc: 39.47 ng/ml



#22 Mirex

R.T.: 7.023 min
Delta R.T.: 0.005 min
Response: 141675330
Conc: 41.89 ng/ml



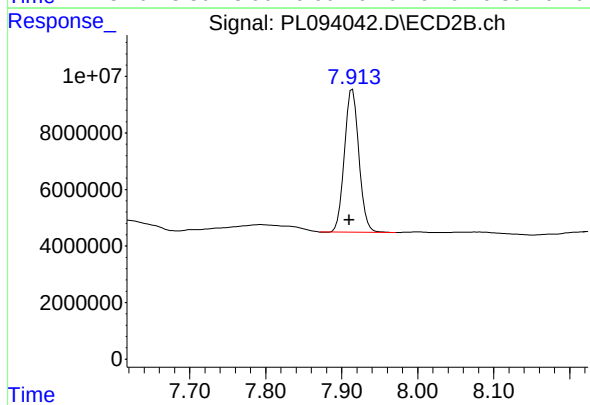
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.013 min
Response: 43220234
Conc: 20.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166484BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.004 min
Response: 66907602
Conc: 19.09 ng/ml