

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 16:24
 Operator : AR\AJ
 Sample : Q2726-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WBR-PBOMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:50:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.533	2.828	50506760	77984954	15.879m	16.322
2)	SA Decachlor...	9.012	7.989	32260884	52221212	13.529m	12.037m
Target Compounds							
2)	A alpha-BHC	3.982	3.333	240.9E6	367.3E6	52.066	51.899
3)	MA gamma-BHC...	4.310	3.665	221.3E6	342.2E6	50.028	51.826
4)	MA Heptachlor	4.902	4.014	215.3E6	327.0E6	51.817	49.088
5)	MB Aldrin	5.241	4.295	218.0E6	316.5E6	50.695	50.995m
6)	B beta-BHC	4.497	3.961	93442040	141.2E6	51.769	50.043
7)	B delta-BHC	4.741	4.194	216.4E6	331.4E6	54.250m	51.194
8)	B Heptachlo...	5.661	4.799	198.9E6	288.3E6	51.587	50.483
9)	A Endosulfan I	6.042	5.170	192.4E6	311.1E6	53.508	56.237
10)	B gamma-Chl...	5.915	5.051	202.8E6	303.5E6	53.301	51.619
11)	B alpha-Chl...	5.995	5.115	201.5E6	290.3E6	52.262	49.210
12)	B 4,4'-DDE	6.165	5.303	160.2E6	279.2E6	49.899	50.631
13)	MA Dieldrin	6.315	5.434	191.7E6	310.6E6	51.668	52.593
14)	MA Endrin	6.541	5.708	154.9E6	265.7E6	51.164	49.143
15)	B Endosulfa...	6.754	6.001	163.5E6	277.9E6	51.053	54.096
16)	A 4,4'-DDD	6.673	5.856	148.5E6	238.0E6	58.737	50.579
17)	MA 4,4'-DDT	6.988	6.108	134.0E6	225.8E6	46.715	44.638
18)	B Endrin al...	6.883	6.178	122.4E6	206.2E6	57.025	55.912
19)	B Endosulfa...	7.116	6.402	149.3E6	256.8E6	51.945	50.498
20)	A Methoxychlor	7.461	6.680	71354917	123.0E6	48.595	44.891
21)	B Endrin ke...	7.595	6.906	166.6E6	277.7E6	55.417	49.863
22)	Mirex	8.075	7.095	132.0E6	217.5E6	53.225	49.885m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
Data File : PL096674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 16:24
Operator : AR\AJ
Sample : Q2726-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

WBR-PBOMS

Manual Integrations

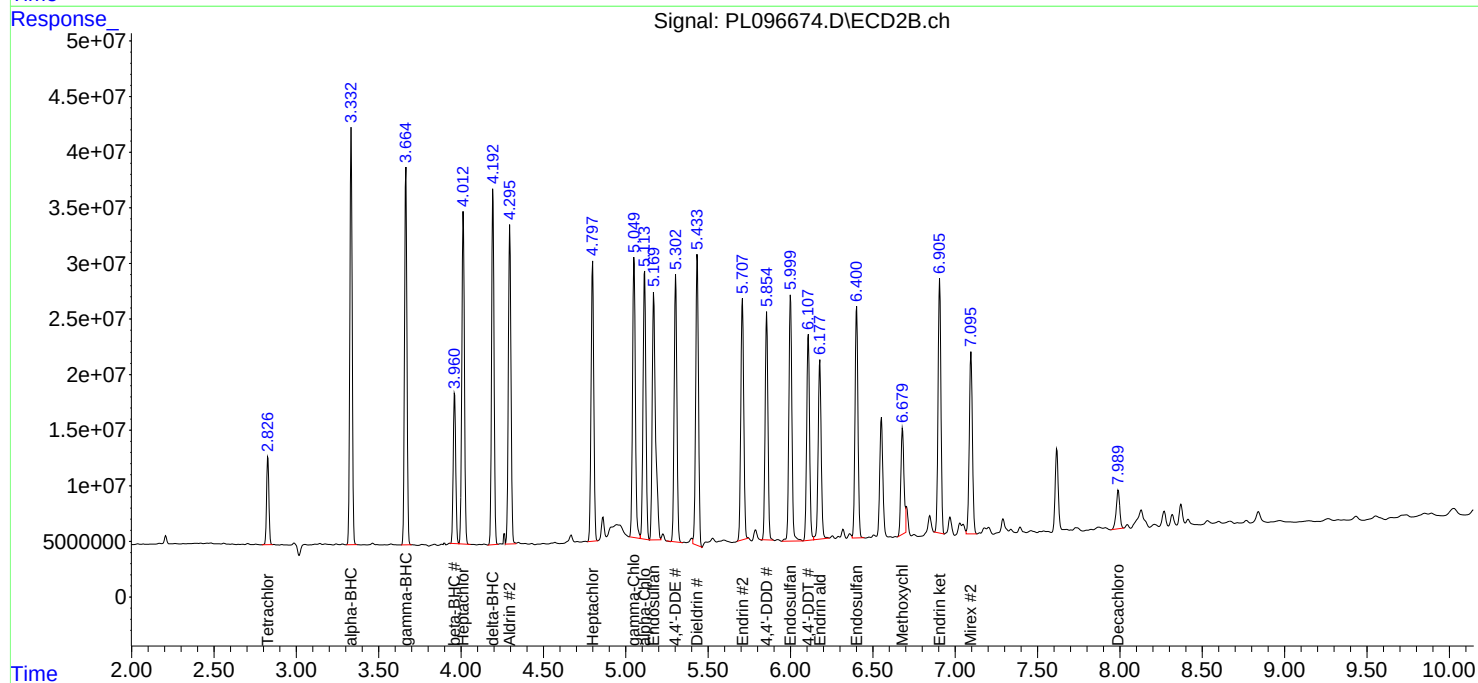
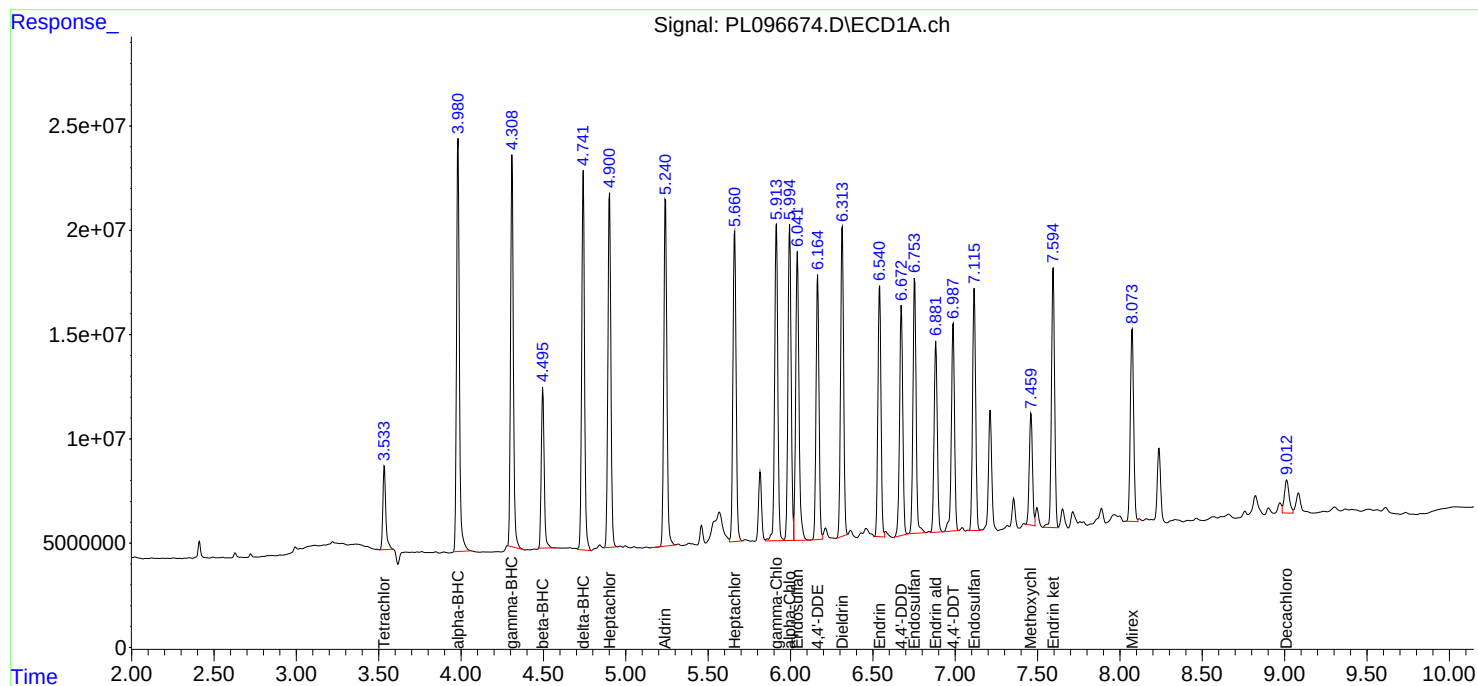
APPROVED

