

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112123\
 Data File : PL086785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 14:26
 Operator : AR\AJ
 Sample : 05492-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-13MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 20:20:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 2023
 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...	3.351	2.617	52841342	16636973	16.274	16.897
28)	SA Decachlor...	8.849	7.764	44514183	20639340	15.207	17.091
Target Compounds							
2)	A alpha-BHC	3.805	3.115	215.3E6	64714310	44.763	48.549
3)	MA gamma-BHC...	4.136	3.442	206.8E6	64819543	43.946	48.842
4)	MA Heptachlor	4.723	3.777	208.1E6	66547197	45.622	49.713
5)	MB Aldrin	5.062	4.054	197.0E6	61785215	43.521	47.480
6)	B beta-BHC	4.340	3.744	89734257	28263668	44.366	47.419
7)	B delta-BHC	4.583	3.969	203.0E6	62201540	44.206	47.545
8)	B Heptachlo...	5.492	4.558	164.0E6	57689101	42.178	48.034
9)	A Endosulfan I	5.874	4.926	174.9E6	54885305	46.629m	47.733
10)	B gamma-Chl...	5.750	4.810	199.3E6	60399459	48.641	48.955
11)	B alpha-Chl...	5.828	4.873	188.3E6	59432071	46.380m	47.527
12)	B 4,4'-DDE	6.013	5.073	187.6E6	70995485	54.102	69.161 #
13)	MA Dieldrin	6.153	5.190	164.4E6	62235623	41.804	52.160m
14)	MA Endrin	6.381	5.465	139.5E6	56675303	40.507	51.743 #
15)	B Endosulfa...	6.605	5.763	113.7E6	49574554	31.986	45.168 #
16)	A 4,4'-DDD	6.532	5.629	122.7E6	44272201	46.081	51.964
17)	MA 4,4'-DDT	6.847	5.879	189.8E6	69747443	64.032	71.348
18)	B Endrin al...	6.736	5.944	103.7E6	40514461	39.125	43.250
19)	B Endosulfa...	6.972	6.169	135.7E6	51758728	40.439	47.652
20)	A Methoxychlor	7.333	6.465	81005451	34175974	50.759	57.134
21)	B Endrin ke...	7.453	6.670	144.3E6	57079001	42.337	44.547
22)	Mirex	7.926	6.846	108.3E6	46159697	38.347	40.608

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112123\
Data File : PL086785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2023 14:26
Operator : AR\AJ
Sample : 05492-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

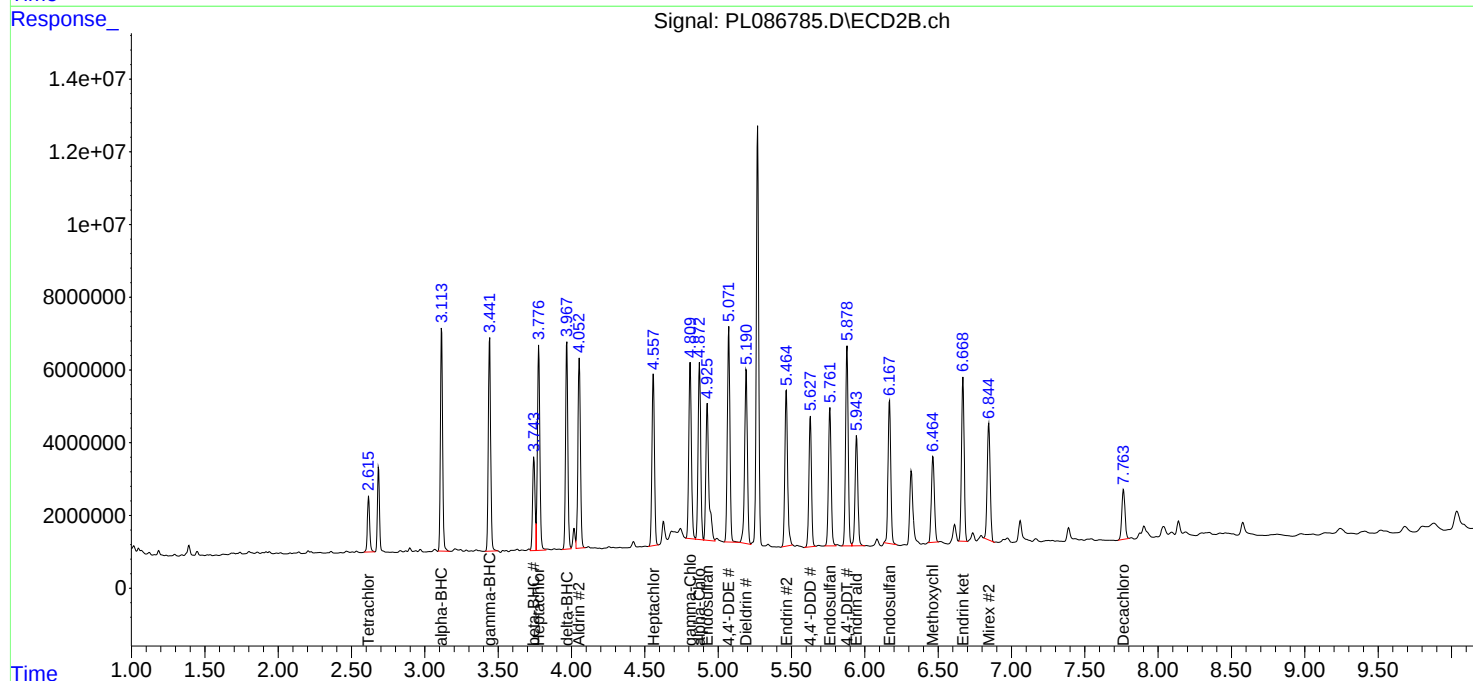
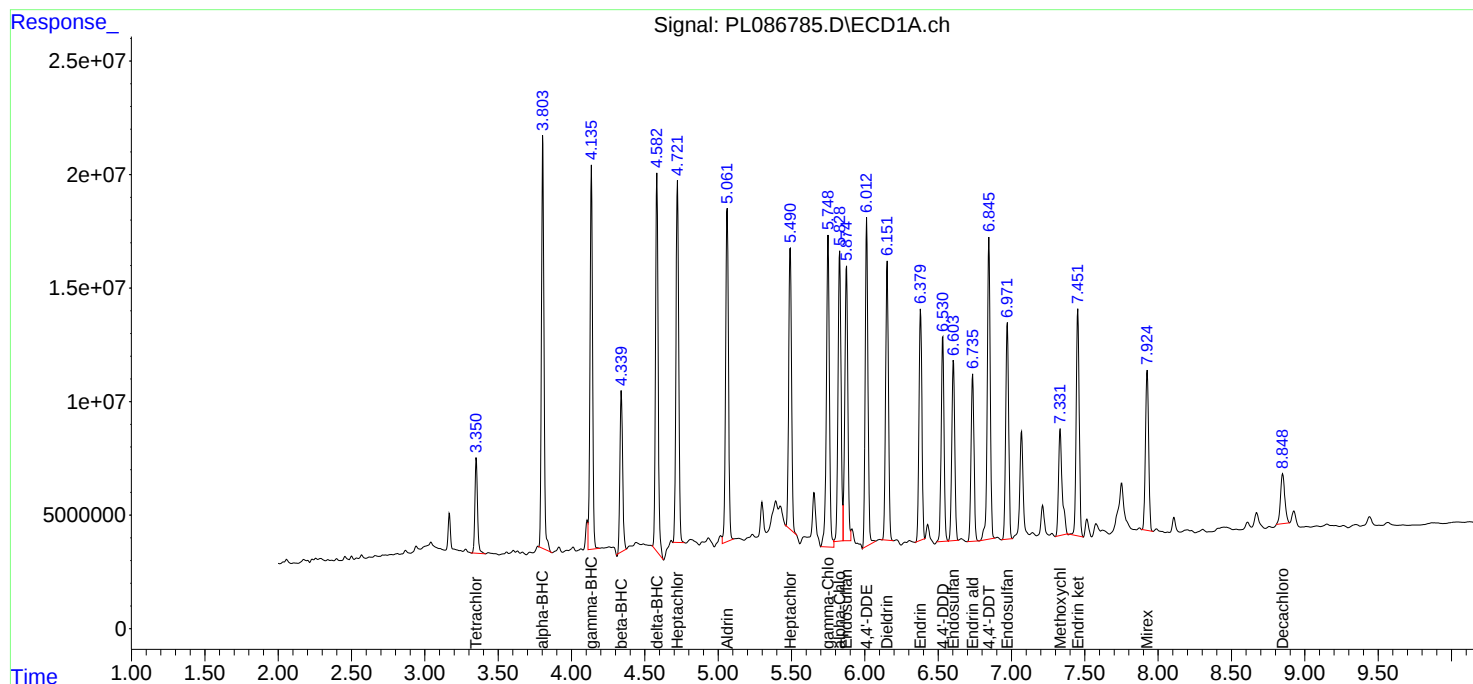
Instrument :
ECD_L
ClientSampleId :
TP-13MSD

