

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
 Data File : PL090497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2024 18:36
 Operator : AR\AJ
 Sample : P3193-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FILL-MATERIAL-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 01:33:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.540	2.785	34830698	27104303	15.347m	17.136
2)	SA Decachlor...	9.052	7.927	24693634	24309998	16.012	16.297m
Target Compounds							
2)	A alpha-BHC	3.996	3.287	134.5E6	107.4E6	42.886m	48.048m
3)	MA gamma-BHC...	4.328	3.618	131.7E6	106.3E6	43.827m	49.730m
4)	MA Heptachlor	4.918	3.960	116.1E6	99479562	41.763m	47.853
5)	MB Aldrin	5.260	4.239	117.4E6	100.3E6	42.903m	50.706m
6)	B beta-BHC	4.524	3.917	58938200	45030817	43.756m	46.646
7)	B delta-BHC	4.773	4.148	122.3E6	102.8E6	43.353	50.664
8)	B Heptachlo...	5.686	4.742	113.8E6	91029172	44.639	49.549m
9)	A Endosulfan I	6.071	5.113	105.1E6	84494067	44.632	48.832
10)	B gamma-Chl...	5.940	4.993	105.2E6	90334167	41.626m	47.133
11)	B alpha-Chl...	6.019	5.057	107.5E6	90954657	43.110m	47.489
12)	B 4,4'-DDE	6.192	5.245	96313077	83144177	44.120m	50.191m
13)	MA Dieldrin	6.346	5.376	106.8E6	91028967	43.668	49.353m
14)	MA Endrin	6.575	5.651	91702300	80068723	43.250	48.422m
15)	B Endosulfa...	6.793	5.947	93896211	79237259	42.466m	48.293
16)	A 4,4'-DDD	6.708	5.799	80637037	69242457	44.014m	50.519m
17)	MA 4,4'-DDT	7.024	6.050	84800406	73364591	44.191	49.567m
18)	B Endrin al...	6.922	6.126	72067056	61614526	42.683m	48.383
19)	B Endosulfa...	7.158	6.349	88764619	76670685	44.815	49.030
20)	A Methoxychlor	7.499	6.625	47698871	42497819	46.285	50.940m
21)	B Endrin ke...	7.642	6.854	99612709	90300555	45.924	50.433
22)	Mirex	8.115	7.035	73544174	69134588	42.298m	45.271m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
Data File : PL090497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2024 18:36
Operator : AR\AJ
Sample : P3193-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

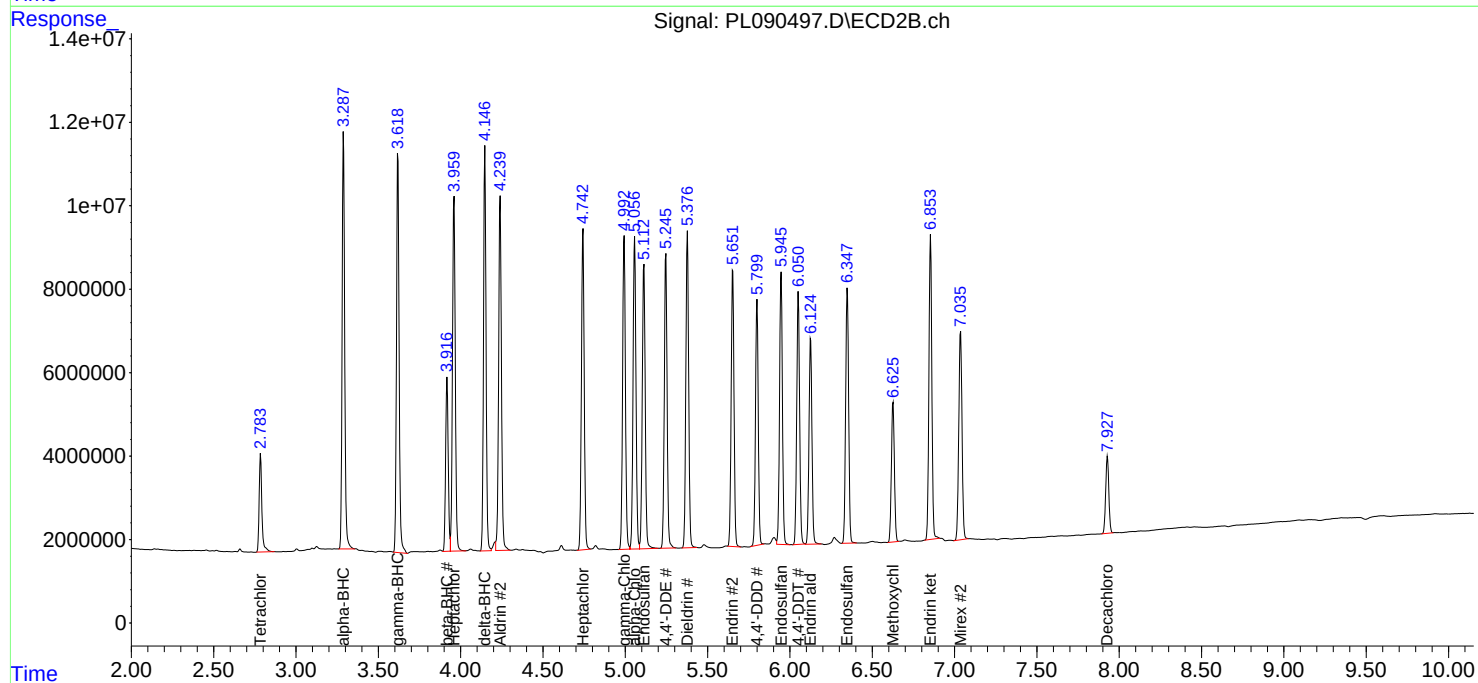
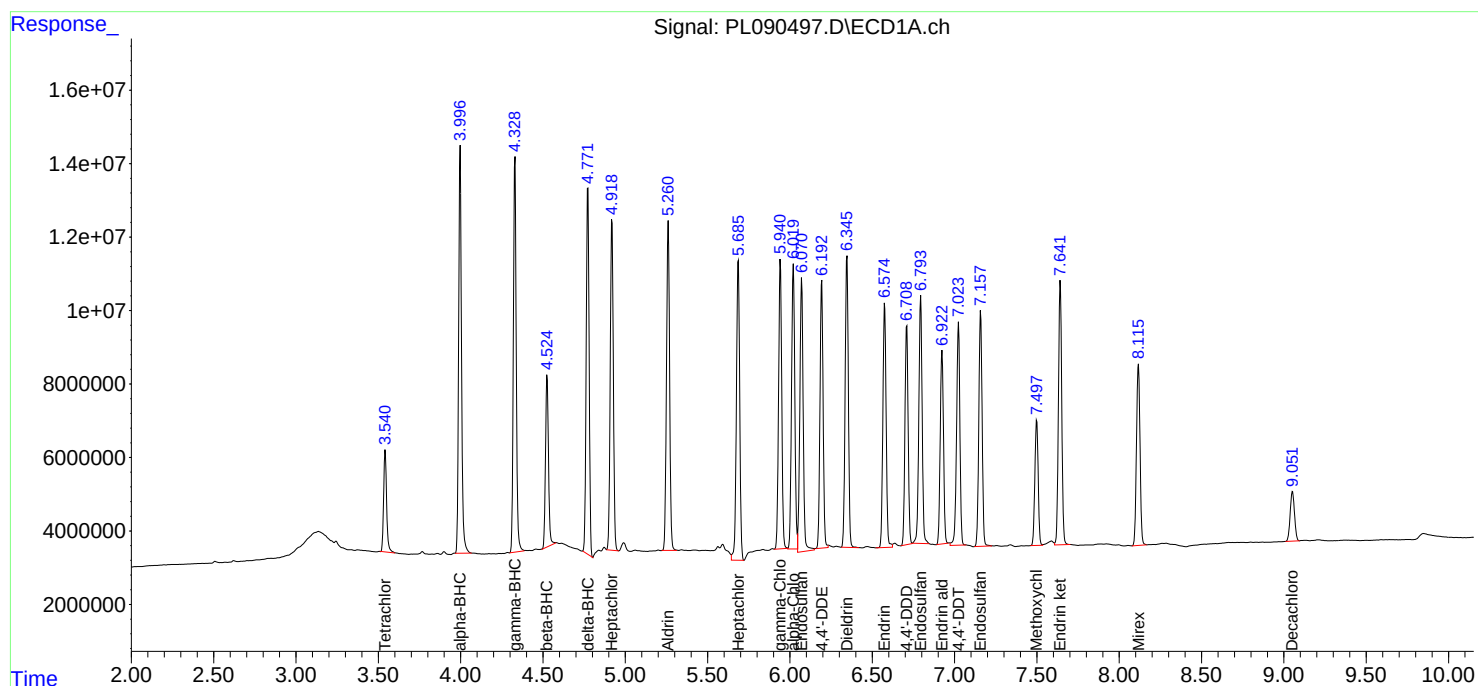
Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