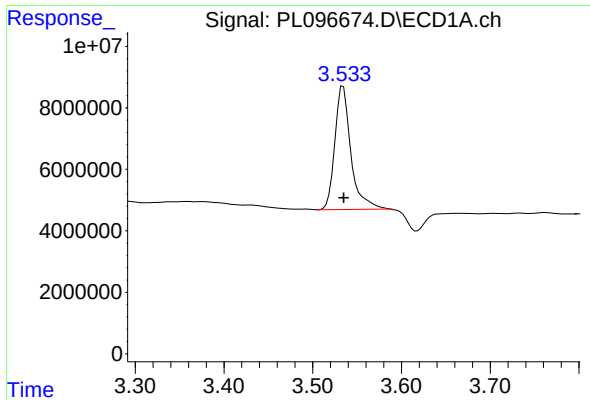
Reviewed By :Yogesh Patel 08/01/2025

Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 02:50:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





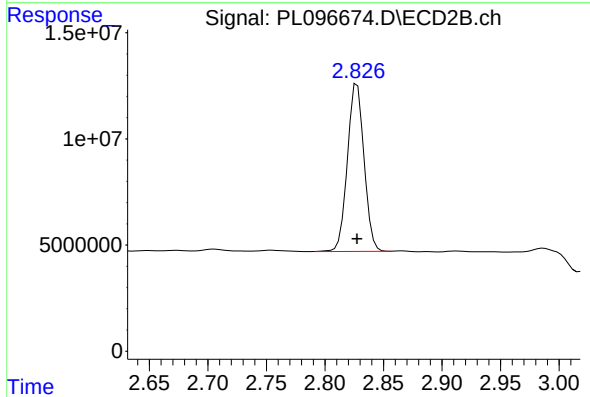
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 50506760
Conc: 15.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

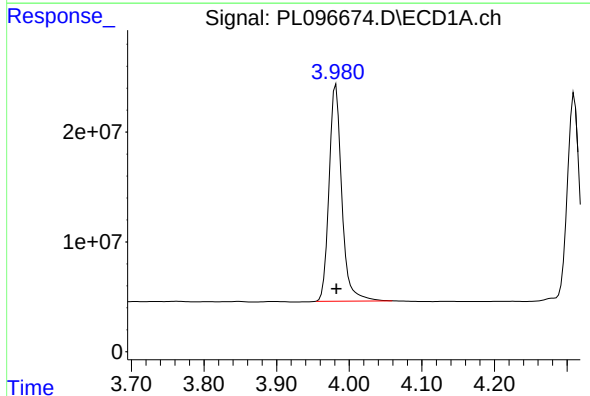
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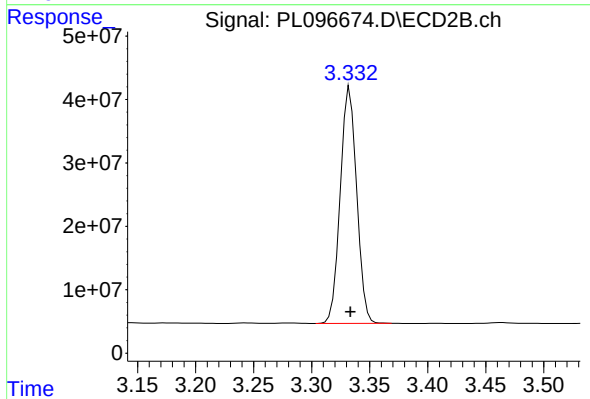
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 77984954
Conc: 16.32 ng/ml



