

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092922\
 Data File : PL077980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2022 14:25
 Operator : AR\AJ
 Sample : N4868-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ROLL-OFF-349-ETGIMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2022
 Supervised By : Ankita Jodhani 09/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 23:34:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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...	3.415	2.624	31959735	57808848	19.938	19.473
2)	SA Decachlor...	8.904	7.716	27210572	64389218	21.054m	25.651m
Target Compounds							
2)	A alpha-BHC	3.880	3.116	127.1E6	213.6E6	53.563	47.101
3)	MA gamma-BHC...	4.216	3.440	110.8E6	191.3E6	50.077	47.378
4)	MA Heptachlor	4.791	3.771	114.3E6	181.1E6	51.613	45.729
5)	MB Aldrin	5.131	4.045	116.8E6	192.5E6	58.752	50.723
6)	B beta-BHC	4.428	3.740	53231908	73013403	54.772	43.857
7)	B delta-BHC	4.672	3.963	105.7E6	197.7E6	51.494	48.725
8)	B Heptachlo...	5.564	4.544	108.6E6	172.6E6	62.303	51.040
9)	A Endosulfan I	5.950	4.910	86394402	131.4E6	53.604	41.637
10)	B gamma-Chl...	5.820	4.793	137.9E6	211.1E6	78.788	61.924
11)	B alpha-Chl...	5.898	4.855	178.9E6	232.0E6	103.594	70.042 #
12)	B 4,4'-DDE	6.075	5.050	93967844	191.4E6	59.030	58.822
13)	MA Dieldrin	6.229	5.172	90212925	167.2E6	55.893	50.437
14)	MA Endrin	6.460	5.445	74203952	150.5E6	53.655	52.768
15)	B Endosulfa...	6.688	5.741	77893917	150.8E6	56.389	57.220
16)	A 4,4'-DDD	6.600	5.602	67543720	119.5E6	57.687m	46.113
17)	MA 4,4'-DDT	6.911	5.850	78197814	143.1E6	61.712	54.309
18)	B Endrin al...	6.819	5.920	62501179	108.6E6	59.104	52.645
19)	B Endosulfa...	7.052	6.143	68187451	128.1E6	53.247	47.625
20)	A Methoxychlor	7.392	6.428	32093213	69473711	48.593	50.732
21)	B Endrin ke...	7.541	6.641	71527672	135.3E6	51.764	44.662
22)	Mirex	8.000	6.817	50299707	96043475	47.905	44.674

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092922\
 Data File : PL077980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2022 14:25
 Operator : AR\AJ
 Sample : N4868-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

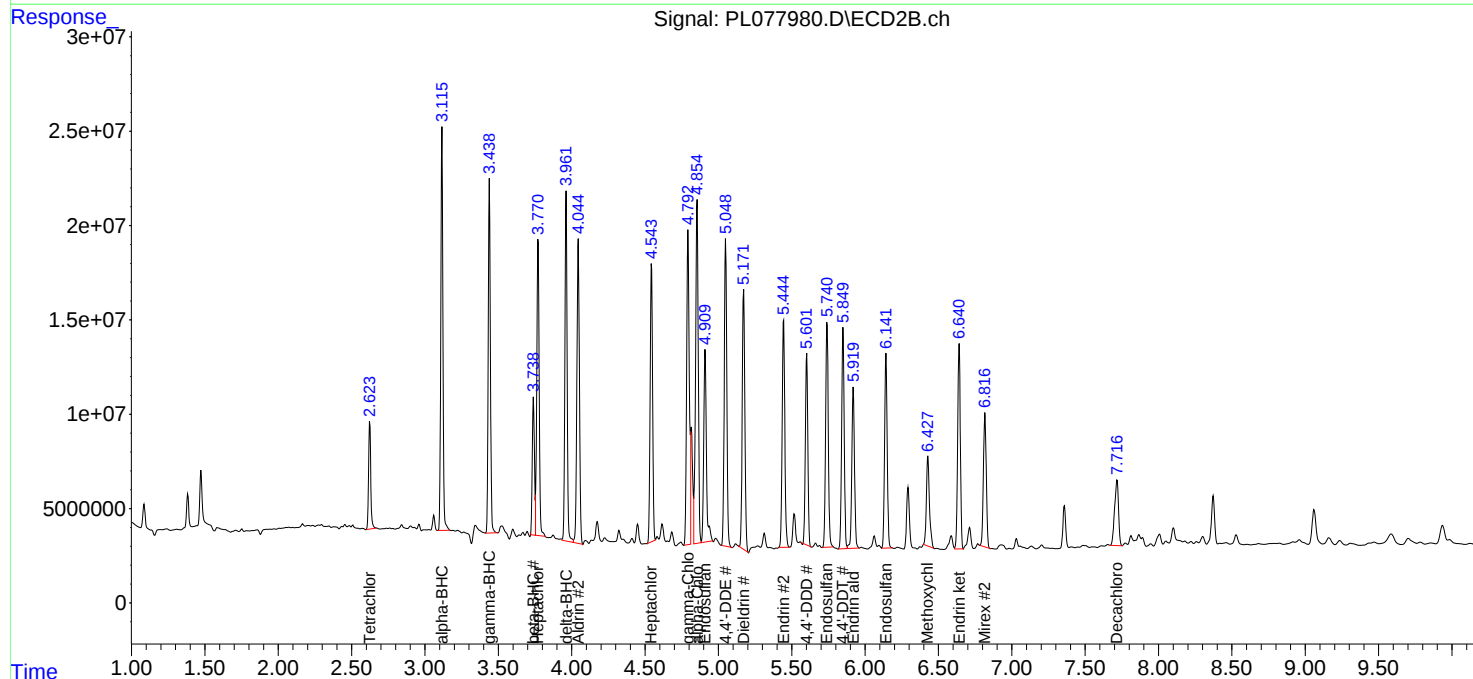
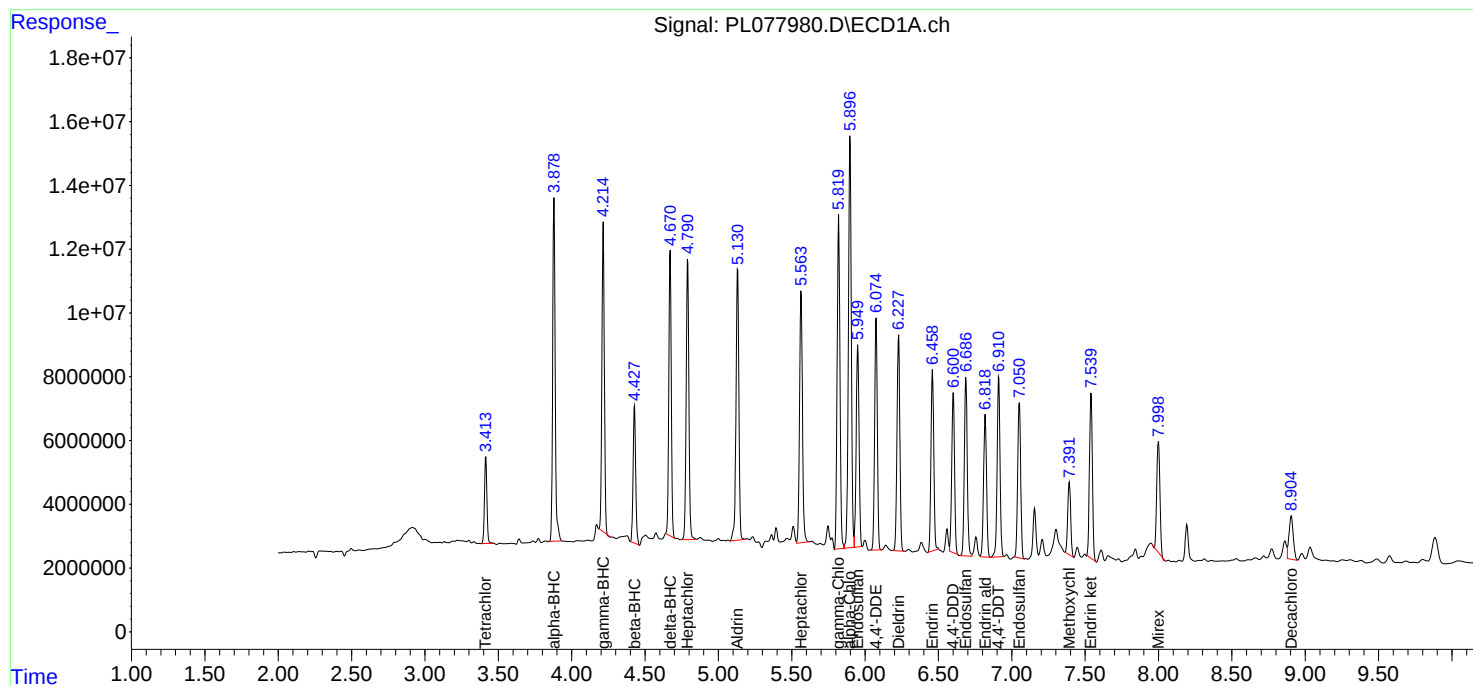
Instrument :
 ECD_L
 ClientSampleId :
 ROLL-OFF-349-ETGIMS

