

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
 Data File : PL094887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 18:53
 Operator : AR\AJ
 Sample : PB167325BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167325BSD

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 02:07:26 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...	3.535	2.770	56151181	72788562	19.837	20.393
28)	SA Decachlor...	9.051	7.902	43892086	68657203	20.827	16.997
Target Compounds							
2)	A alpha-BHC	3.992	3.272	164.8E6	252.2E6	39.694	46.771
3)	MA gamma-BHC...	4.324	3.601	158.8E6	234.1E6	39.789	45.545
4)	MA Heptachlor	4.912	3.939	151.6E6	234.5E6	39.058	44.512
5)	MB Aldrin	5.254	4.218	144.2E6	220.4E6	39.050	45.194
6)	B beta-BHC	4.524	3.901	74494585	103.2E6	40.372	46.467
7)	B delta-BHC	4.768	4.130	131.5E6	171.0E6	33.779m	34.190
8)	B Heptachlo...	5.680	4.720	135.2E6	206.2E6	40.415	45.045
9)	A Endosulfan I	6.066	5.090	126.5E6	191.0E6	41.217	43.527
10)	B gamma-Chl...	5.936	4.970	137.0E6	210.6E6	40.657	43.624
11)	B alpha-Chl...	6.015	5.034	134.6E6	205.5E6	40.824	43.049
12)	B 4,4'-DDE	6.189	5.221	134.0E6	208.8E6	45.562	44.913m
13)	MA Dieldrin	6.341	5.353	133.6E6	208.7E6	41.769	43.012
14)	MA Endrin	6.571	5.630	113.8E6	189.1E6	41.063	43.329
15)	B Endosulfa...	6.791	5.924	113.3E6	187.5E6	41.729	43.312
16)	A 4,4'-DDD	6.707	5.777	99496539	168.9E6	45.934	46.976
17)	MA 4,4'-DDT	7.020	6.027	104.3E6	176.5E6	43.836	43.770
18)	B Endrin al...	6.921	6.103	88058650	139.9E6	41.714	41.583
19)	B Endosulfa...	7.156	6.327	97679096	164.1E6	40.164	40.289
20)	A Methoxychlor	7.497	6.602	53084318	94584165	44.345	44.593
21)	B Endrin ke...	7.640	6.832	112.7E6	198.3E6	42.627	41.553
22)	Mirex	8.113	7.011	82893267	147.5E6	40.117	38.863

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
Data File : PL094887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 18:53
Operator : AR\AJ
Sample : PB167325BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

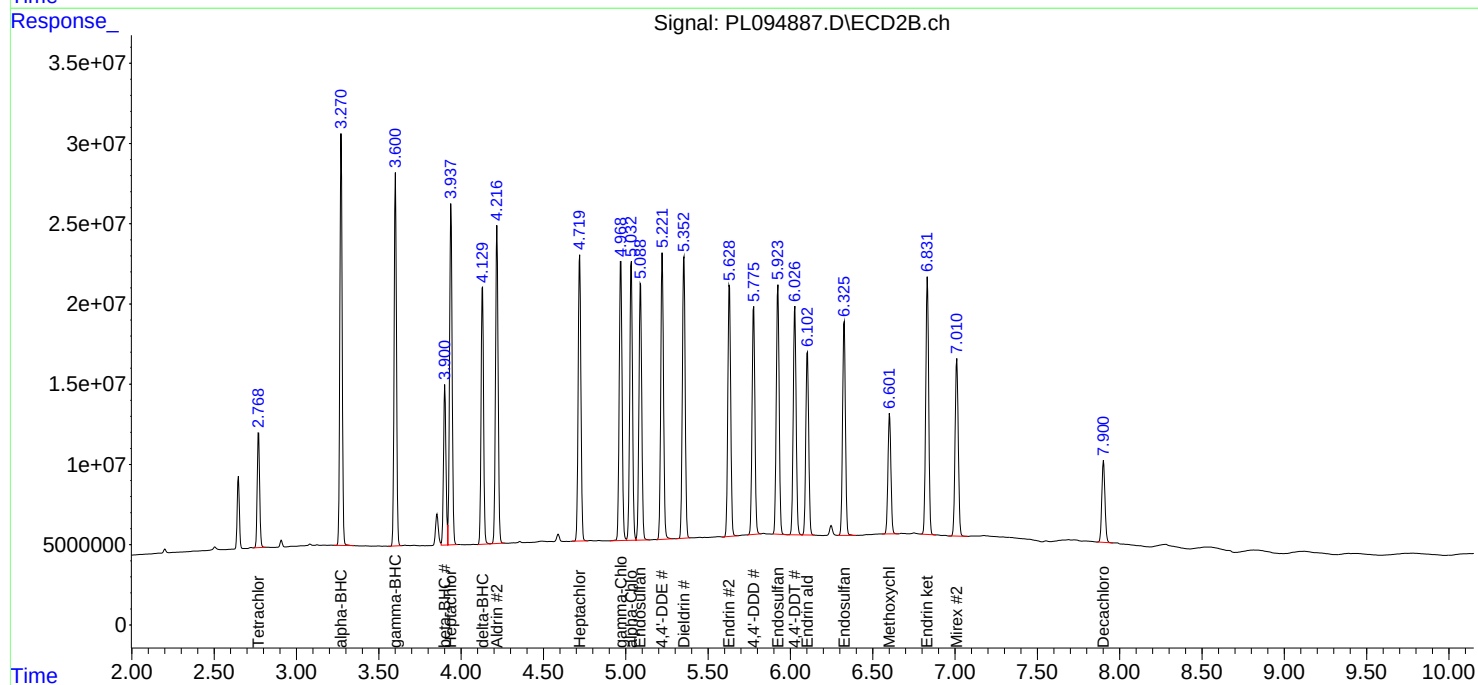
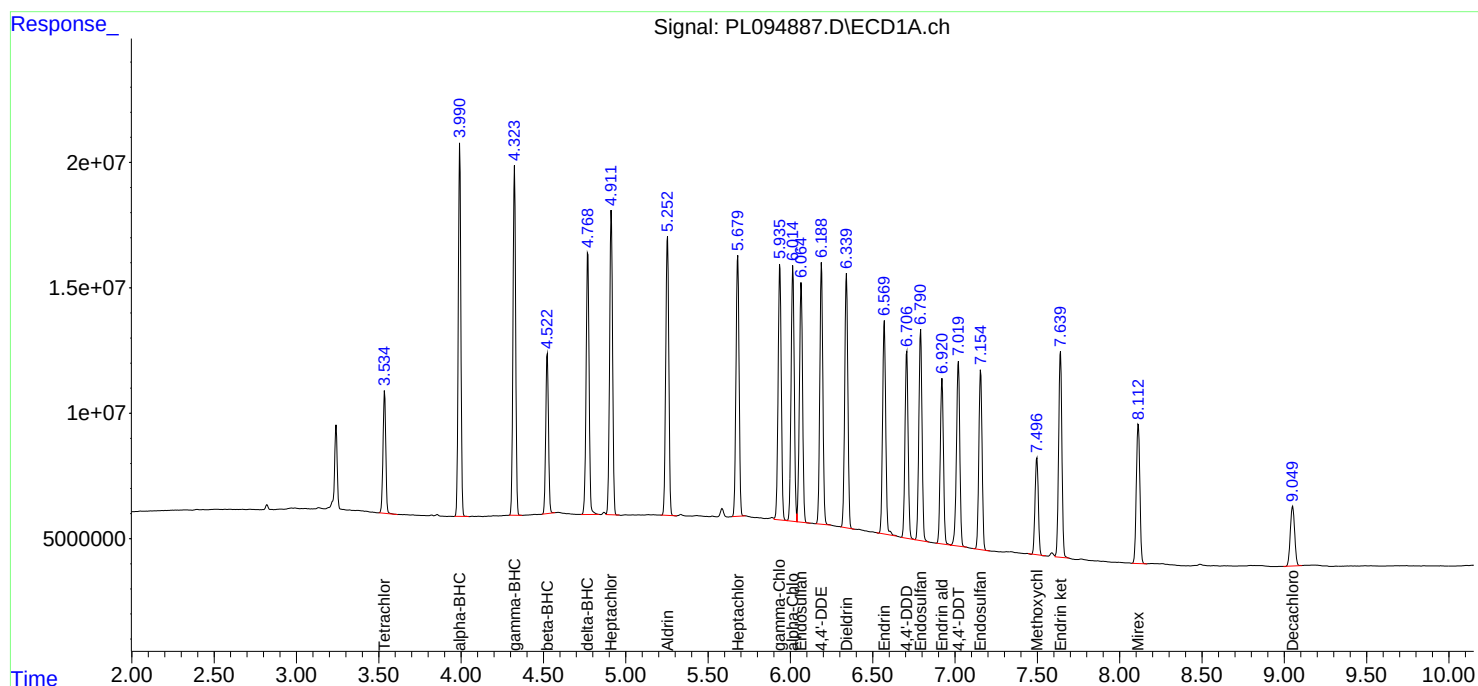
Instrument :
ECD_L
ClientSampleId :
PB167325BSD