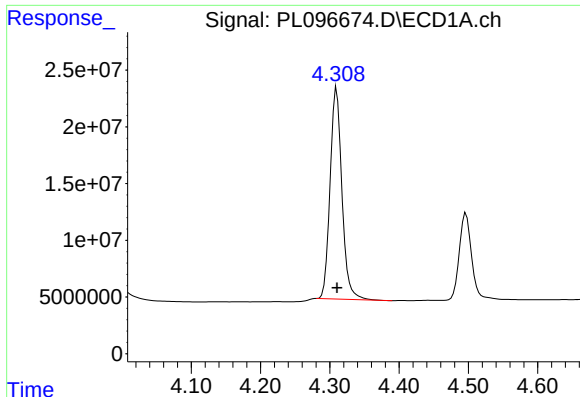
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 240876353
Conc: 52.07 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 367294011
Conc: 51.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 221294518
Conc: 50.03 ng/ml

Instrument :

ECD_L

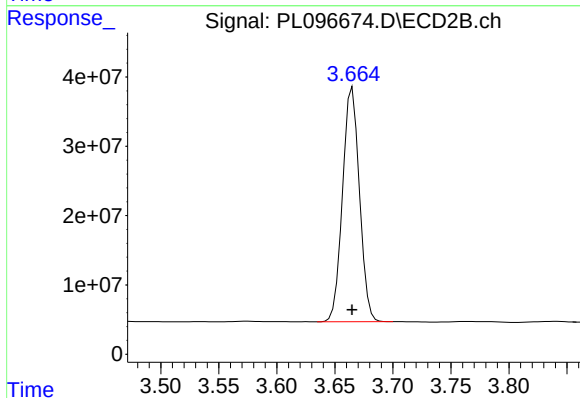
ClientSampleId :

WBR-PBOMS

Manual Integrations

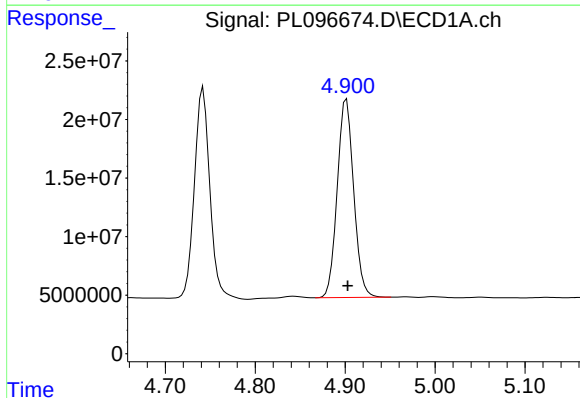
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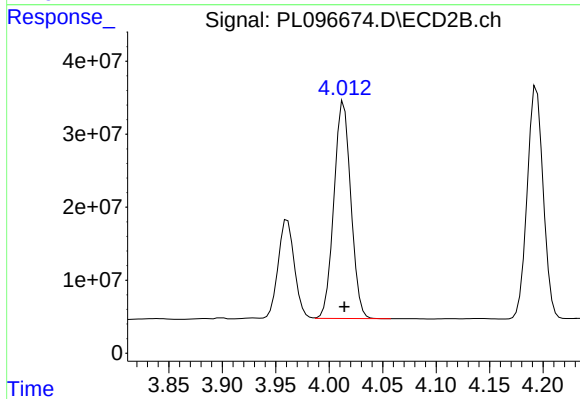
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 342223191
Conc: 51.83 ng/ml



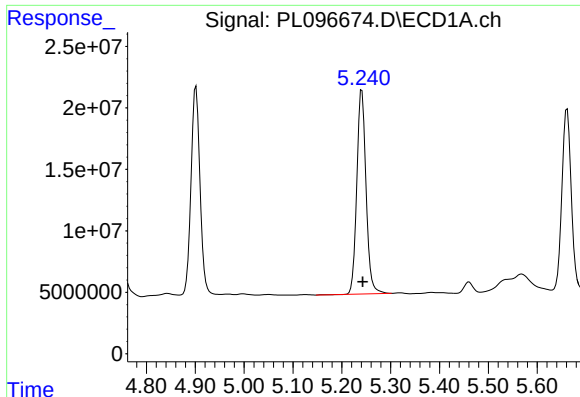
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 215334964
Conc: 51.82 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 327024245
Conc: 49.09 ng/ml



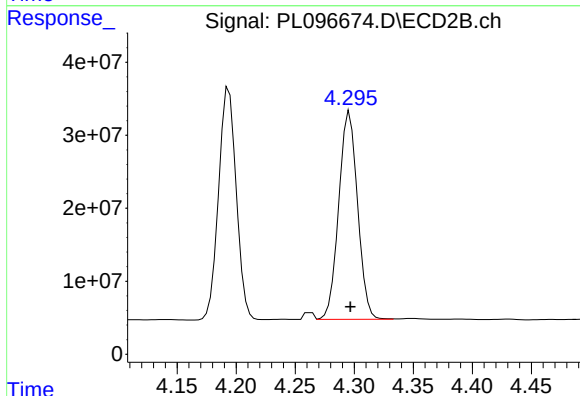
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 218037356
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

