

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112023\
 Data File : PL086750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2023 11:32
 Operator : AR\AJ
 Sample : 05449-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SED-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 20:16:09 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	2.618	51099892	15996164	15.737	16.246
28)	SA Decachlor...	8.849	7.766	39943581	18555992	13.646	15.366
Target Compounds							
2)	A alpha-BHC	3.805	3.116	202.6E6	57824275	42.117	43.380
3)	MA gamma-BHC...	4.137	3.443	199.2E6	57521482	42.334	43.343
4)	MA Heptachlor	4.723	3.778	182.9E6	55608867	40.096	41.541
5)	MB Aldrin	5.062	4.055	168.0E6	50713040	37.106	38.971
6)	B beta-BHC	4.341	3.745	83226471	26293780	41.149	44.114
7)	B delta-BHC	4.583	3.968	193.5E6	55942964	42.146	42.761m
8)	B Heptachlo...	5.492	4.559	162.5E6	53143206	41.814	44.248
9)	A Endosulfan I	5.875	4.926	151.8E6	51447101	40.460m	44.743
10)	B gamma-Chl...	5.750	4.810	171.3E6	56436693	41.820	45.743
11)	B alpha-Chl...	5.829	4.874	168.3E6	55816906	41.442	44.636
12)	B 4,4'-DDE	6.013	5.073	143.7E6	47160267	41.443	45.942
13)	MA Dieldrin	6.153	5.192	156.8E6	52141546	39.887	43.700
14)	MA Endrin	6.382	5.465	140.2E6	50028031	40.712	45.674
15)	B Endosulfa...	6.605	5.763	130.3E6	46062114	36.649	41.968
16)	A 4,4'-DDD	6.532	5.629	112.7E6	41209310	42.323	48.369
17)	MA 4,4'-DDT	6.847	5.879	123.4E6	46086285	41.639	47.144
18)	B Endrin al...	6.736	5.945	89345924	33402262	33.701	35.658
19)	B Endosulfa...	6.972	6.169	129.6E6	49835929	38.609	45.882
20)	A Methoxychlor	7.333	6.463	67227896	27056657	42.126	45.232
21)	B Endrin ke...	7.454	6.671	132.9E6	56078996	38.984	43.767
22)	Mirex	7.926	6.847	102.0E6	45387908	36.105	39.929

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

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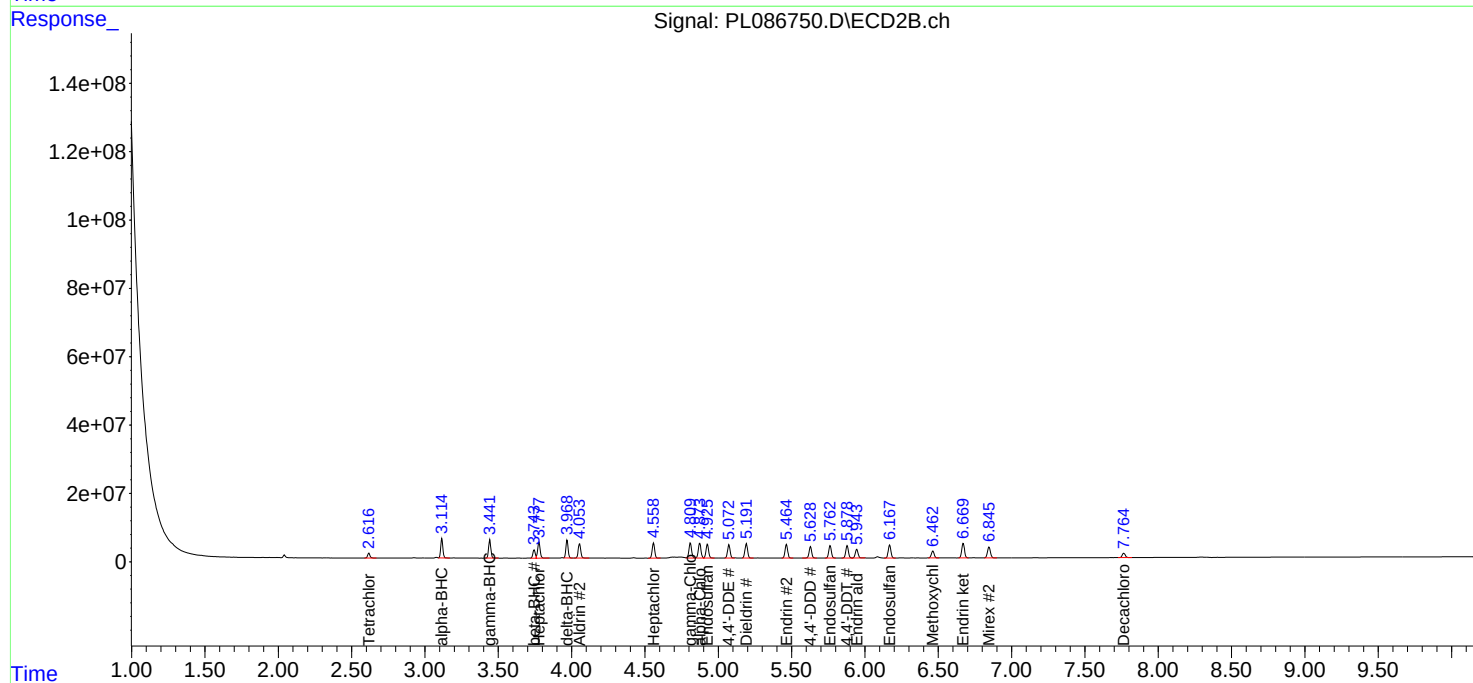
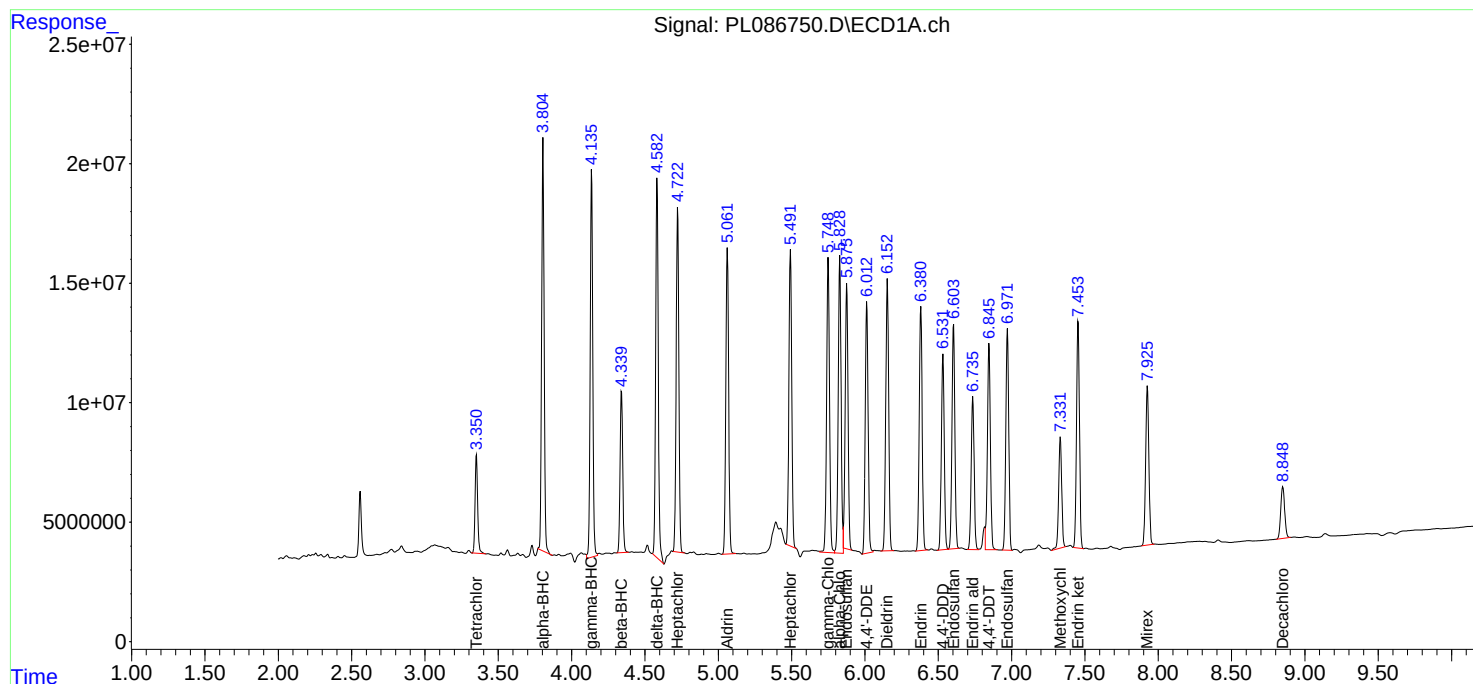
Manual Integrations

