

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021425\
 Data File : PL094207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2025 17:57
 Operator : AR\AJ
 Sample : PB166724BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166724BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/16/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 02:23:21 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...	3.537	2.773	46115009	53401056	17.126	16.360
28)	SA Decachlor...	9.049	7.906	42038273	72651888	20.096	20.734
Target Compounds							
2)	A alpha-BHC	3.994	3.275	157.0E6	204.7E6	40.944	41.861
3)	MA gamma-BHC...	4.326	3.605	150.0E6	195.4E6	40.732	41.207
4)	MA Heptachlor	4.913	3.942	147.9E6	207.0E6	45.135	44.461
5)	MB Aldrin	5.255	4.222	138.7E6	190.0E6	42.388	41.655
6)	B beta-BHC	4.524	3.905	69596619	86820658	43.300	43.466
7)	B delta-BHC	4.771	4.133	147.2E6	192.8E6	42.006	40.578
8)	B Heptachlo...	5.681	4.724	126.8E6	183.3E6	42.629	43.854
9)	A Endosulfan I	6.067	5.094	115.7E6	175.0E6	43.764	45.146
10)	B gamma-Chl...	5.937	4.975	124.6E6	192.0E6	44.719	45.298
11)	B alpha-Chl...	6.016	5.037	124.0E6	188.2E6	44.481	44.958
12)	B 4,4'-DDE	6.190	5.226	114.8E6	185.3E6	47.148	46.228
13)	MA Dieldrin	6.341	5.358	120.7E6	191.0E6	43.481	44.465
14)	MA Endrin	6.570	5.632	102.4E6	170.5E6	43.684m	46.172m
15)	B Endosulfa...	6.791	5.928	105.4E6	171.0E6	43.726	46.159
16)	A 4,4'-DDD	6.707	5.781	89463158	148.0E6	47.072	46.898
17)	MA 4,4'-DDT	7.020	6.032	97002406	162.8E6	49.188	50.020
18)	B Endrin al...	6.921	6.108	83380983	134.1E6	42.890	44.045
19)	B Endosulfa...	7.155	6.331	99265162	166.0E6	43.850	46.539
20)	A Methoxychlor	7.497	6.606	52123351	88738857	49.955	49.626
21)	B Endrin ke...	7.640	6.835	110.8E6	194.7E6	43.915	46.402
22)	Mirex	8.113	7.015	85558374	146.6E6	41.085	43.348

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021425\
Data File : PL094207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2025 17:57
Operator : AR\AJ
Sample : PB166724BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

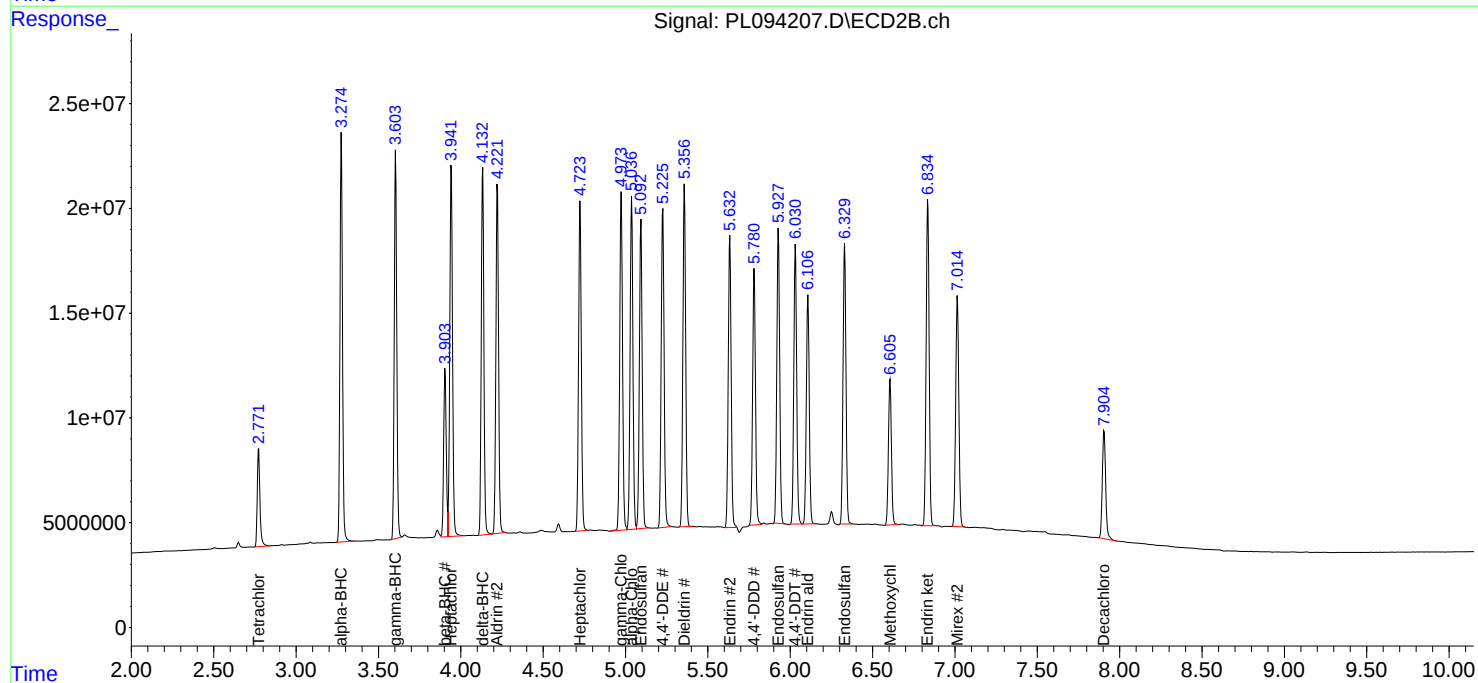
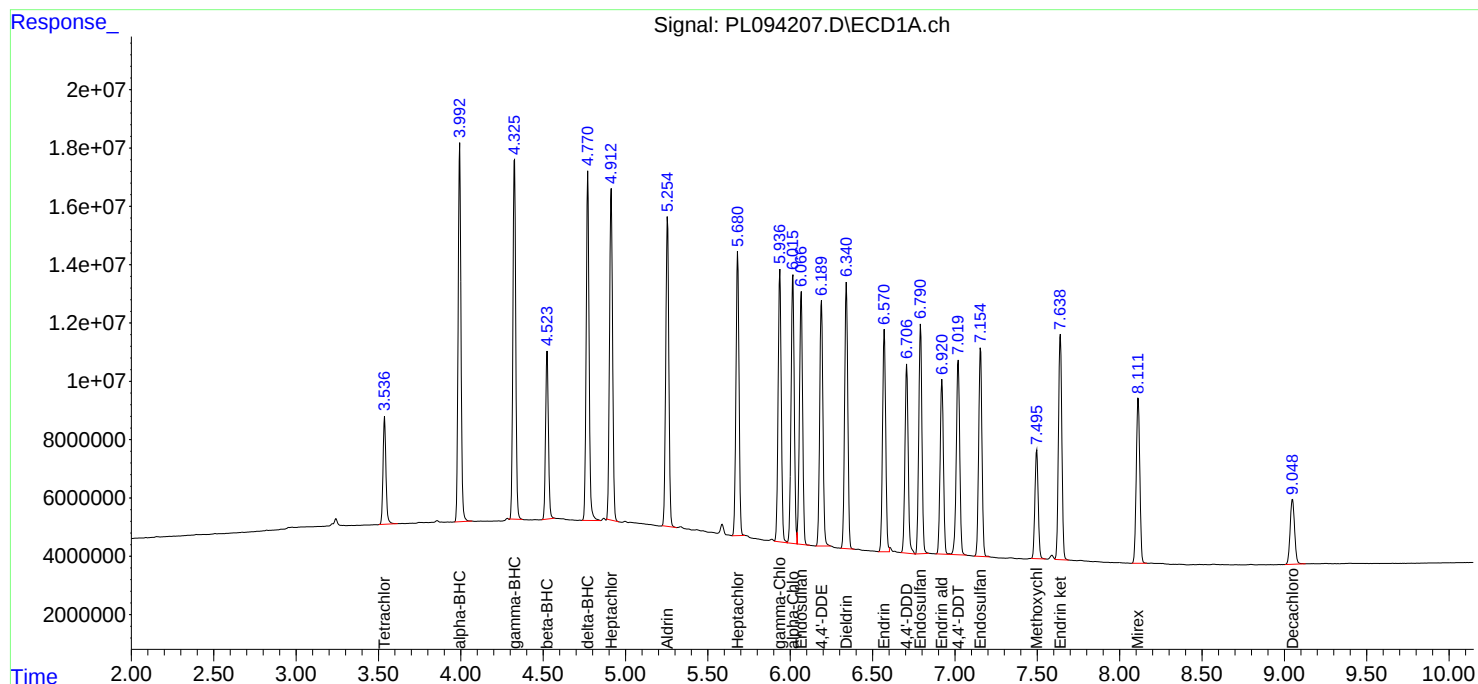
Instrument :
ECD_L
ClientSampleId :
PB166724BS