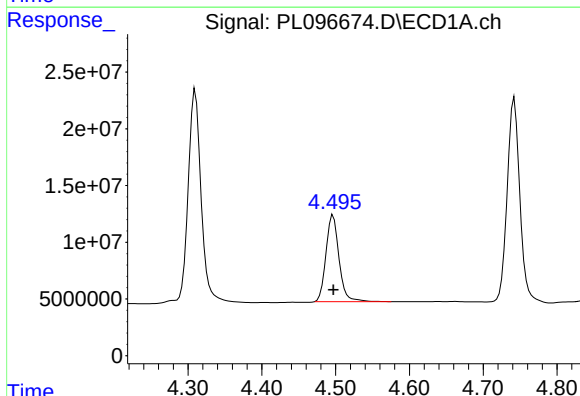
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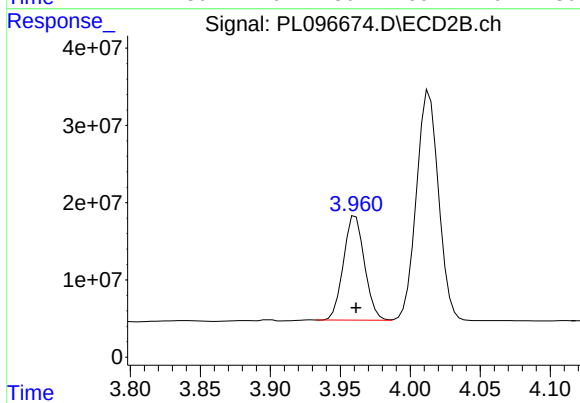
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 316528758
Conc: 50.99 ng/ml m



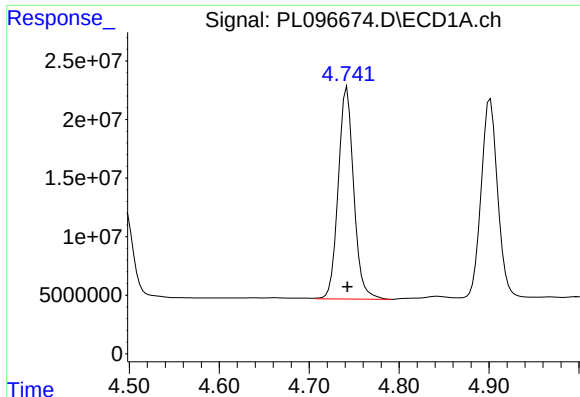
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 93442040
Conc: 51.77 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 141167490
Conc: 50.04 ng/ml



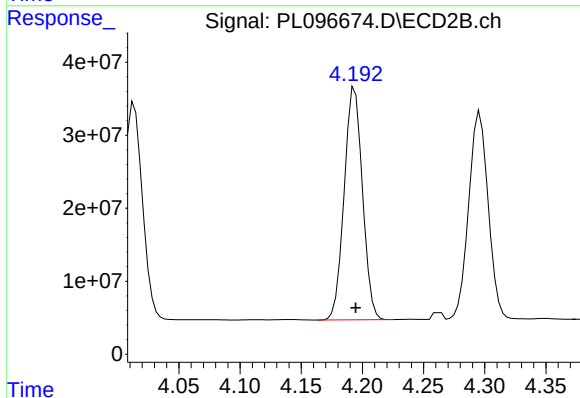
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 216449116
Conc: 54.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

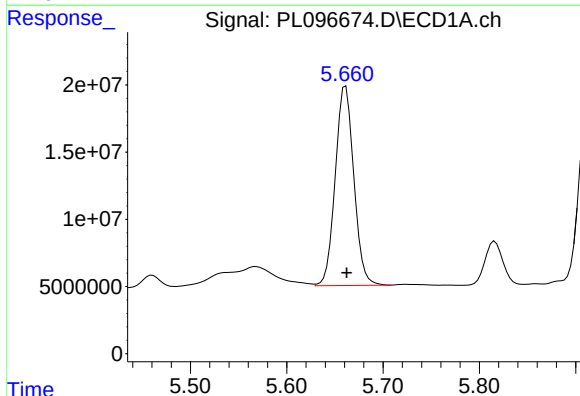
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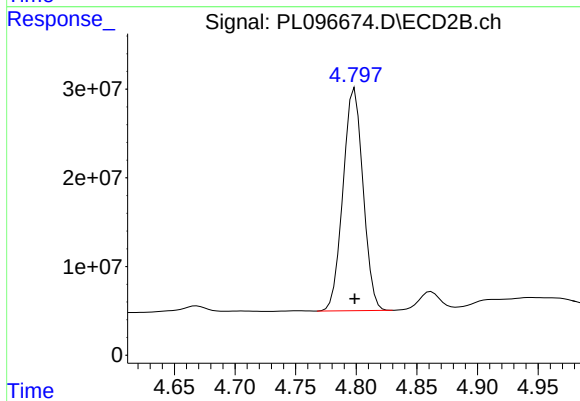
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 331411566
Conc: 51.19 ng/ml



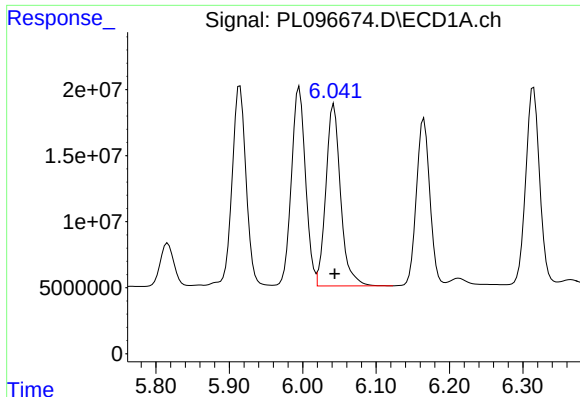
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 198946383
Conc: 51.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 288326466
Conc: 50.48 ng/ml



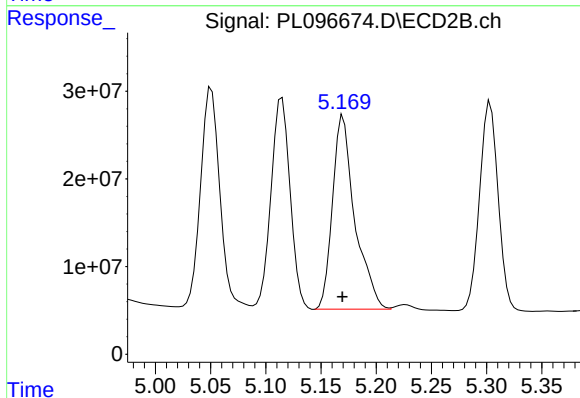
#9 Endosulfan I

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 192436280
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