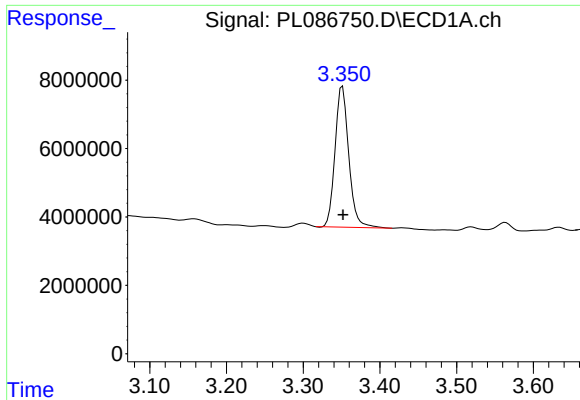
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 Supervised By :Ankita Jodhani 11/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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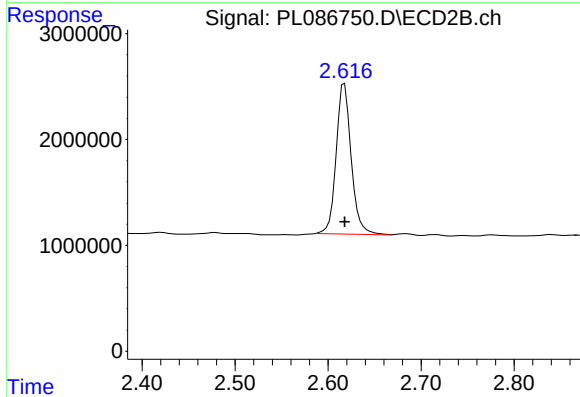
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 51099892
Conc: 15.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

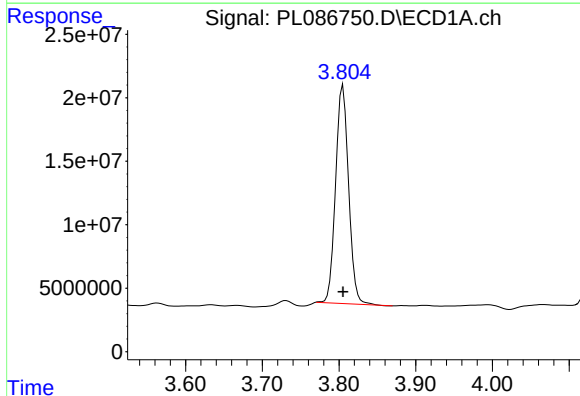
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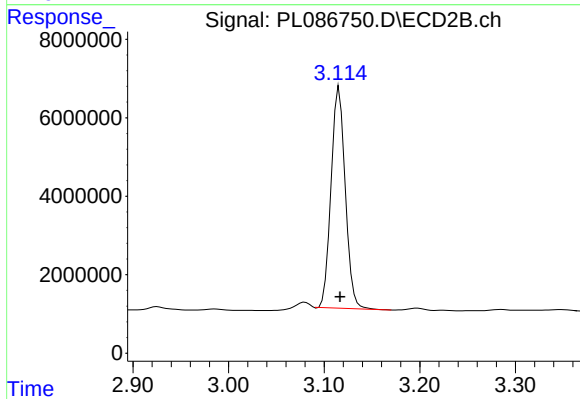
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 15996164
Conc: 16.25 ng/ml