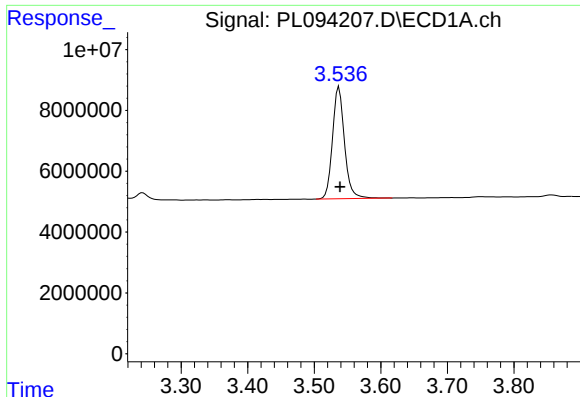
Manual Integrations
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Supervised By :Ankita Jodhani 02/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 02:23:21 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





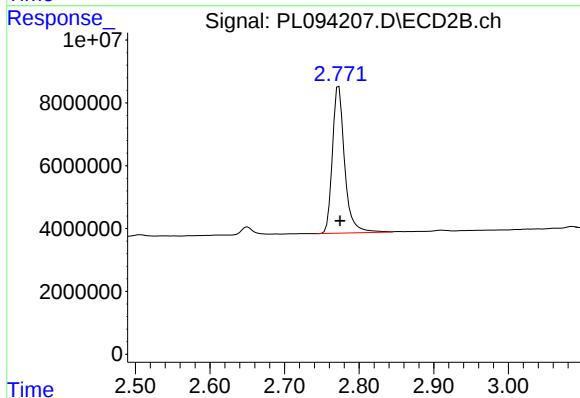
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 46115009
Conc: 17.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

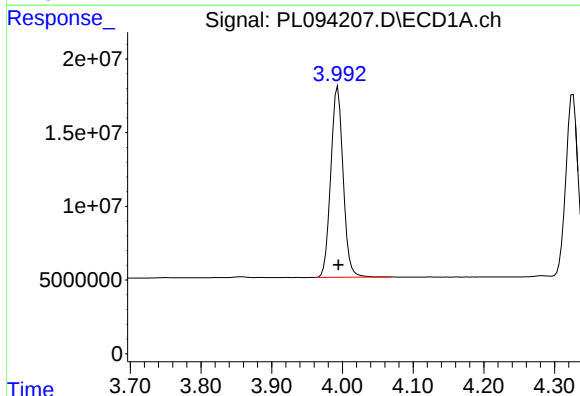
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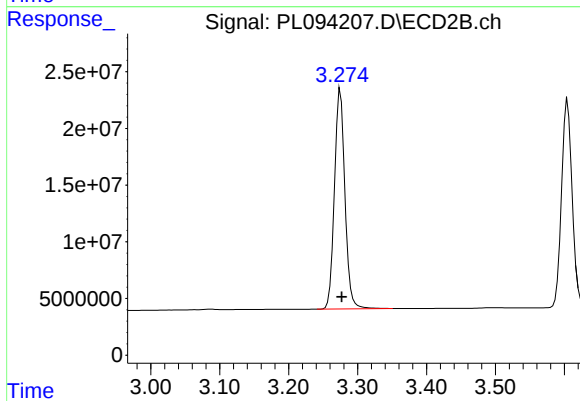
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.002 min
Response: 53401056
Conc: 16.36 ng/ml