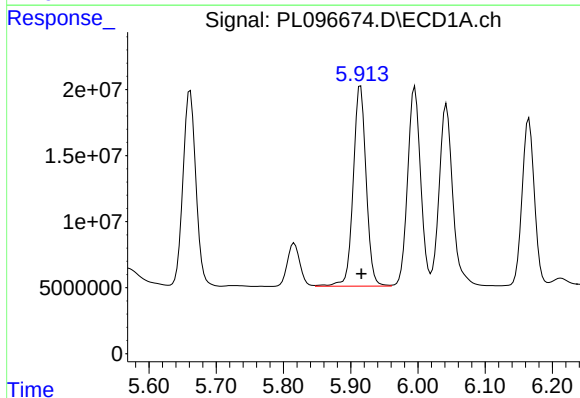
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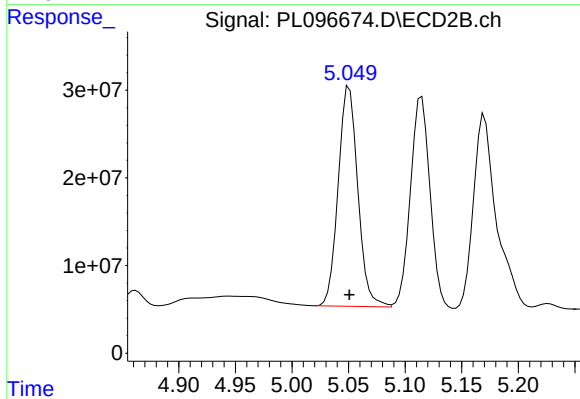
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 311072107
Conc: 56.24 ng/ml



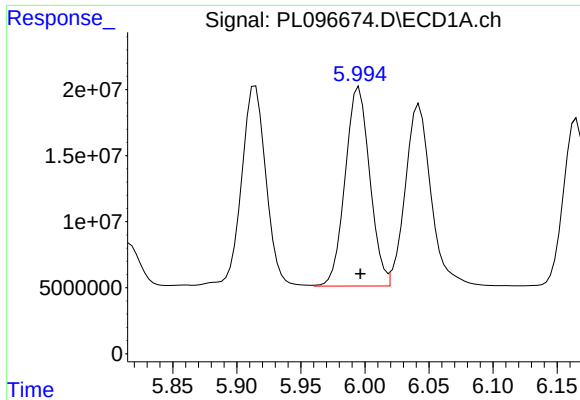
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.001 min
Response: 202821209
Conc: 53.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 303526762
Conc: 51.62 ng/ml



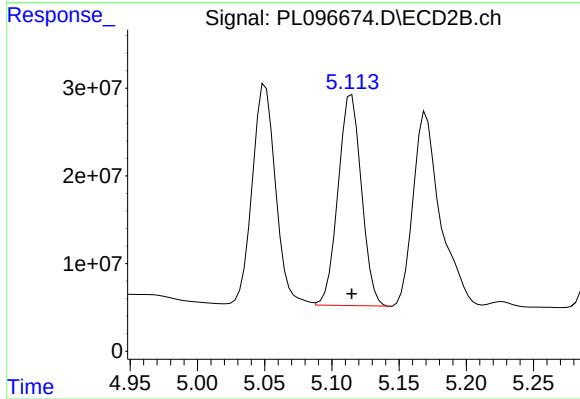
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 201452394
Conc: 52.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

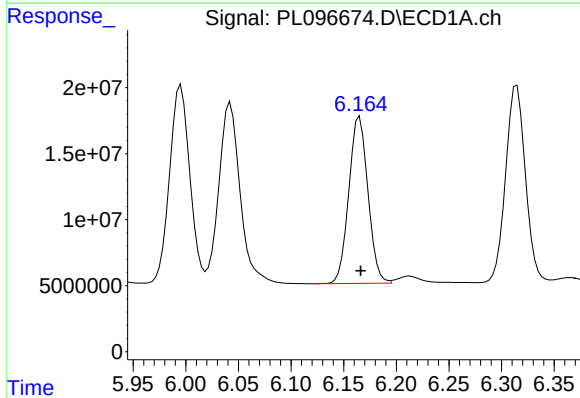
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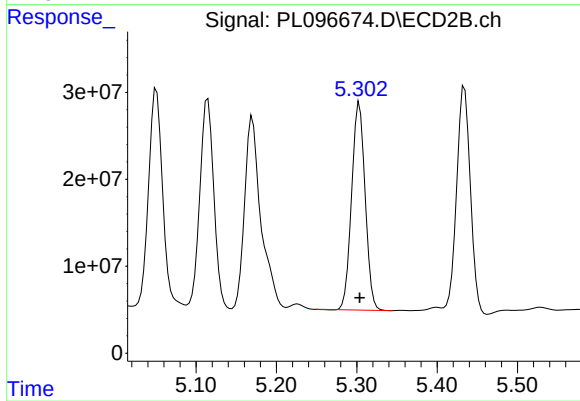
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 290286047
Conc: 49.21 ng/ml



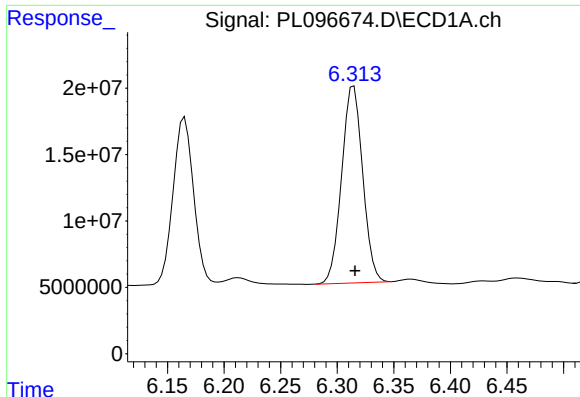
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 160239054
Conc: 49.90 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 279201144
Conc: 50.63 ng/ml