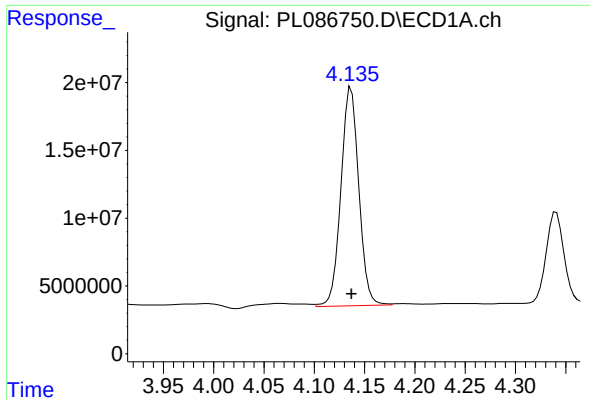
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 202598327
Conc: 42.12 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 57824275
Conc: 43.38 ng/ml



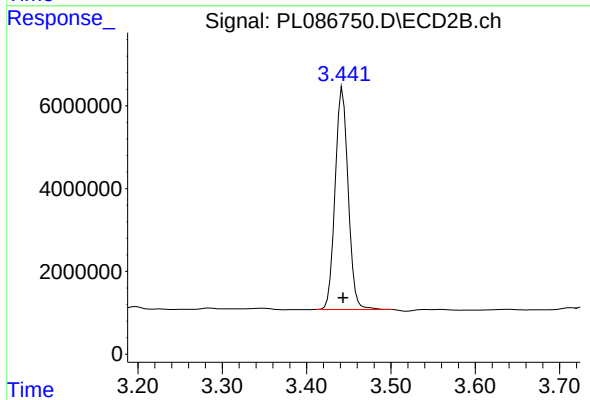
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 199165820
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

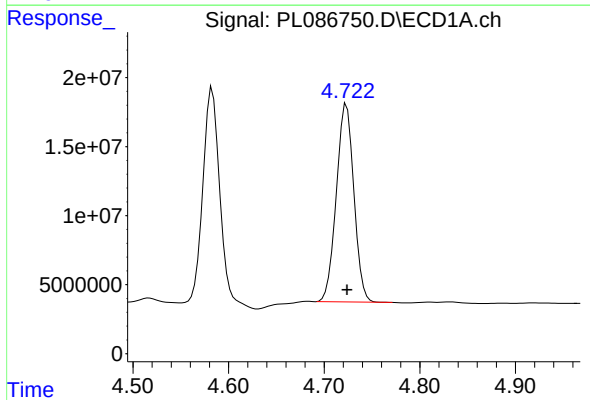
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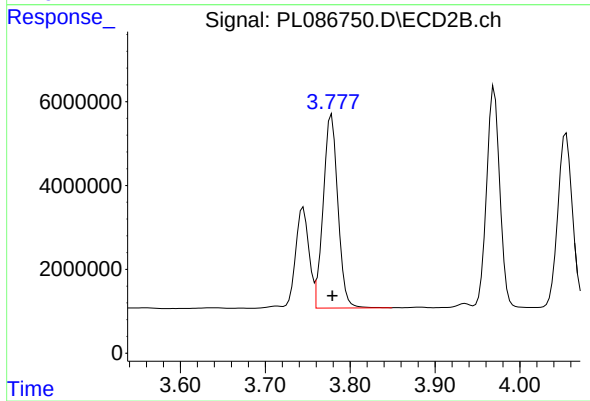
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 57521482
Conc: 43.34 ng/ml



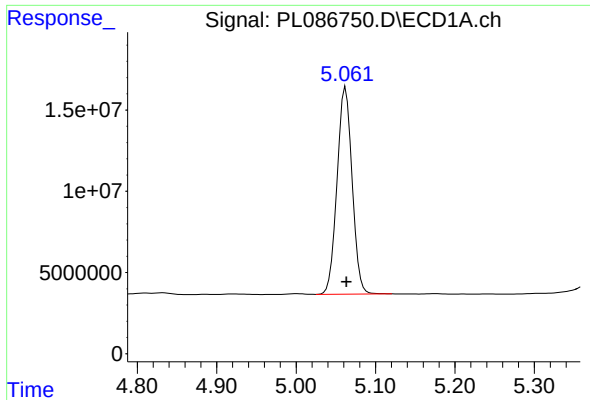
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 182915048
Conc: 40.10 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 55608867
Conc: 41.54 ng/ml



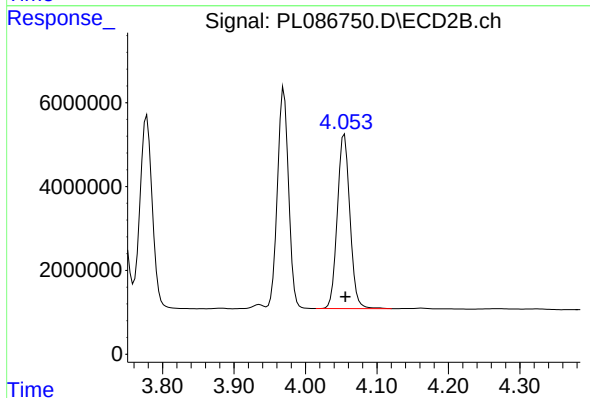
#5 Aldrin

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 167993096
Conc: 37.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

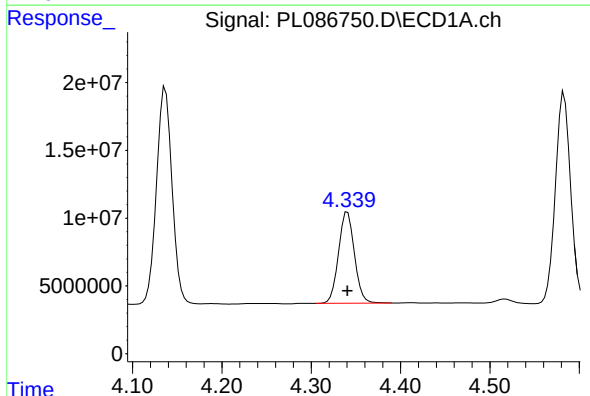
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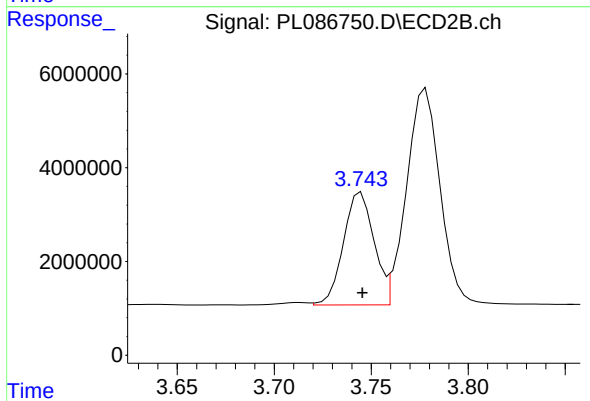
#5 Aldrin