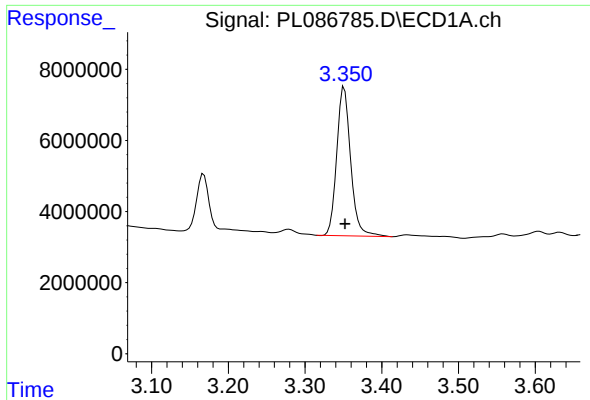
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 20:20:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 13:04:14 2023
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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





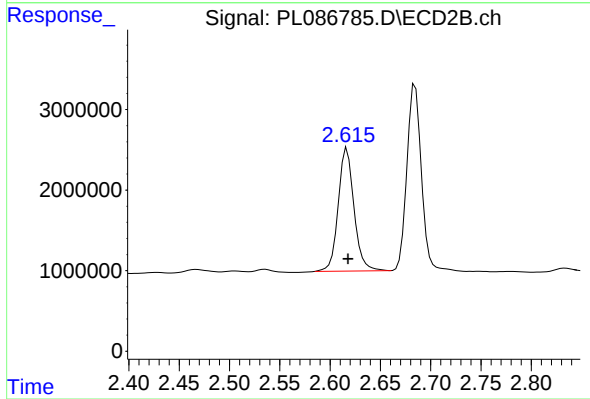
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 52841342
Conc: 16.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

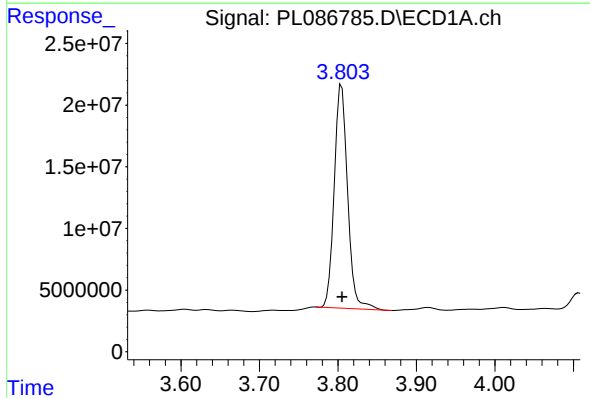
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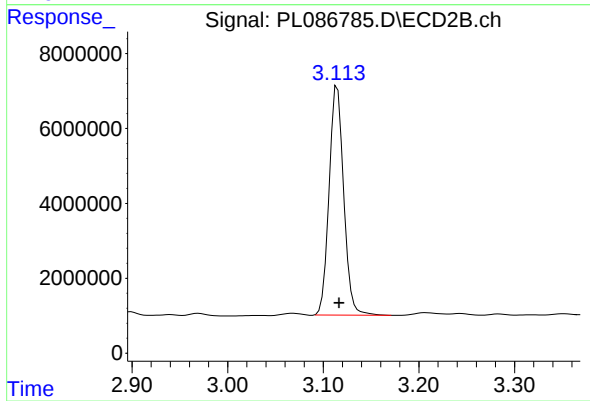
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 16636973
Conc: 16.90 ng/ml



