

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
 Data File : PL085020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 13:29
 Operator : AR\AJ
 Sample : 04188-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/29/2023
 Supervised By : Ankita Jodhani 08/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 22:07:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.684	37326015	18184041	16.065	16.722
28)	SA Decachlor...	9.025	7.864	24327842	18993742	14.952	15.234
Target Compounds							
2)	A alpha-BHC	3.935	3.189	139.8E6	70716486	42.334	45.799
3)	MA gamma-BHC...	4.269	3.520	129.9E6	66887940	40.725	44.019
4)	MA Heptachlor	4.859	3.860	132.5E6	66193703	39.398m	46.480
5)	MB Aldrin	5.203	4.140	117.7E6	64771996	35.616	44.566 #
6)	B beta-BHC	4.468	3.822	58972905	29519939	42.216	44.058
7)	B delta-BHC	4.715	4.050	127.9E6	66086806	39.655	43.529
8)	B Heptachlo...	5.633	4.646	113.5E6	59506284	37.670	44.849
9)	A Endosulfan I	6.019	5.017	98624755	55243073	37.468	44.576
10)	B gamma-Chl...	5.890	4.899	104.8E6	61628634	36.586	45.440
11)	B alpha-Chl...	5.970	4.963	103.1E6	63062225	36.536	46.284 #
12)	B 4,4'-DDE	6.149	5.162	87314128	57535271	38.041	46.721
13)	MA Dieldrin	6.296	5.284	95065670	59740043	35.974	43.998
14)	MA Endrin	6.526	5.559	81055298	55205691	37.164	45.132
15)	B Endosulfa...	6.746	5.856	74663752	51003417	35.302	42.271
16)	A 4,4'-DDD	6.668	5.719	70016747	46942952	41.761	45.433
17)	MA 4,4'-DDT	6.984	5.972	75652928	51337444	40.376	44.235
18)	B Endrin al...	6.877	6.038	60934252	40576099	36.121	40.914
19)	B Endosulfa...	7.112	6.263	76204624	50085449	38.146	42.117
20)	A Methoxychlor	7.465	6.556	37692152	28240065	39.275	41.160
21)	B Endrin ke...	7.597	6.767	76557526	61223510	38.271	42.433
22)	Mirex	8.071	6.948	64199290	49112743	38.655	42.585

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

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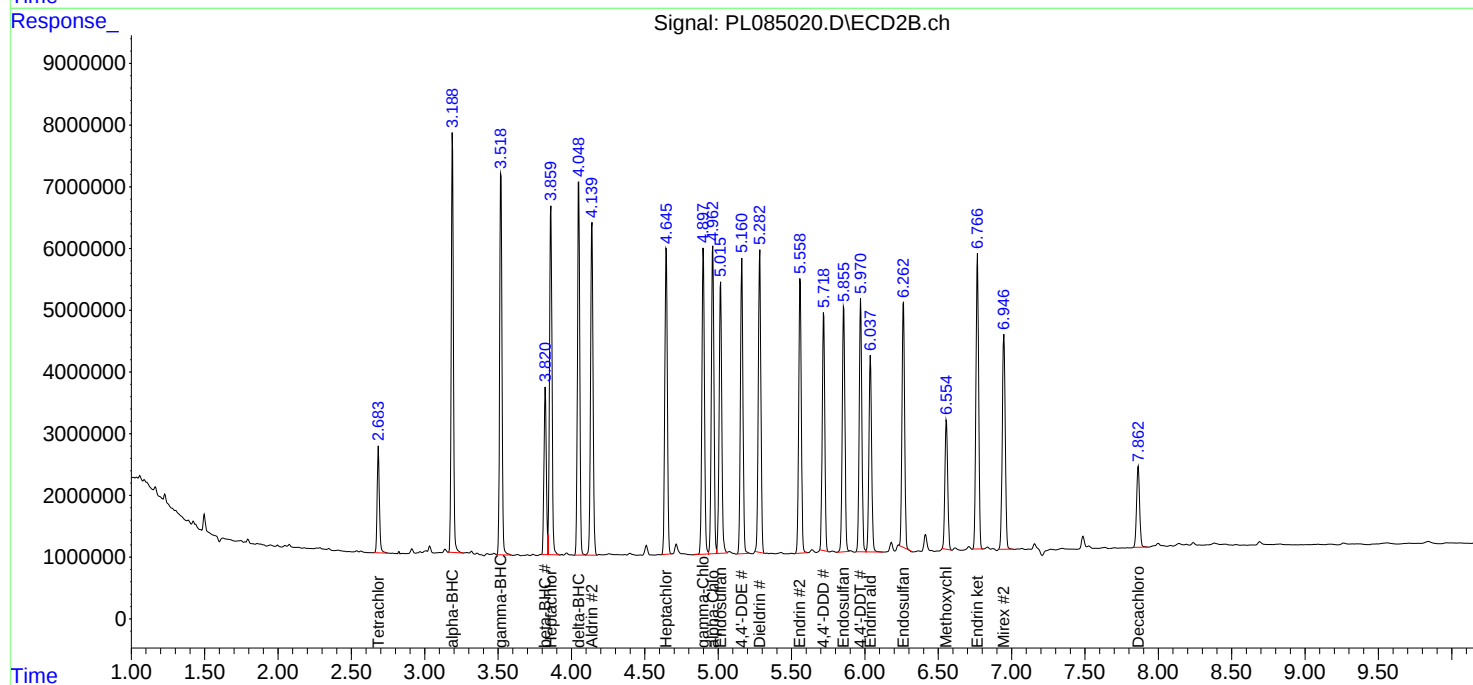
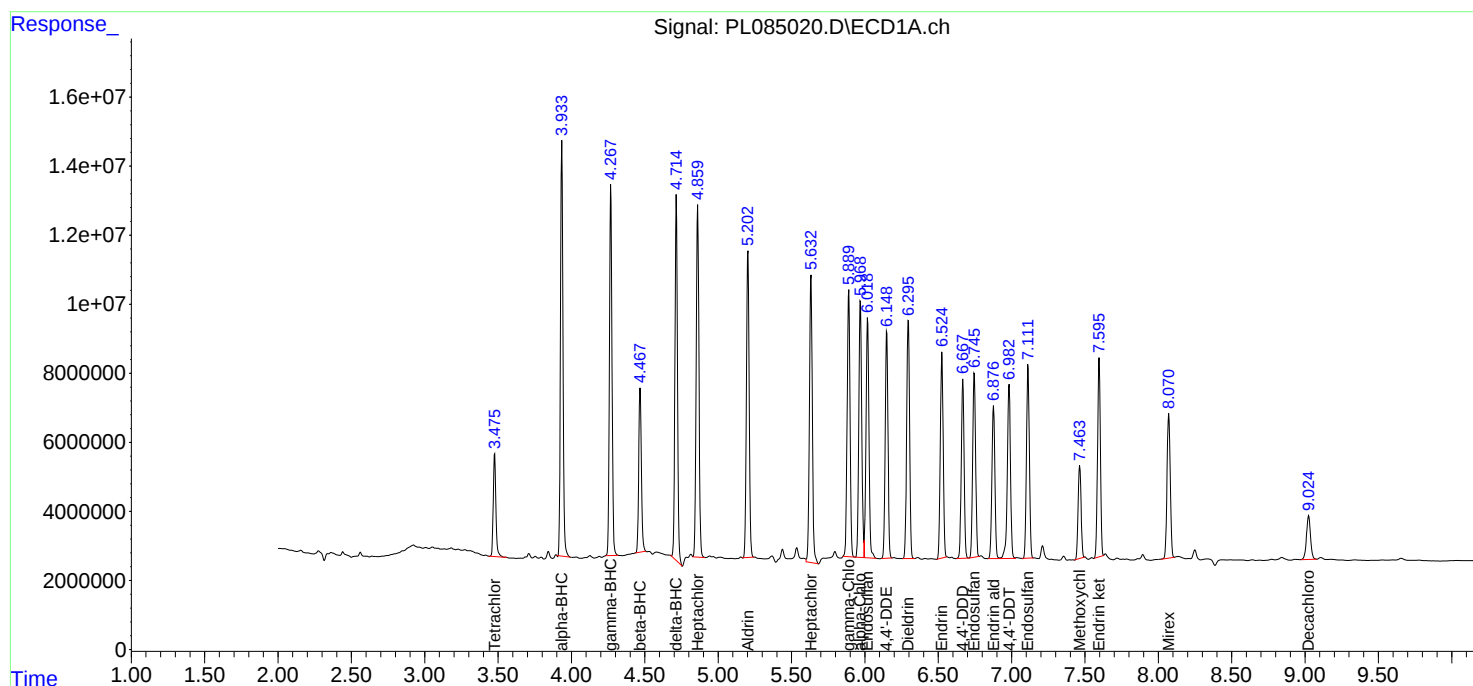
Manual Integrations