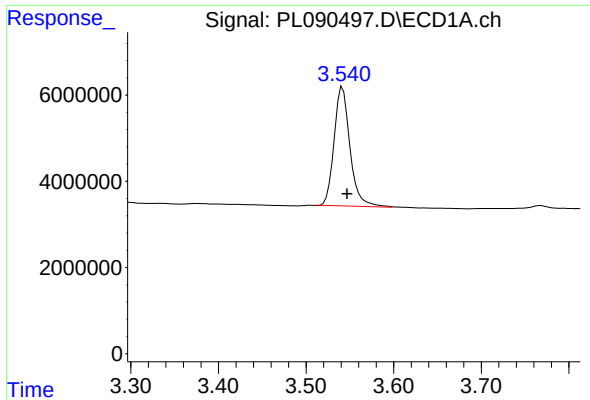
Manual Integrations
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Supervised By :Ankita Jodhani 07/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 01:33:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 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





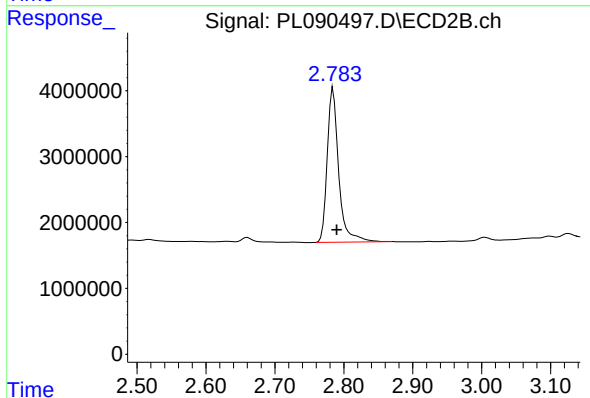
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.007 min
Response: 34830698
Conc: 15.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

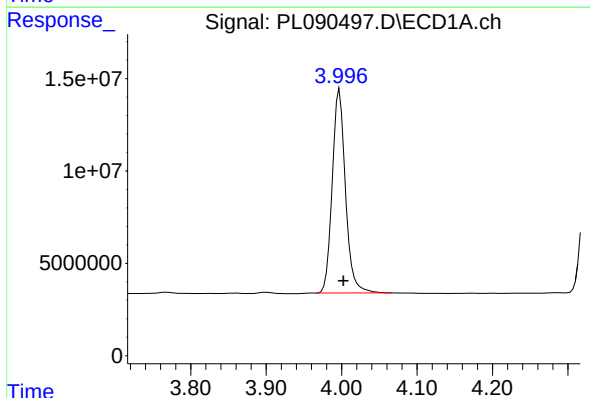
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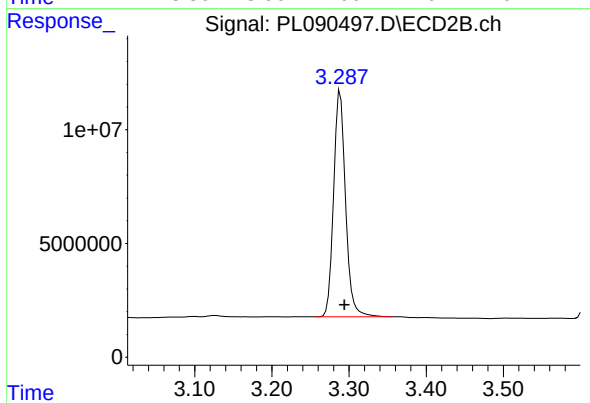
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: -0.005 min
Response: 27104303
Conc: 17.14 ng/ml