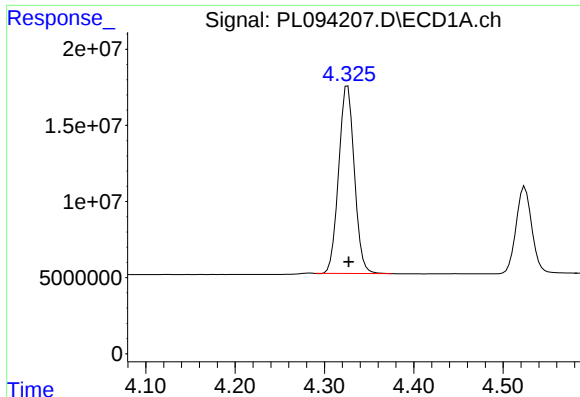
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 156971948
Conc: 40.94 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 204659052
Conc: 41.86 ng/ml



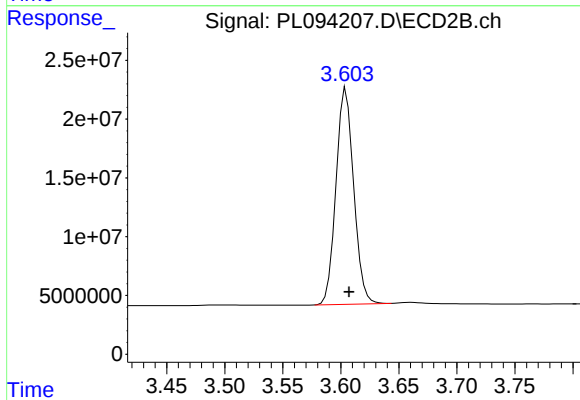
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 150009599
Conc: 40.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

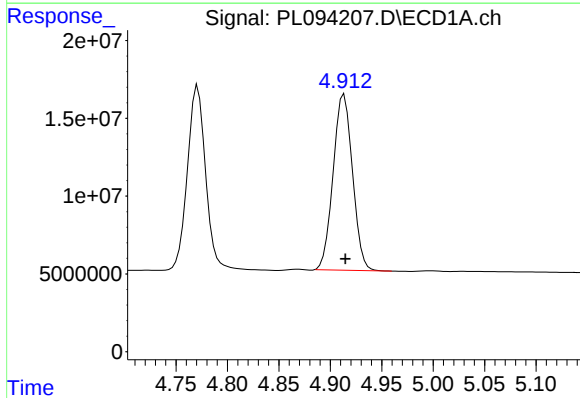
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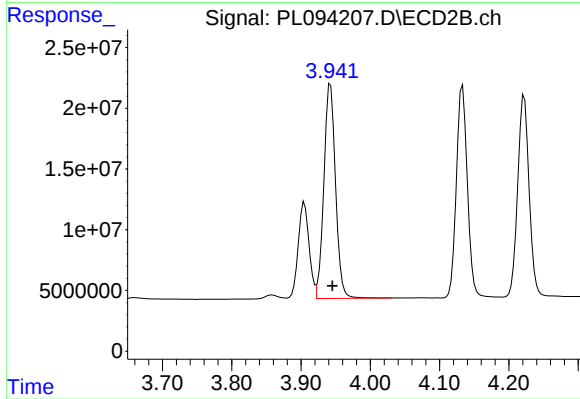
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 195371823
Conc: 41.21 ng/ml



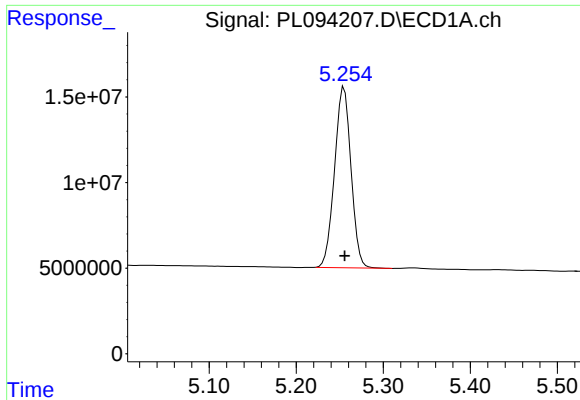
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 147923286
Conc: 45.14 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 206955763
Conc: 44.46 ng/ml



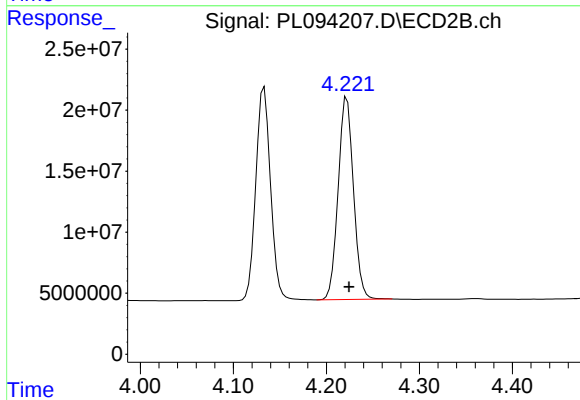
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 138692214
Conc: 42.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