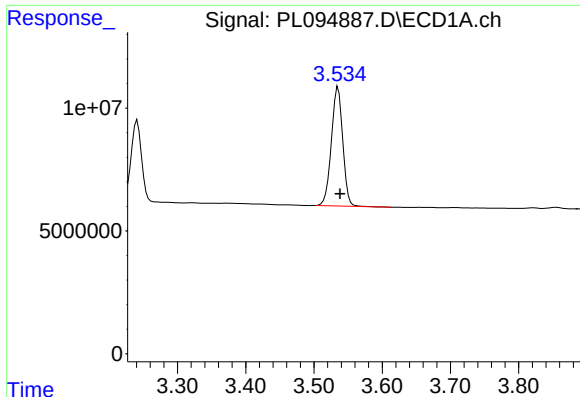
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 02:07:26 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





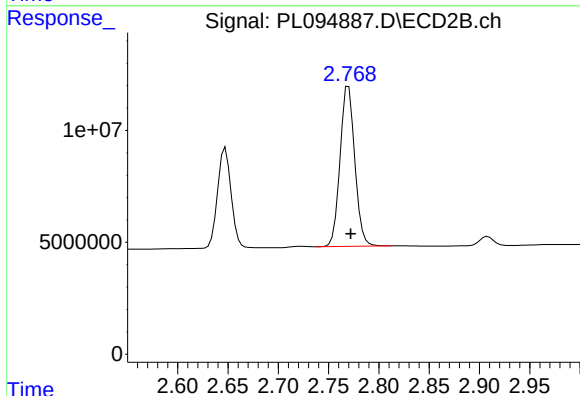
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 56151181
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

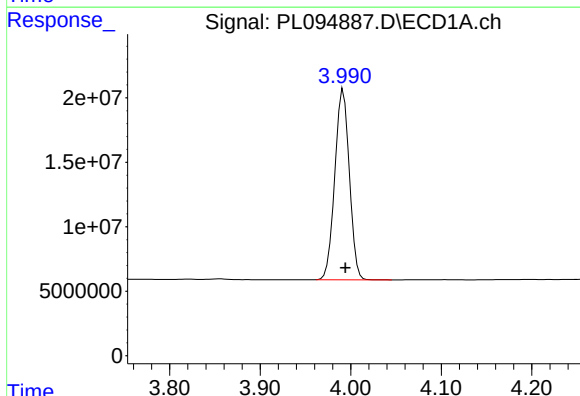
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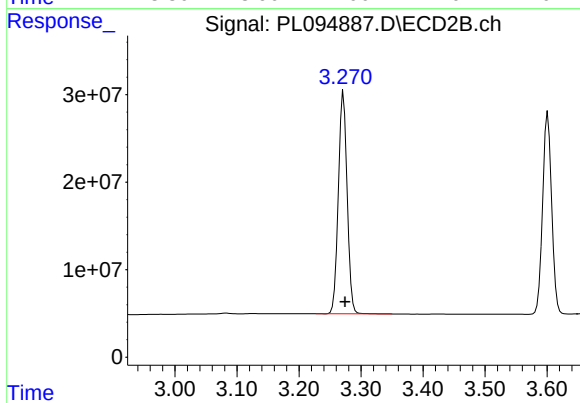
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 72788562
Conc: 20.39 ng/ml