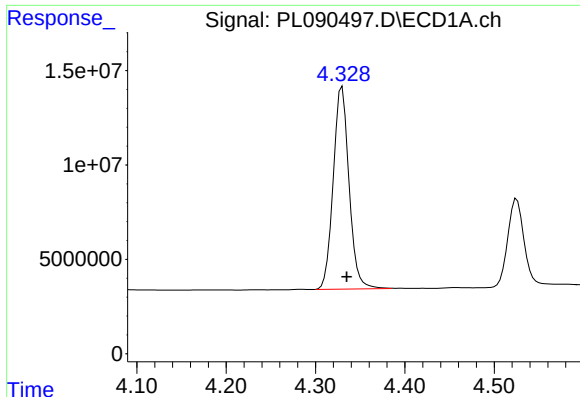
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.007 min
Response: 134512016
Conc: 42.89 ng/ml m



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.007 min
Response: 107412286
Conc: 48.05 ng/ml m



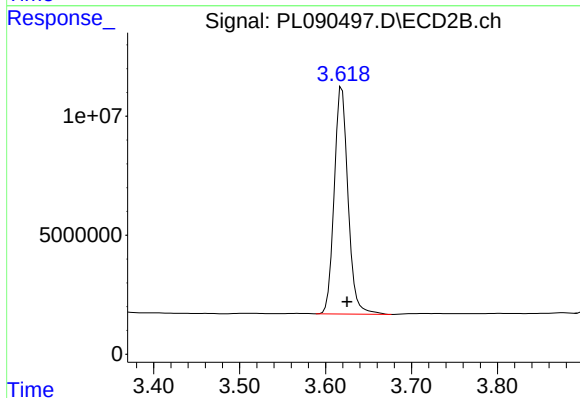
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.006 min
Response: 131744060
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

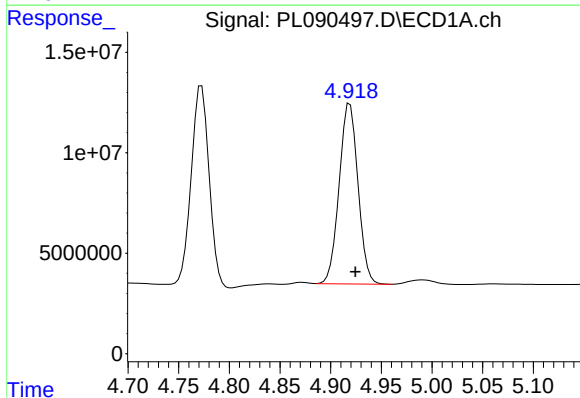
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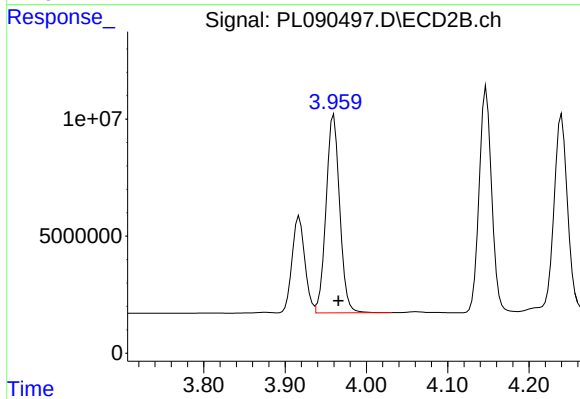
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: -0.007 min
Response: 106321290
Conc: 49.73 ng/ml m



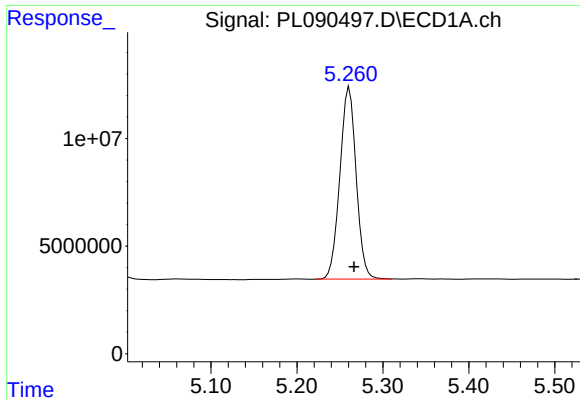
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 116061912
Conc: 41.76 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.006 min
Response: 99479562
Conc: 47.85 ng/ml



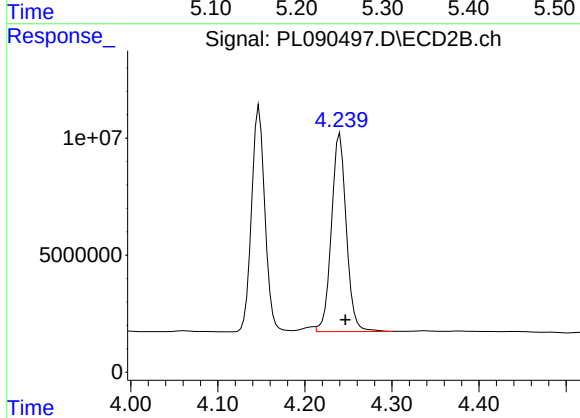
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.007 min
Response: 117448357
Conc: 42.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