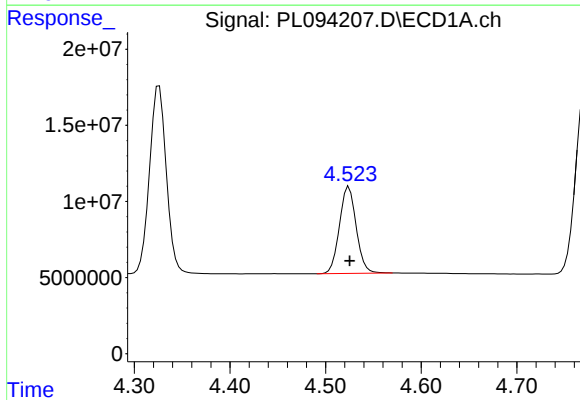
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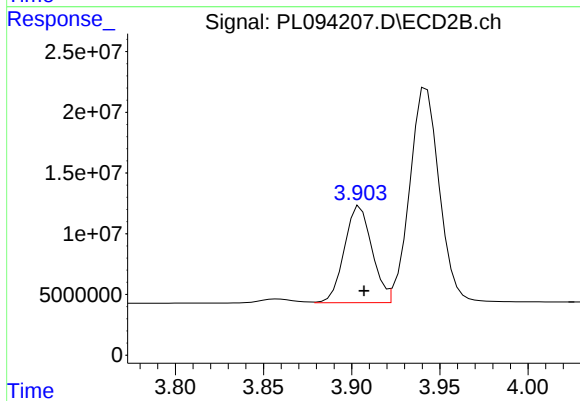
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: -0.002 min
Response: 190019587
Conc: 41.65 ng/ml



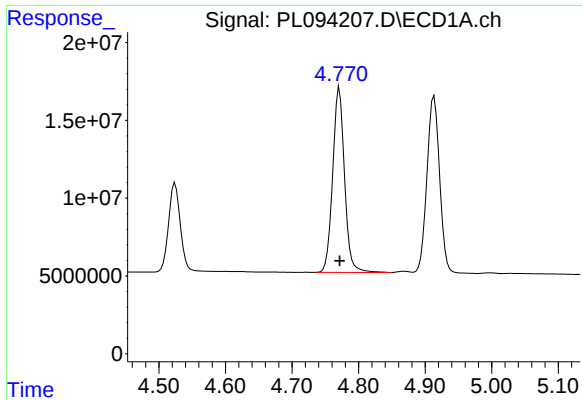
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 69596619
Conc: 43.30 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 86820658
Conc: 43.47 ng/ml



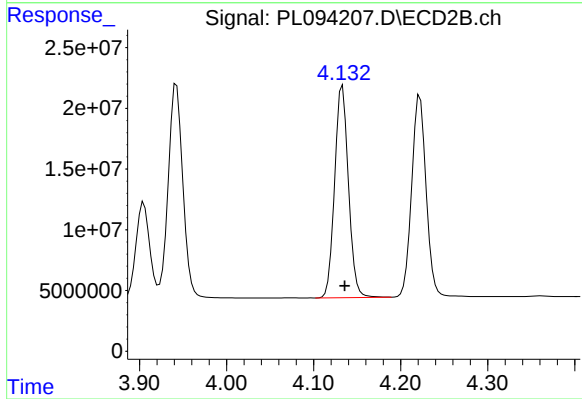
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 147243607
Conc: 42.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

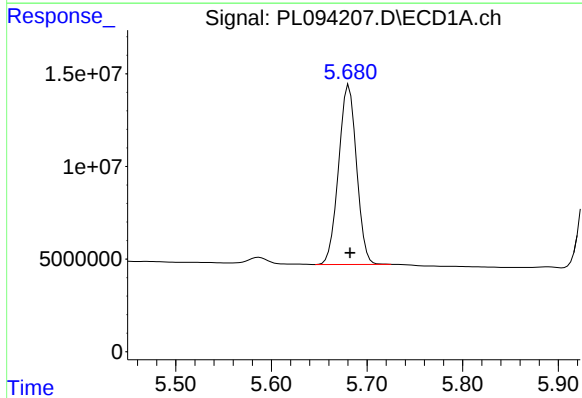
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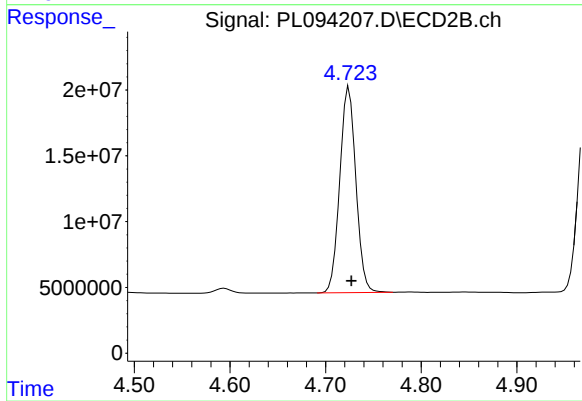
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 192797914
Conc: 40.58 ng/ml



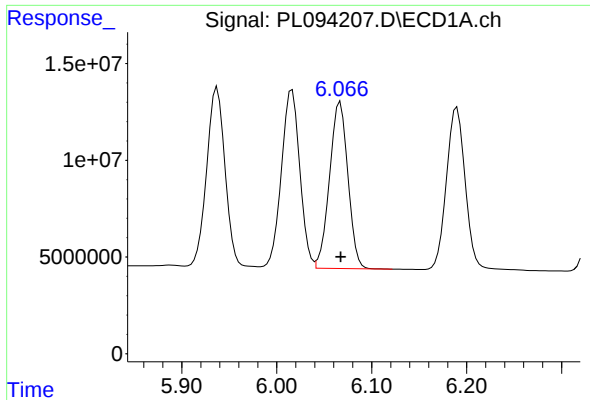
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 126770519
Conc: 42.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 183320212
Conc: 43.85 ng/ml



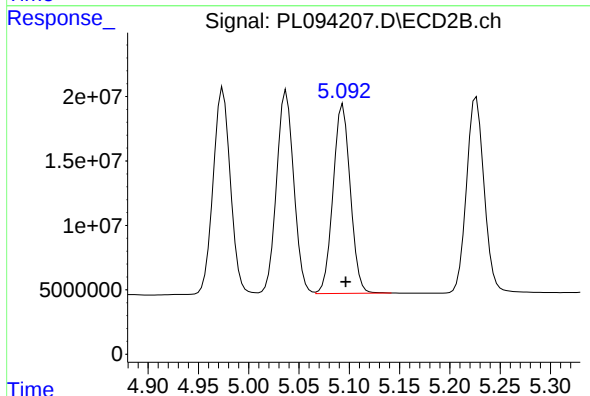
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 115661567
Conc: 43.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