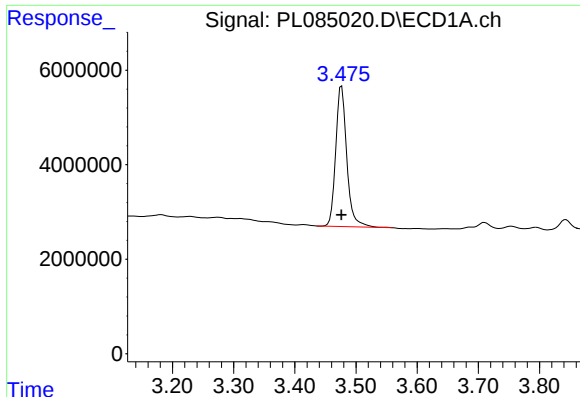
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Integration File signal 1: autoint1.e
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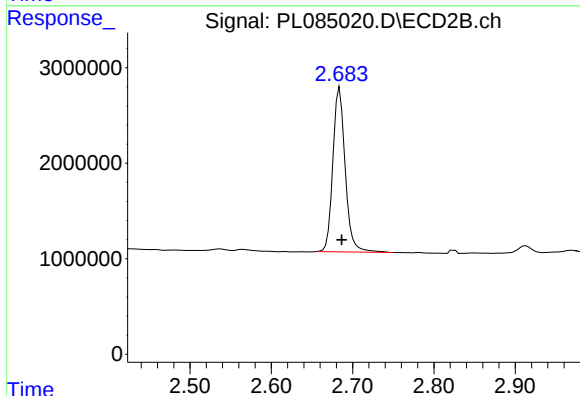
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 37326015
Conc: 16.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

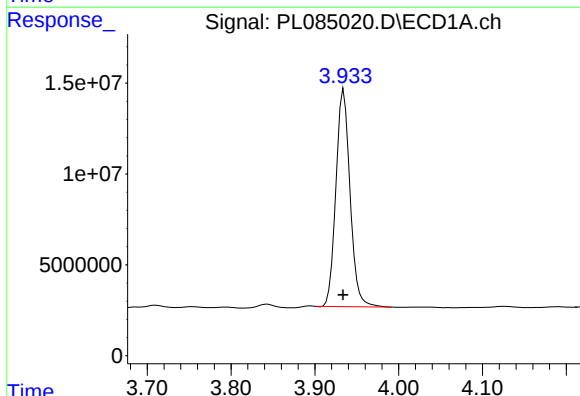
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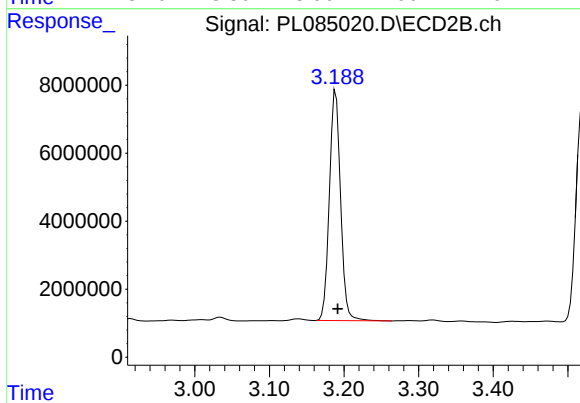
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: -0.003 min
Response: 18184041
Conc: 16.72 ng/ml