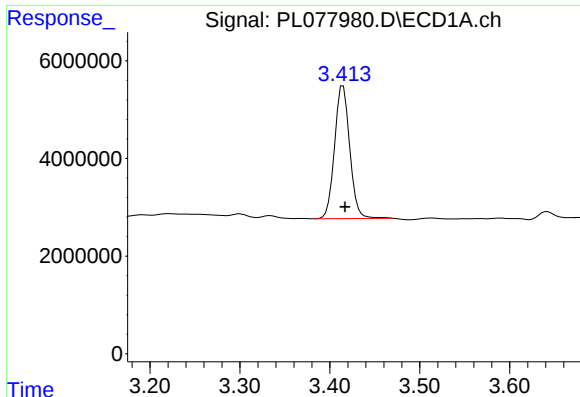
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/30/2022
 Supervised By :Ankita Jodhani 09/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 23:34:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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





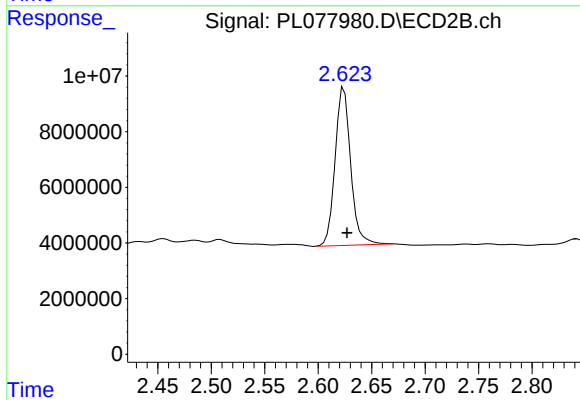
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 31959735
Conc: 19.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

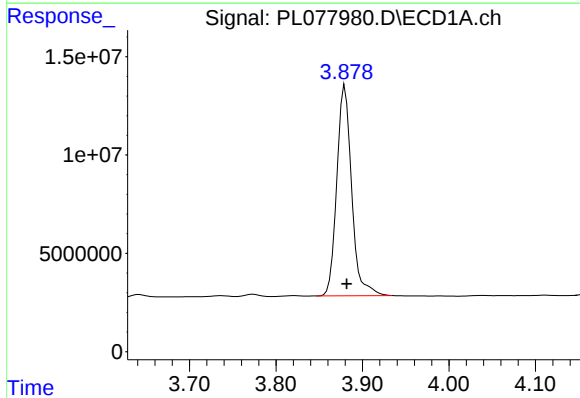
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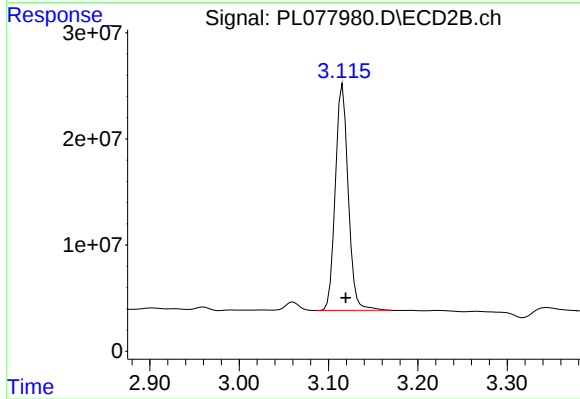
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: -0.003 min
Response: 57808848
Conc: 19.47 ng/ml