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 50713040
Conc: 38.97 ng/ml



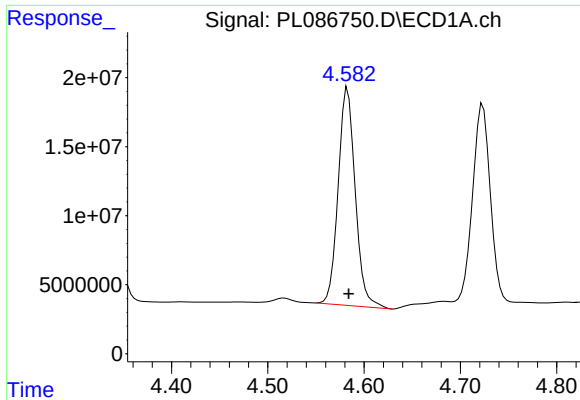
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 83226471
Conc: 41.15 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 26293780
Conc: 44.11 ng/ml



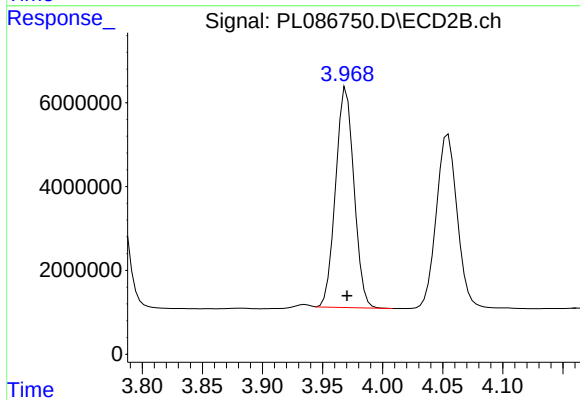
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 193507352
Conc: 42.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

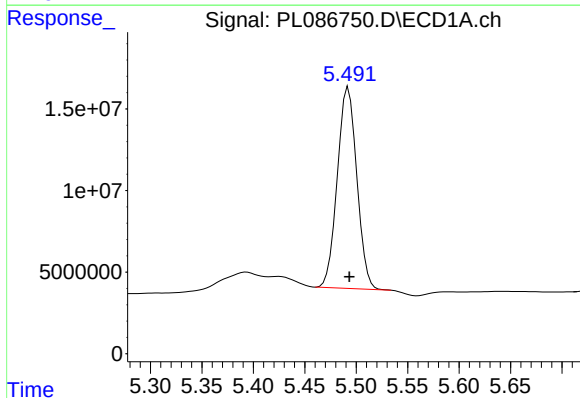
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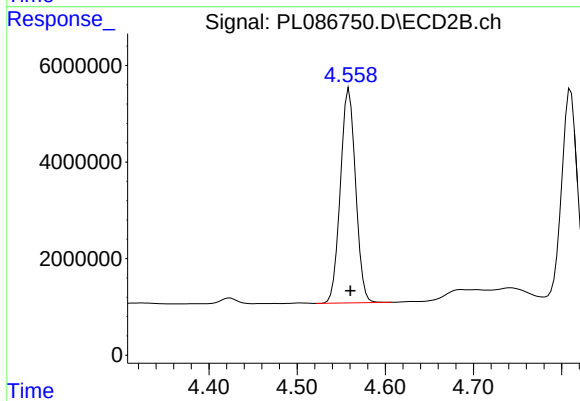
#7 delta-BHC

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 55942964
Conc: 42.76 ng/ml m



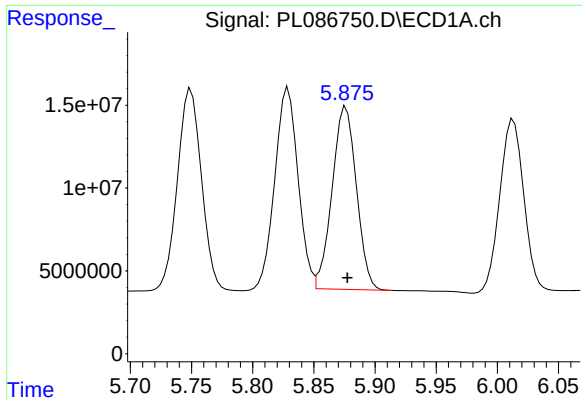
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 162545614
Conc: 41.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 53143206
Conc: 44.25 ng/ml



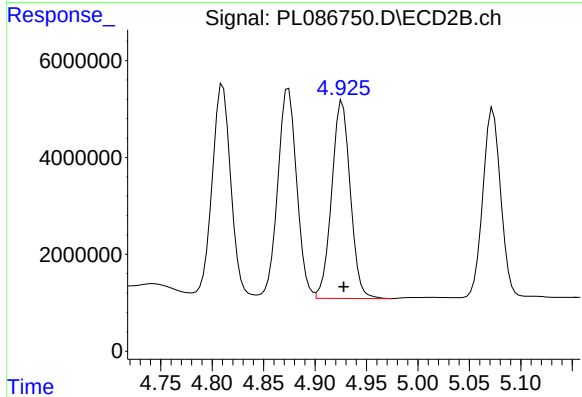
#9 Endosulfan I

R.T.: 5.875 min
Delta R.T.: -0.003 min
Response: 151790999
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