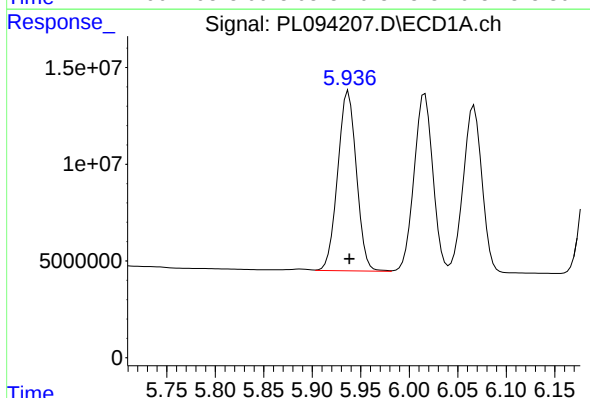
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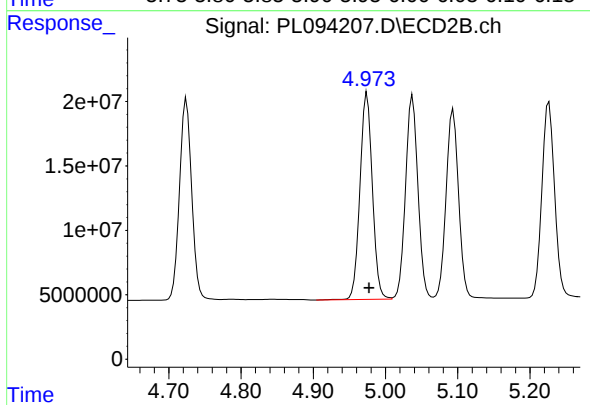
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: -0.003 min
Response: 175026235
Conc: 45.15 ng/ml



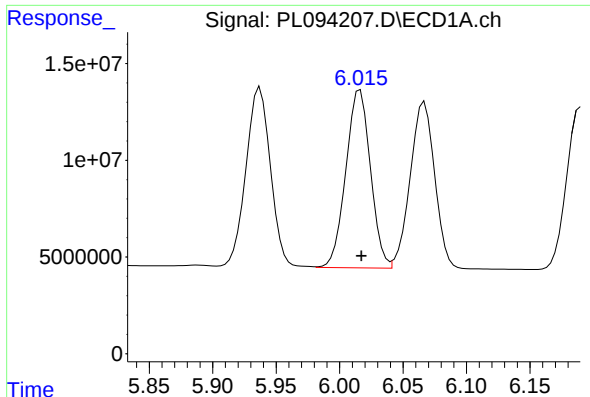
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 124649745
Conc: 44.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.003 min
Response: 191955341
Conc: 45.30 ng/ml



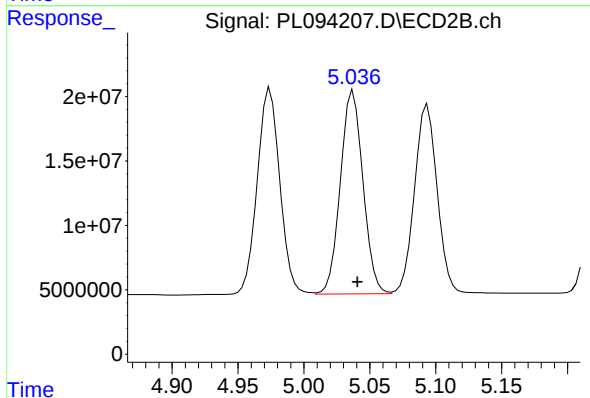
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 124030047
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

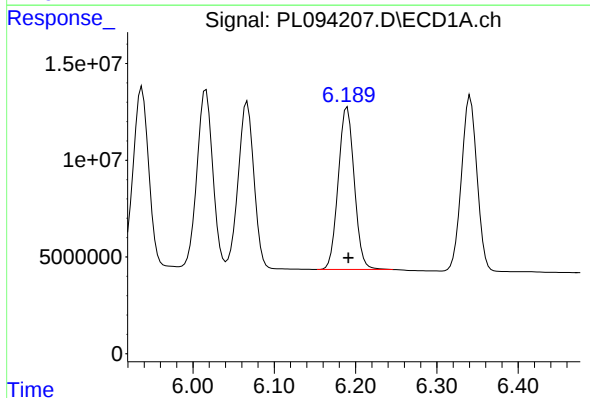
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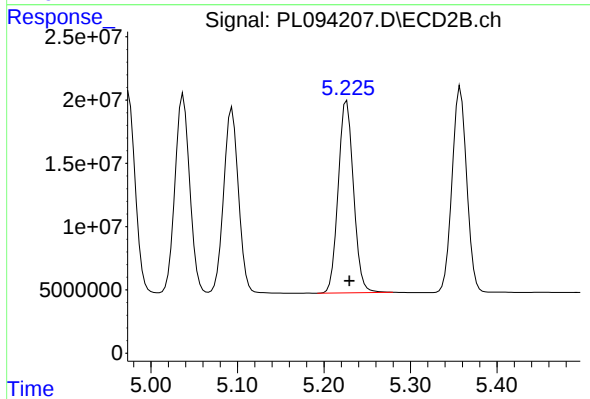
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 188221174
Conc: 44.96 ng/ml



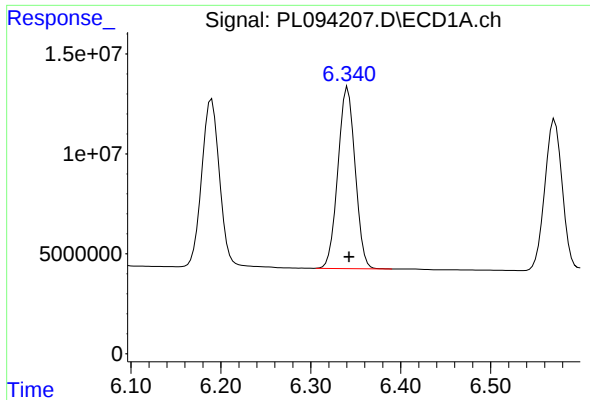
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 114785884
Conc: 47.15 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 185348680
Conc: 46.23 ng/ml