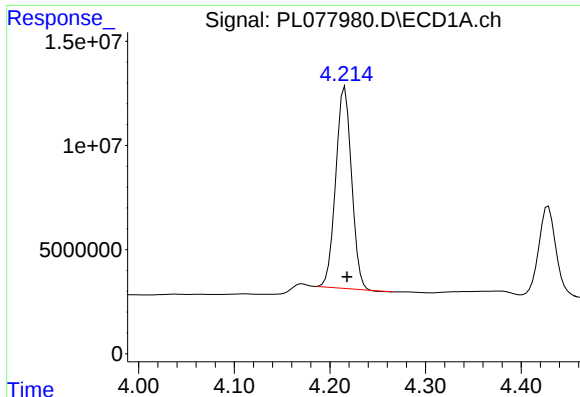
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 127110444
Conc: 53.56 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: -0.003 min
Response: 213608306
Conc: 47.10 ng/ml



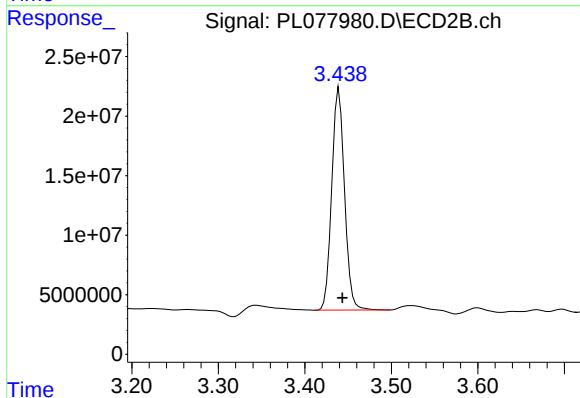
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 110791378
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

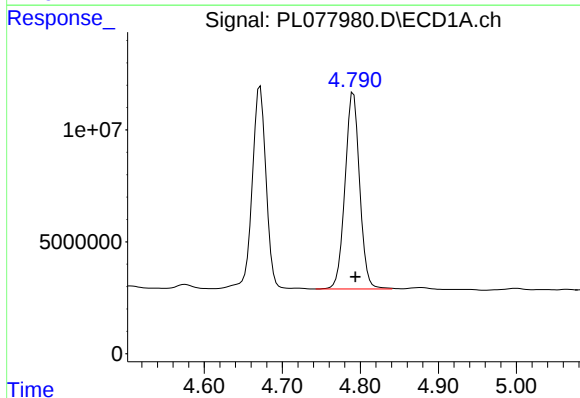
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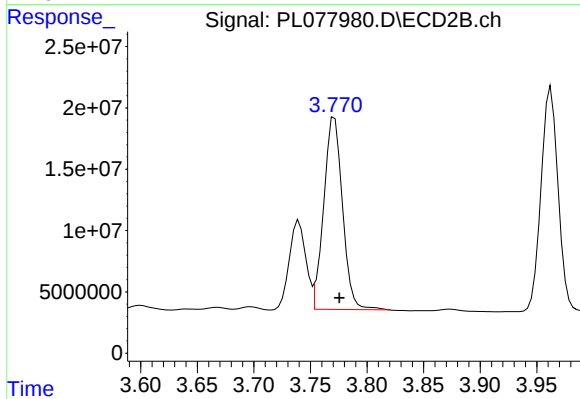
#3 gamma-BHC (Lindane)

R.T.: 3.440 min
Delta R.T.: -0.004 min
Response: 191319972
Conc: 47.38 ng/ml



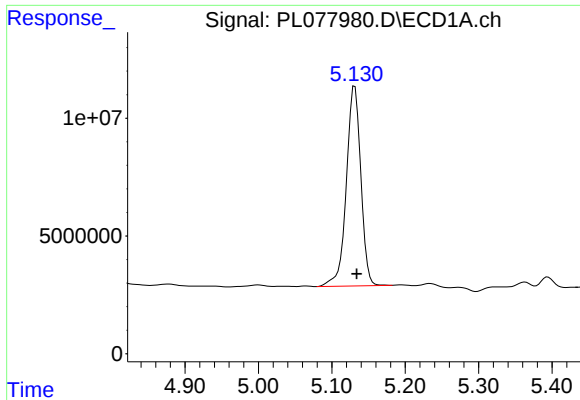
#4 Heptachlor

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 114273623
Conc: 51.61 ng/ml



#4 Heptachlor

R.T.: 3.771 min
Delta R.T.: -0.004 min
Response: 181114957
Conc: 45.73 ng/ml



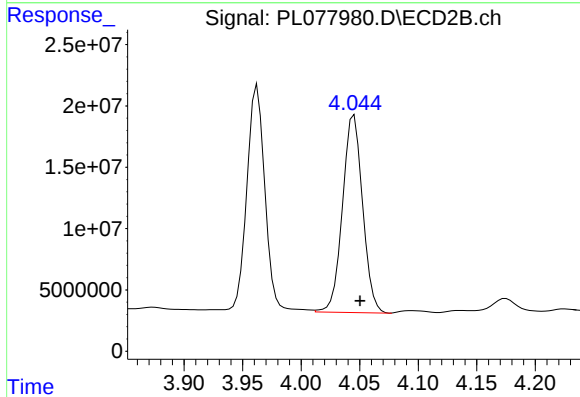
#5 Aldrin

R.T.: 5.131 min
Delta R.T.: -0.003 min
Response: 116766501
Conc: 58.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

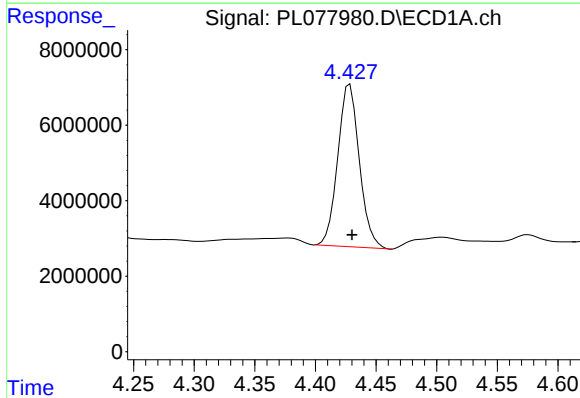
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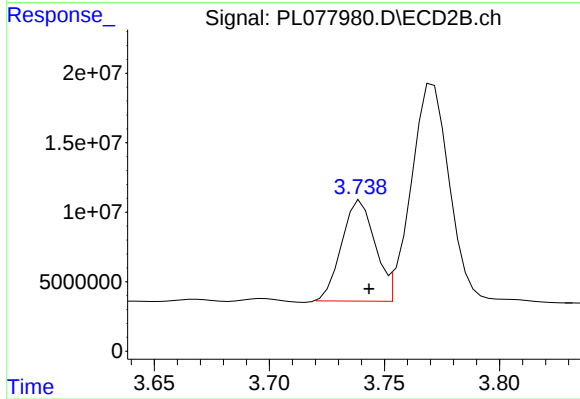
#5 Aldrin