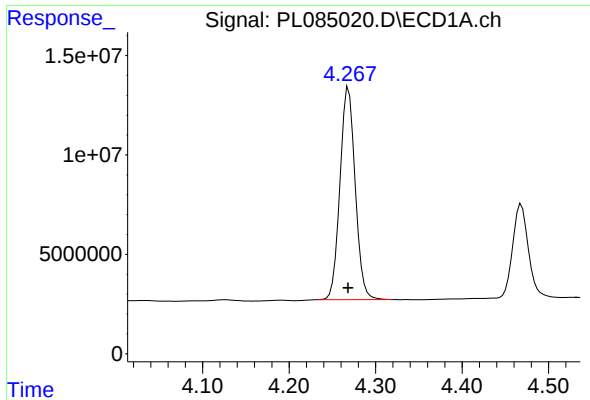
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 139761229
Conc: 42.33 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 70716486
Conc: 45.80 ng/ml



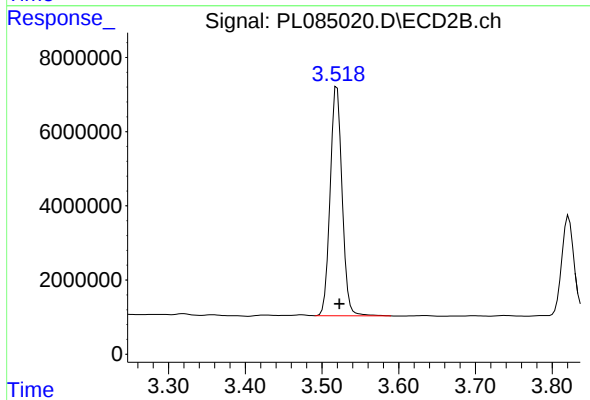
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 129911756
Conc: 40.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

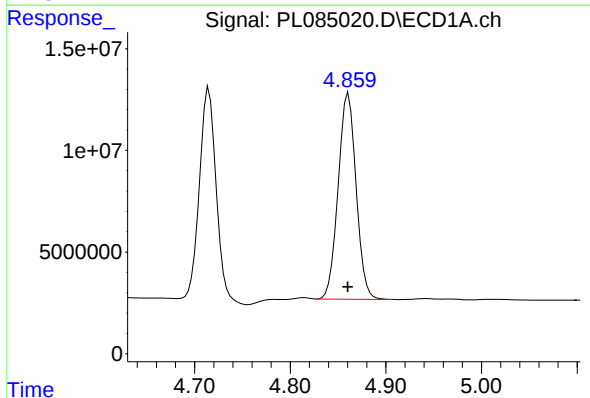
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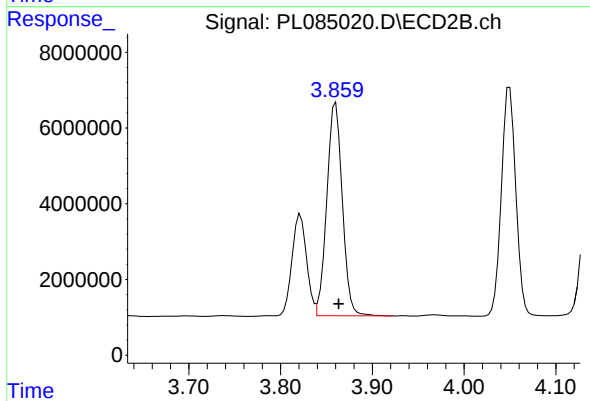
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.003 min
Response: 66887940
Conc: 44.02 ng/ml



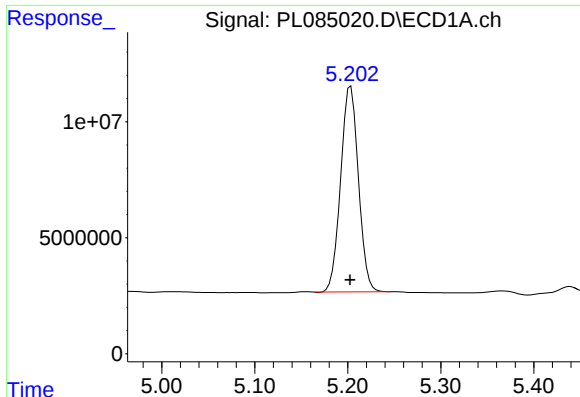
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 132490224
Conc: 39.40 ng/ml m



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 66193703
Conc: 46.48 ng/ml



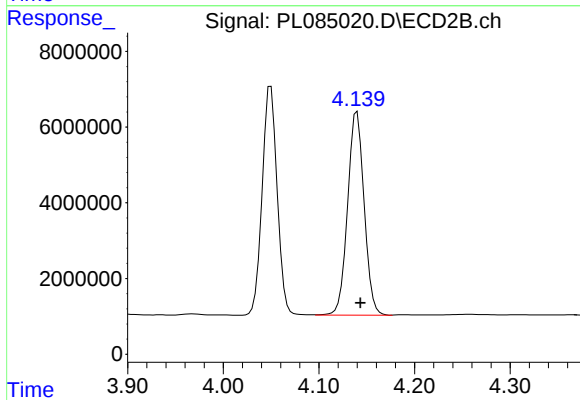
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 117723952
Conc: 35.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