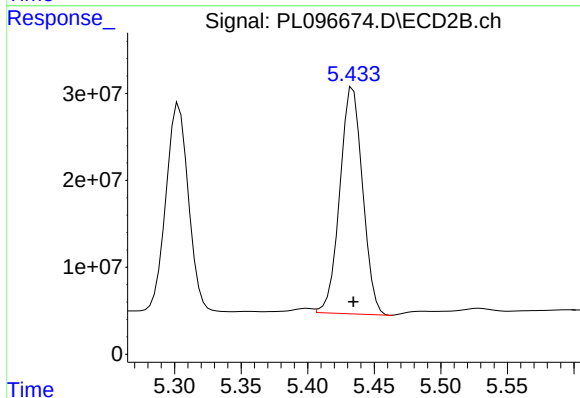
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: -0.001 min
Response: 191746582
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

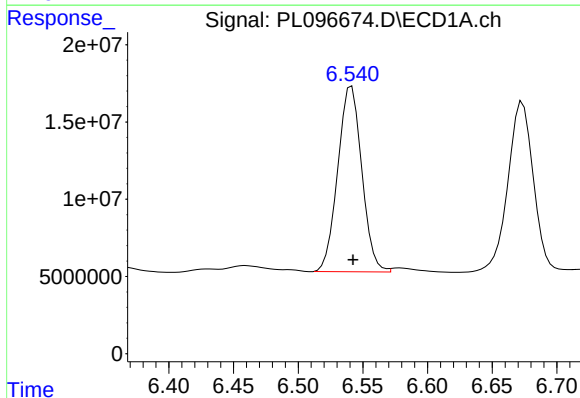
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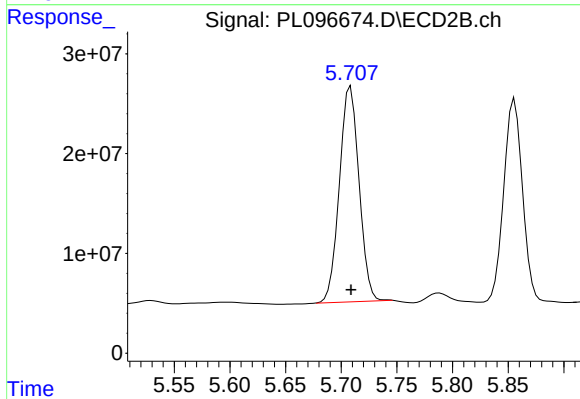
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 310645419
Conc: 52.59 ng/ml



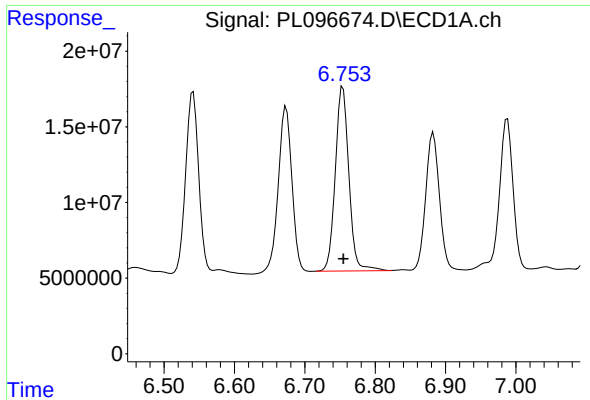
#14 Endrin

R.T.: 6.541 min
Delta R.T.: -0.001 min
Response: 154863033
Conc: 51.16 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 265666645
Conc: 49.14 ng/ml



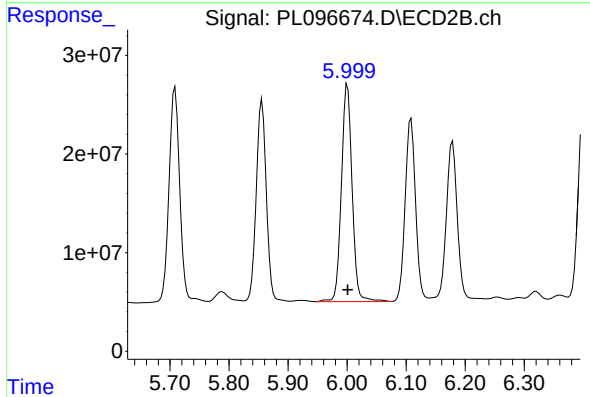
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 163505906
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

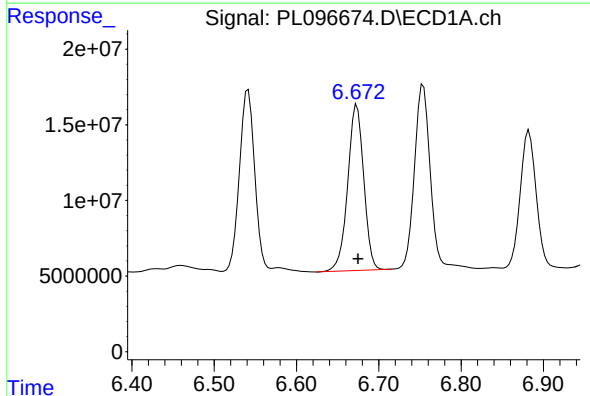
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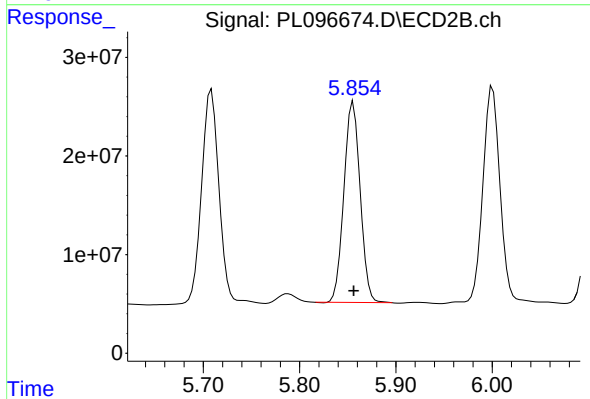
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 277851493
Conc: 54.10 ng/ml