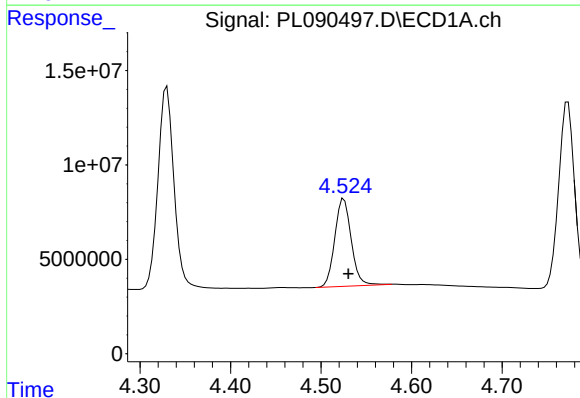
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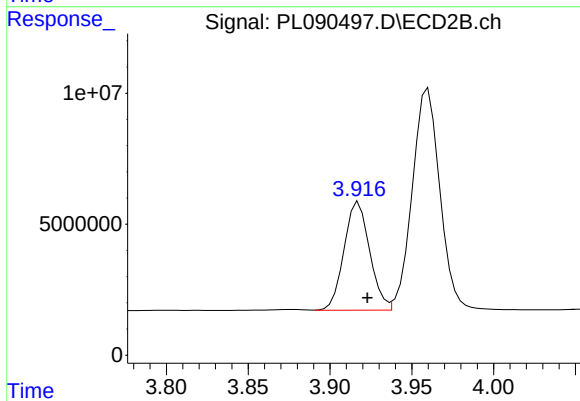
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.008 min
Response: 100316016
Conc: 50.71 ng/ml m



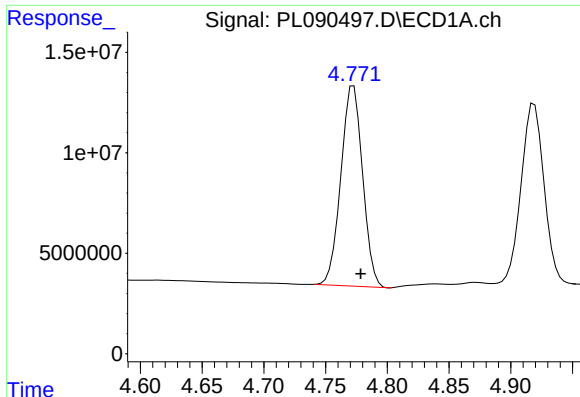
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.006 min
Response: 58938200
Conc: 43.76 ng/ml m



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.005 min
Response: 45030817
Conc: 46.65 ng/ml



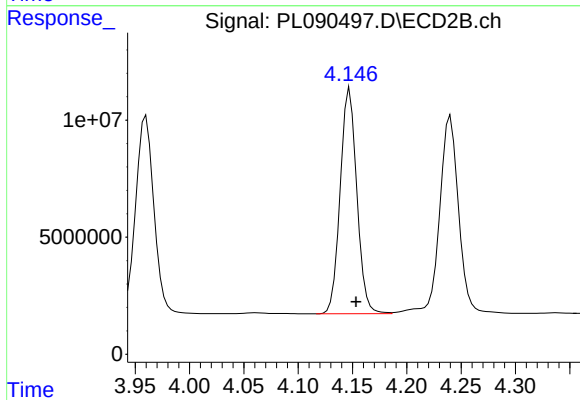
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 122273651
Conc: 43.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

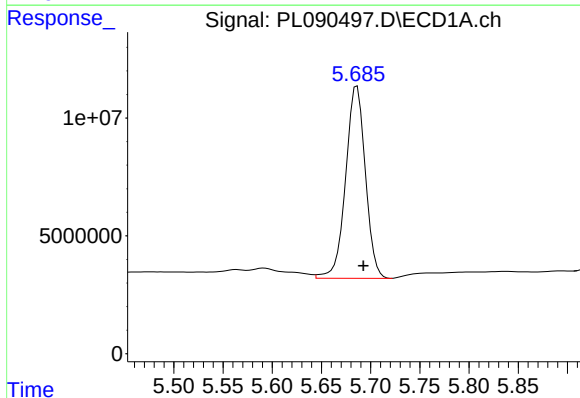
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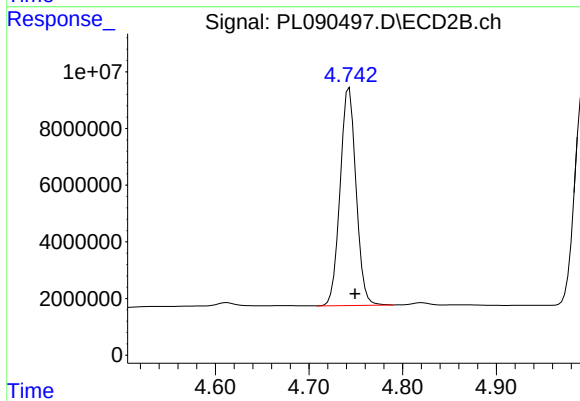
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.006 min
Response: 102786548
Conc: 50.66 ng/ml



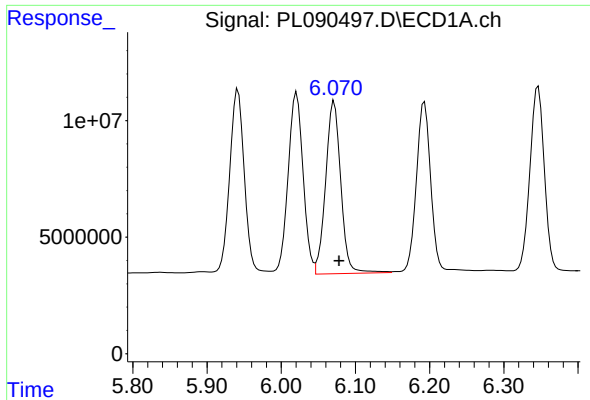
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.006 min
Response: 113834838
Conc: 44.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: -0.008 min
Response: 91029172
Conc: 49.55 ng/ml m



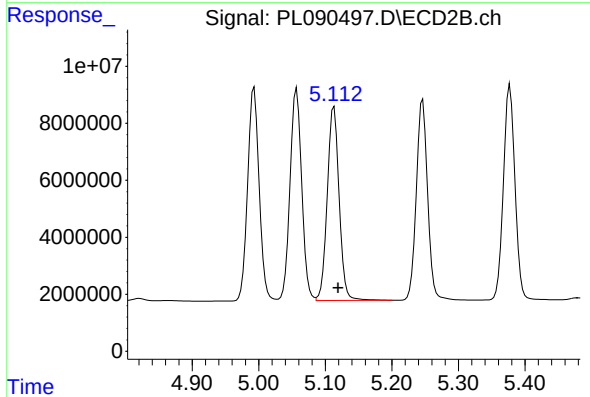
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.007 min
Response: 105101093
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