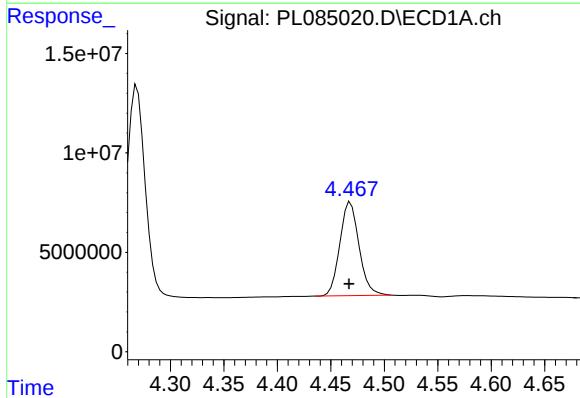
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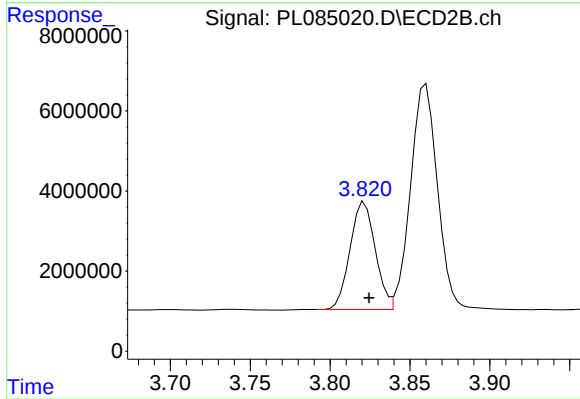
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 64771996
Conc: 44.57 ng/ml



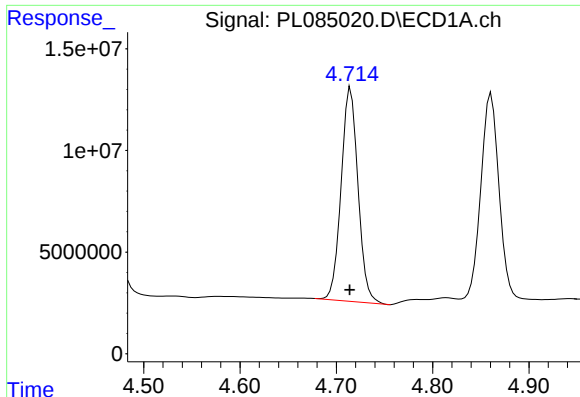
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 58972905
Conc: 42.22 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: -0.003 min
Response: 29519939
Conc: 44.06 ng/ml



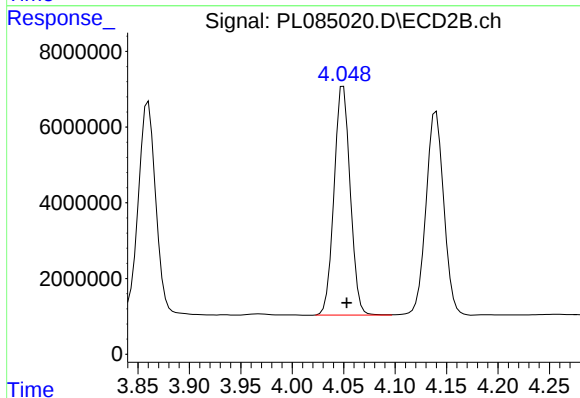
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 127876064
Conc: 39.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

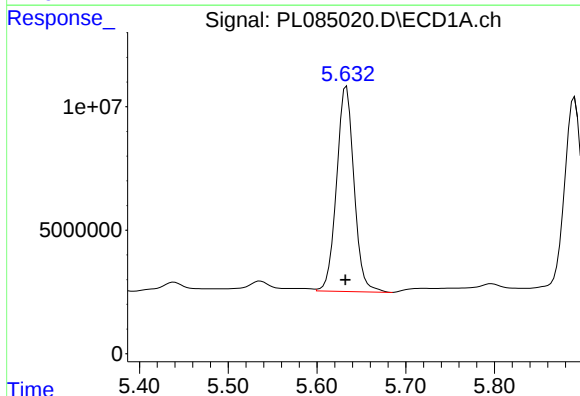
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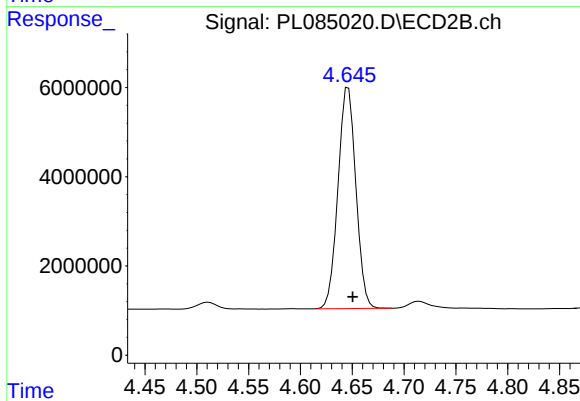
#7 delta-BHC

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 66086806
Conc: 43.53 ng/ml



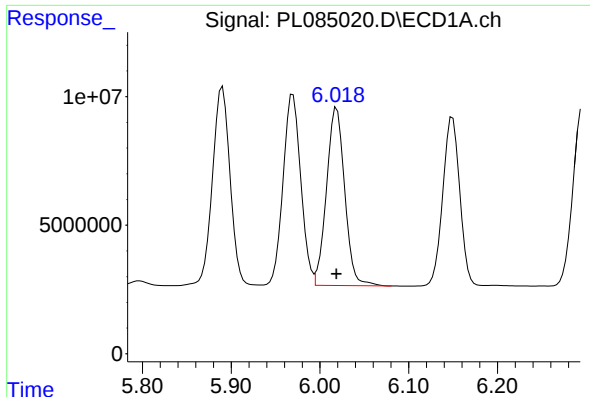
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 113489616
Conc: 37.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 59506284
Conc: 44.85 ng/ml



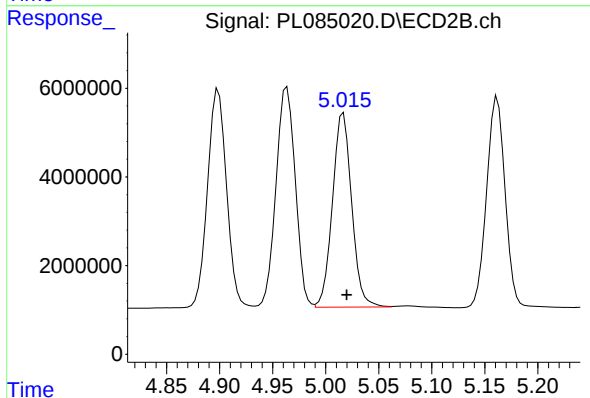
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 98624755
Conc: 37.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