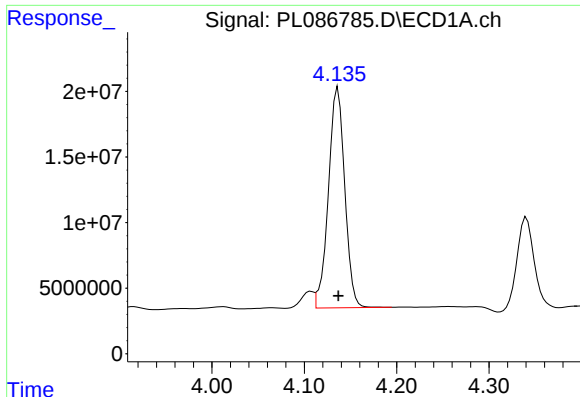
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 215327678
Conc: 44.76 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 64714310
Conc: 48.55 ng/ml



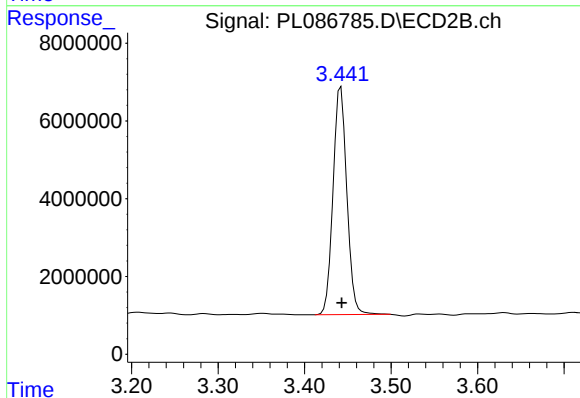
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 206750058
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

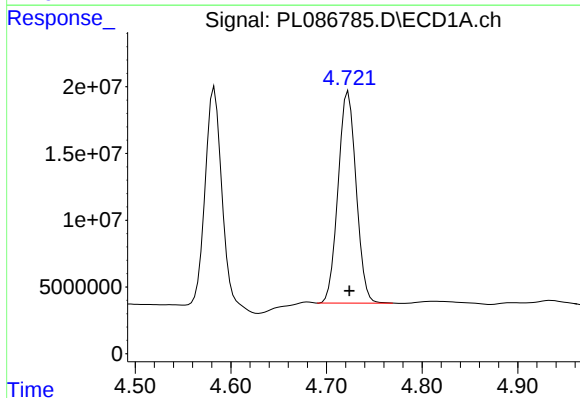
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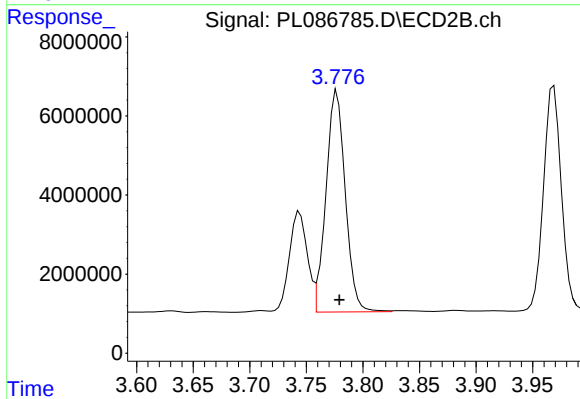
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 64819543
Conc: 48.84 ng/ml



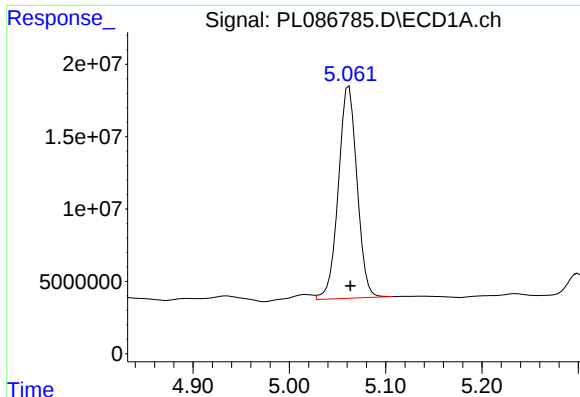
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 208125713
Conc: 45.62 ng/ml



#4 Heptachlor

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 66547197
Conc: 49.71 ng/ml



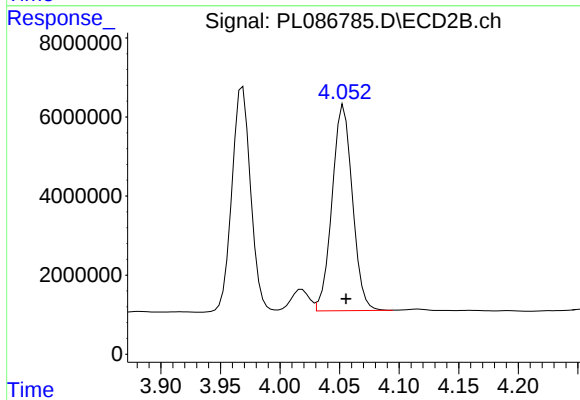
#5 Aldrin

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 197035493
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

