

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081922\
 Data File : PL077192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2022 10:44
 Operator : AR\AJ
 Sample : N4224-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP1-0816MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2022
 Supervised By :Ankita Jodhani 08/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 22:43:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 09 09:13:15 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...	3.419	2.635	20118172	50691146	20.517	17.708
28)	SA Decachlor...	8.907	7.737	17225202	43146066	22.816	19.166
Target Compounds							
2)	A alpha-BHC	3.884	3.128	83301964	214.9E6	60.178	50.682
3)	MA gamma-BHC...	4.219	3.452	77223429	199.2E6	60.390	52.211
4)	MA Heptachlor	4.795	3.785	75476886	188.9E6	61.432	52.645
5)	MB Aldrin	5.136	4.060	67386956	180.1E6	59.392	50.834
6)	B beta-BHC	4.430	3.751	33886197	79163798	60.370	50.666
7)	B delta-BHC	4.674	3.974	64346199	192.3E6	57.793	50.319
8)	B Heptachlo...	5.568	4.559	62053742	159.2E6	61.454	52.374
9)	A Endosulfan I	5.954	4.924	57187188	146.0E6	62.435	53.410
10)	B gamma-Chl...	5.823	4.807	61934239	162.8E6	61.792	53.454
11)	B alpha-Chl...	5.900	4.870	61842545	158.2E6	61.962	53.134
12)	B 4,4'-DDE	6.079	5.064	54876394	155.5E6	62.891	53.888
13)	MA Dieldrin	6.231	5.187	59008189	157.0E6	60.770	52.344
14)	MA Endrin	6.463	5.460	52611056	139.3E6	64.645	54.852
15)	B Endosulfa...	6.690	5.755	50151518	129.3E6	58.468	49.379
16)	A 4,4'-DDD	6.603	5.616	48217909	126.1E6	63.292	55.972
17)	MA 4,4'-DDT	6.914	5.865	51534518	123.6E6	67.063	54.515
18)	B Endrin al...	6.821	5.933	40681596	94770475	56.423	48.203m
19)	B Endosulfa...	7.055	6.157	50320084	124.6E6	60.863	53.992
20)	A Methoxychlor	7.395	6.443	26934326	64156731	60.679	53.339
21)	B Endrin ke...	7.542	6.657	56800402	137.2E6	62.701	53.955
22)	Mirex	8.003	6.834	43412592	101.0E6	61.789	52.768

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

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TP1-0816MS

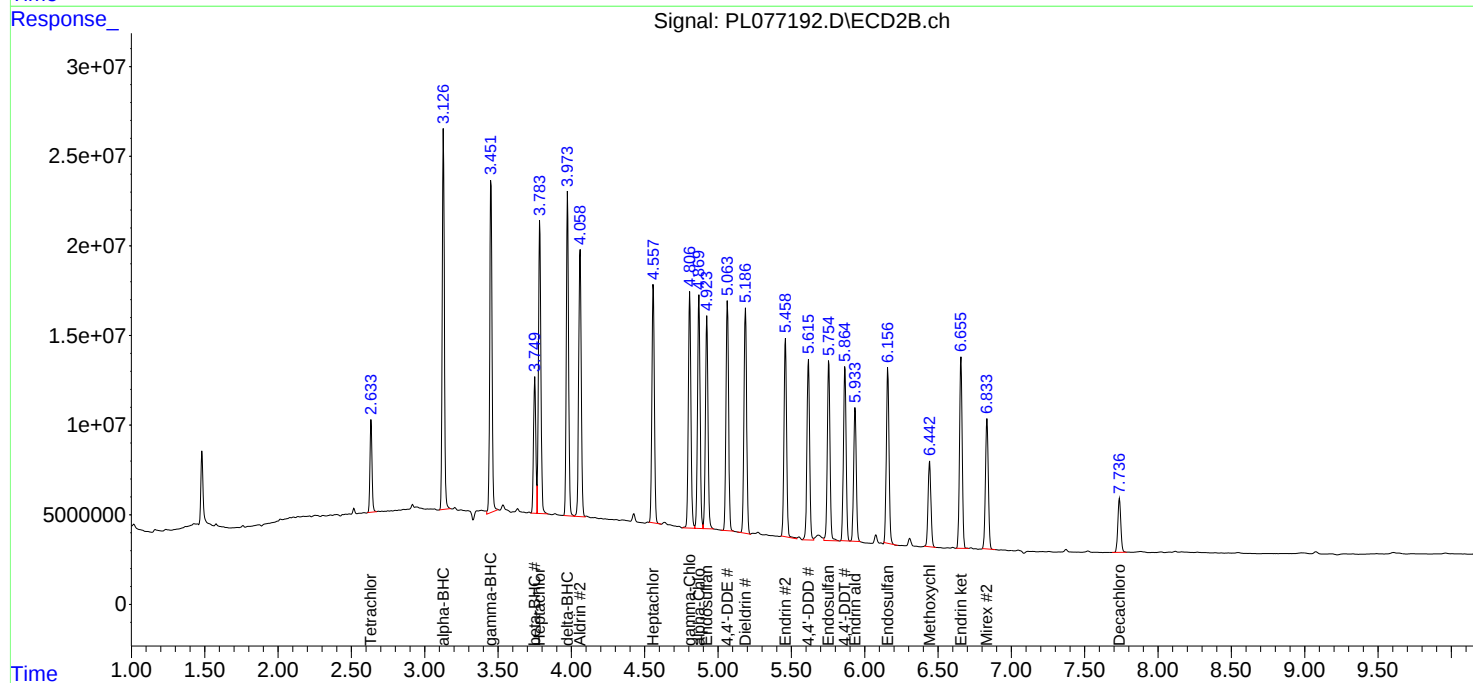
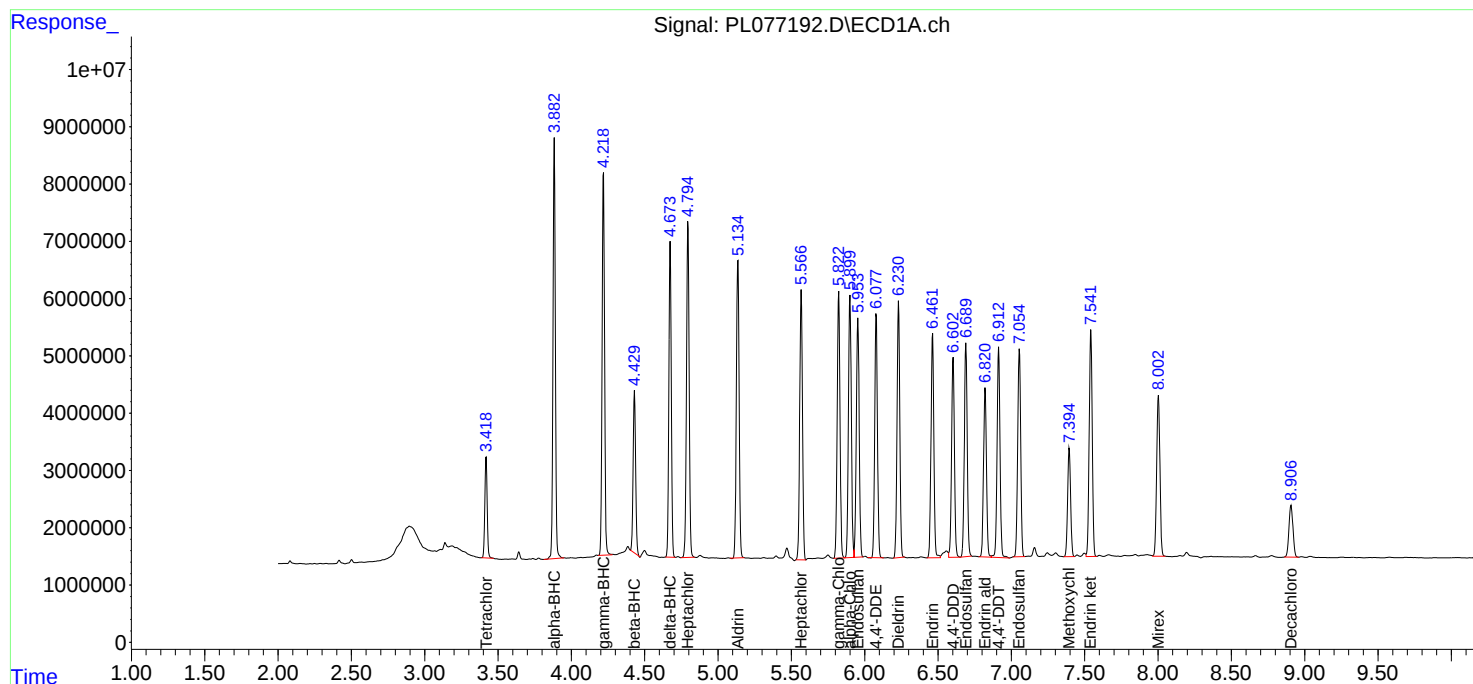
Manual Integrations