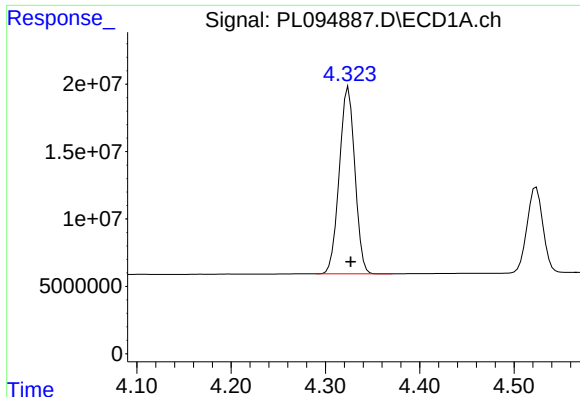
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 164822317
Conc: 39.69 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 252157477
Conc: 46.77 ng/ml



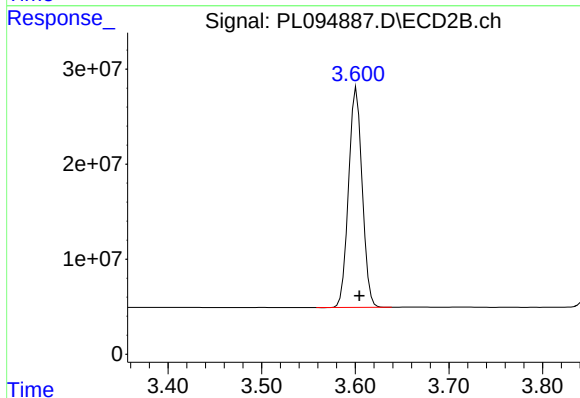
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 158769063
Conc: 39.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

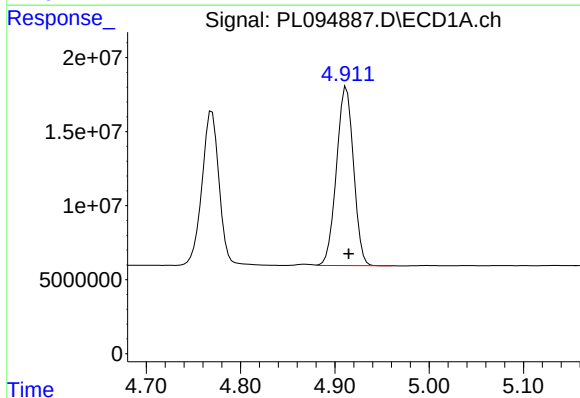
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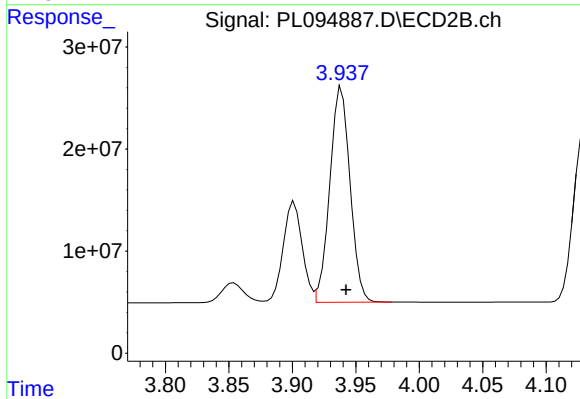
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 234075986
Conc: 45.54 ng/ml



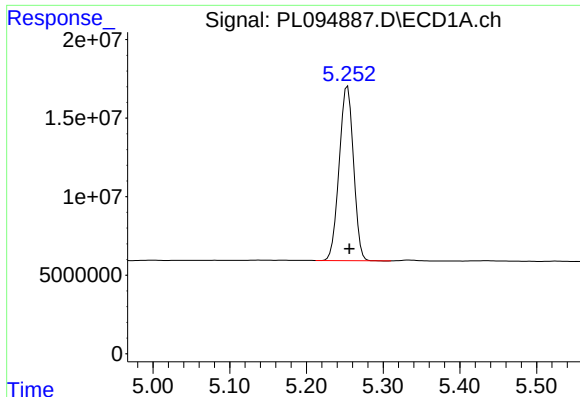
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 151609621
Conc: 39.06 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 234518424
Conc: 44.51 ng/ml



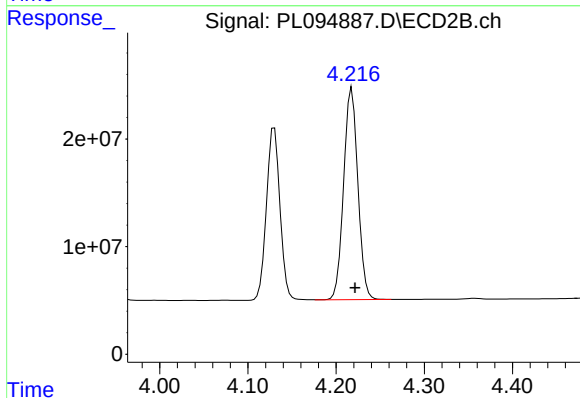
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 144180990
Conc: 39.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