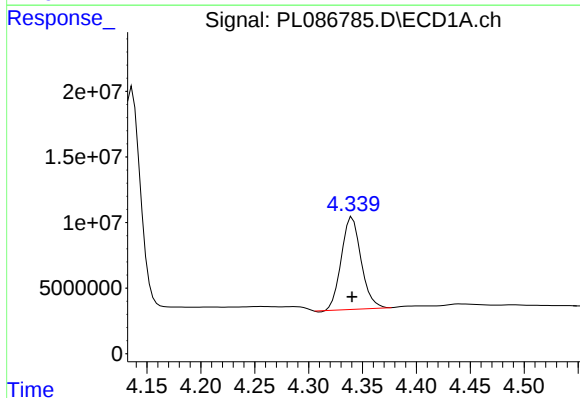
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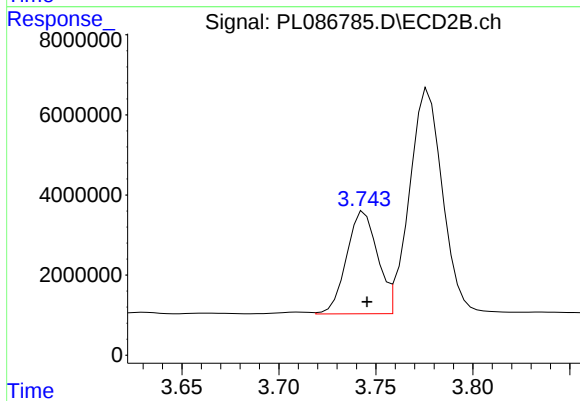
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 61785215
Conc: 47.48 ng/ml



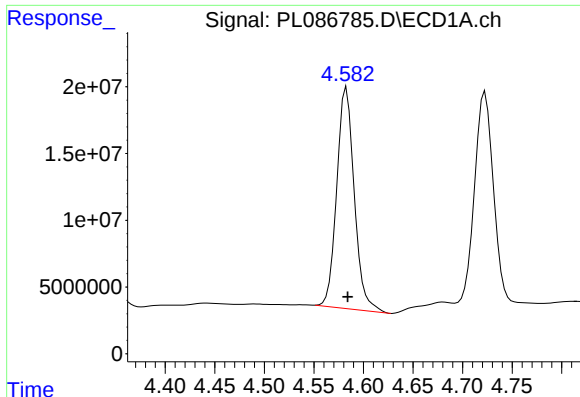
#6 beta-BHC

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 89734257
Conc: 44.37 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 28263668
Conc: 47.42 ng/ml



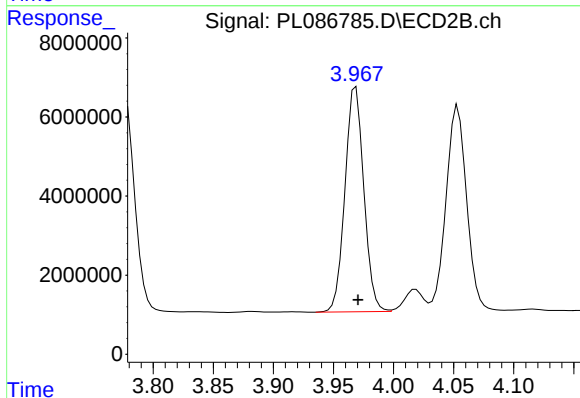
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 202967237
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

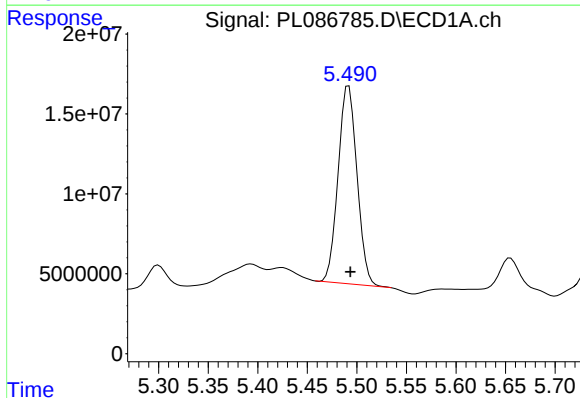
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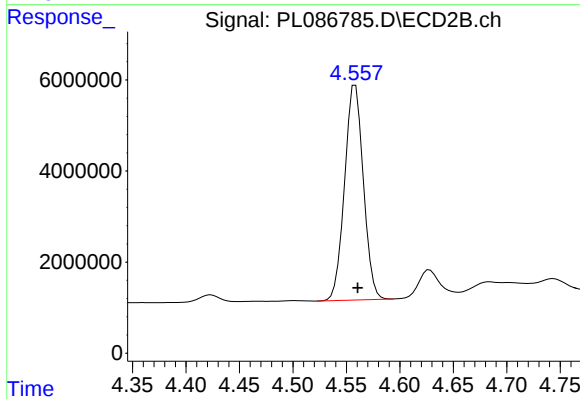
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 62201540
Conc: 47.54 ng/ml



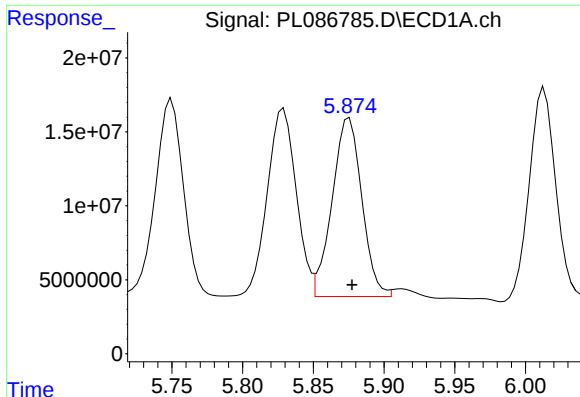
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 163960696
Conc: 42.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 57689101
Conc: 48.03 ng/ml



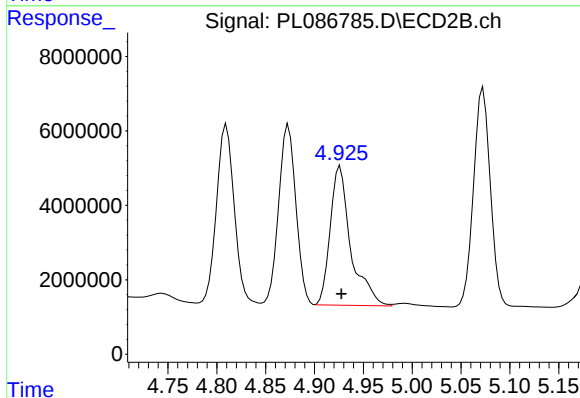
#9 Endosulfan I

R.T.: 5.874 min
Delta R.T.: -0.003 min
Response: 174932648
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