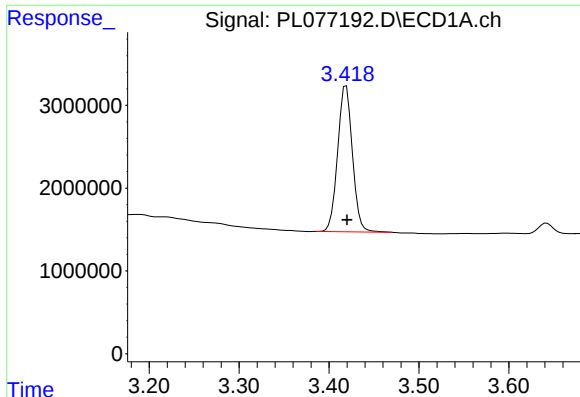
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Integration File signal 1: autoint1.e
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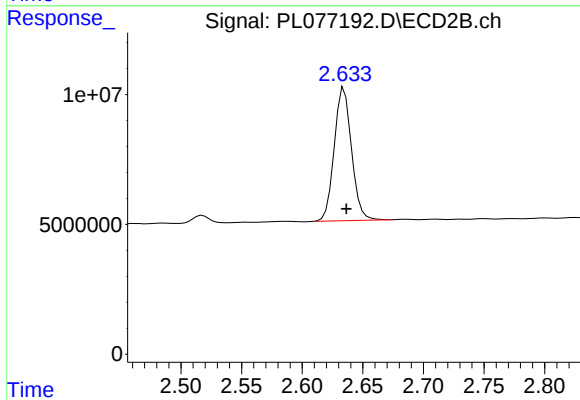
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 20118172
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

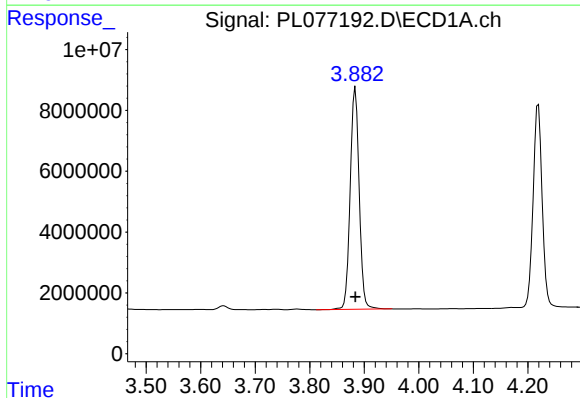
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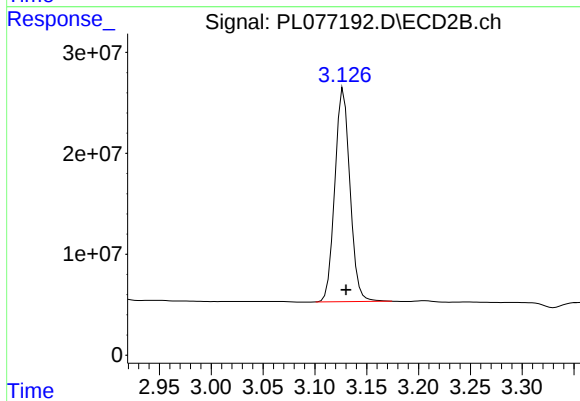
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.002 min
Response: 50691146
Conc: 17.71 ng/ml