R.T.: 4.045 min
Delta R.T.: -0.005 min
Response: 192487819
Conc: 50.72 ng/ml



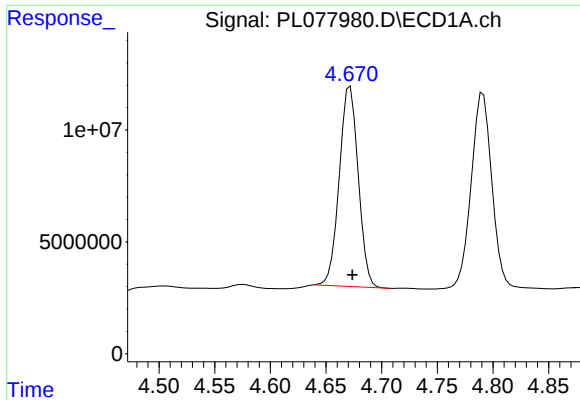
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 53231908
Conc: 54.77 ng/ml



#6 beta-BHC

R.T.: 3.740 min
Delta R.T.: -0.003 min
Response: 73013403
Conc: 43.86 ng/ml



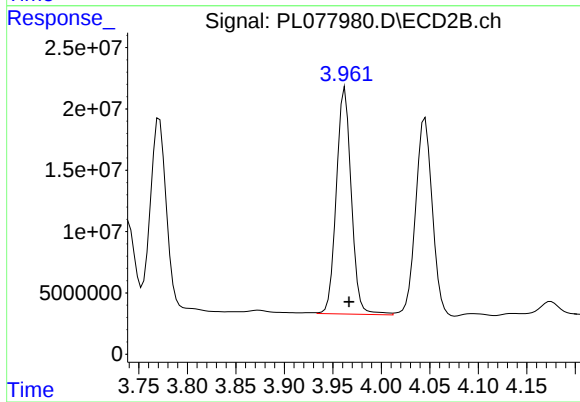
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 105727938
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

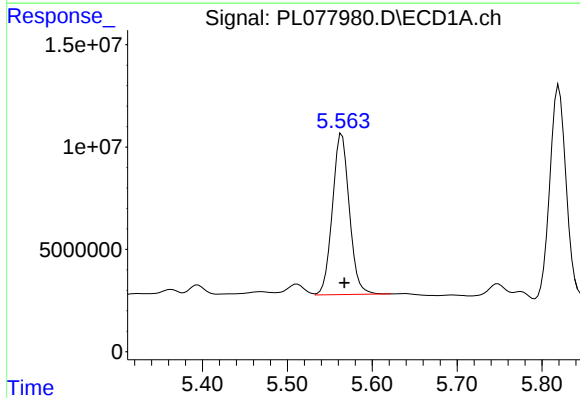
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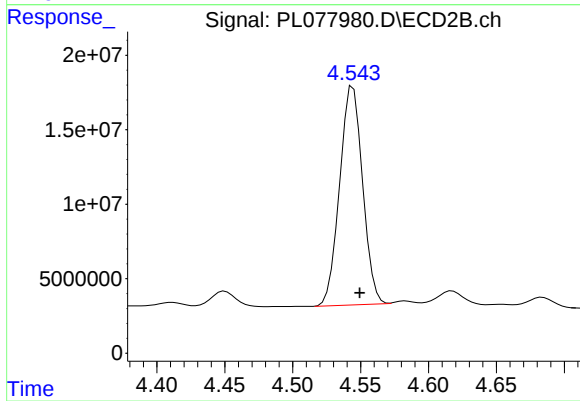
#7 delta-BHC

R.T.: 3.963 min
Delta R.T.: -0.004 min
Response: 197715792
Conc: 48.73 ng/ml



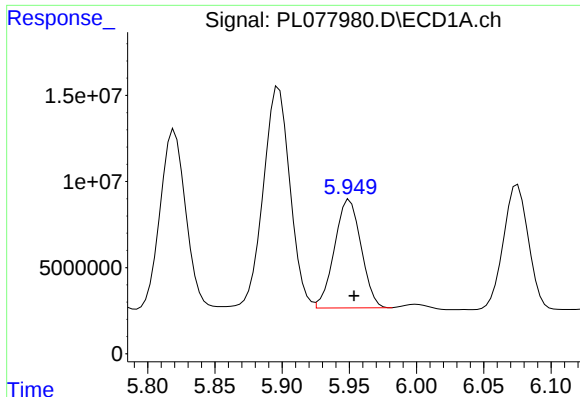
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 108612260
Conc: 62.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.544 min
Delta R.T.: -0.005 min
Response: 172586351
Conc: 51.04 ng/ml



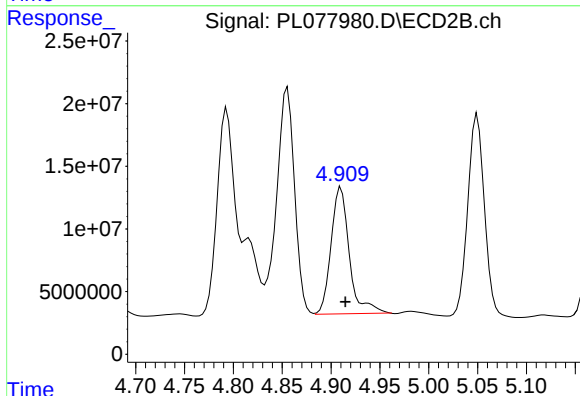
#9 Endosulfan I

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 86394402
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