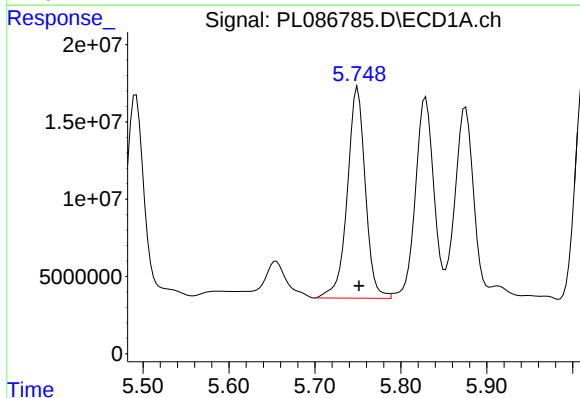
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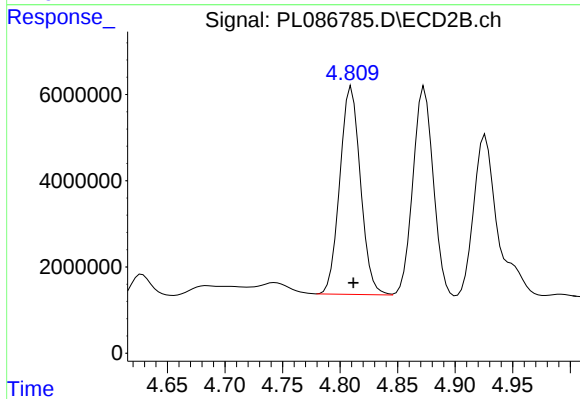
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 54885305
Conc: 47.73 ng/ml



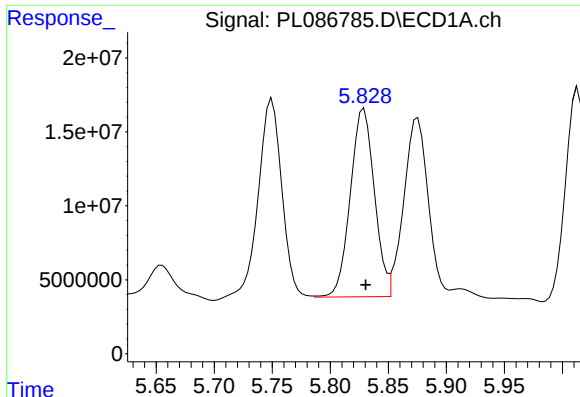
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 199294397
Conc: 48.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 60399459
Conc: 48.95 ng/ml



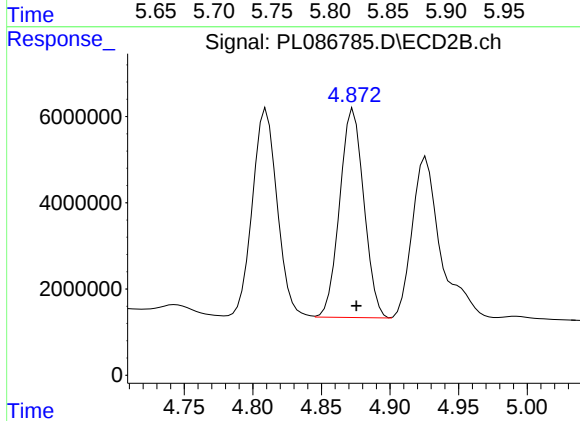
#11 alpha-Chlordane

R.T.: 5.828 min
Delta R.T.: -0.003 min
Response: 188301270
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

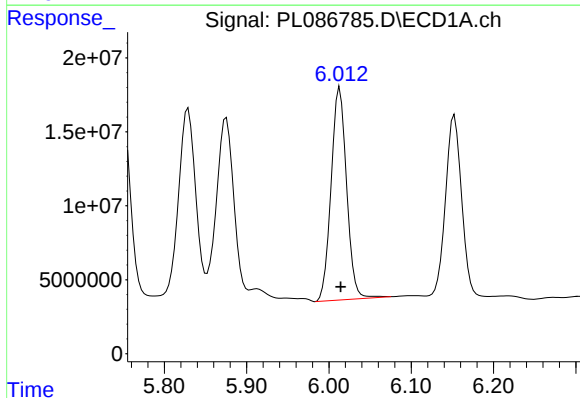
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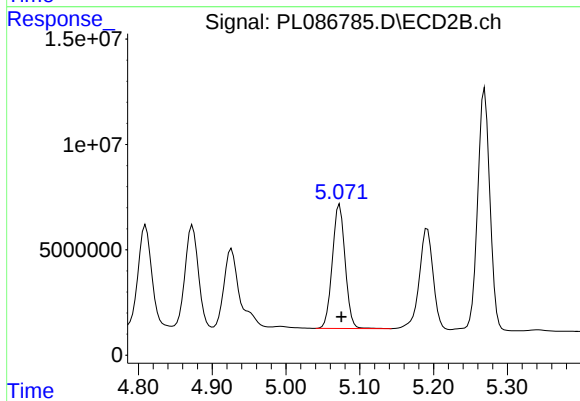
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.002 min
Response: 59432071
Conc: 47.53 ng/ml



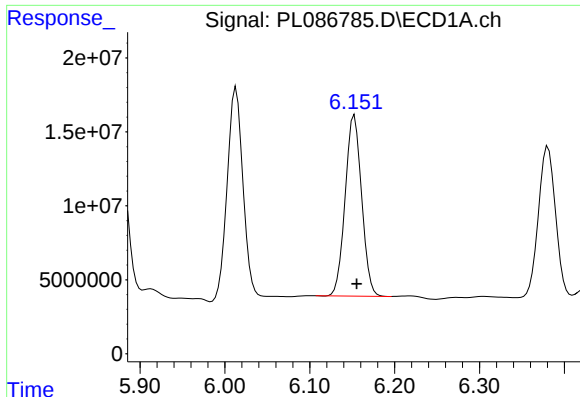
#12 4,4'-DDE

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 187640775
Conc: 54.10 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 70995485
Conc: 69.16 ng/ml