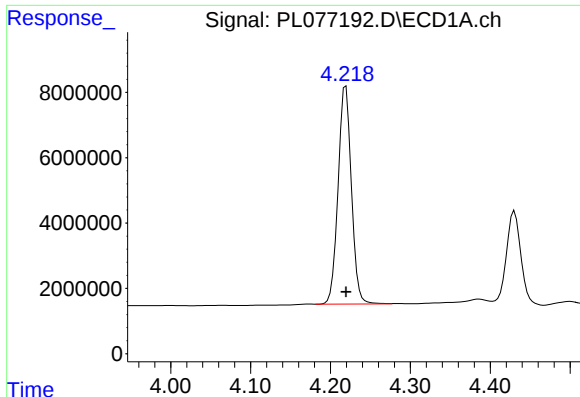
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 83301964
Conc: 60.18 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.002 min
Response: 214936266
Conc: 50.68 ng/ml



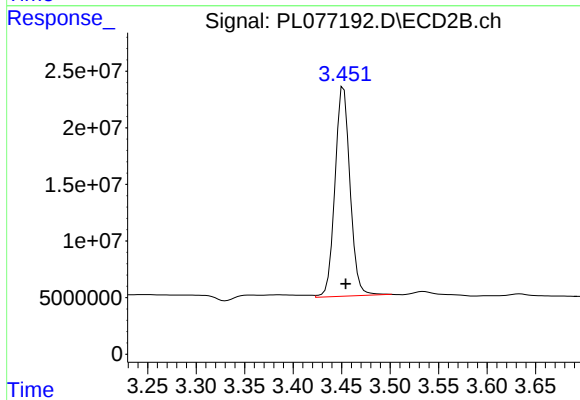
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 77223429
Conc: 60.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

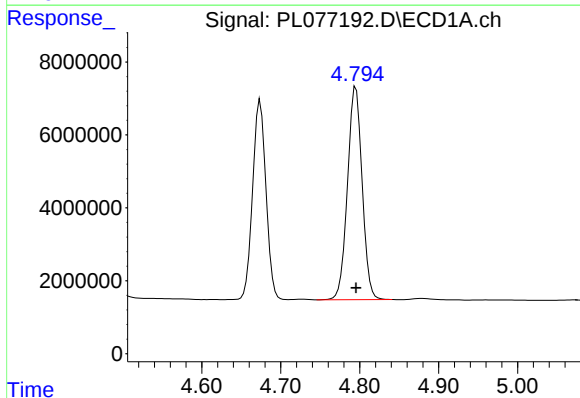
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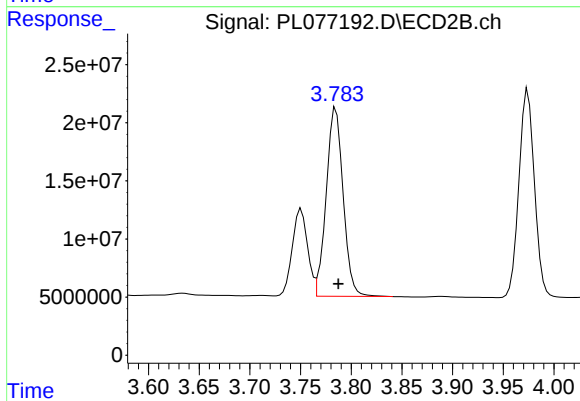
#3 gamma-BHC (Lindane)

R.T.: 3.452 min
Delta R.T.: -0.002 min
Response: 199198120
Conc: 52.21 ng/ml



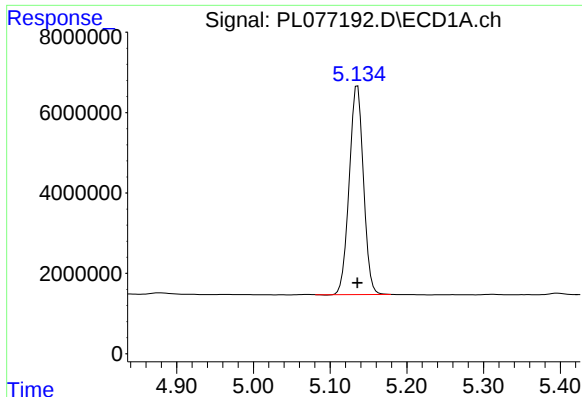
#4 Heptachlor

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 75476886
Conc: 61.43 ng/ml



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: -0.003 min
Response: 188906387
Conc: 52.64 ng/ml



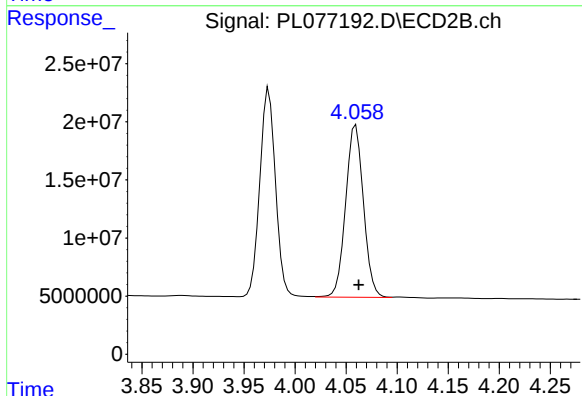
#5 Aldrin

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 67386956
Conc: 59.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

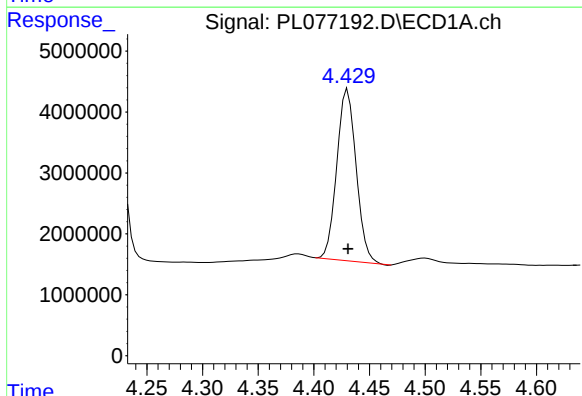
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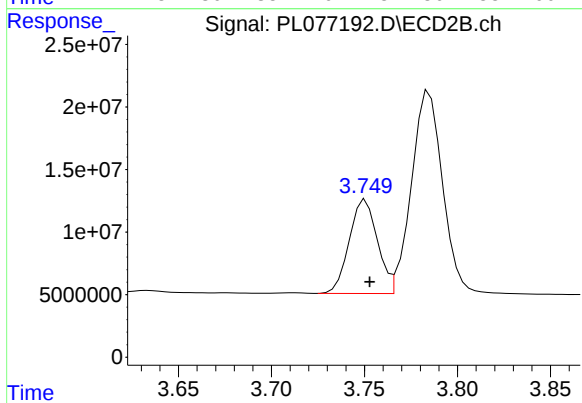
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 180097477
Conc: 50.83 ng/ml