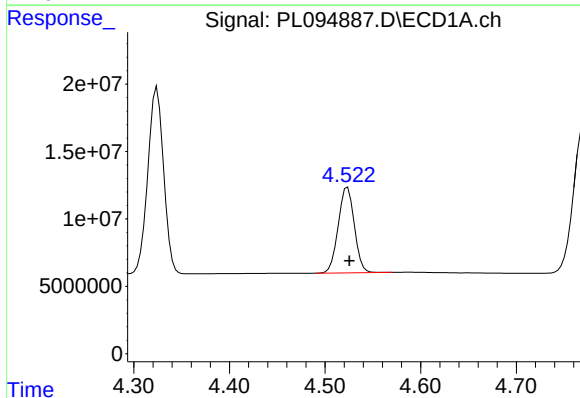
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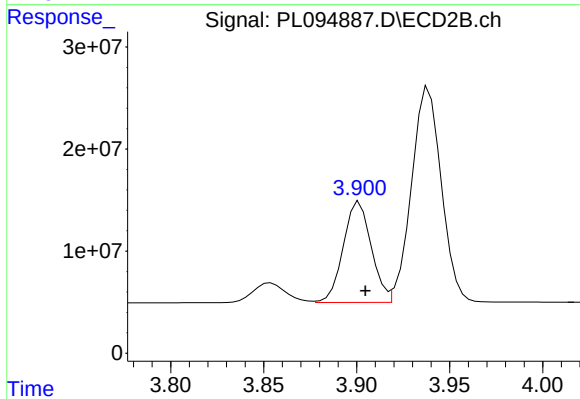
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 220379540
Conc: 45.19 ng/ml



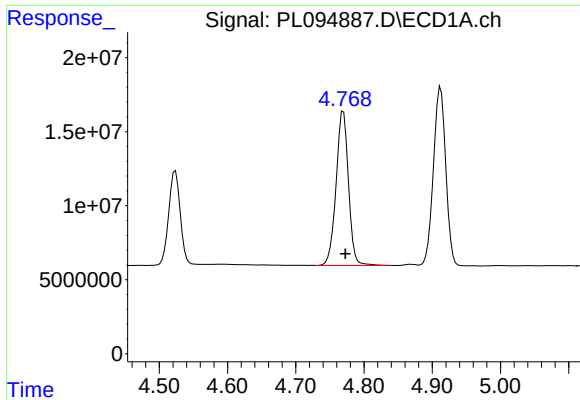
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 74494585
Conc: 40.37 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 103216699
Conc: 46.47 ng/ml



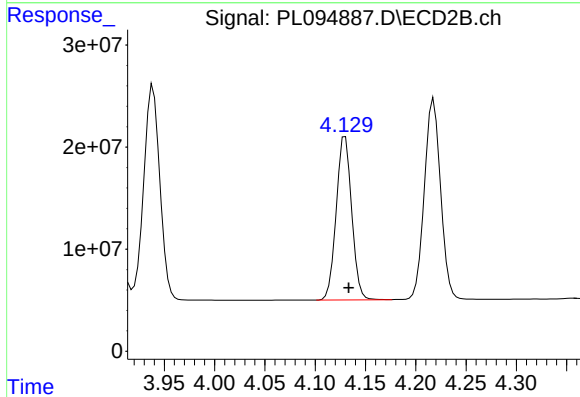
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 131545506
Conc: 33.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

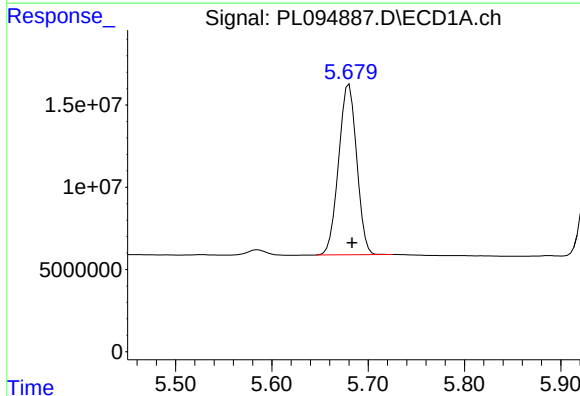
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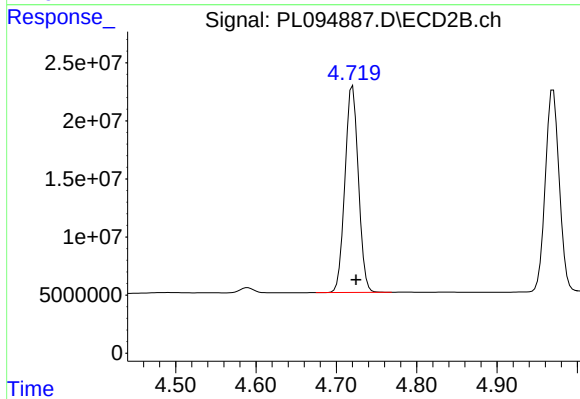
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 171017246
Conc: 34.19 ng/ml



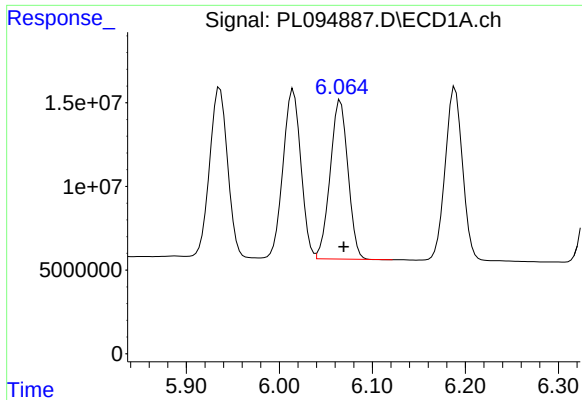
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 135194885
Conc: 40.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 206242394
Conc: 45.05 ng/ml



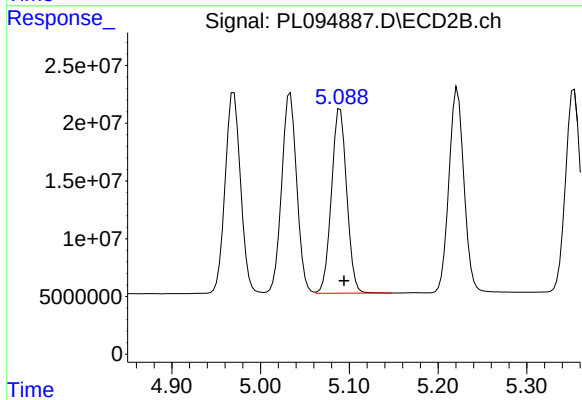
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 126543924
Conc: 41.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