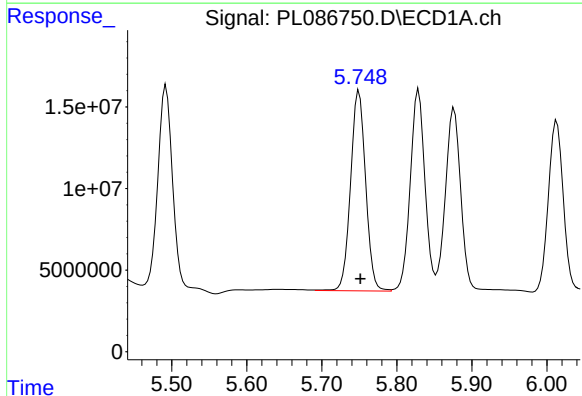
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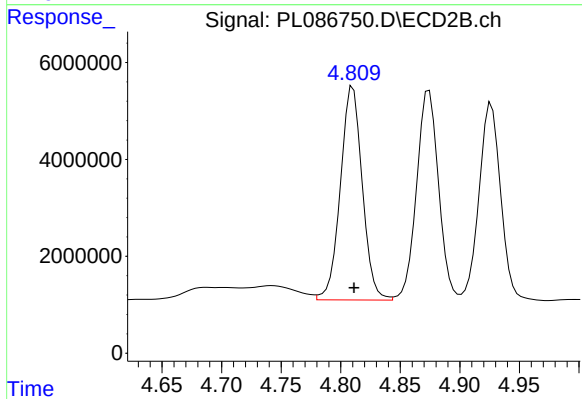
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 51447101
Conc: 44.74 ng/ml



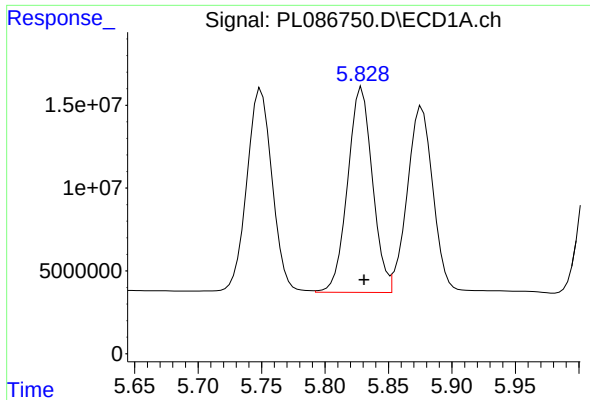
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 171345290
Conc: 41.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.810 min
Delta R.T.: -0.001 min
Response: 56436693
Conc: 45.74 ng/ml



#11 alpha-Chlordane

R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 168251721
Conc: 41.44 ng/ml

Instrument :

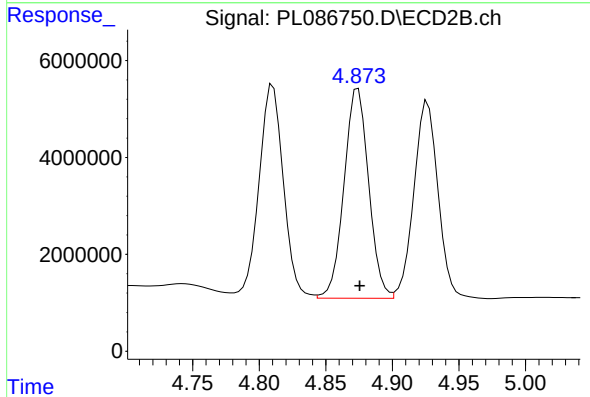
ECD_L

ClientSampleId :

WC-SED-01MS

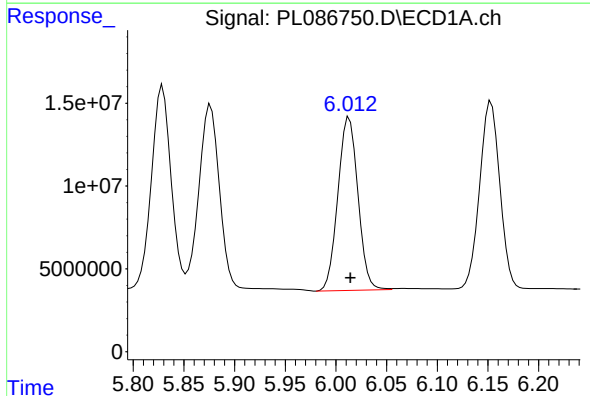
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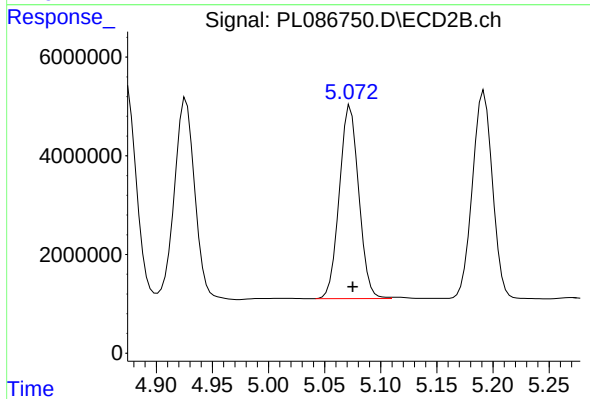
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.001 min
Response: 55816906
Conc: 44.64 ng/ml



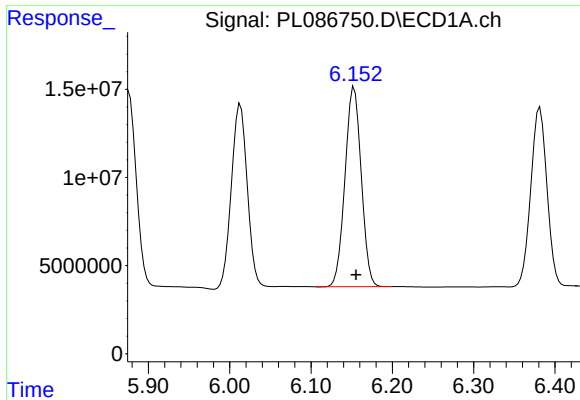
#12 4,4'-DDE

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 143735266
Conc: 41.44 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 47160267
Conc: 45.94 ng/ml



#13 Dieldrin

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 156834801
Conc: 39.89 ng/ml

Instrument :

ECD_L

ClientSampleId :