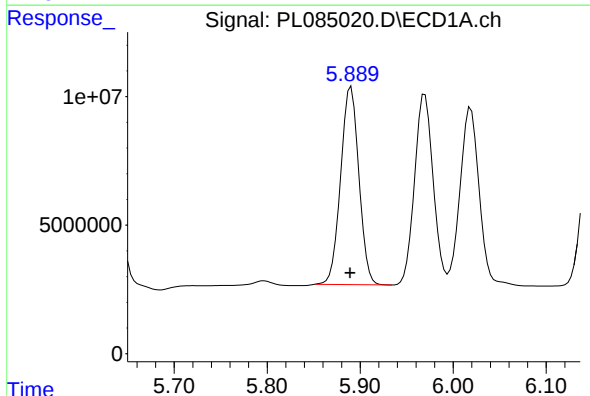
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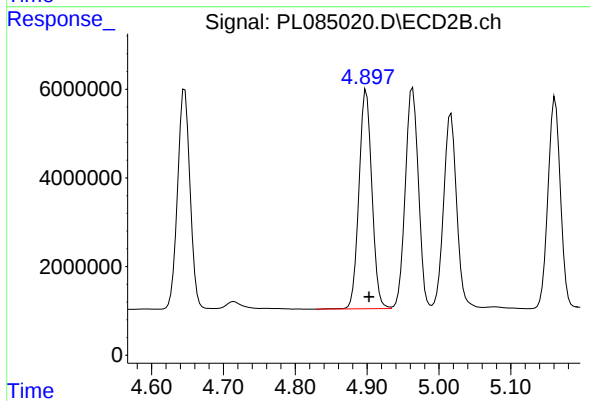
#9 Endosulfan I

R.T.: 5.017 min
Delta R.T.: -0.003 min
Response: 55243073
Conc: 44.58 ng/ml



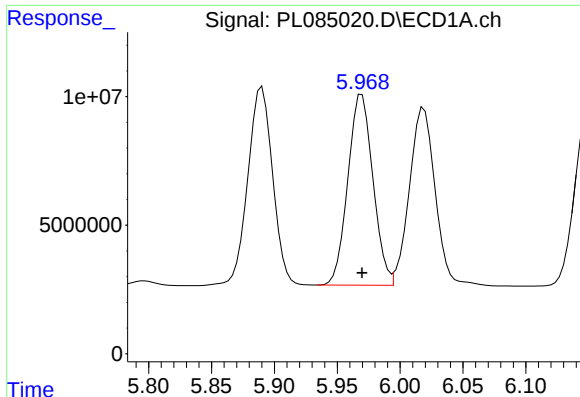
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.001 min
Response: 104769103
Conc: 36.59 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 61628634
Conc: 45.44 ng/ml



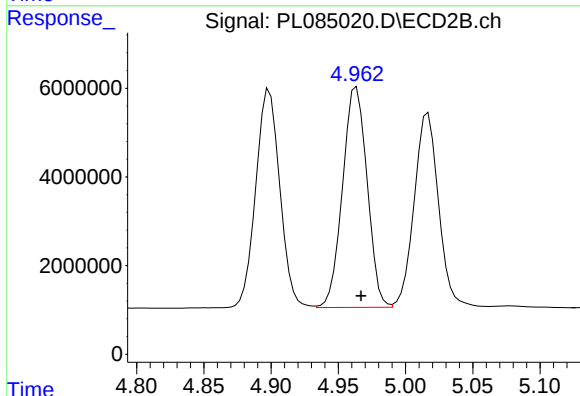
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 103149277
Conc: 36.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

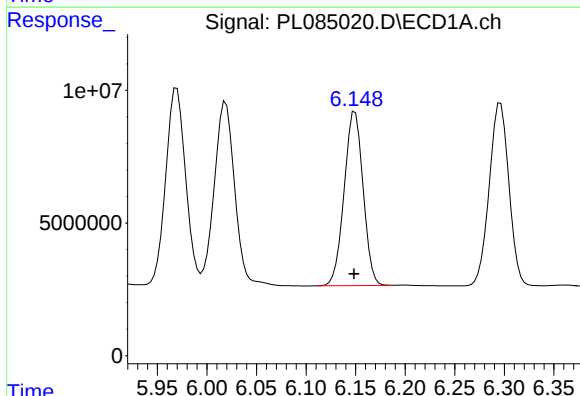
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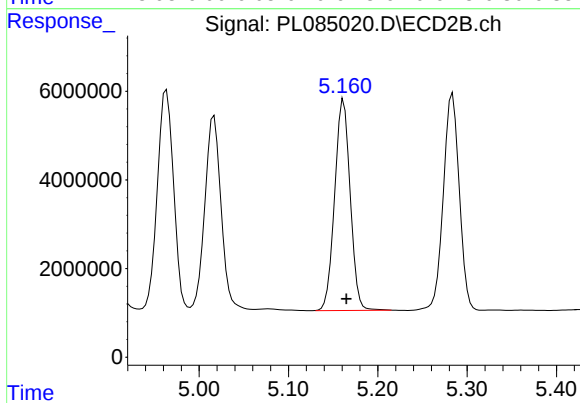
#11 alpha-Chlordane

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 63062225
Conc: 46.28 ng/ml



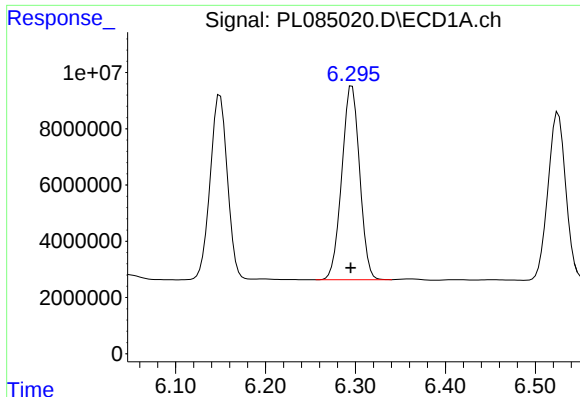
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.001 min
Response: 87314128
Conc: 38.04 ng/ml