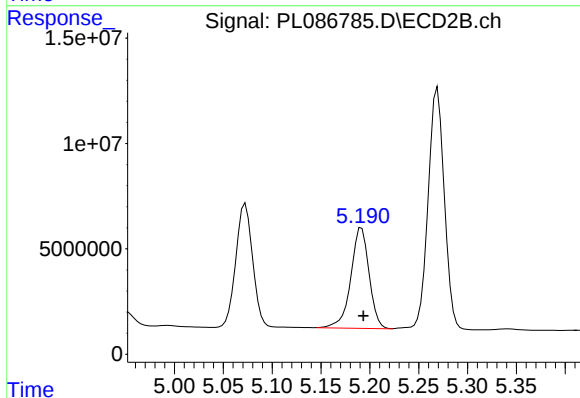
#13 Dieldrin

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 164370161
Conc: 41.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

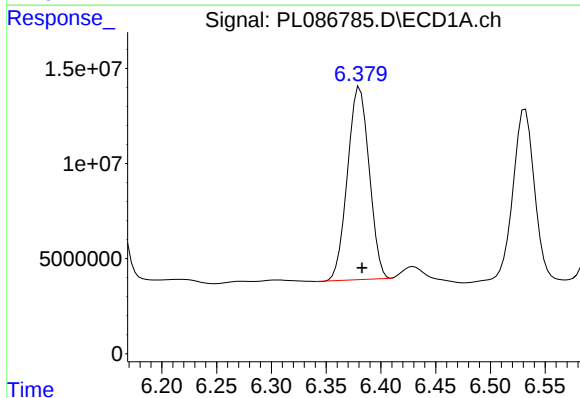
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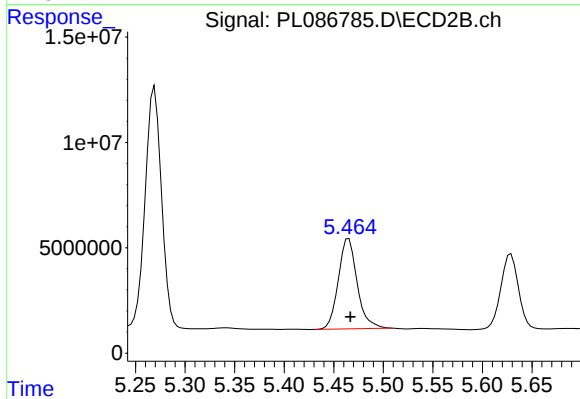
#13 Dieldrin

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 62235623
Conc: 52.16 ng/ml m



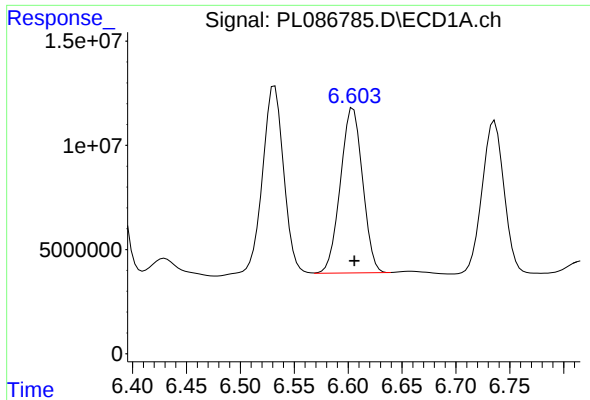
#14 Endrin

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 139521250
Conc: 40.51 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 56675303
Conc: 51.74 ng/ml



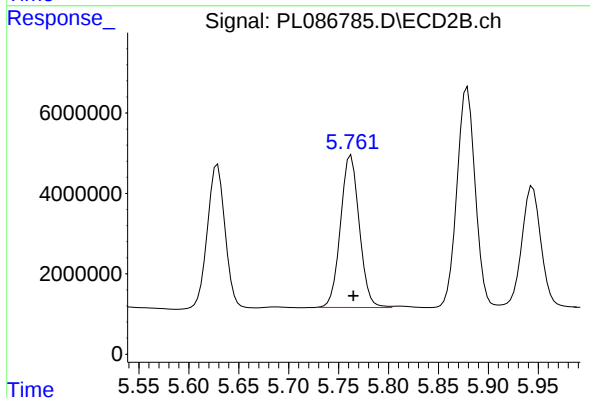
#15 Endosulfan II

R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 113690730
Conc: 31.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

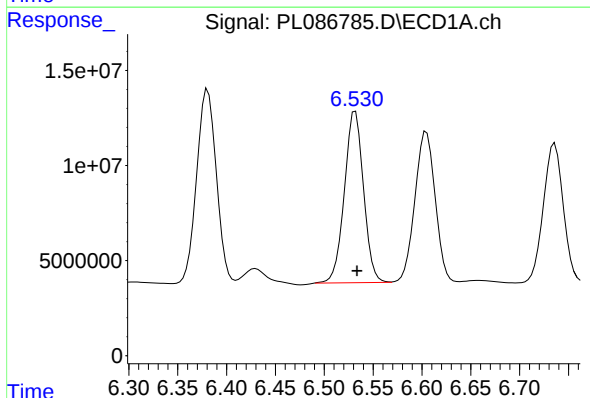
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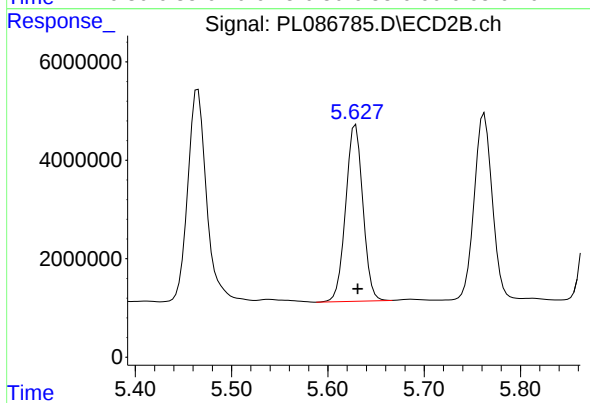
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.002 min
Response: 49574554
Conc: 45.17 ng/ml