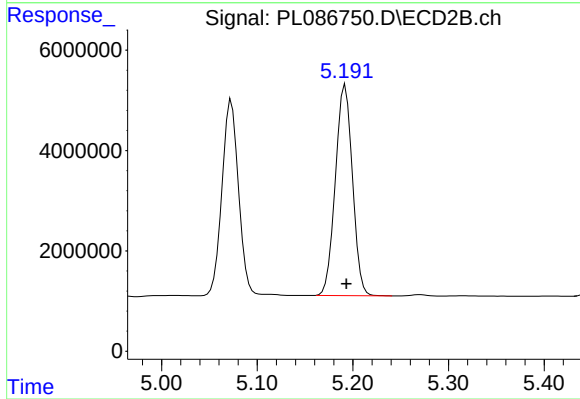
WC-SED-01MS

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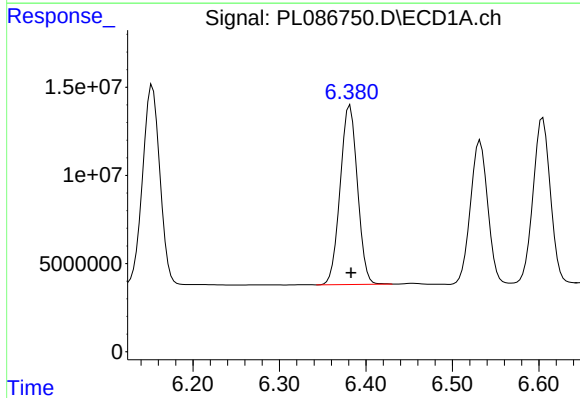
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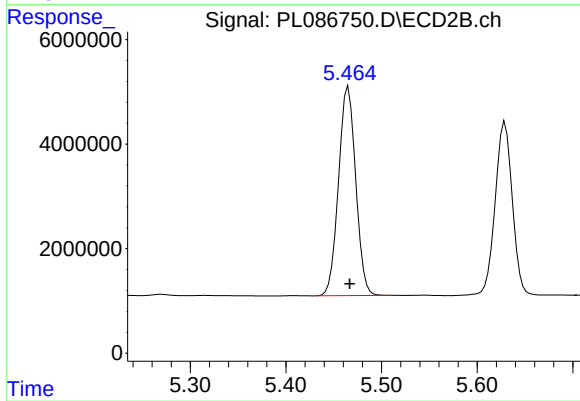
#13 Dieldrin

R.T.: 5.192 min
Delta R.T.: -0.001 min
Response: 52141546
Conc: 43.70 ng/ml



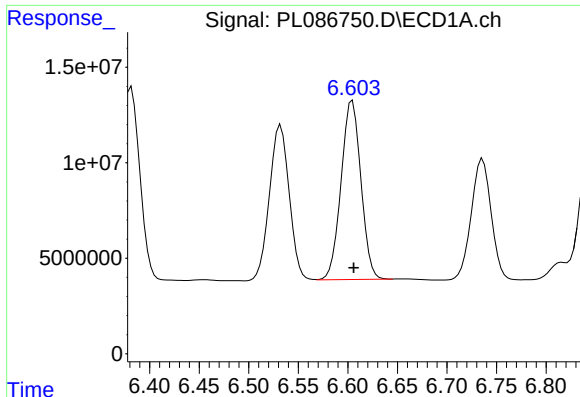
#14 Endrin

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 140225843
Conc: 40.71 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 50028031
Conc: 45.67 ng/ml



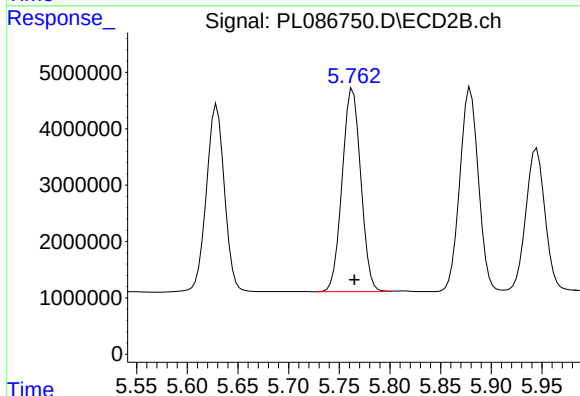
#15 Endosulfan II

R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 130266220
Conc: 36.65 ng/ml

Instrument :
ECD_L
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WC-SED-01MS

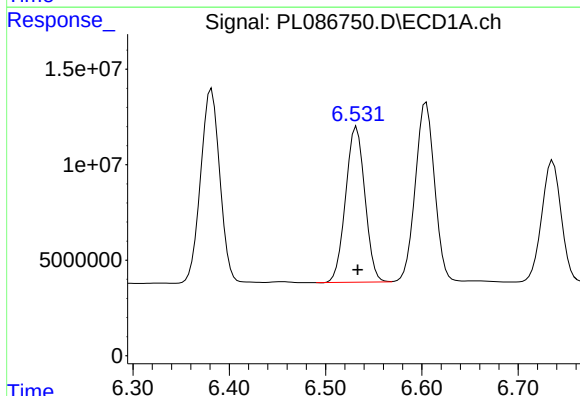
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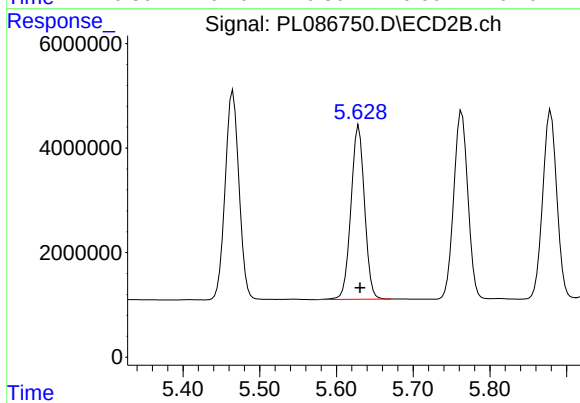
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.002 min
Response: 46062114
Conc: 41.97 ng/ml