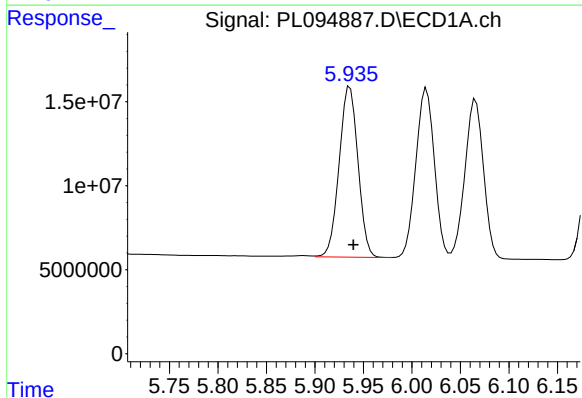
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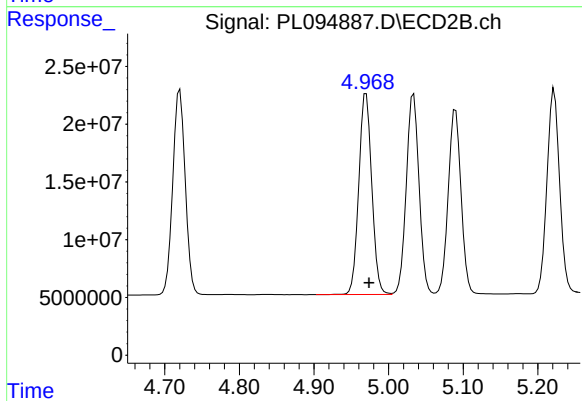
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 191026946
Conc: 43.53 ng/ml



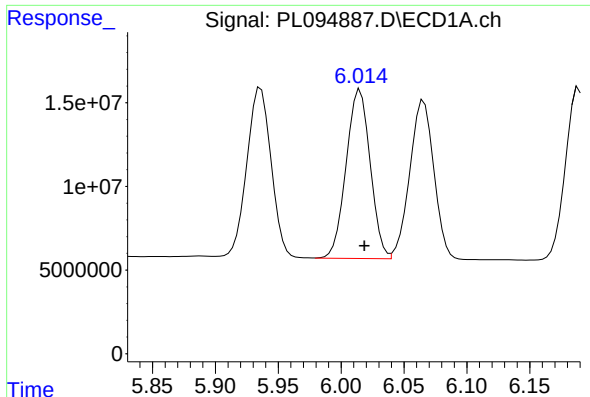
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 136987478
Conc: 40.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 210635871
Conc: 43.62 ng/ml



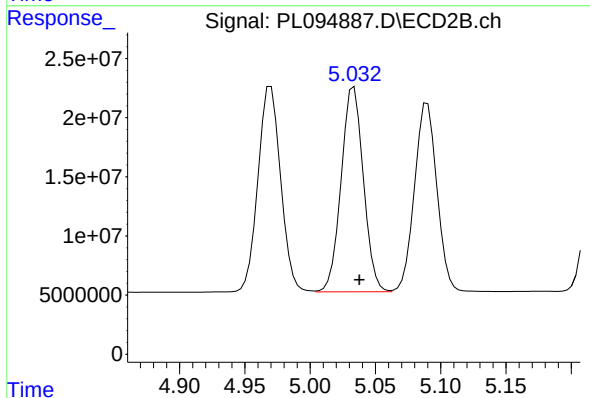
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 134591644
Conc: 40.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

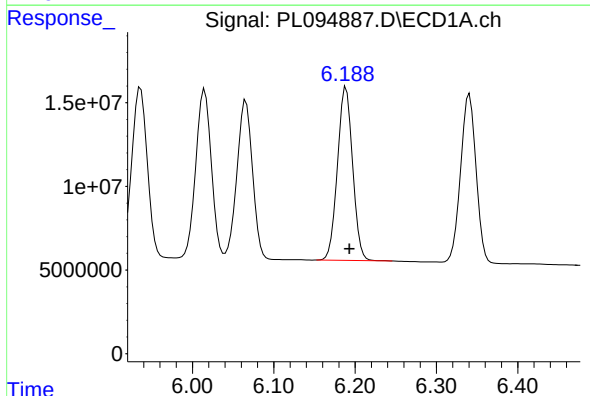
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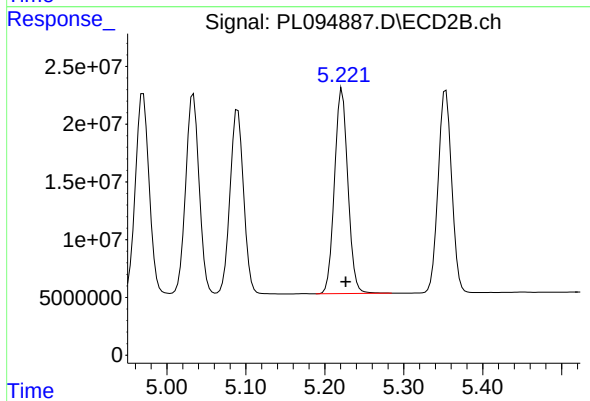
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 205460728
Conc: 43.05 ng/ml



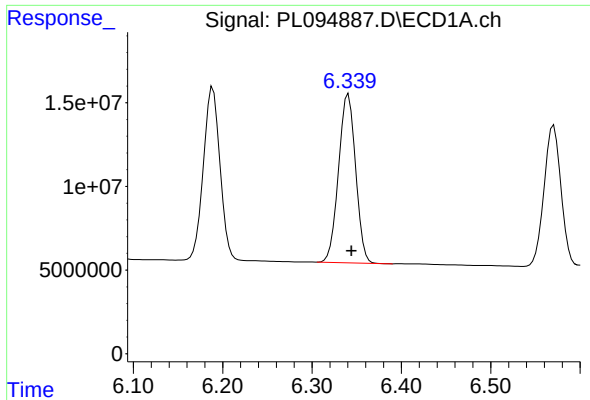
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 134047097
Conc: 45.56 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 208777339
Conc: 44.91 ng/ml m