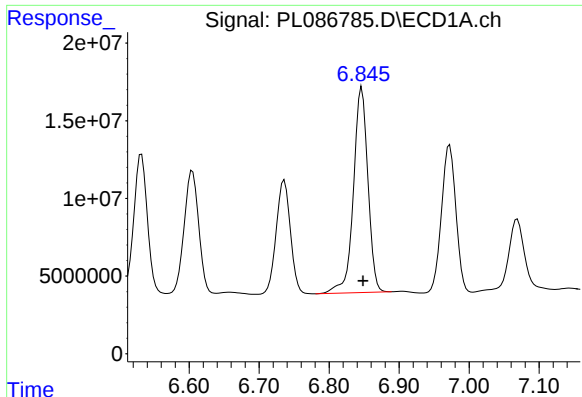
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 122702671
Conc: 46.08 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 44272201
Conc: 51.96 ng/ml



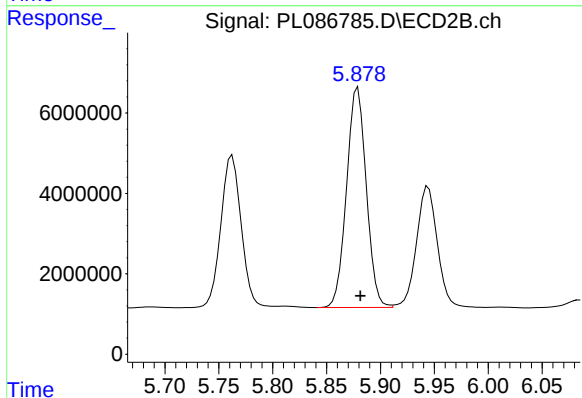
#17 4,4'-DDT

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 189812175
Conc: 64.03 ng/ml

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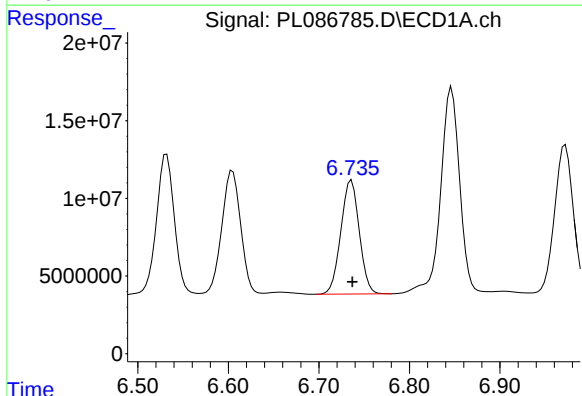
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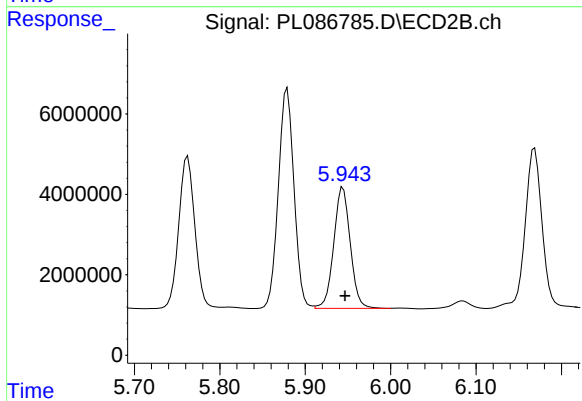
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 69747443
Conc: 71.35 ng/ml



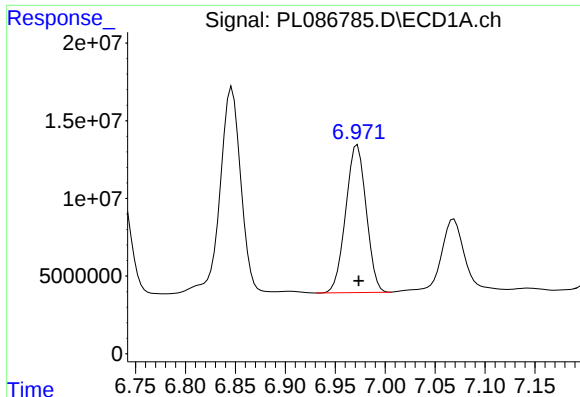
#18 Endrin aldehyde

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 103724728
Conc: 39.12 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 40514461
Conc: 43.25 ng/ml



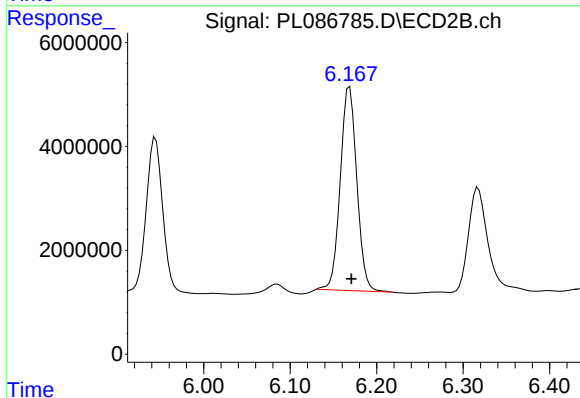
#19 Endosulfan Sulfate

R.T.: 6.972 min
Delta R.T.: -0.001 min
Response: 135725452
Conc: 40.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

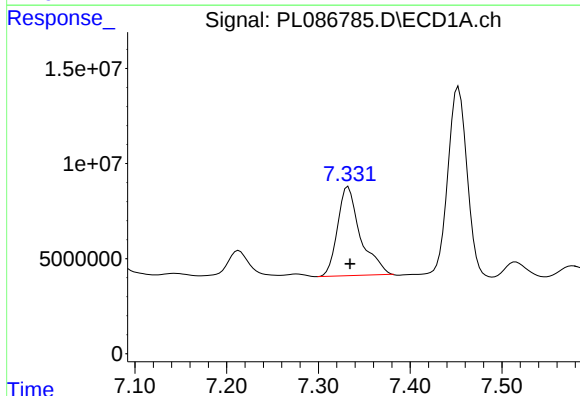
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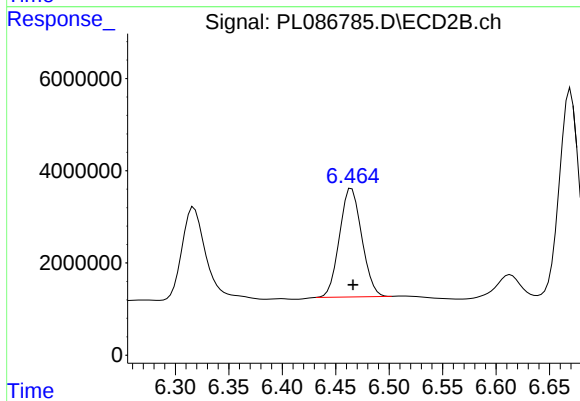
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 51758728
Conc: 47.65 ng/ml