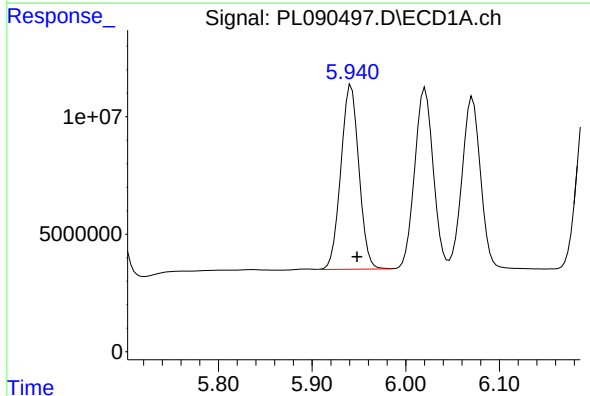
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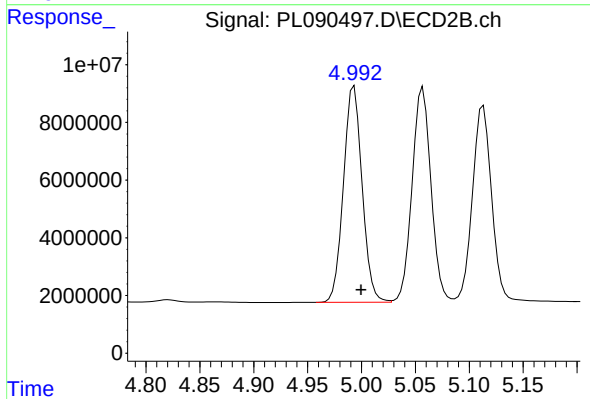
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.006 min
Response: 84494067
Conc: 48.83 ng/ml



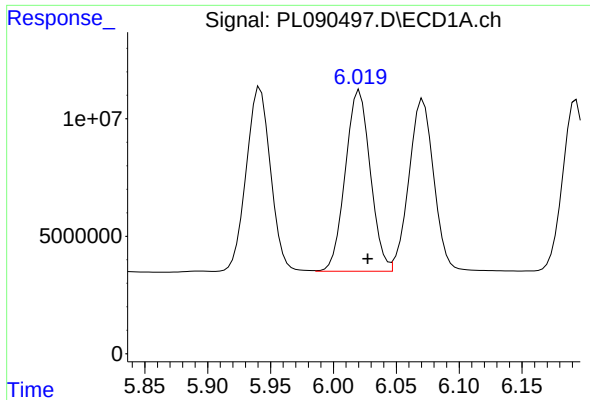
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.008 min
Response: 105180207
Conc: 41.63 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.006 min
Response: 90334167
Conc: 47.13 ng/ml



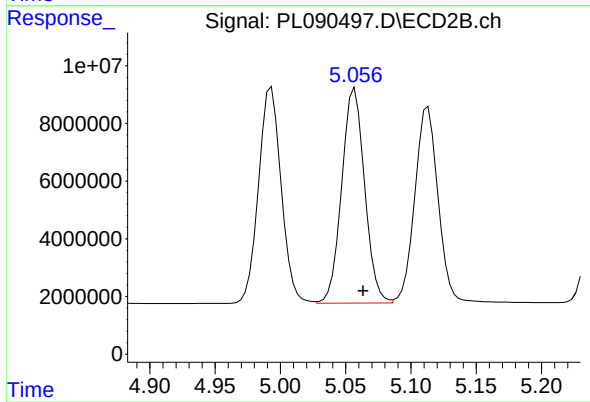
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.008 min
Response: 107532626
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

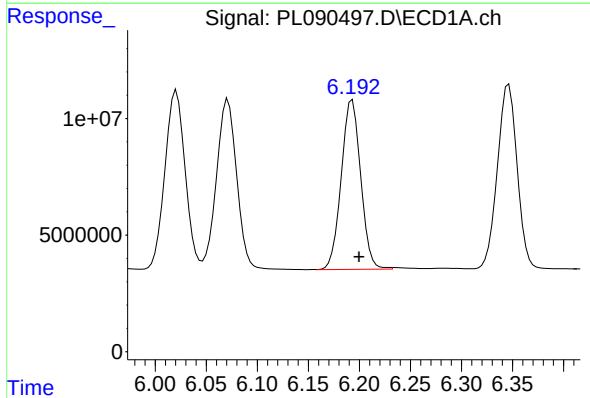
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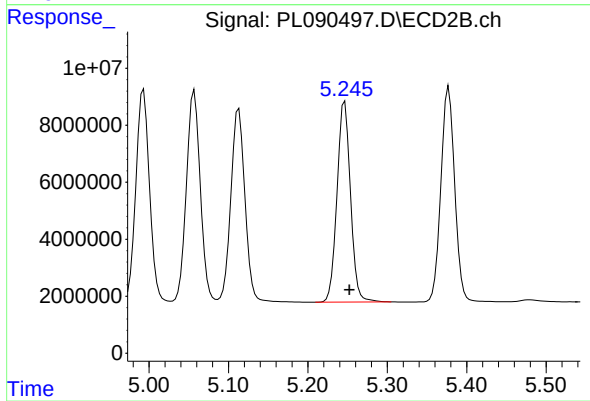
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.006 min
Response: 90954657
Conc: 47.49 ng/ml



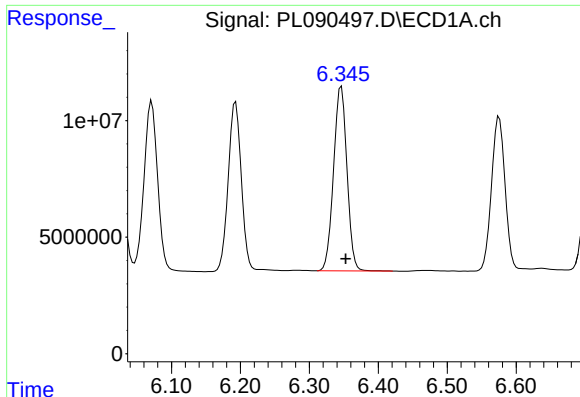
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.008 min
Response: 96313077
Conc: 44.12 ng/ml m



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: -0.007 min
Response: 83144177
Conc: 50.19 ng/ml m