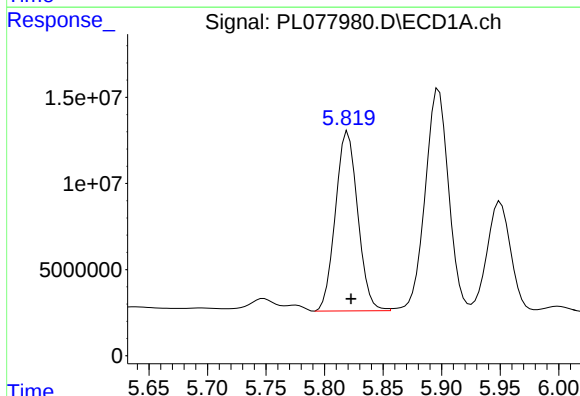
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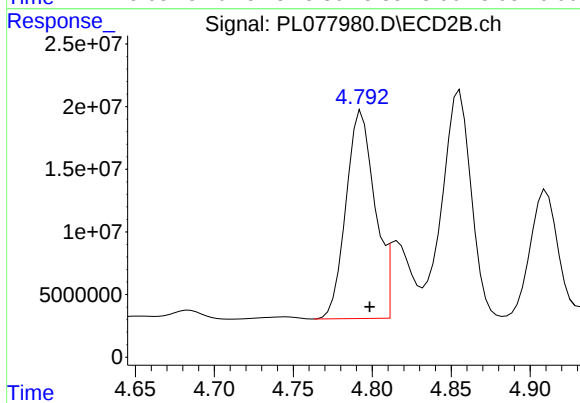
#9 Endosulfan I

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 131373600
Conc: 41.64 ng/ml



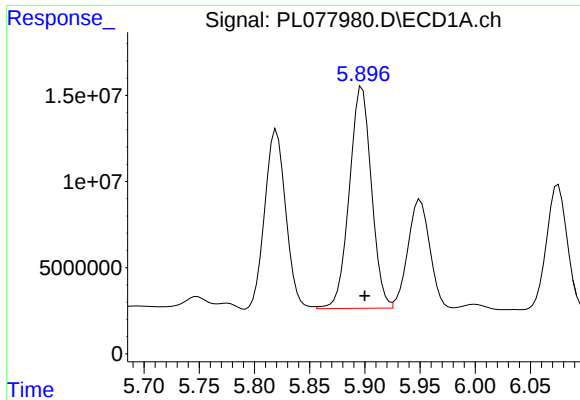
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 137948851
Conc: 78.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.793 min
Delta R.T.: -0.005 min
Response: 211056072
Conc: 61.92 ng/ml



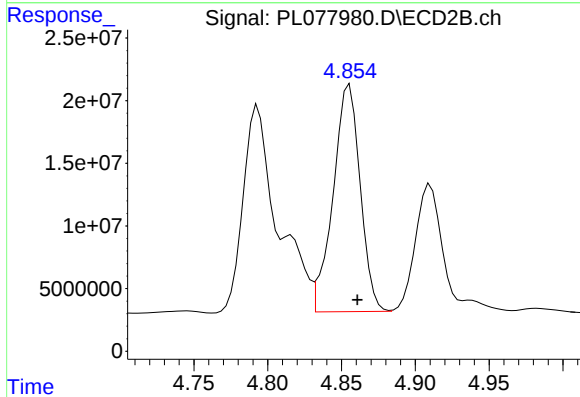
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 178939959
Conc: 103.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

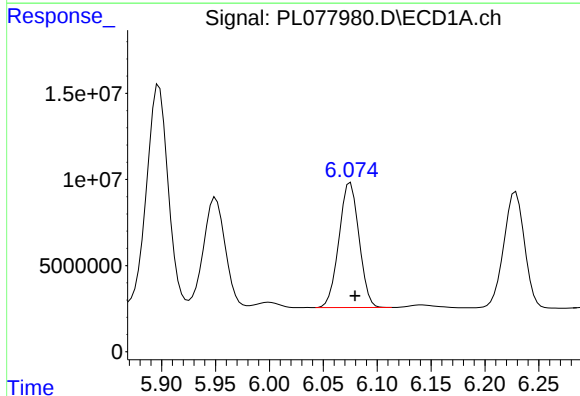
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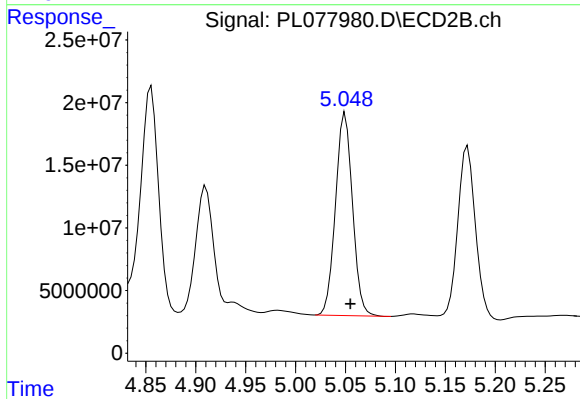
#11 alpha-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.005 min
Response: 231954858
Conc: 70.04 ng/ml



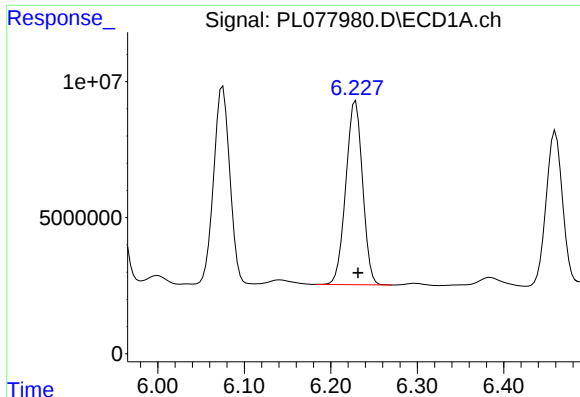
#12 4,4'-DDE

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 93967844
Conc: 59.03 ng/ml



#12 4,4'-DDE

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 191395705
Conc: 58.82 ng/ml