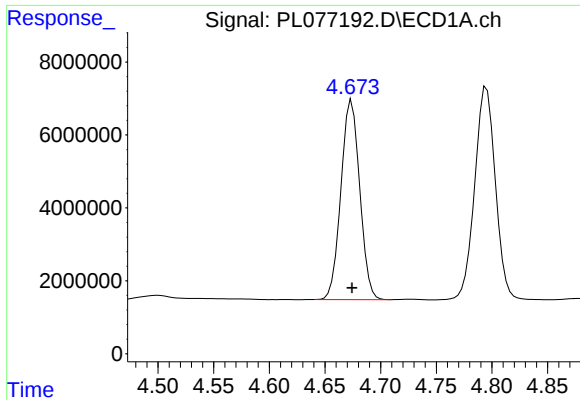
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 33886197
Conc: 60.37 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 79163798
Conc: 50.67 ng/ml



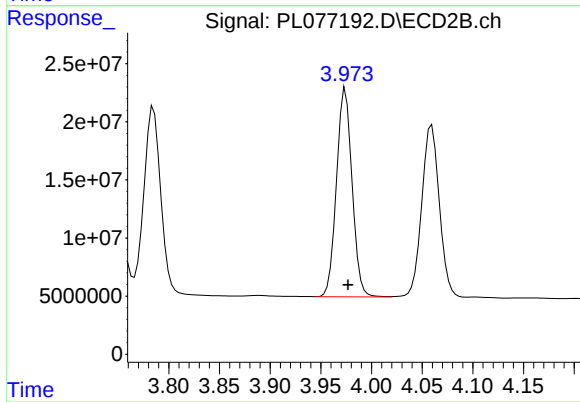
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 64346199
Conc: 57.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

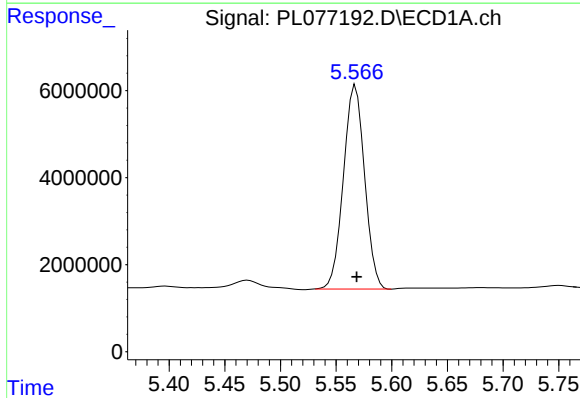
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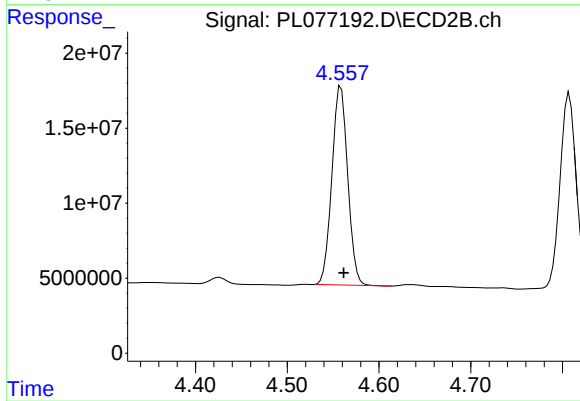
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 192314441
Conc: 50.32 ng/ml



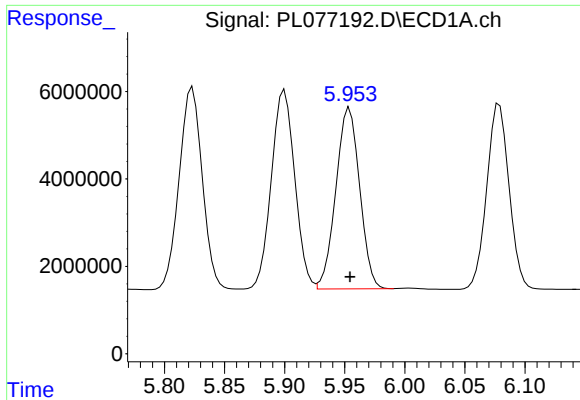
#8 Heptachlor epoxide

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 62053742
Conc: 61.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 159168415
Conc: 52.37 ng/ml



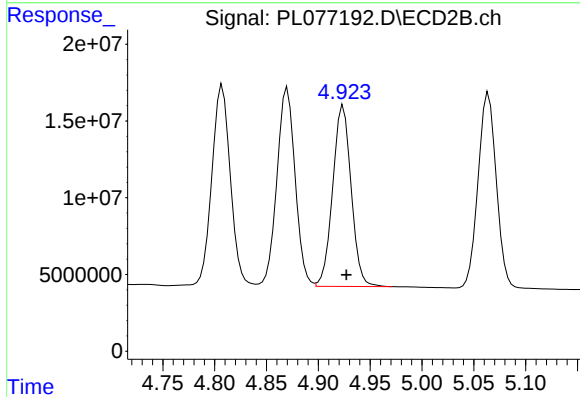
#9 Endosulfan I

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 57187188
Conc: 62.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