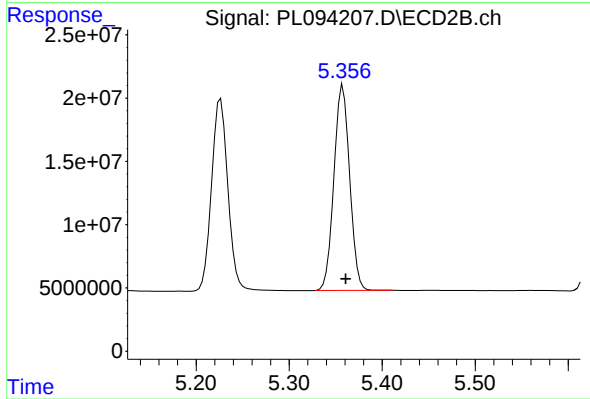
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 120695998
Conc: 43.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

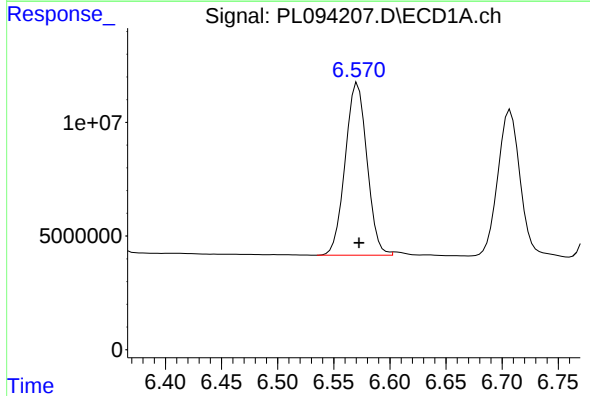
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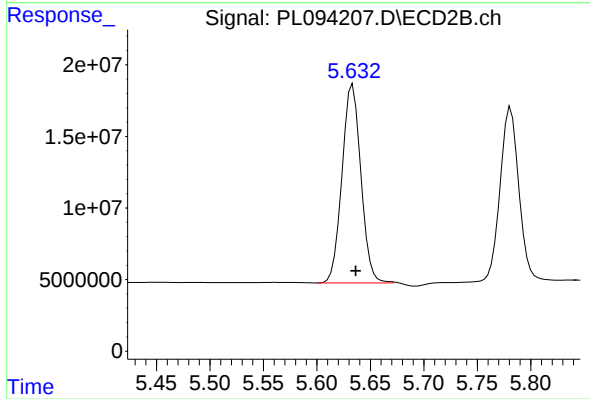
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 191006835
Conc: 44.47 ng/ml



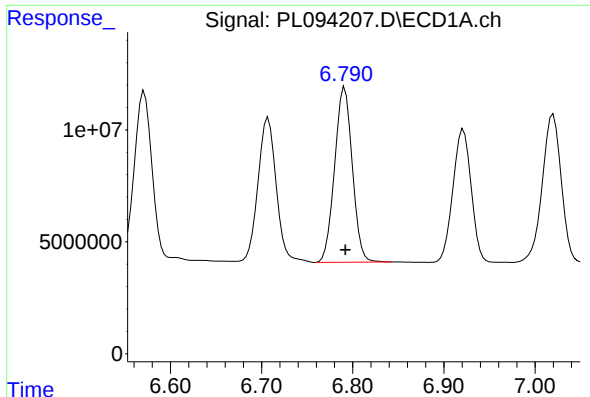
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 102430561
Conc: 43.68 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 170496918
Conc: 46.17 ng/ml m



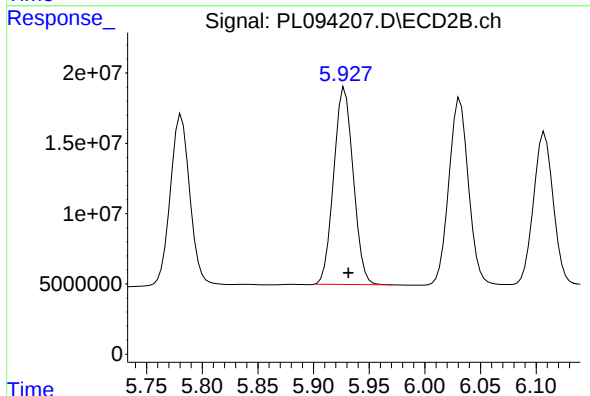
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 105351541
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

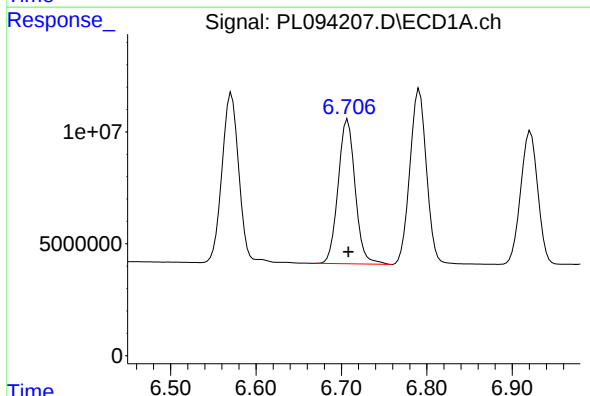
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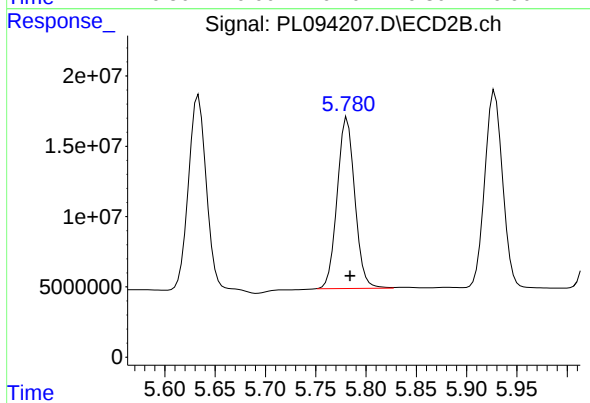
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 170964592
Conc: 46.16 ng/ml