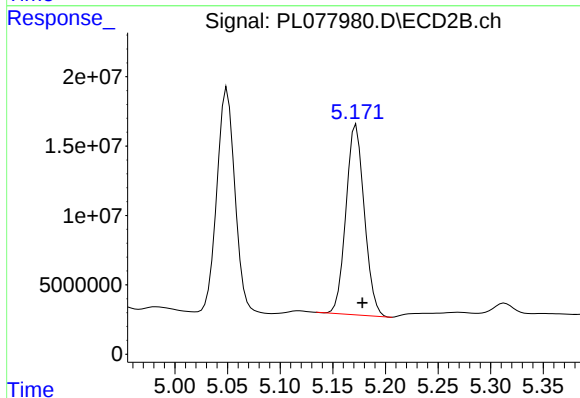
#13 Dieldrin

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 90212925
Conc: 55.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

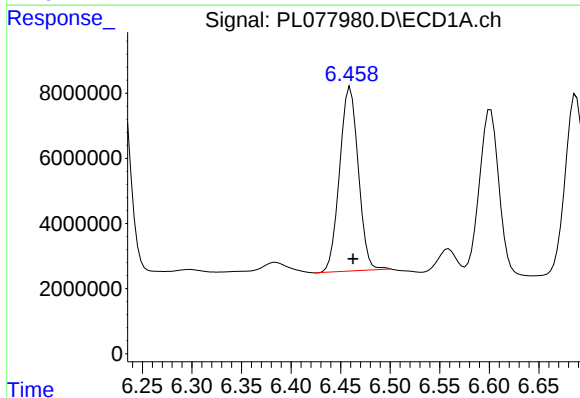
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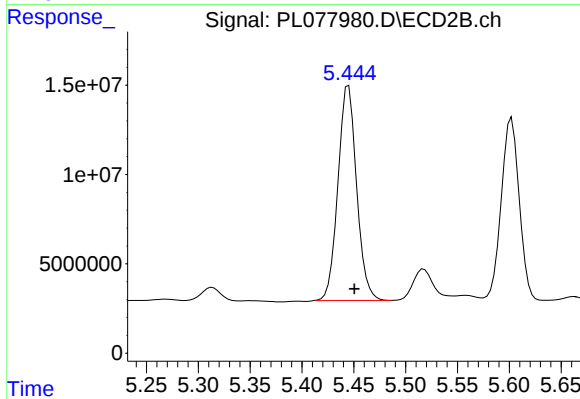
#13 Dieldrin

R.T.: 5.172 min
Delta R.T.: -0.006 min
Response: 167234908
Conc: 50.44 ng/ml



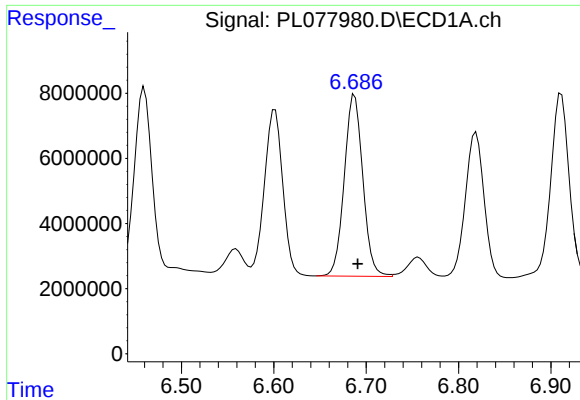
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 74203952
Conc: 53.65 ng/ml



#14 Endrin

R.T.: 5.445 min
Delta R.T.: -0.006 min
Response: 150466546
Conc: 52.77 ng/ml



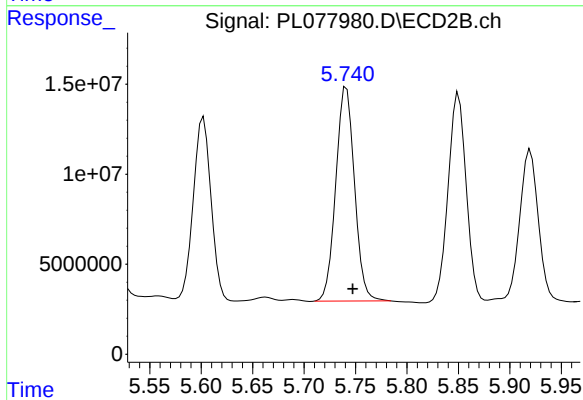
#15 Endosulfan II

R.T.: 6.688 min
Delta R.T.: -0.004 min
Response: 77893917
Conc: 56.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

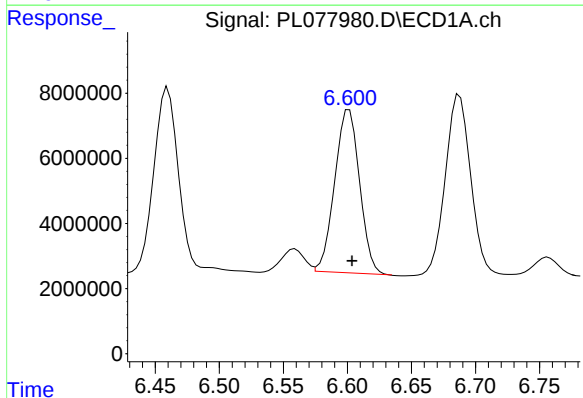
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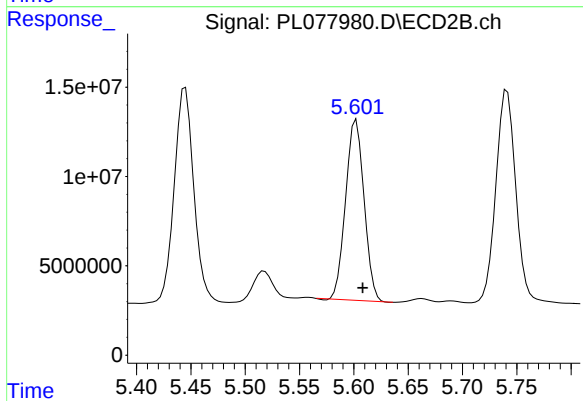
#15 Endosulfan II

R.T.: 5.741 min
Delta R.T.: -0.006 min
Response: 150783997
Conc: 57.22 ng/ml



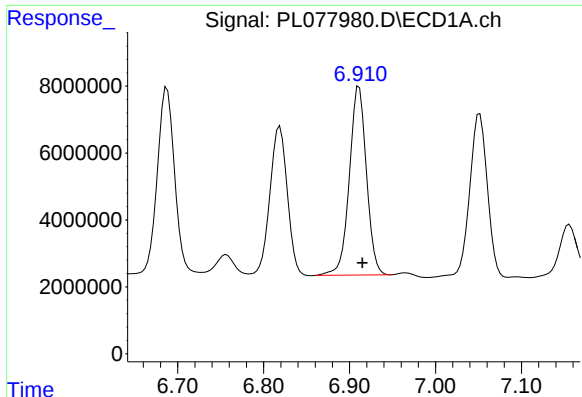
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.004 min
Response: 67543720
Conc: 57.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 119460589
Conc: 46.11 ng/ml