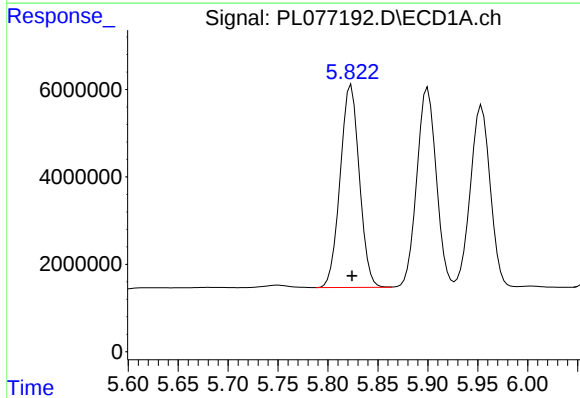
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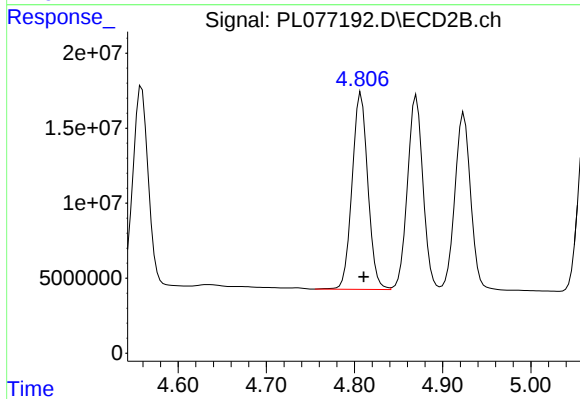
#9 Endosulfan I

R.T.: 4.924 min
Delta R.T.: -0.003 min
Response: 145960524
Conc: 53.41 ng/ml



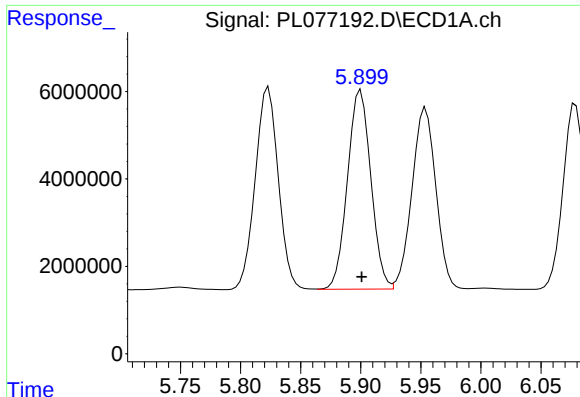
#10 gamma-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 61934239
Conc: 61.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.807 min
Delta R.T.: -0.003 min
Response: 162849175
Conc: 53.45 ng/ml



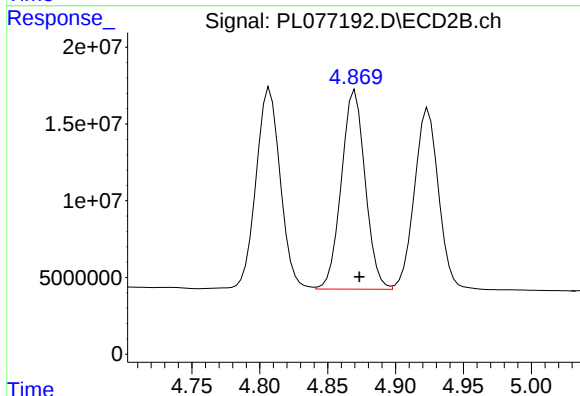
#11 alpha-Chlordane

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 61842545
Conc: 61.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

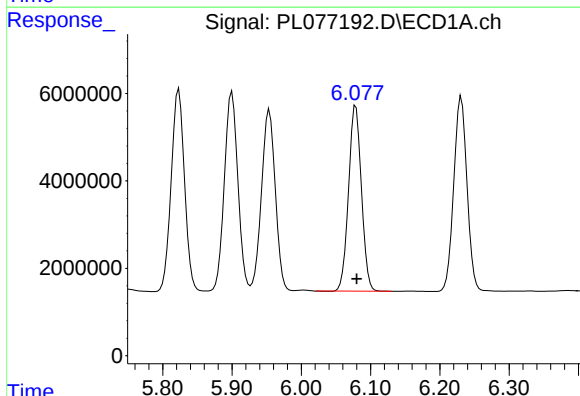
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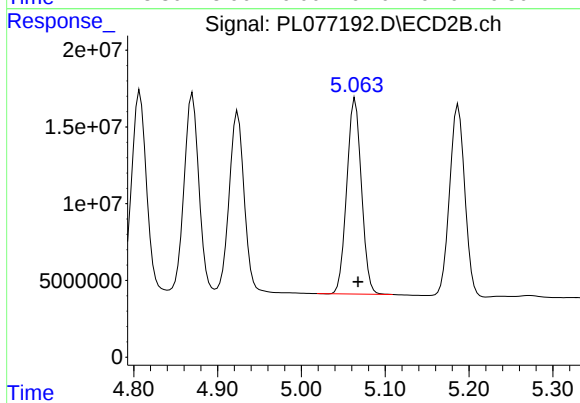
#11 alpha-Chlordane

R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 158225680
Conc: 53.13 ng/ml



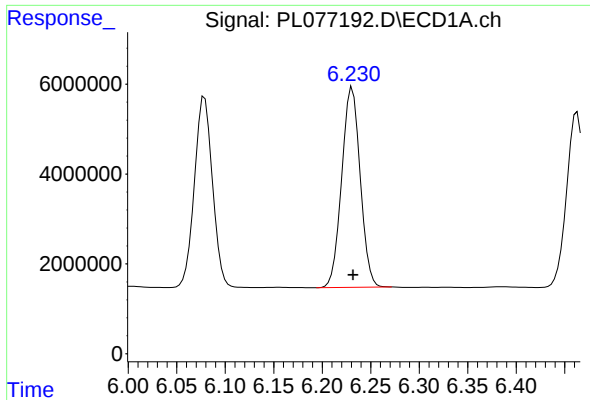
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: -0.001 min
Response: 54876394
Conc: 62.89 ng/ml