#12 4,4'-DDE

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 57535271
Conc: 46.72 ng/ml



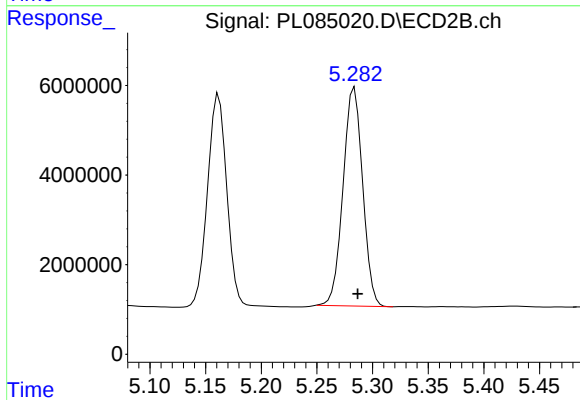
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 95065670
Conc: 35.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

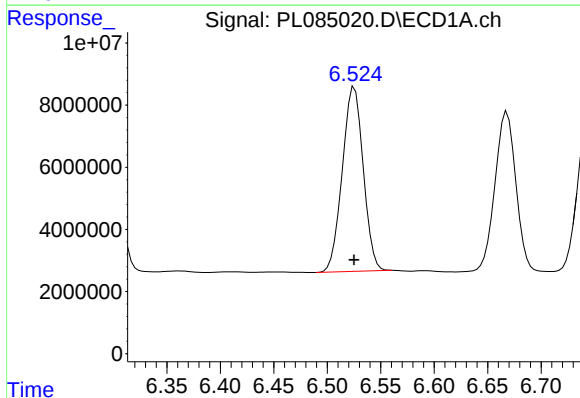
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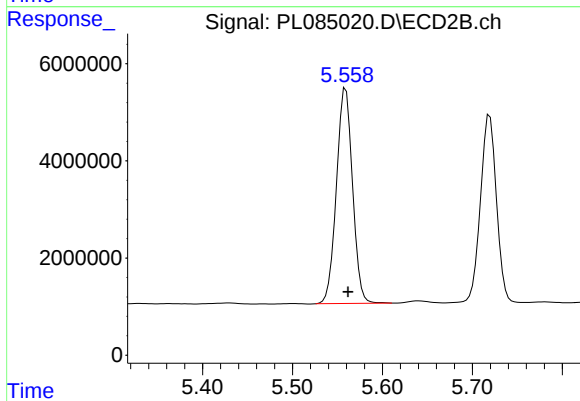
#13 Dieldrin

R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 59740043
Conc: 44.00 ng/ml



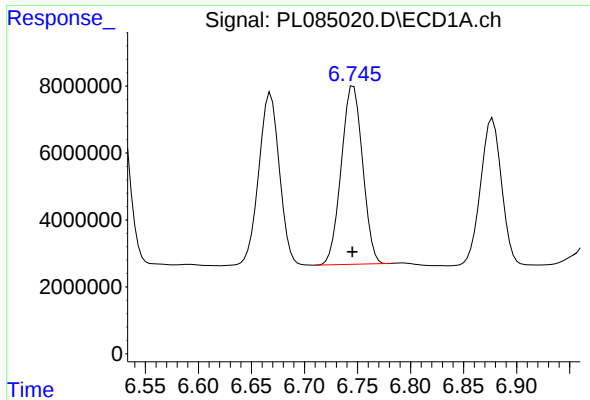
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 81055298
Conc: 37.16 ng/ml



#14 Endrin

R.T.: 5.559 min
Delta R.T.: -0.003 min
Response: 55205691
Conc: 45.13 ng/ml



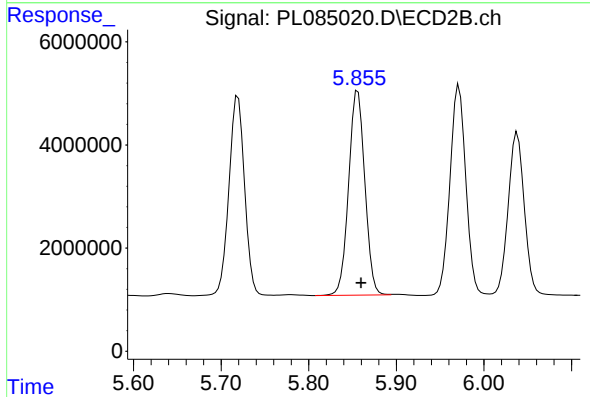
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 74663752
Conc: 35.30 ng/ml

Instrument :
ECD_L
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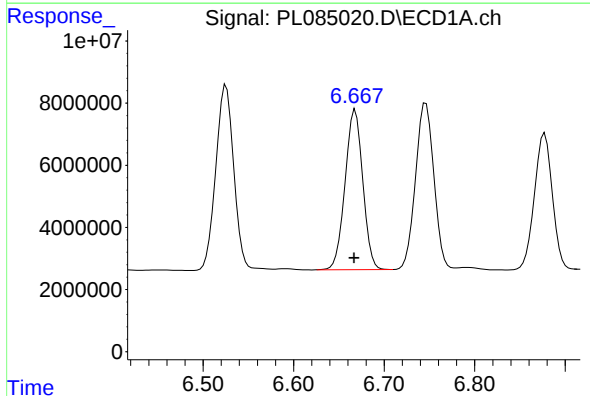
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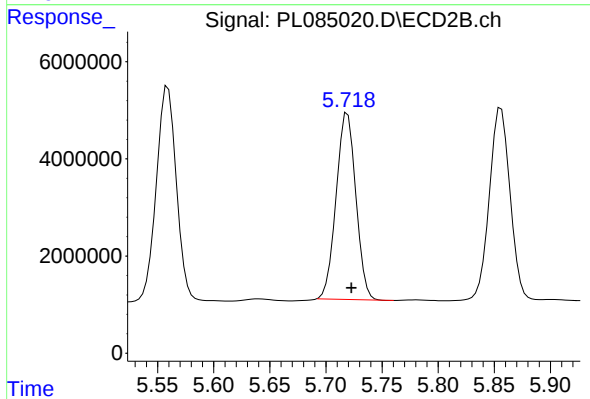
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.004 min
Response: 51003417
Conc: 42.27 ng/ml