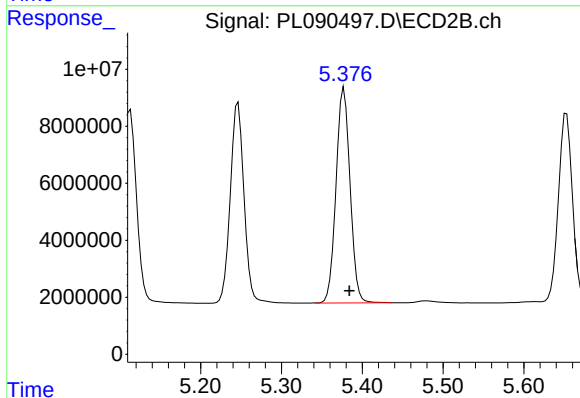
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.006 min
Response: 106763439
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

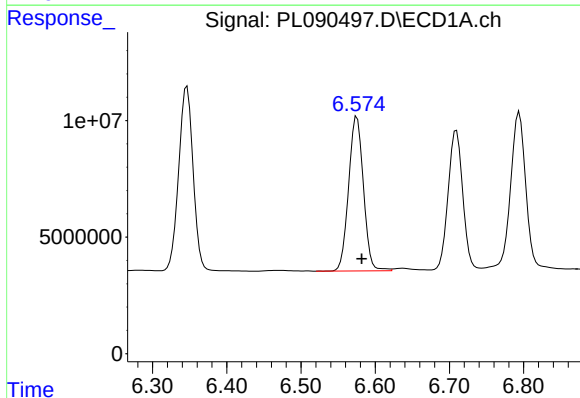
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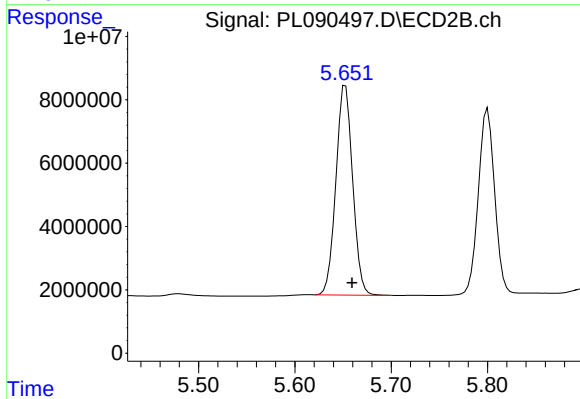
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.008 min
Response: 91028967
Conc: 49.35 ng/ml m



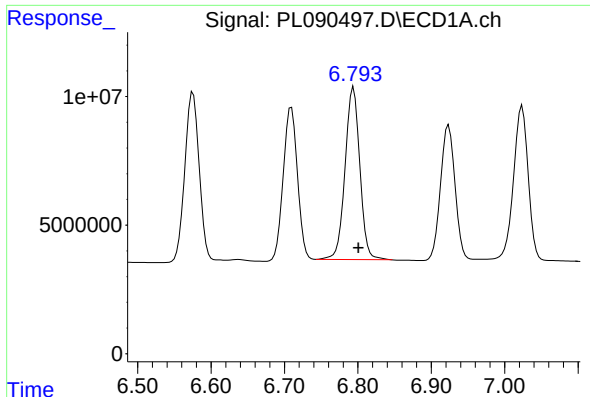
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.007 min
Response: 91702300
Conc: 43.25 ng/ml



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.008 min
Response: 80068723
Conc: 48.42 ng/ml m



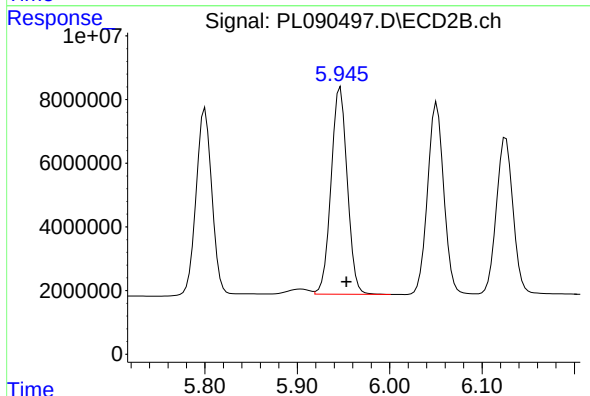
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.008 min
Response: 93896211
Conc: 42.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

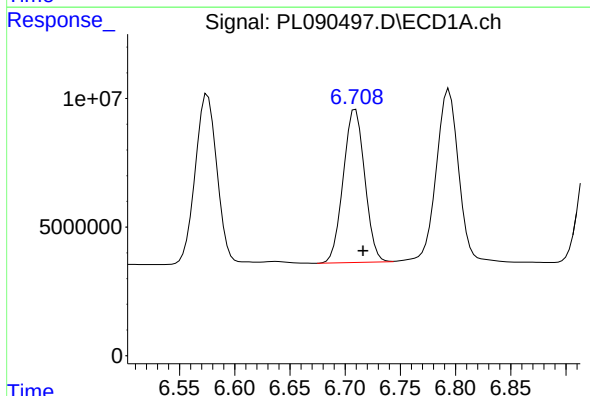
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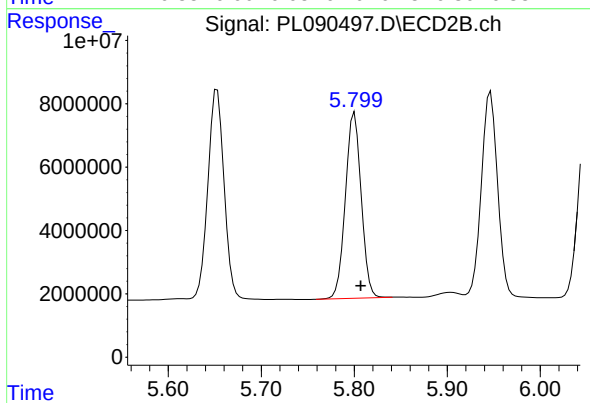
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.007 min
Response: 79237259
Conc: 48.29 ng/ml