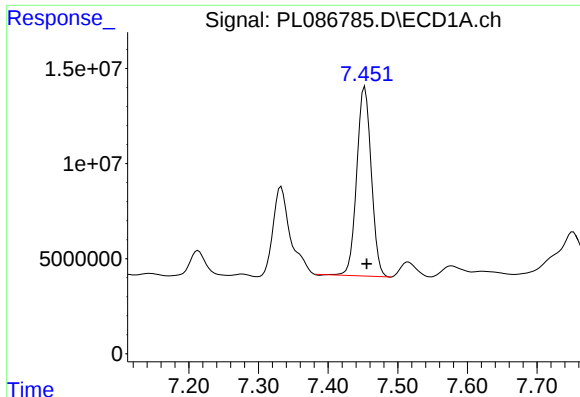
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 81005451
Conc: 50.76 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 34175974
Conc: 57.13 ng/ml



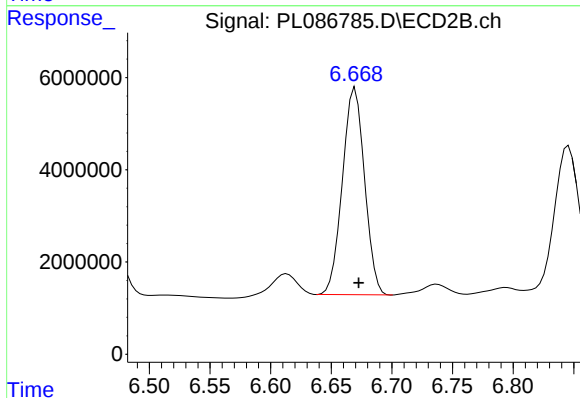
#21 Endrin ketone

R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 144286187
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

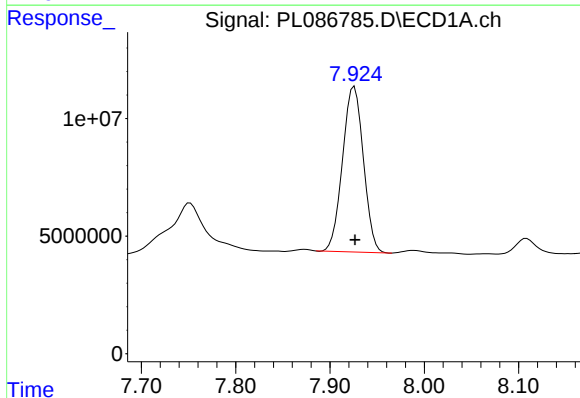
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2023
Supervised By :Ankita Jodhani 11/22/2023



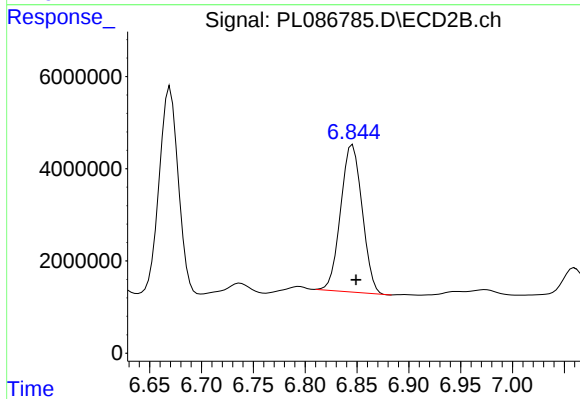
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 57079001
Conc: 44.55 ng/ml



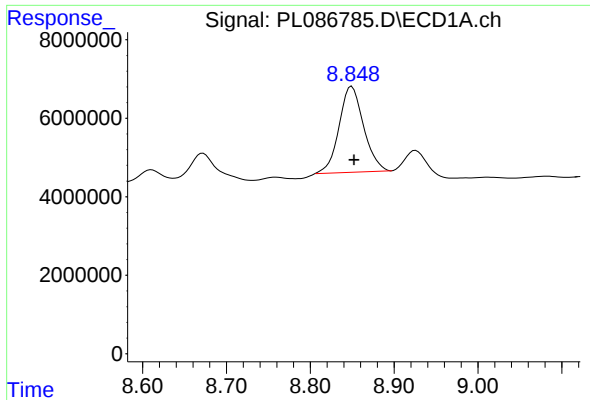
#22 Mirex

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 108298097
Conc: 38.35 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 46159697
Conc: 40.61 ng/ml



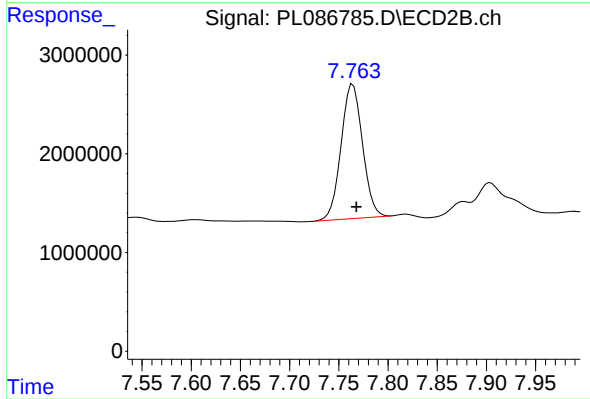
#28 Decachlorobiphenyl

R.T.: 8.849 min
Delta R.T.: -0.003 min
Response: 44514183
Conc: 15.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MSD

Manual Integrations
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Supervised By :Ankita Jodhani 11/22/2023



#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 20639340
Conc: 17.09 ng/ml