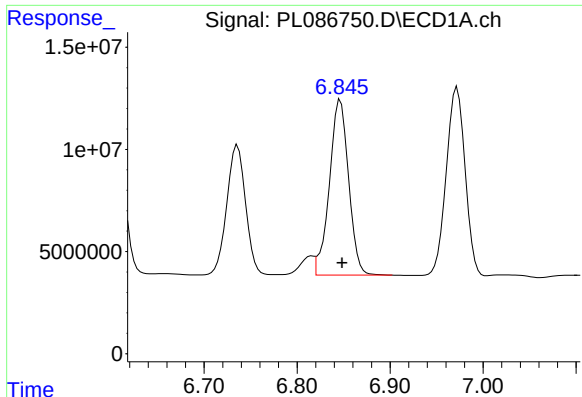
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 112695128
Conc: 42.32 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 41209310
Conc: 48.37 ng/ml



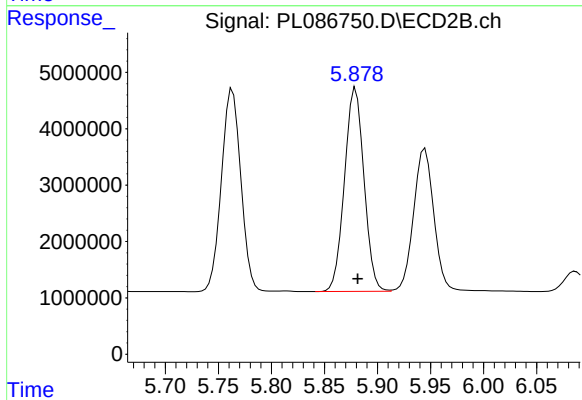
#17 4,4'-DDT

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 123430993
Conc: 41.64 ng/ml

Instrument :
ECD_L
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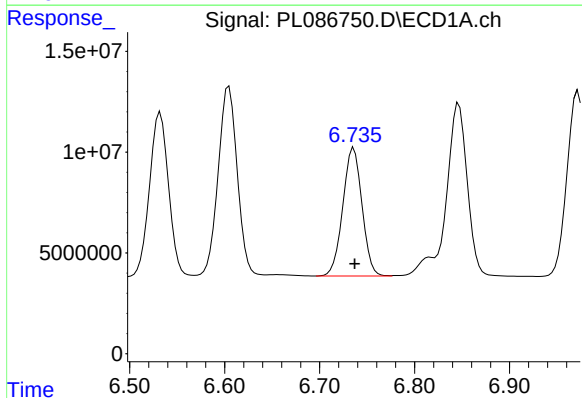
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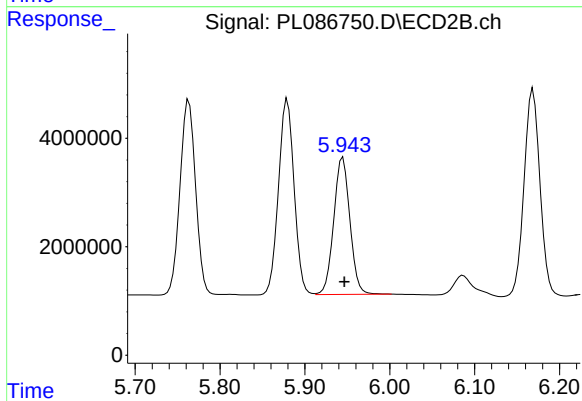
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 46086285
Conc: 47.14 ng/ml



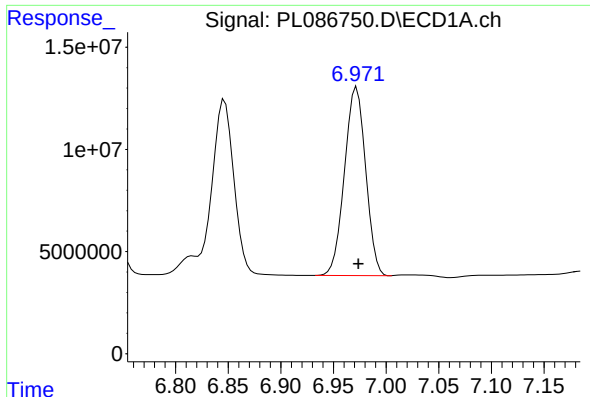
#18 Endrin aldehyde

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 89345924
Conc: 33.70 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 33402262
Conc: 35.66 ng/ml



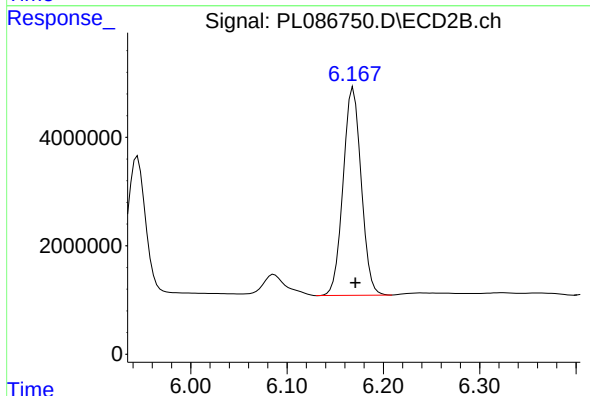
#19 Endosulfan Sulfate

R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 129585616
Conc: 38.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

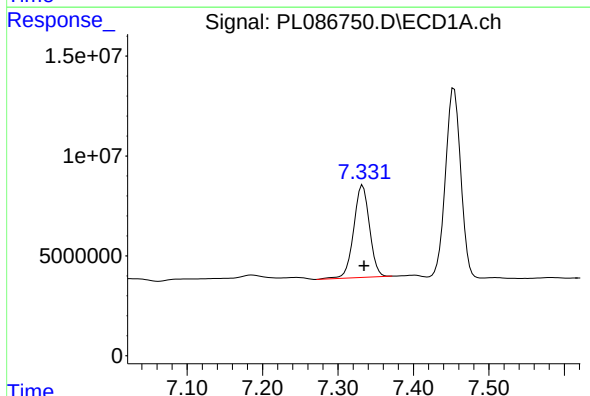
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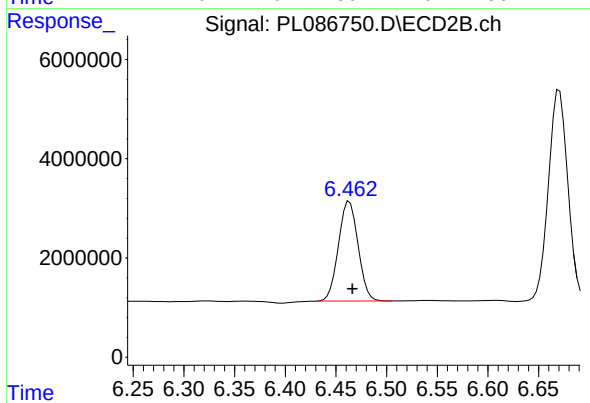
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 49835929
Conc: 45.88 ng/ml