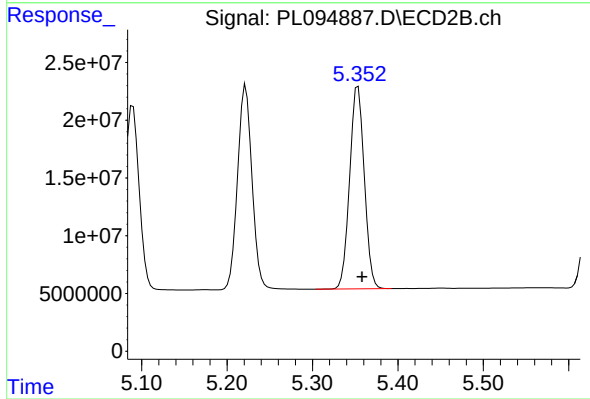
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 133582698
Conc: 41.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

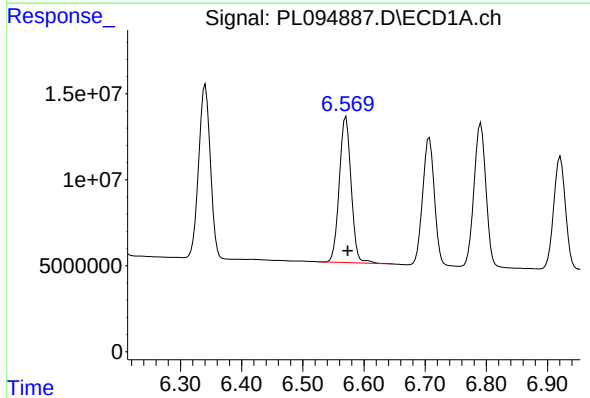
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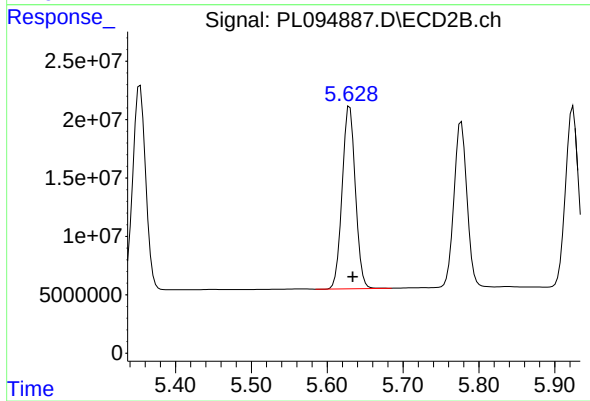
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 208687715
Conc: 43.01 ng/ml



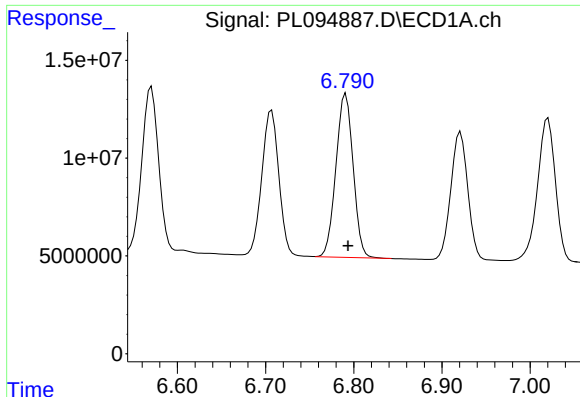
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 113828386
Conc: 41.06 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 189071521
Conc: 43.33 ng/ml



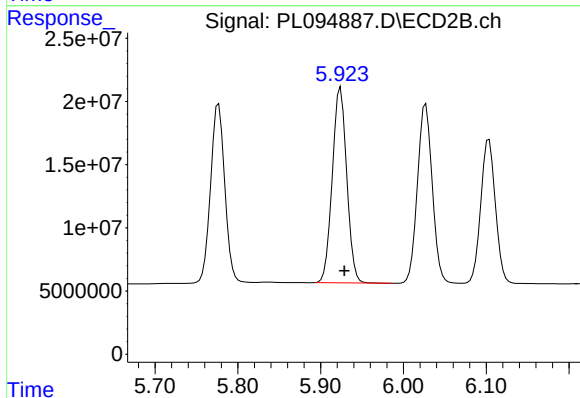
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 113284849
Conc: 41.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

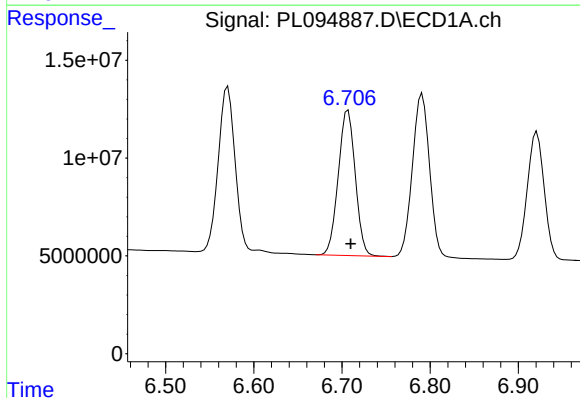
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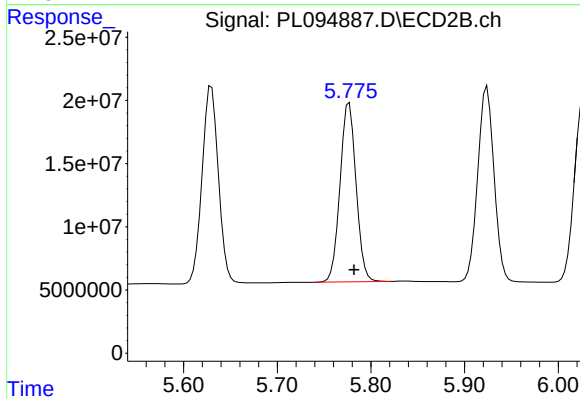
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 187467642
Conc: 43.31 ng/ml