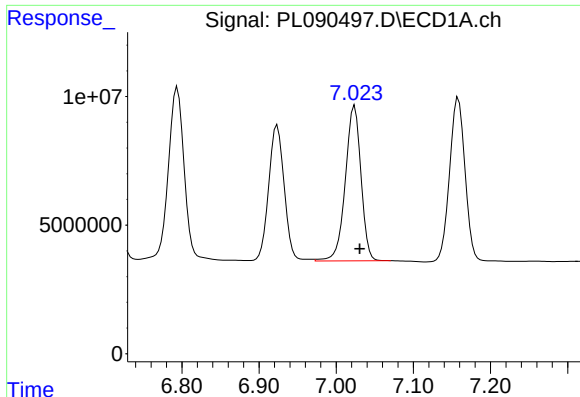
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.008 min
Response: 80637037
Conc: 44.01 ng/ml m



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.008 min
Response: 69242457
Conc: 50.52 ng/ml m



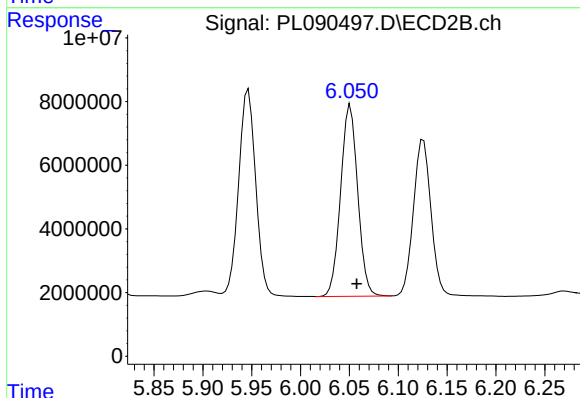
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.007 min
Response: 84800406
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

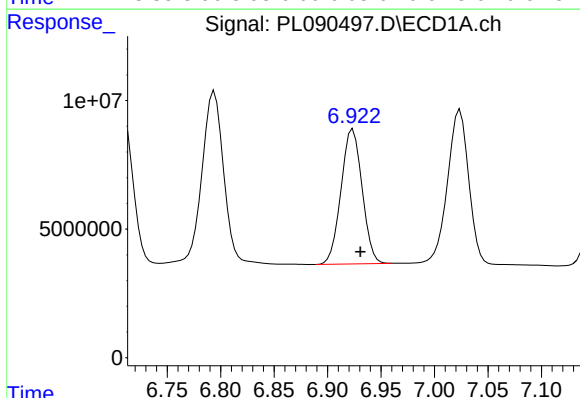
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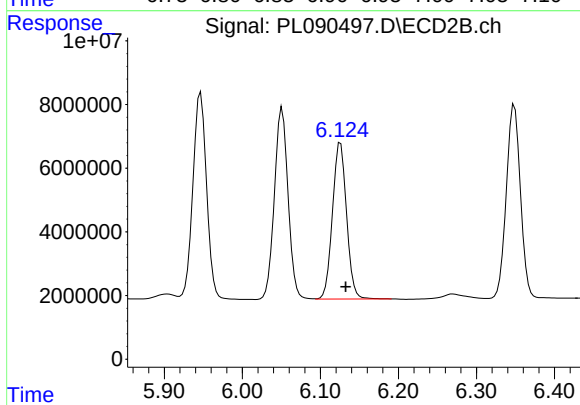
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.008 min
Response: 73364591
Conc: 49.57 ng/ml m



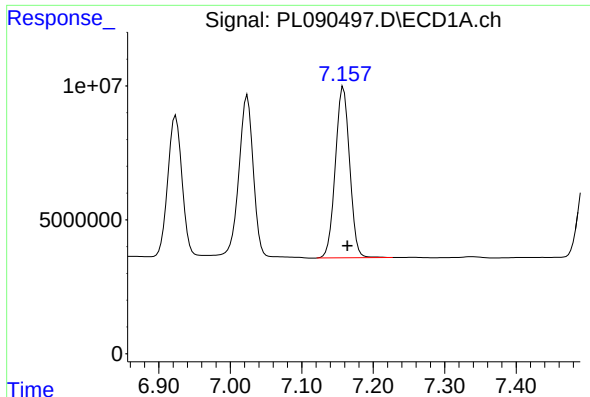
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.008 min
Response: 72067056
Conc: 42.68 ng/ml m



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: -0.007 min
Response: 61614526
Conc: 48.38 ng/ml



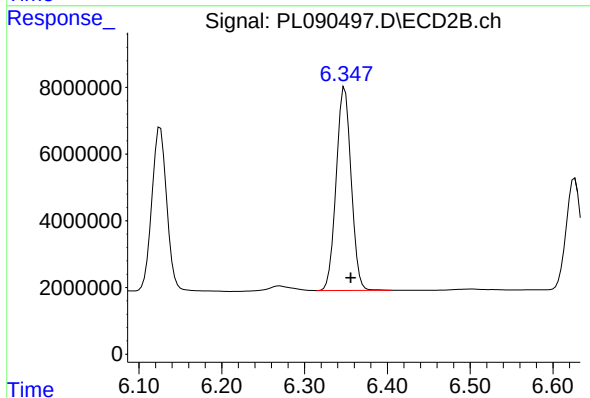
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.006 min
Response: 88764619
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

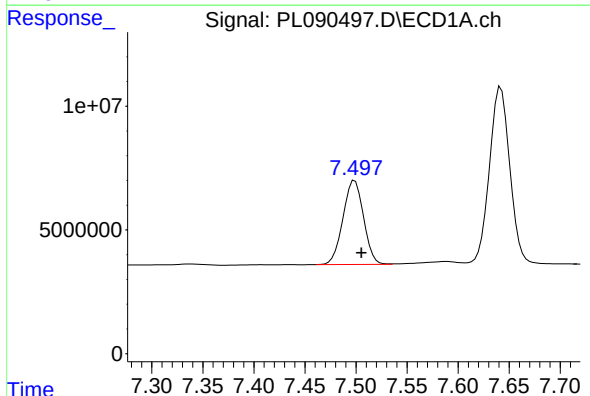
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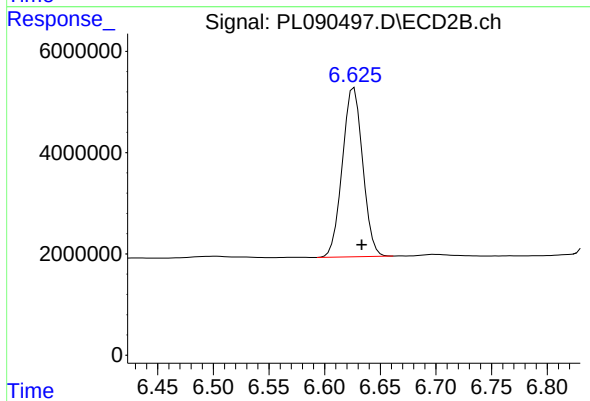
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.007 min
Response: 76670685
Conc: 49.03 ng/ml