#12 4,4'-DDE

R.T.: 5.064 min
Delta R.T.: -0.004 min
Response: 155481991
Conc: 53.89 ng/ml



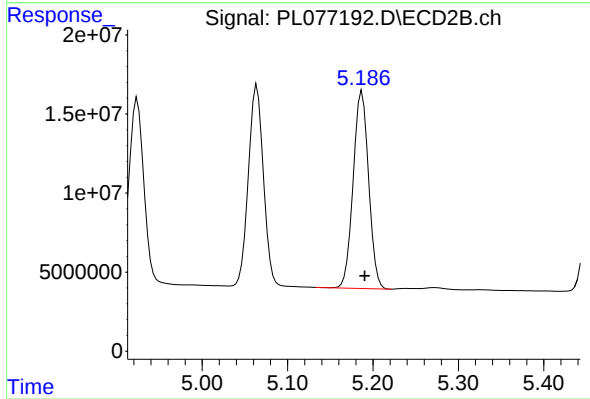
#13 Dieldrin

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 59008189
Conc: 60.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

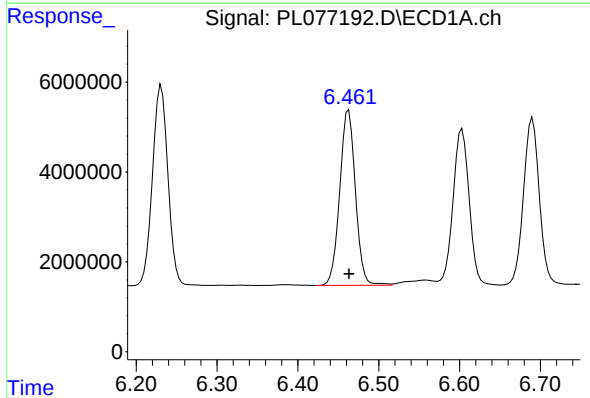
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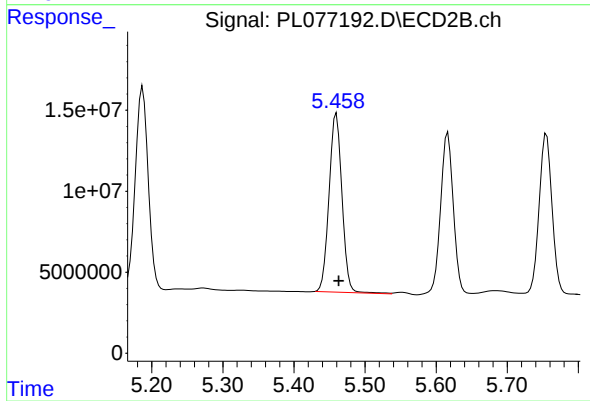
#13 Dieldrin

R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 157014152
Conc: 52.34 ng/ml



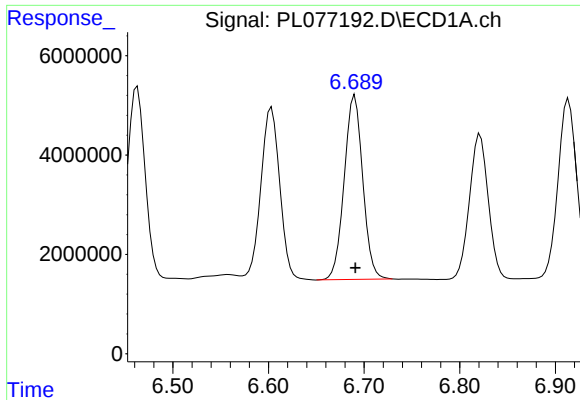
#14 Endrin

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 52611056
Conc: 64.64 ng/ml



#14 Endrin

R.T.: 5.460 min
Delta R.T.: -0.003 min
Response: 139340286
Conc: 54.85 ng/ml



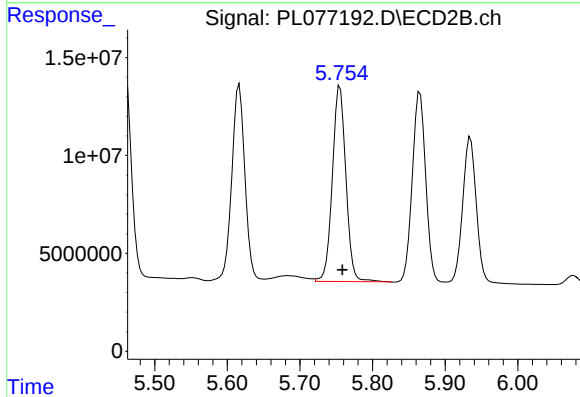
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 50151518
Conc: 58.47 ng/ml

Instrument :
ECD_L
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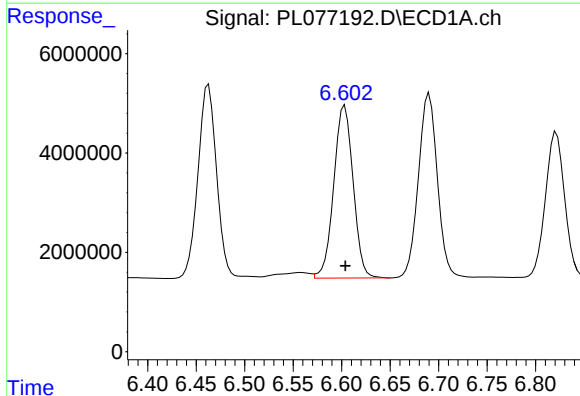
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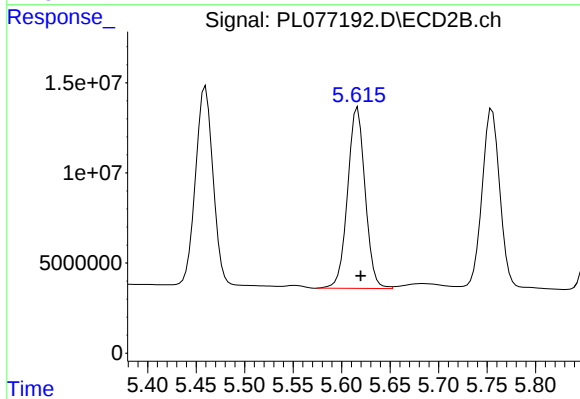
#15 Endosulfan II

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 129329318
Conc: 49.38 ng/ml