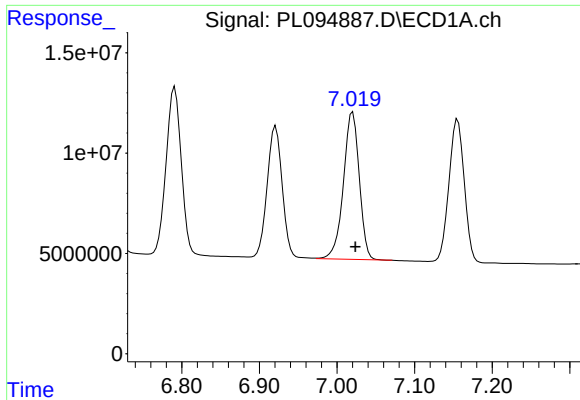
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 99496539
Conc: 45.93 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 168921385
Conc: 46.98 ng/ml



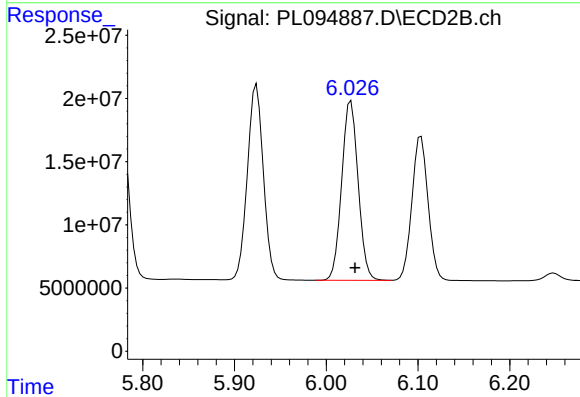
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 104264830
Conc: 43.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

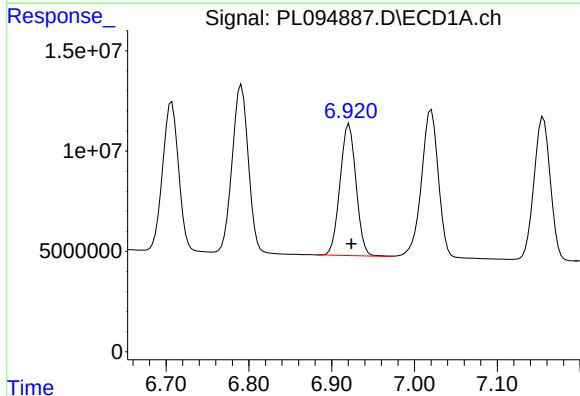
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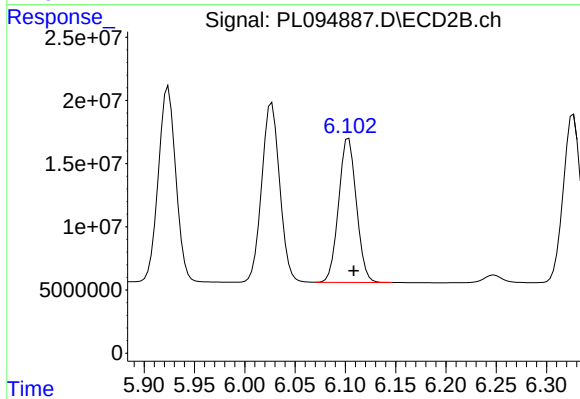
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 176484188
Conc: 43.77 ng/ml



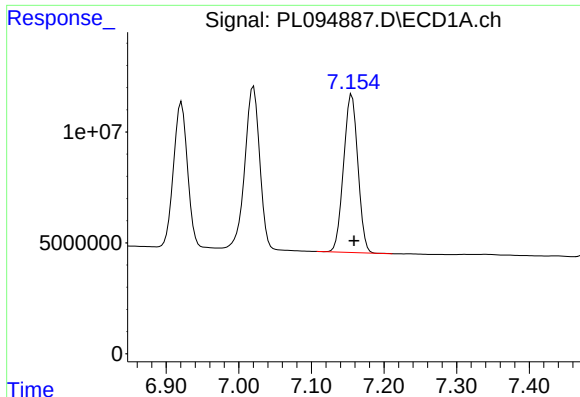
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 88058650
Conc: 41.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 139941141
Conc: 41.58 ng/ml



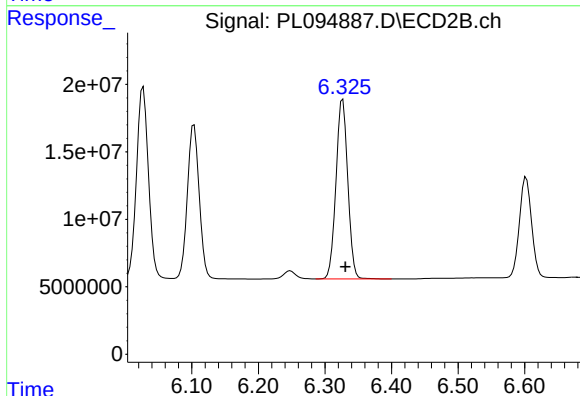
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 97679096
Conc: 40.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

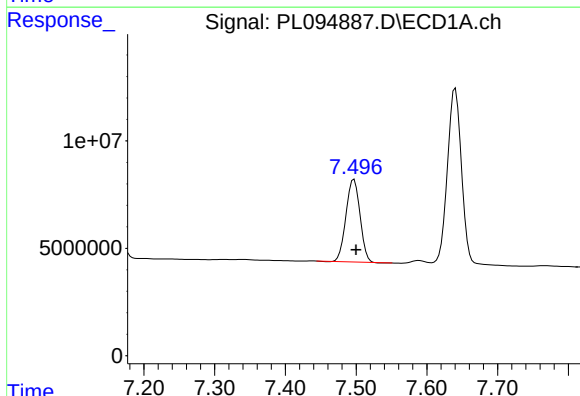
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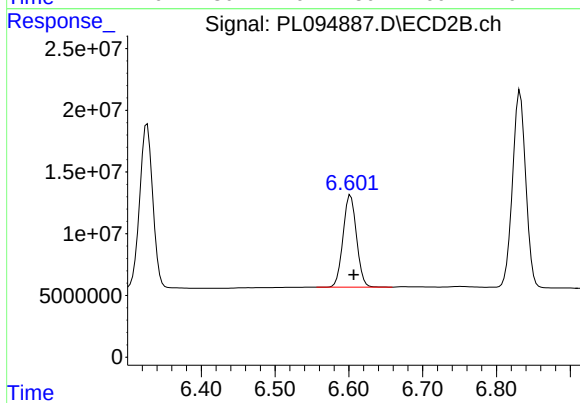
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 164113019
Conc: 40.29 ng/ml