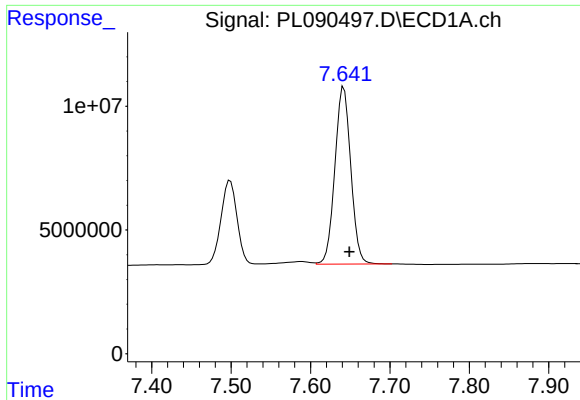
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 47698871
Conc: 46.29 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: -0.008 min
Response: 42497819
Conc: 50.94 ng/ml m



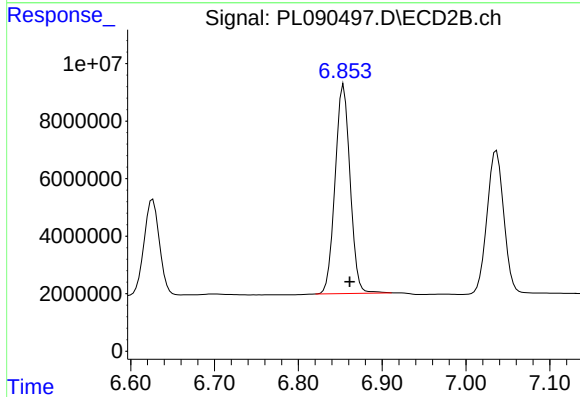
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.007 min
Response: 99612709
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

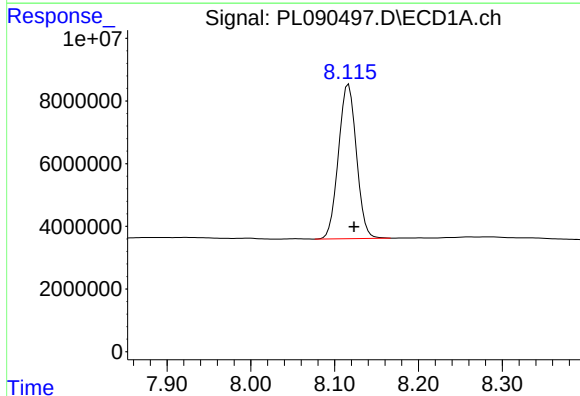
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/12/2024
Supervised By :Ankita Jodhani 07/12/2024



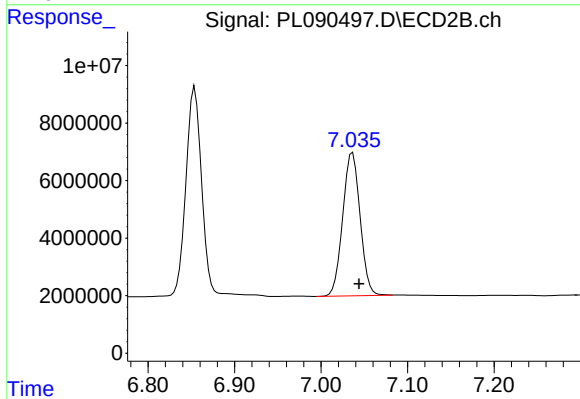
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.007 min
Response: 90300555
Conc: 50.43 ng/ml



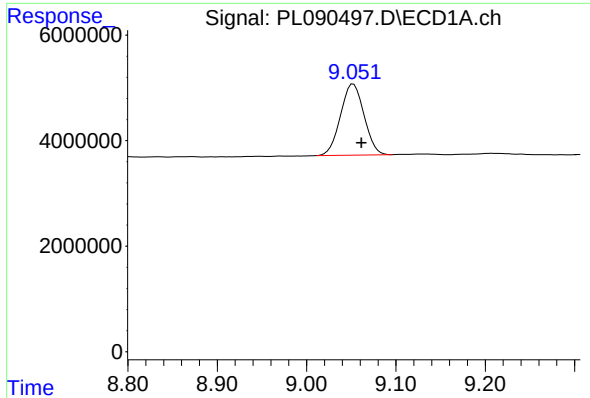
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.008 min
Response: 73544174
Conc: 42.30 ng/ml m



#22 Mirex

R.T.: 7.035 min
Delta R.T.: -0.009 min
Response: 69134588
Conc: 45.27 ng/ml m



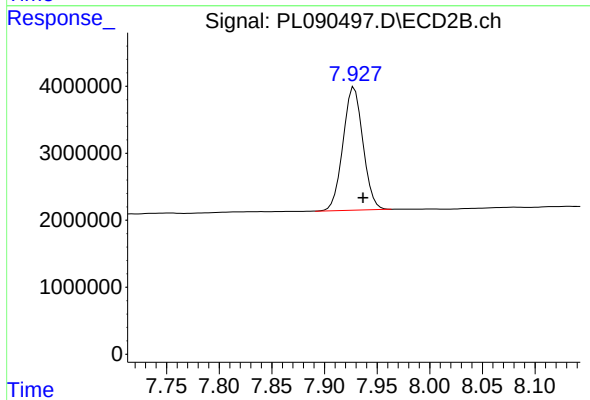
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.009 min
Response: 24693634
Conc: 16.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
FILL-MATERIAL-2MSD

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#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.010 min
Response: 24309998
Conc: 16.30 ng/ml m