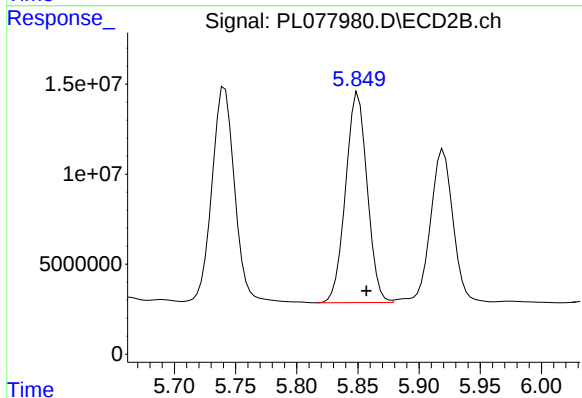
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 78197814
Conc: 61.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

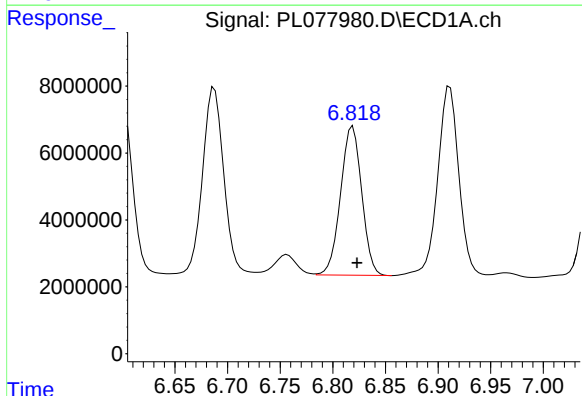
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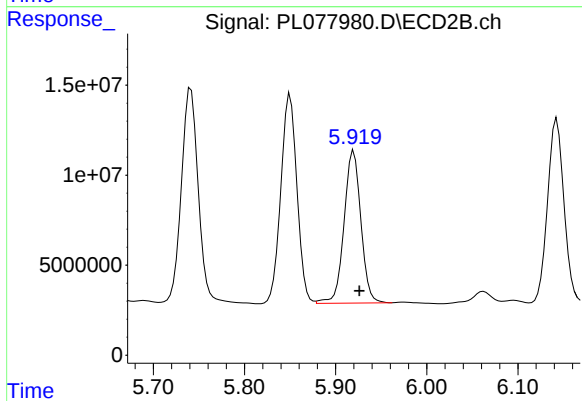
#17 4,4'-DDT

R.T.: 5.850 min
Delta R.T.: -0.007 min
Response: 143093484
Conc: 54.31 ng/ml



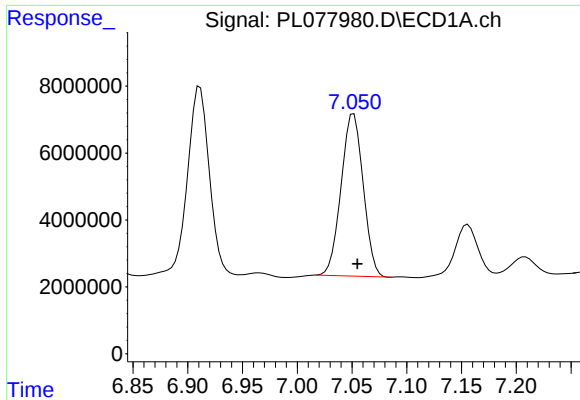
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: -0.004 min
Response: 62501179
Conc: 59.10 ng/ml



#18 Endrin aldehyde

R.T.: 5.920 min
Delta R.T.: -0.006 min
Response: 108636521
Conc: 52.65 ng/ml



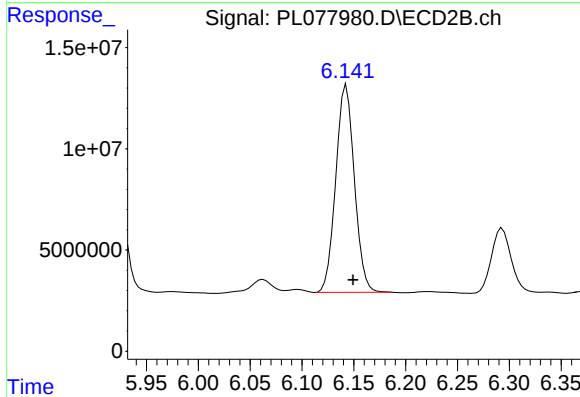
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 68187451
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

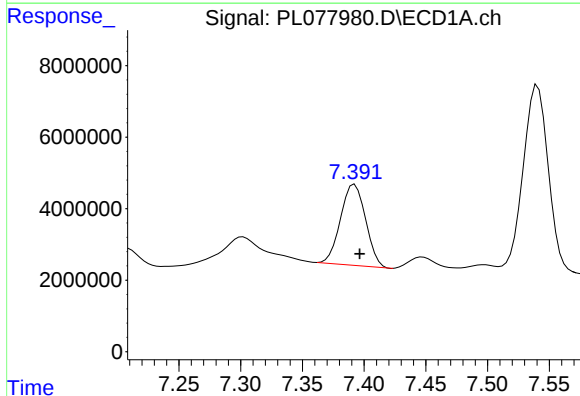
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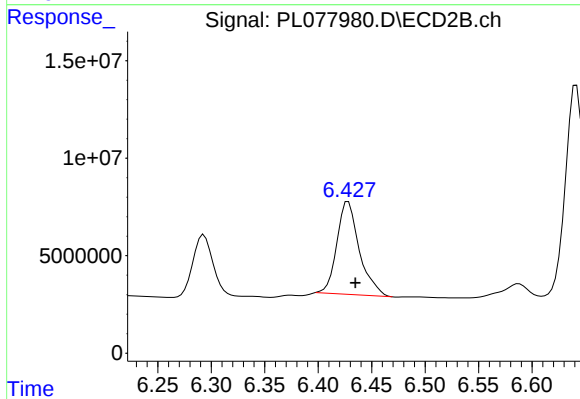
#19 Endosulfan Sulfate