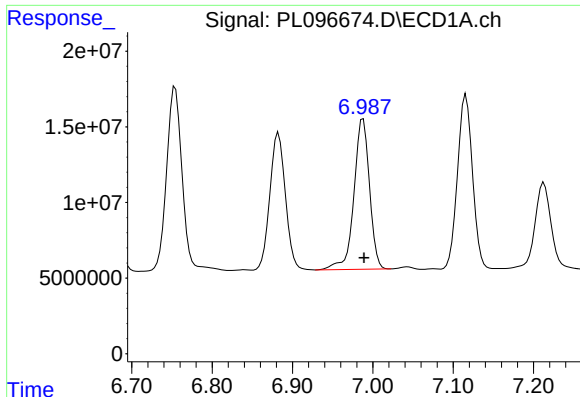
#16 4,4'-DDD

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 148508550
Conc: 58.74 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 237989565
Conc: 50.58 ng/ml



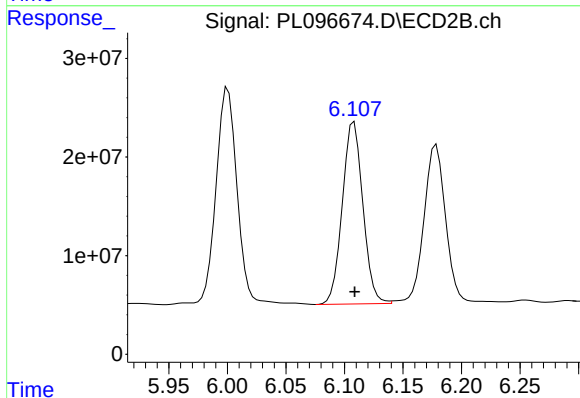
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: -0.001 min
Response: 133963778
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

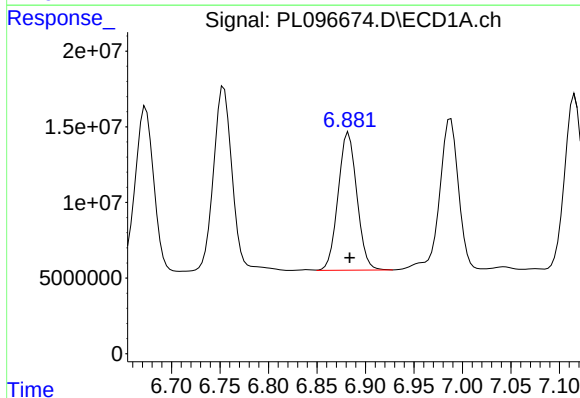
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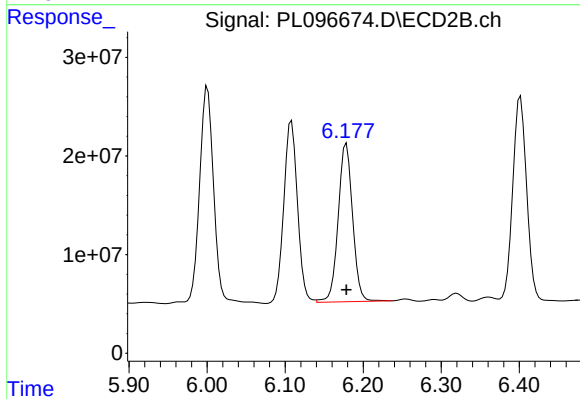
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 225791672
Conc: 44.64 ng/ml



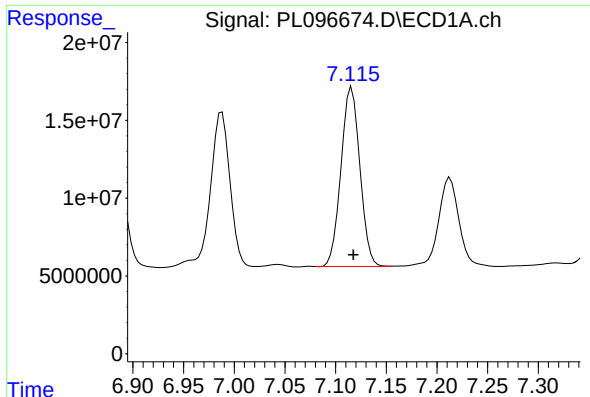
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: -0.001 min
Response: 122371515
Conc: 57.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 206189022
Conc: 55.91 ng/ml



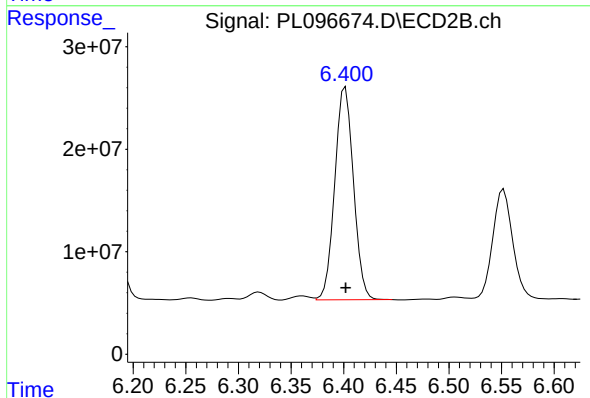
#19 Endosulfan Sulfate

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 149274949
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

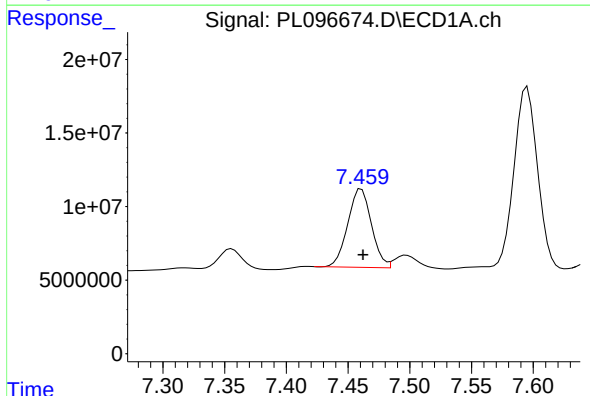
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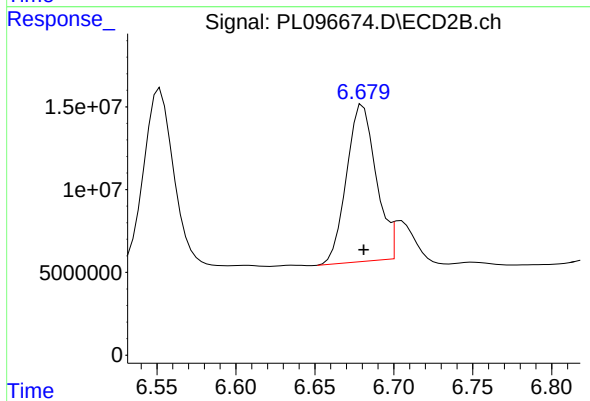
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 256844740
Conc: 50.50 ng/ml