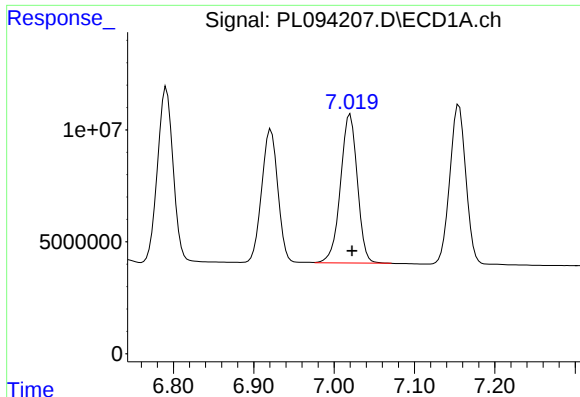
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 89463158
Conc: 47.07 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 148036122
Conc: 46.90 ng/ml



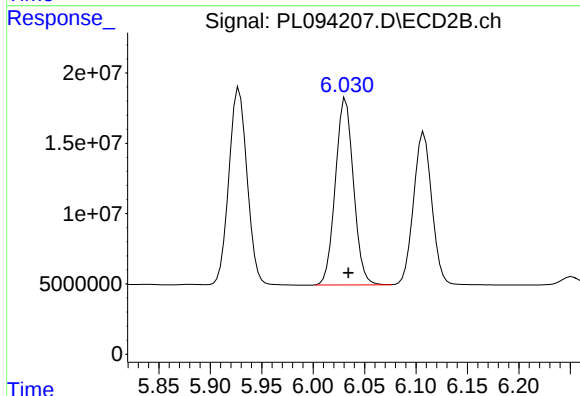
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 97002406
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

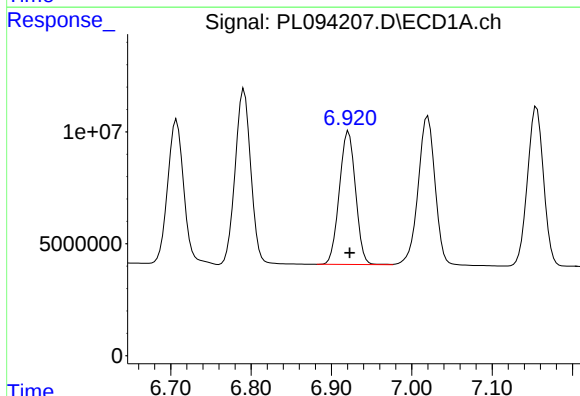
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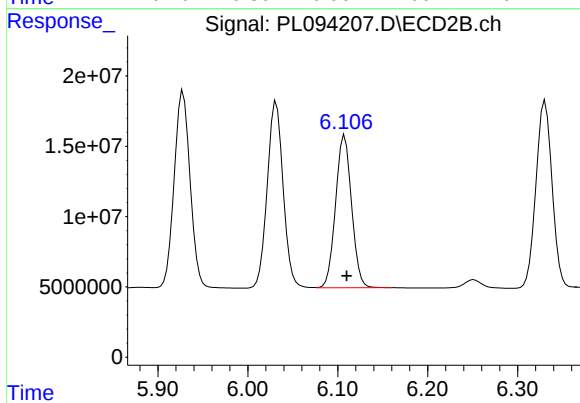
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 162767393
Conc: 50.02 ng/ml



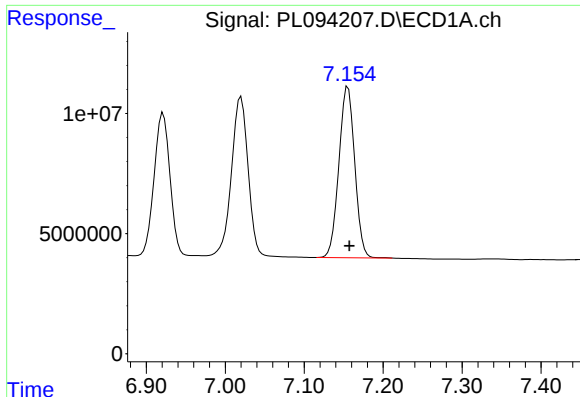
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 83380983
Conc: 42.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 134100696
Conc: 44.04 ng/ml



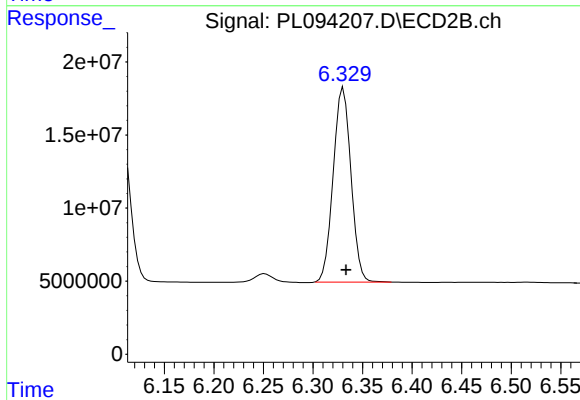
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 99265162
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

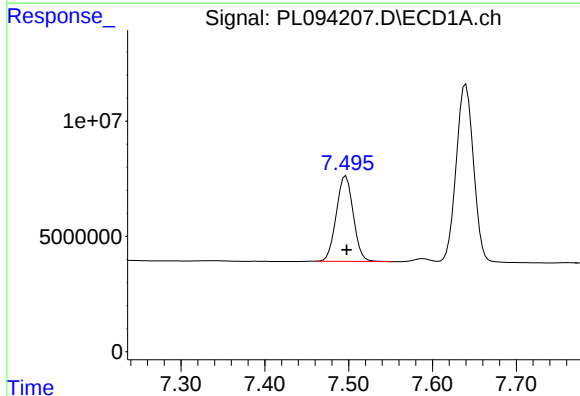
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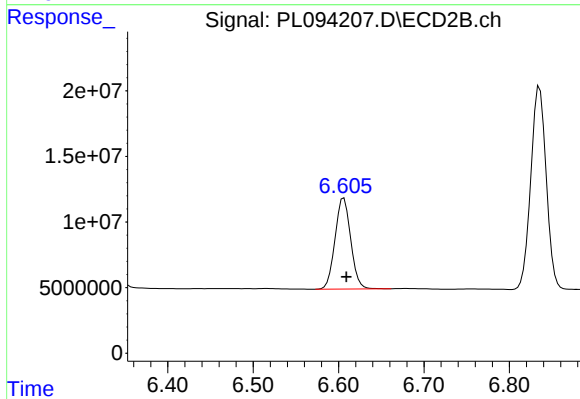
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: -0.003 min
Response: 165963444
Conc: 46.54 ng/ml