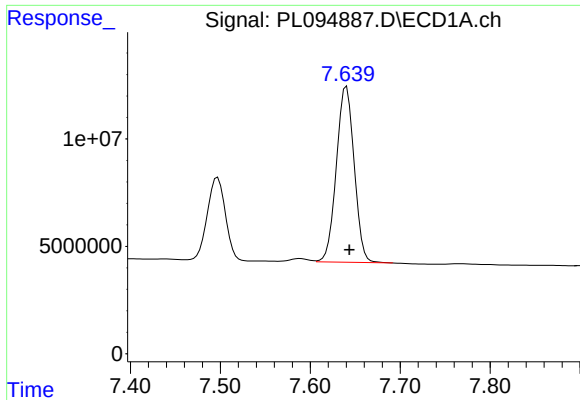
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 53084318
Conc: 44.35 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.004 min
Response: 94584165
Conc: 44.59 ng/ml



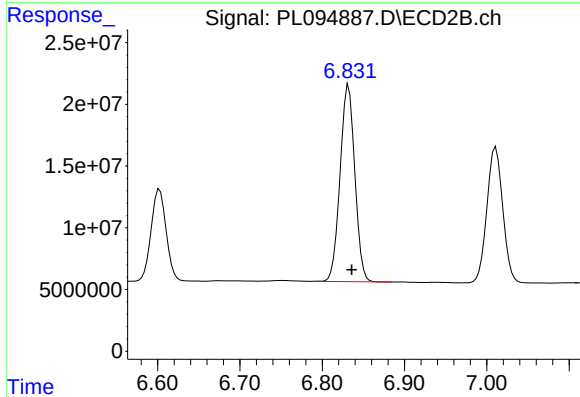
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 112675363
Conc: 42.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

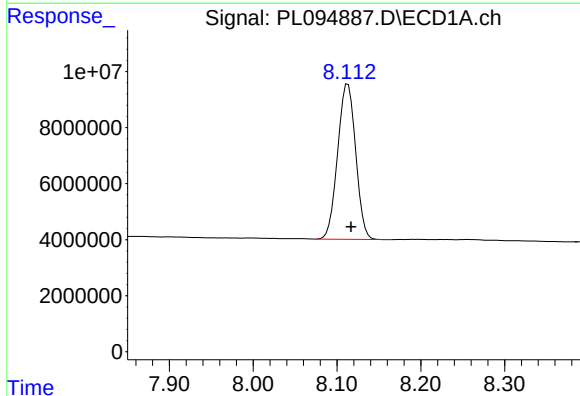
Manual Integrations
APPROVED

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



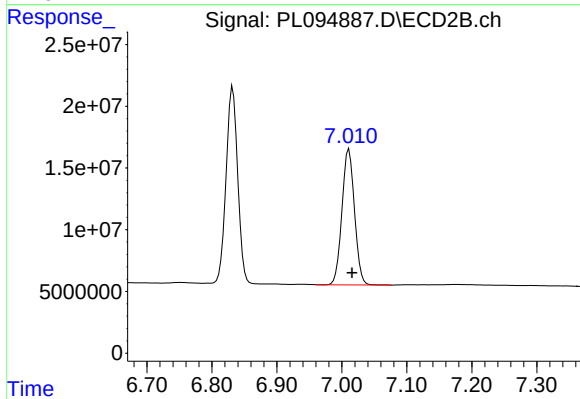
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 198313588
Conc: 41.55 ng/ml



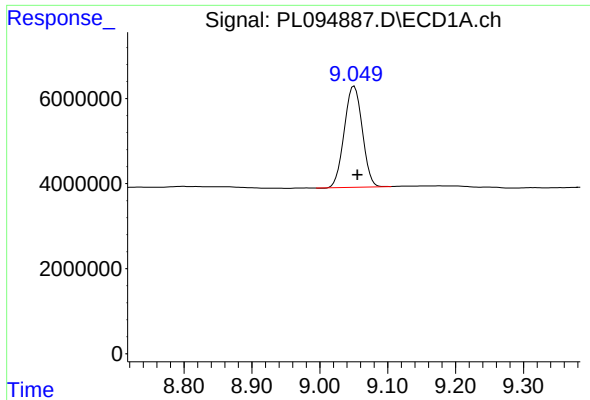
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 82893267
Conc: 40.12 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 147498970
Conc: 38.86 ng/ml



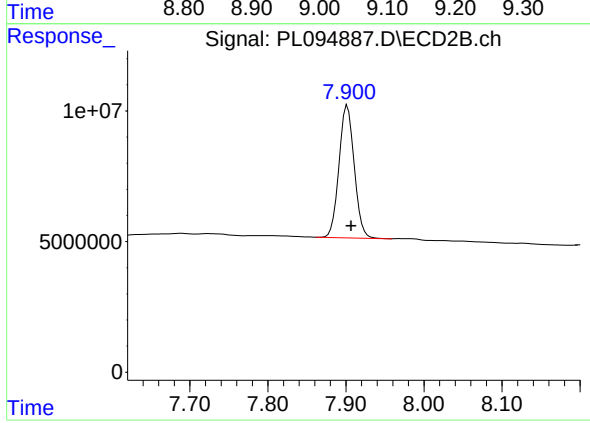
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 43892086
Conc: 20.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167325BSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 68657203
Conc: 17.00 ng/ml