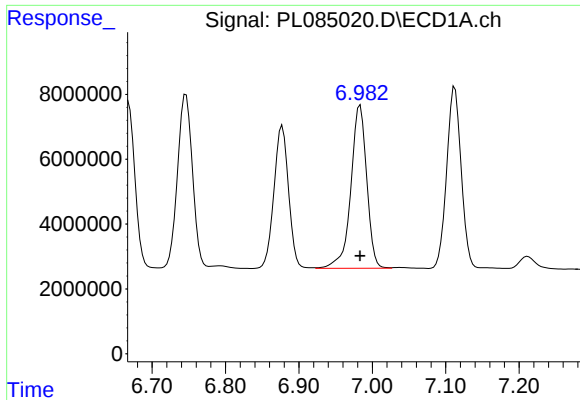
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.001 min
Response: 70016747
Conc: 41.76 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 46942952
Conc: 45.43 ng/ml



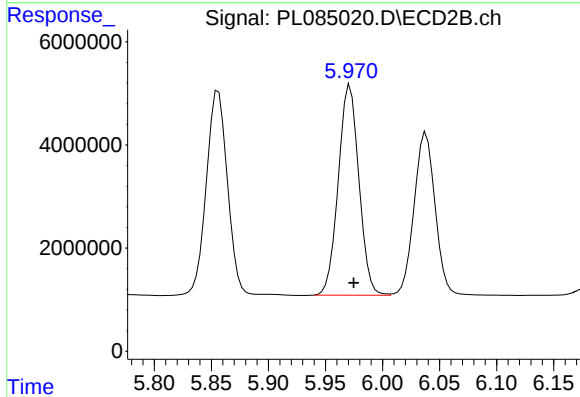
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 75652928
Conc: 40.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

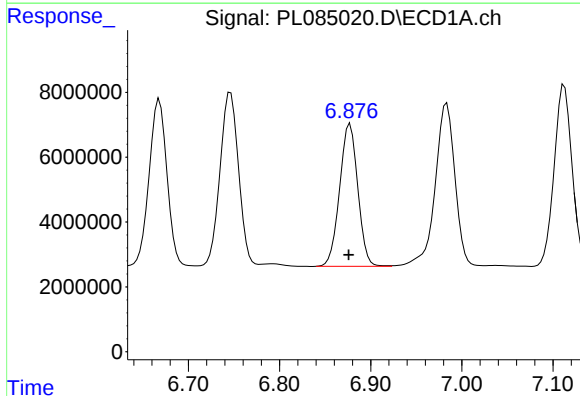
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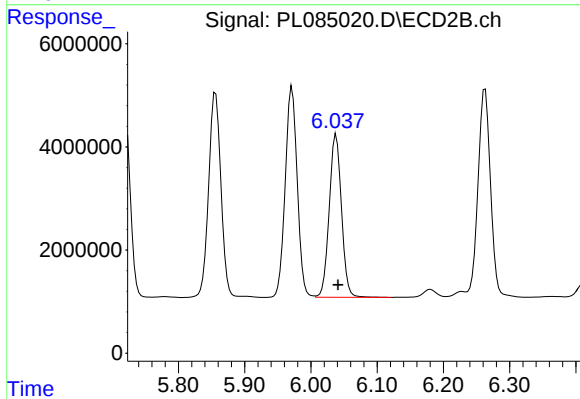
#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 51337444
Conc: 44.24 ng/ml



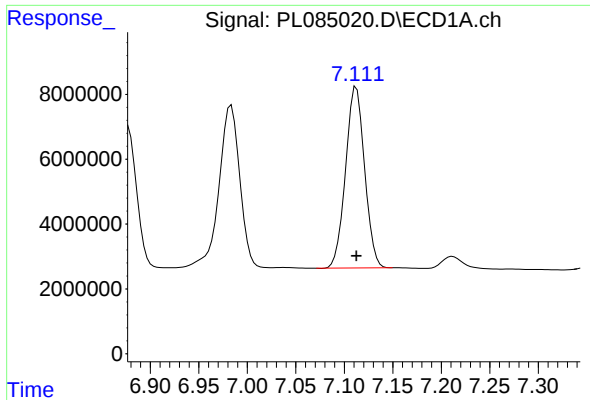
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 60934252
Conc: 36.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.003 min
Response: 40576099
Conc: 40.91 ng/ml



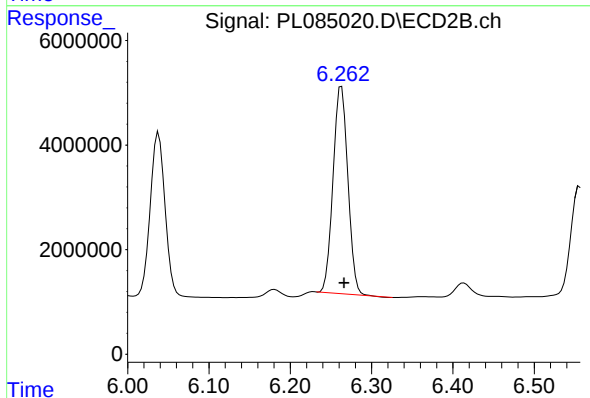
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 76204624
Conc: 38.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

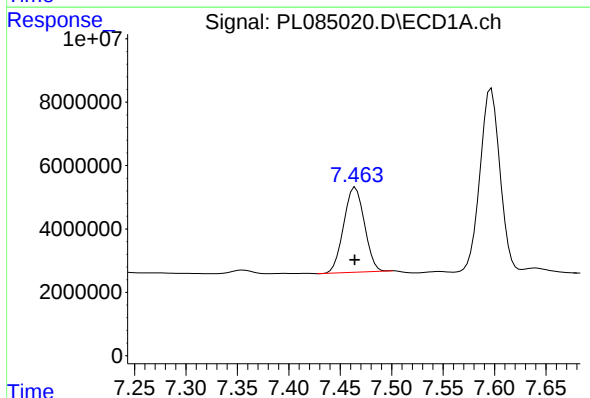
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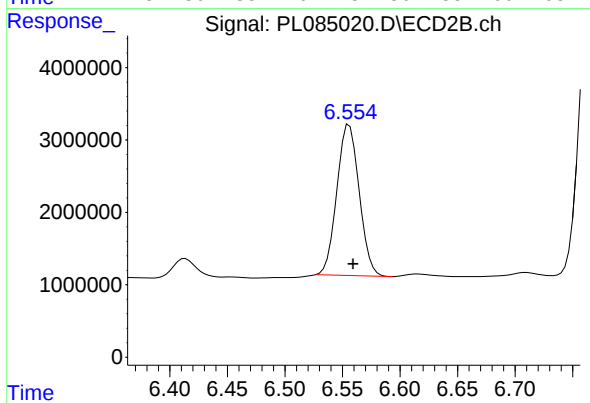
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 50085449
Conc: 42.12 ng/ml