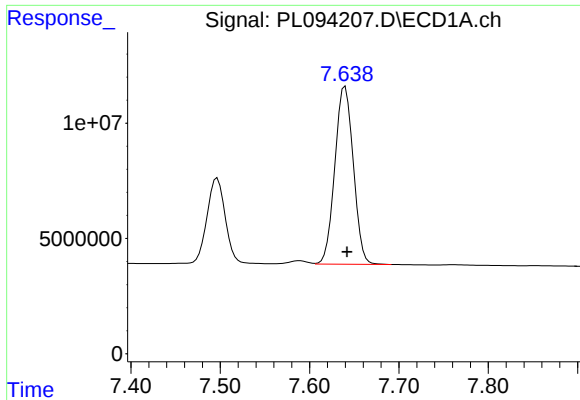
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 52123351
Conc: 49.96 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 88738857
Conc: 49.63 ng/ml



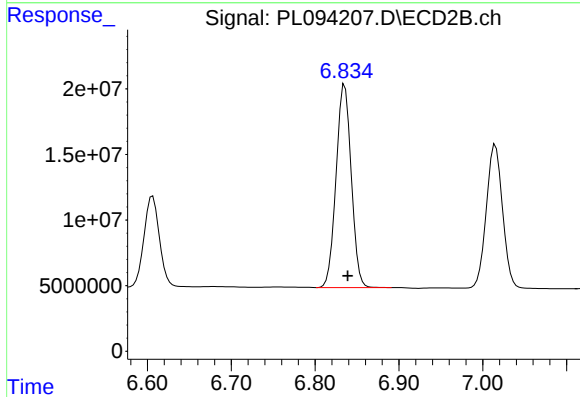
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 110781114
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

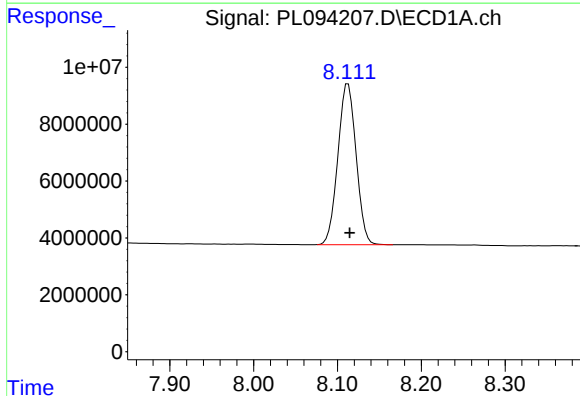
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/16/2025
Supervised By :Ankita Jodhani 02/17/2025



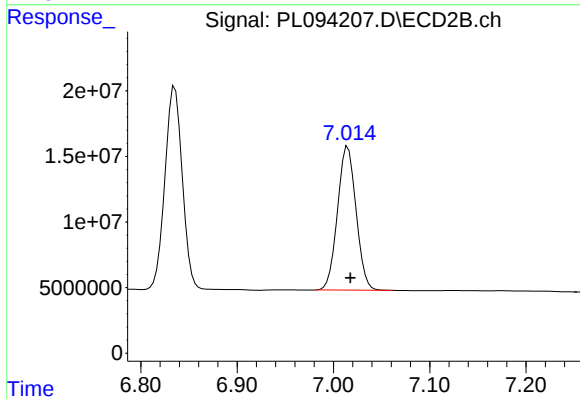
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 194668604
Conc: 46.40 ng/ml



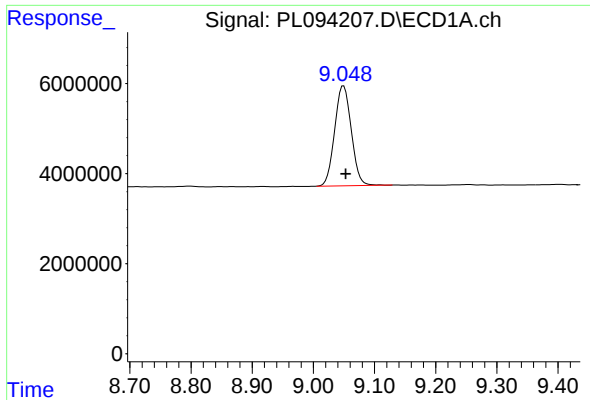
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 85558374
Conc: 41.08 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 146599234
Conc: 43.35 ng/ml



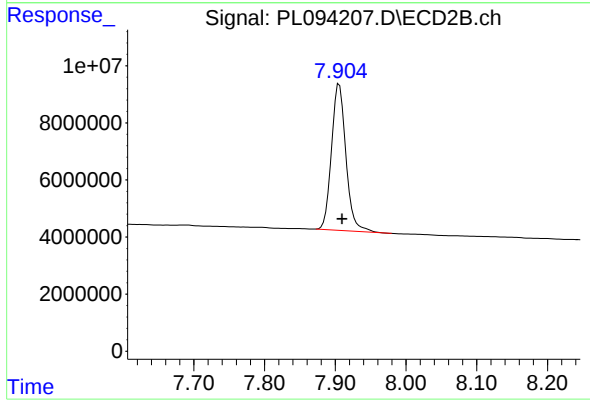
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.003 min
Response: 42038273
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166724BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.004 min
Response: 72651888
Conc: 20.73 ng/ml