R.T.: 6.143 min
Delta R.T.: -0.007 min
Response: 128071932
Conc: 47.63 ng/ml



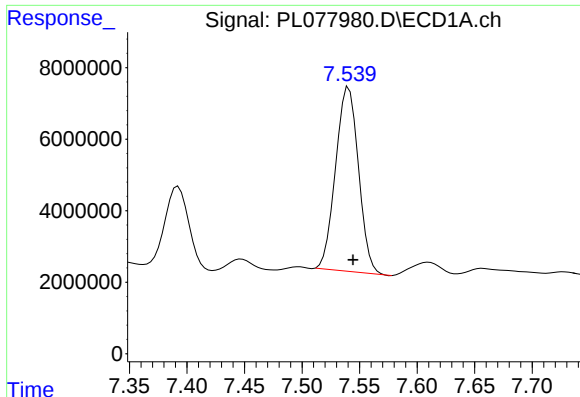
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 32093213
Conc: 48.59 ng/ml



#20 Methoxychlor

R.T.: 6.428 min
Delta R.T.: -0.007 min
Response: 69473711
Conc: 50.73 ng/ml



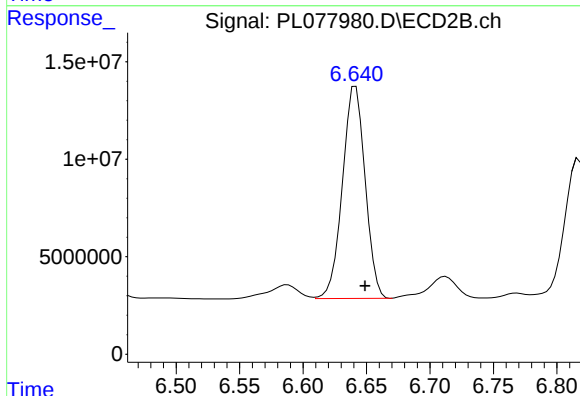
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: -0.004 min
Response: 71527672
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

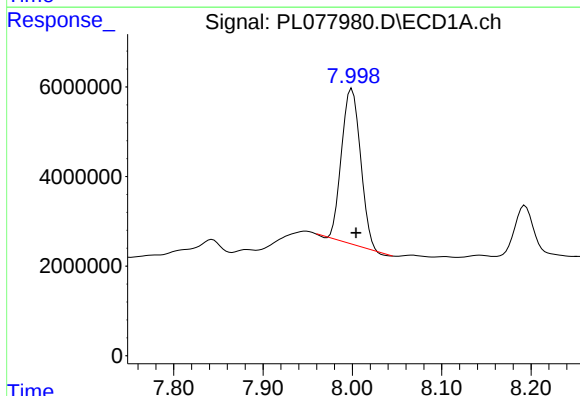
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2022
Supervised By :Ankita Jodhani 09/30/2022



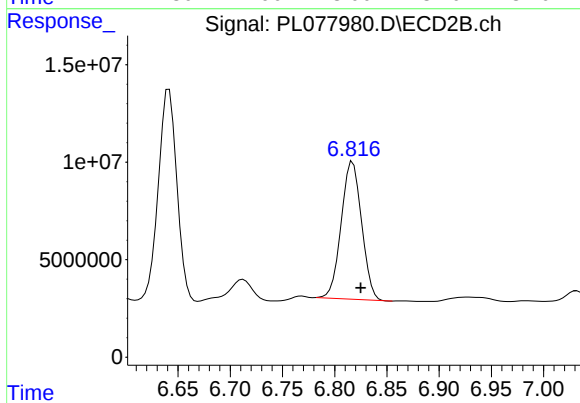
#21 Endrin ketone

R.T.: 6.641 min
Delta R.T.: -0.007 min
Response: 135252258
Conc: 44.66 ng/ml



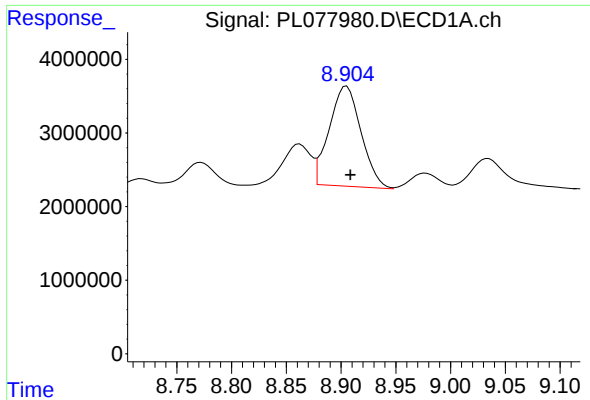
#22 Mirex

R.T.: 8.000 min
Delta R.T.: -0.005 min
Response: 50299707
Conc: 47.91 ng/ml



#22 Mirex

R.T.: 6.817 min
Delta R.T.: -0.008 min
Response: 96043475
Conc: 44.67 ng/ml



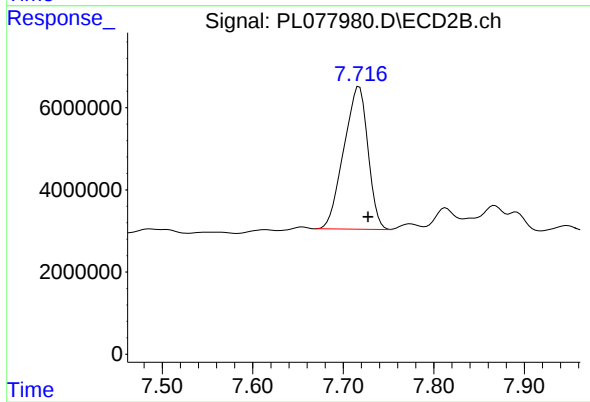
#28 Decachlorobiphenyl

R.T.: 8.904 min
Delta R.T.: -0.005 min
Response: 27210572
Conc: 21.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-349-ETGIMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2022
Supervised By :Ankita Jodhani 09/30/2022



#28 Decachlorobiphenyl

R.T.: 7.716 min
Delta R.T.: -0.011 min
Response: 64389218
Conc: 25.65 ng/ml m