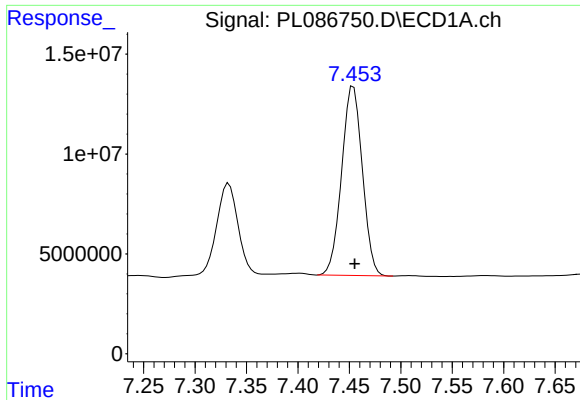
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 67227896
Conc: 42.13 ng/ml



#20 Methoxychlor

R.T.: 6.463 min
Delta R.T.: -0.003 min
Response: 27056657
Conc: 45.23 ng/ml



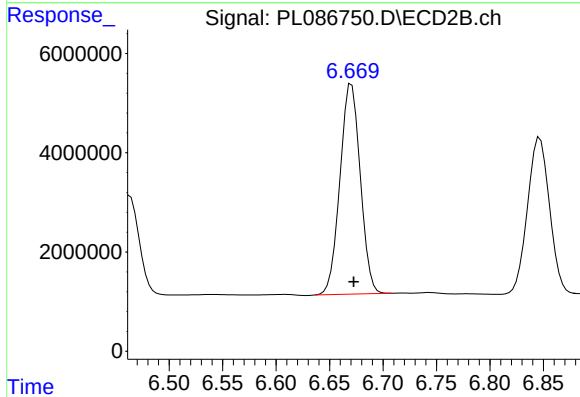
#21 Endrin ketone

R.T.: 7.454 min
Delta R.T.: -0.001 min
Response: 132860258
Conc: 38.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

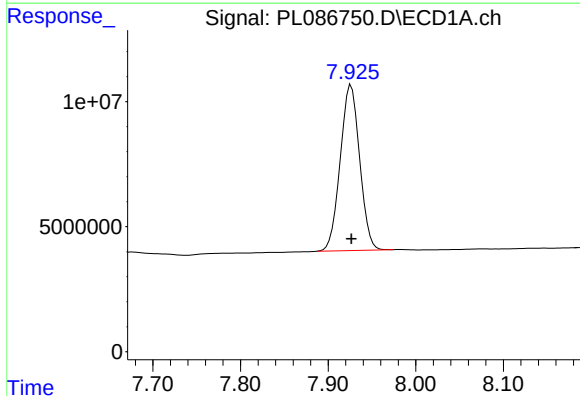
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2023
Supervised By :Ankita Jodhani 11/21/2023



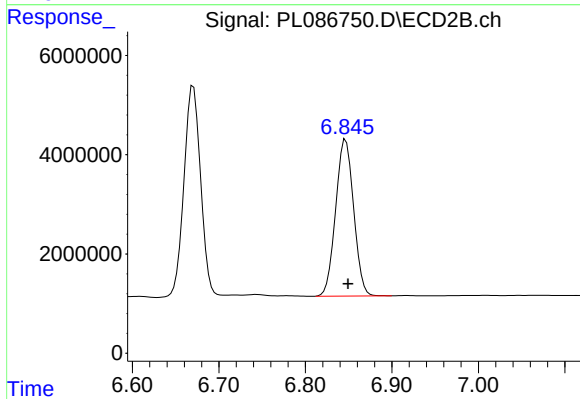
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 56078996
Conc: 43.77 ng/ml



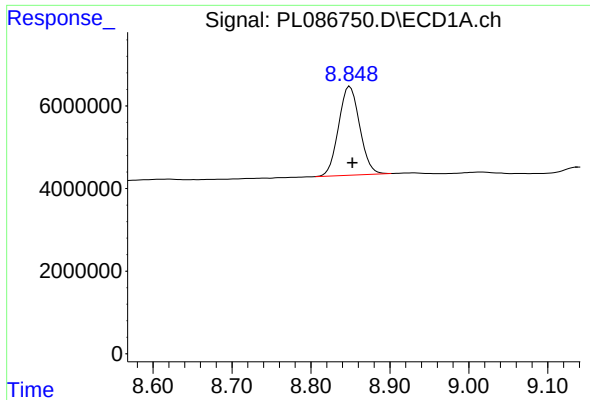
#22 Mirex

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 101965962
Conc: 36.11 ng/ml



#22 Mirex

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 45387908
Conc: 39.93 ng/ml



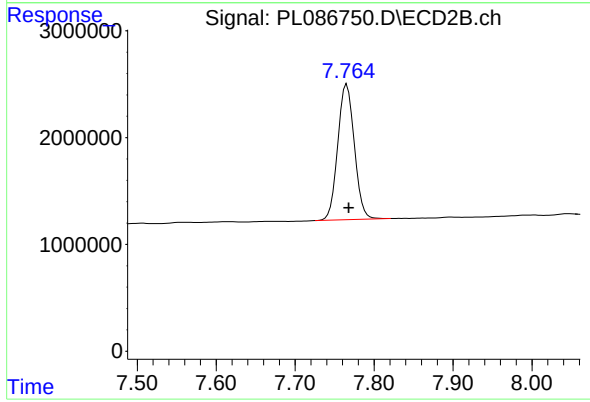
#28 Decachlorobiphenyl

R.T.: 8.849 min
Delta R.T.: -0.003 min
Response: 39943581
Conc: 13.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SED-01MS

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#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 18555992
Conc: 15.37 ng/ml