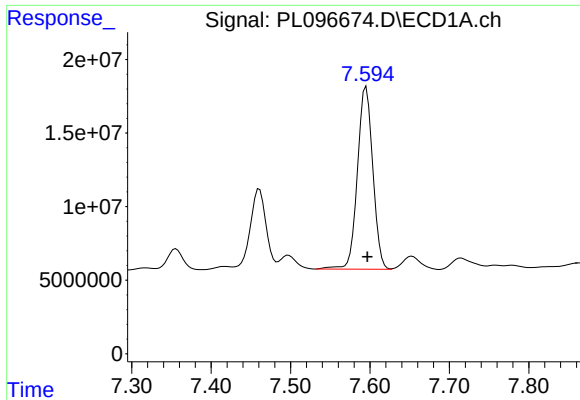
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 71354917
Conc: 48.60 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 123024373
Conc: 44.89 ng/ml



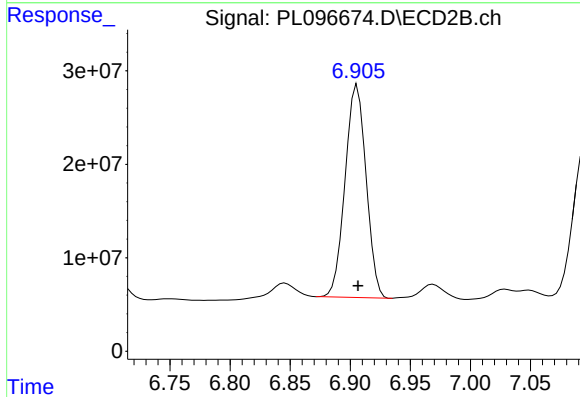
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.002 min
Response: 166624857
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMS

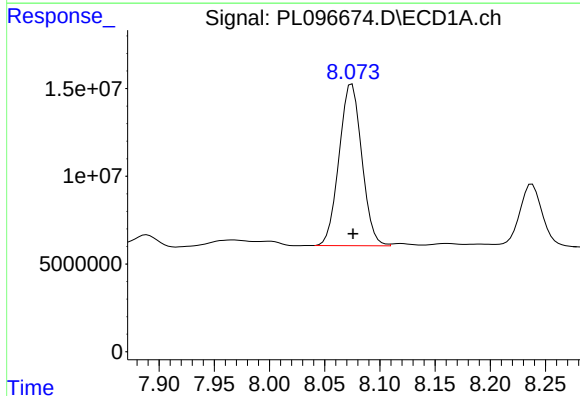
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



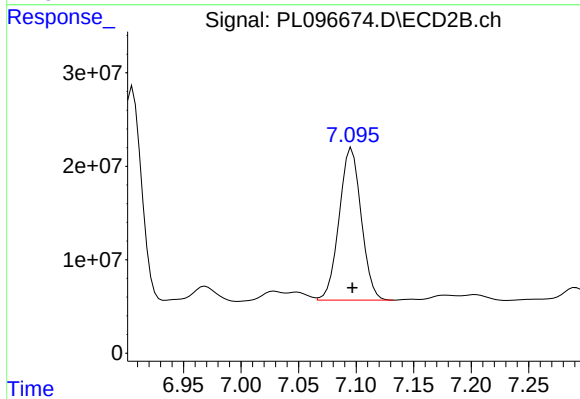
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 277724631
Conc: 49.86 ng/ml



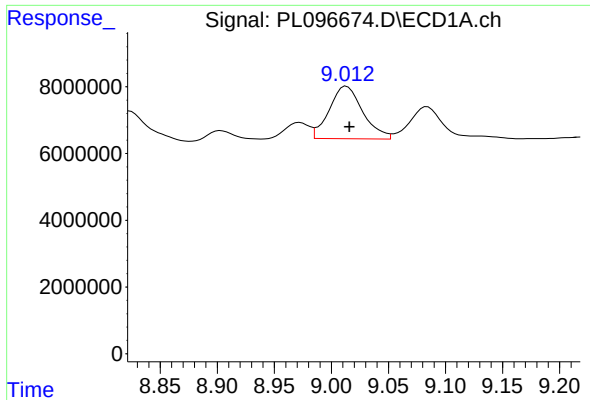
#22 Mirex

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 131964411
Conc: 53.23 ng/ml



#22 Mirex

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 217542737
Conc: 49.89 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.012 min
Delta R.T.: -0.004 min
Response: 32260884
Conc: 13.53 ng/ml

Instrument :

ECD_L

ClientSampleId :

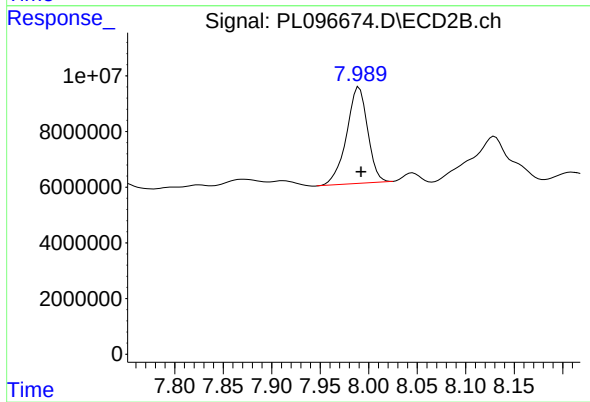
WBR-PBOMS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 52221212
Conc: 12.04 ng/ml m