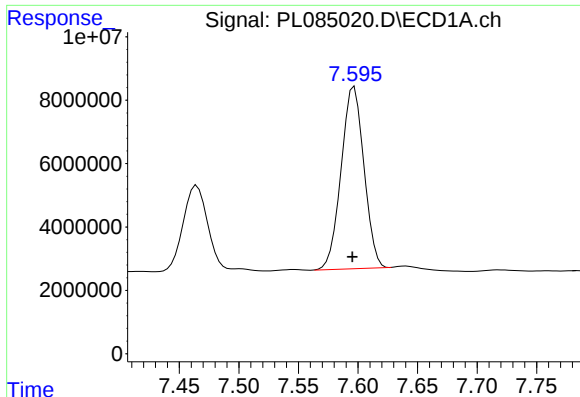
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 37692152
Conc: 39.28 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 28240065
Conc: 41.16 ng/ml



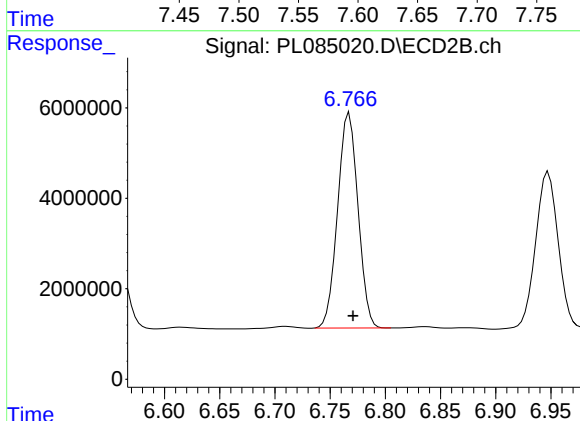
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 76557526
Conc: 38.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

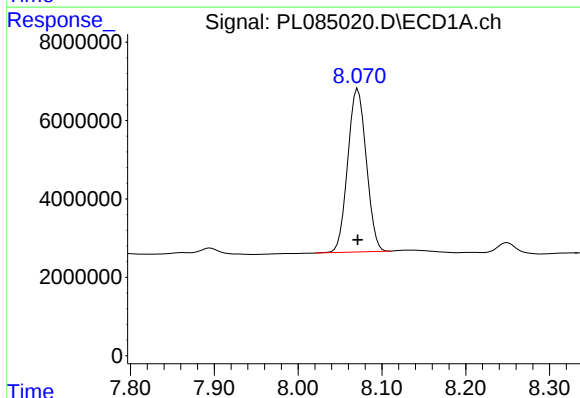
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



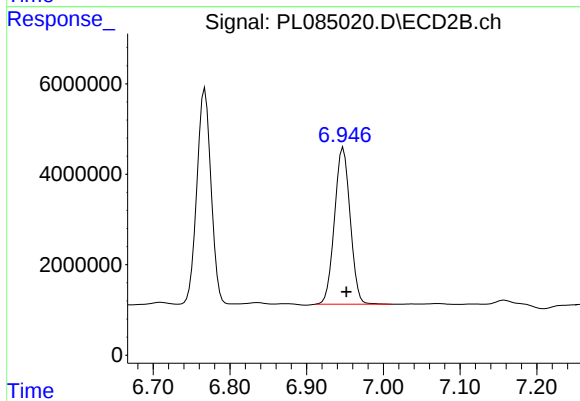
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 61223510
Conc: 42.43 ng/ml



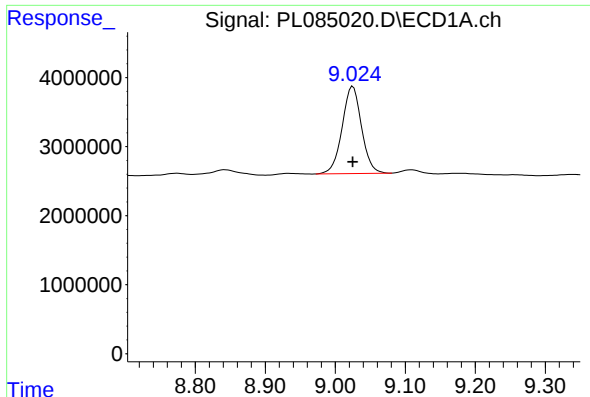
#22 Mirex

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 64199290
Conc: 38.66 ng/ml



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.004 min
Response: 49112743
Conc: 42.59 ng/ml



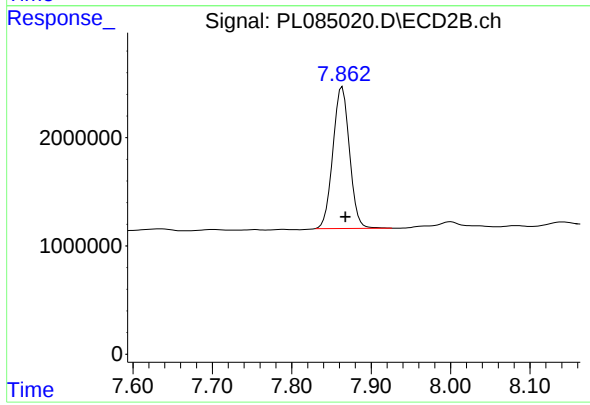
#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 24327842
Conc: 14.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 18993742
Conc: 15.23 ng/ml