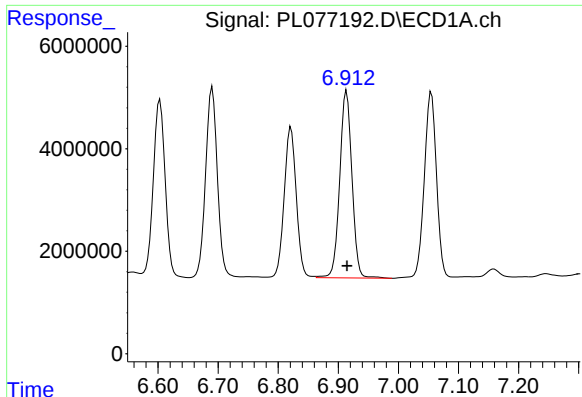
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 48217909
Conc: 63.29 ng/ml



#16 4,4'-DDD

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 126125715
Conc: 55.97 ng/ml



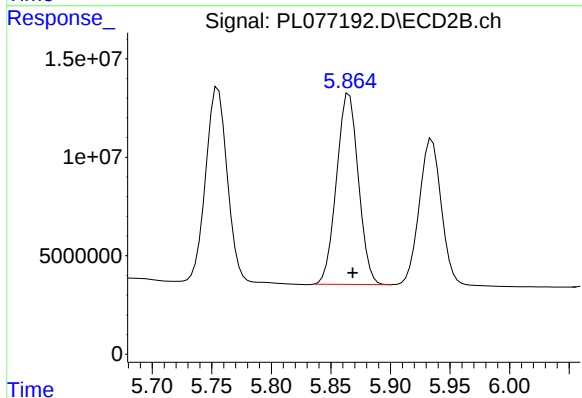
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 51534518
Conc: 67.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
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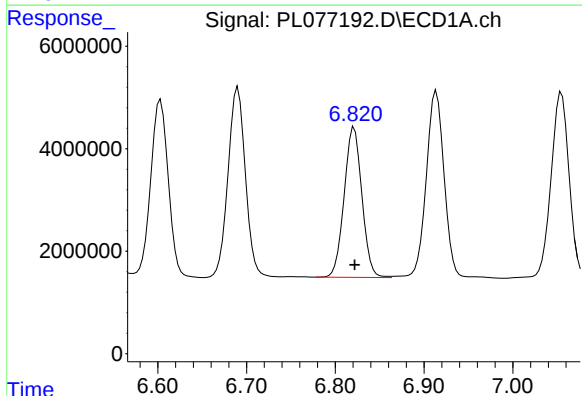
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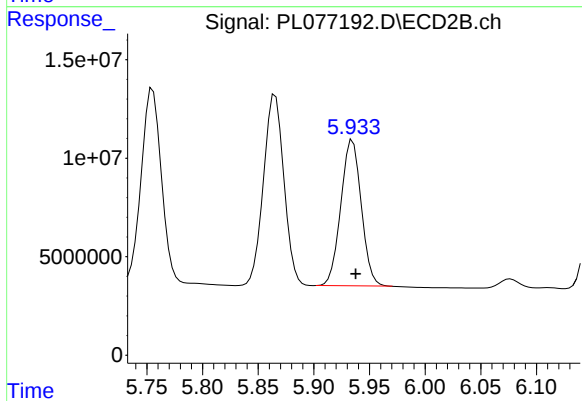
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 123573544
Conc: 54.51 ng/ml



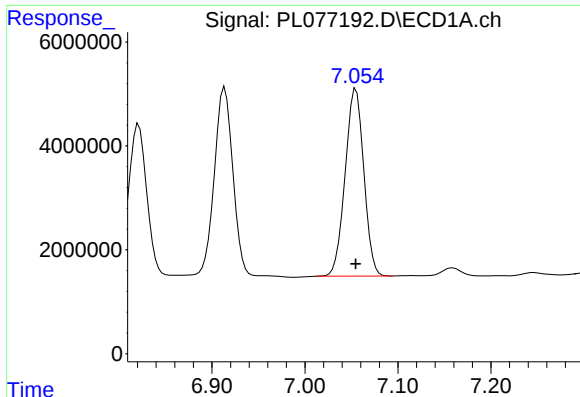
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 40681596
Conc: 56.42 ng/ml



#18 Endrin aldehyde

R.T.: 5.933 min
Delta R.T.: -0.004 min
Response: 94770475
Conc: 48.20 ng/ml m



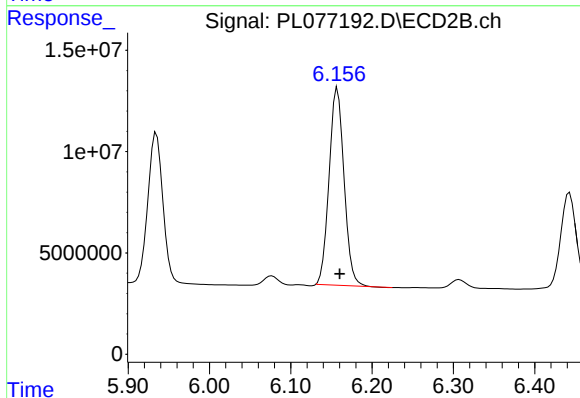
#19 Endosulfan Sulfate

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 50320084
Conc: 60.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

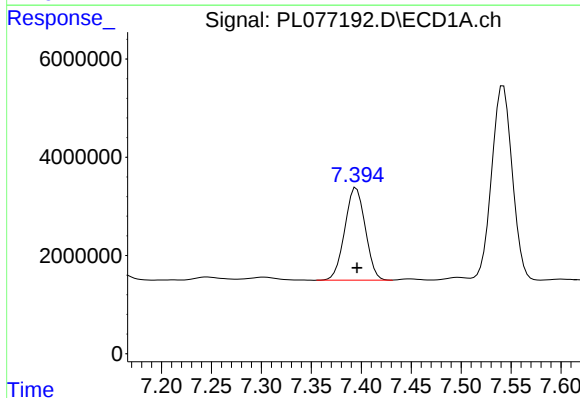
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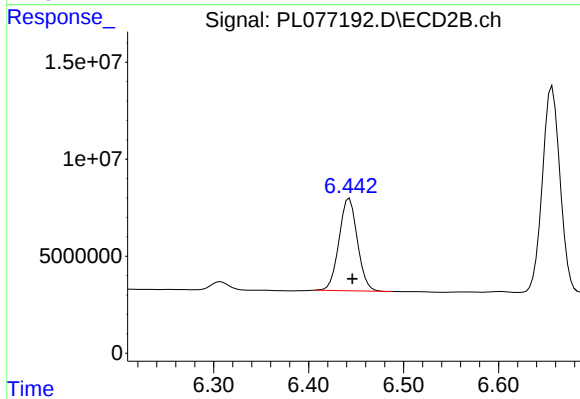
#19 Endosulfan Sulfate

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 124562541
Conc: 53.99 ng/ml



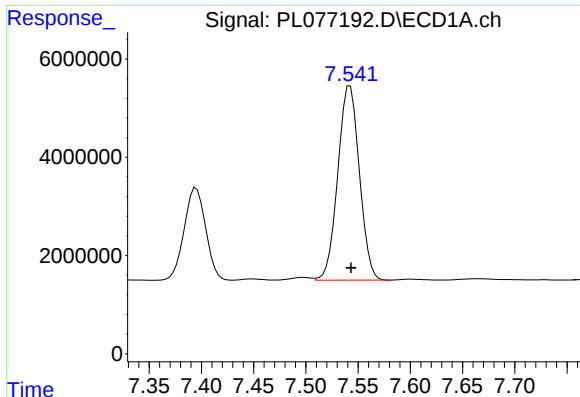
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 26934326
Conc: 60.68 ng/ml



#20 Methoxychlor

R.T.: 6.443 min
Delta R.T.: -0.003 min
Response: 64156731
Conc: 53.34 ng/ml



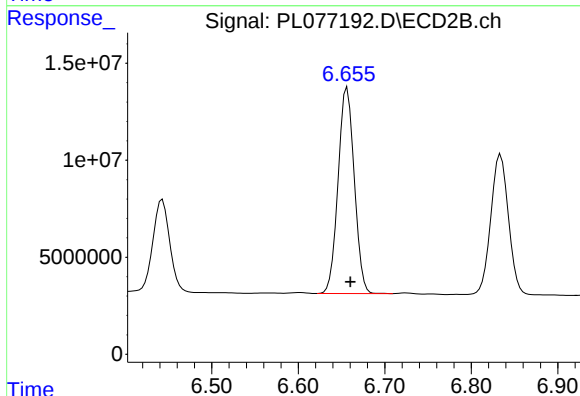
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 56800402
Conc: 62.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

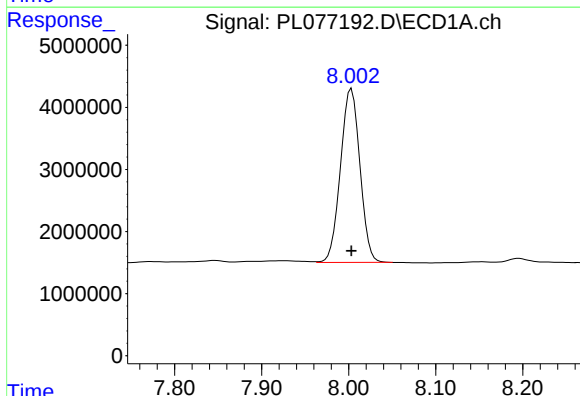
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2022
Supervised By :Ankita Jodhani 08/19/2022



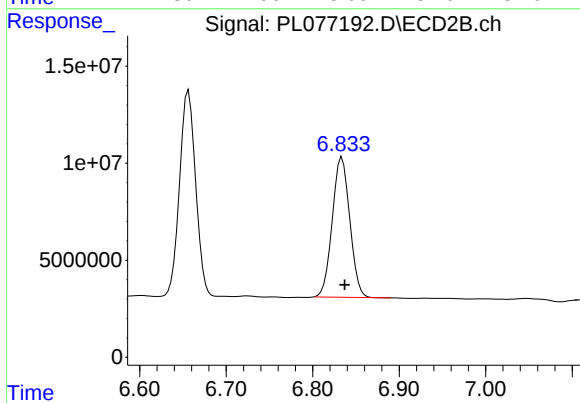
#21 Endrin ketone

R.T.: 6.657 min
Delta R.T.: -0.004 min
Response: 137247183
Conc: 53.95 ng/ml



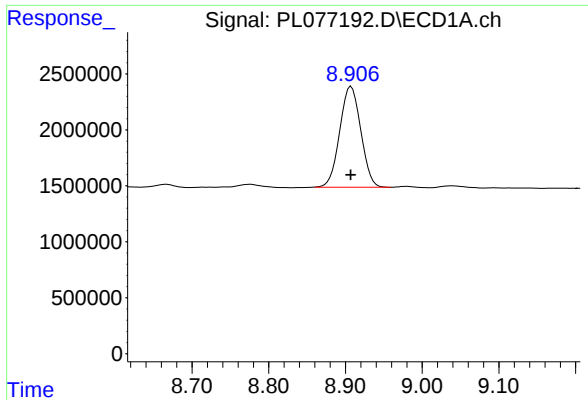
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 43412592
Conc: 61.79 ng/ml



#22 Mirex

R.T.: 6.834 min
Delta R.T.: -0.003 min
Response: 100955972
Conc: 52.77 ng/ml



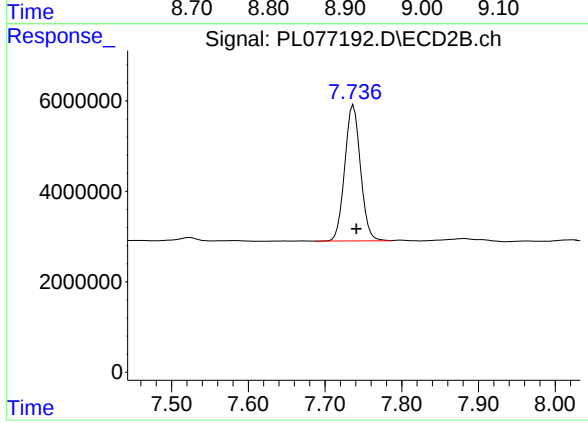
#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 17225202
Conc: 22.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1-0816MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.004 min
Response: 43146066
Conc: 19.17 ng/ml