

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031624\
 Data File : PL088633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2024 13:30
 Operator : AR\AJ
 Sample : PB159606BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159606BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2024
 Supervised By :Ankita Jodhani 03/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 21:48:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.635	2.851	57278636	27366215	21.615	20.534
28)	SA Decachlor...	9.307	8.083	48301220	27760155	19.540	20.473
Target Compounds							
2)	A alpha-BHC	4.100	3.366	207.1E6	96763201	51.890	48.154
3)	MA gamma-BHC...	4.439	3.703	195.9E6	91527457	50.522	47.692
4)	MA Heptachlor	5.039	4.051	197.1E6	89404395	51.897	49.677
5)	MB Aldrin	5.387	4.337	184.3E6	86603667	50.282	47.925
6)	B beta-BHC	4.636	4.005	88299149	40534963	49.790	47.285
7)	B delta-BHC	4.888	4.240	191.8E6	86884369	47.621	45.416
8)	B Heptachlo...	5.818	4.848	175.2E6	79194053	50.996	48.157
9)	A Endosulfan I	6.210	5.224	157.1E6	73681918	51.389	49.015
10)	B gamma-Chl...	6.078	5.102	178.0E6	82055165	53.432	49.541
11)	B alpha-Chl...	6.158	5.167	173.9E6	81759994	52.301	49.255
12)	B 4,4'-DDE	6.334	5.360	154.5E6	73359943	51.713	50.295
13)	MA Dieldrin	6.489	5.493	167.9E6	79958446	51.784	49.231
14)	MA Endrin	6.721	5.772	139.1E6	71596297	50.868	49.670
15)	B Endosulfa...	6.942	6.070	144.8E6	70791376	50.555	49.233
16)	A 4,4'-DDD	6.857	5.923	130.6E6	62732001	51.279	50.372
17)	MA 4,4'-DDT	7.175	6.178	138.5E6	66269969	51.970	49.374
18)	B Endrin al...	7.072	6.252	111.3E6	54621935	53.301m	52.123
19)	B Endosulfa...	7.311	6.478	140.0E6	68330466	50.697	49.249
20)	A Methoxychlor	7.656	6.761	73287298	37828251	48.647	47.163
21)	B Endrin ke...	7.802	6.991	151.4E6	81686391	51.219	49.486
22)	Mirex	8.284	7.178	118.6E6	65727999	50.565	48.744

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031624\
Data File : PL088633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Mar 2024 13:30
Operator : AR\AJ
Sample : PB159606BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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Manual Integrations

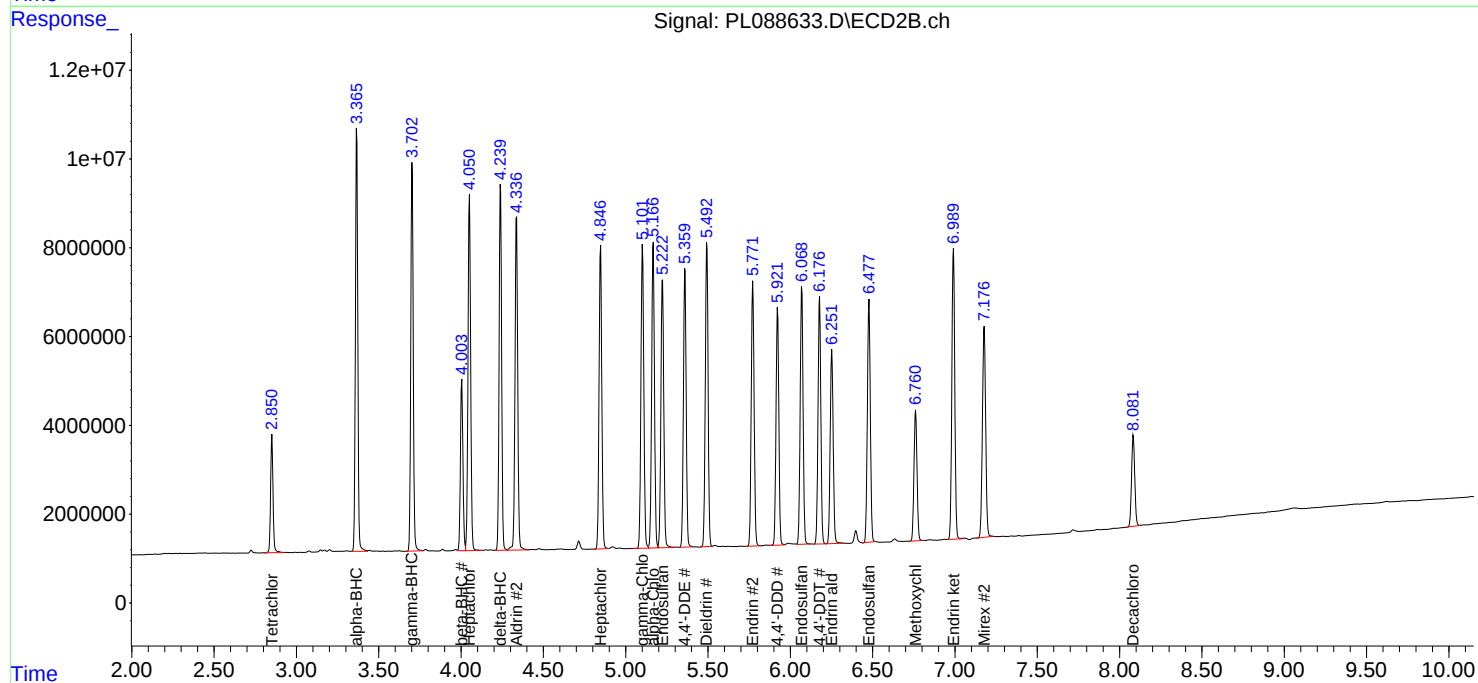
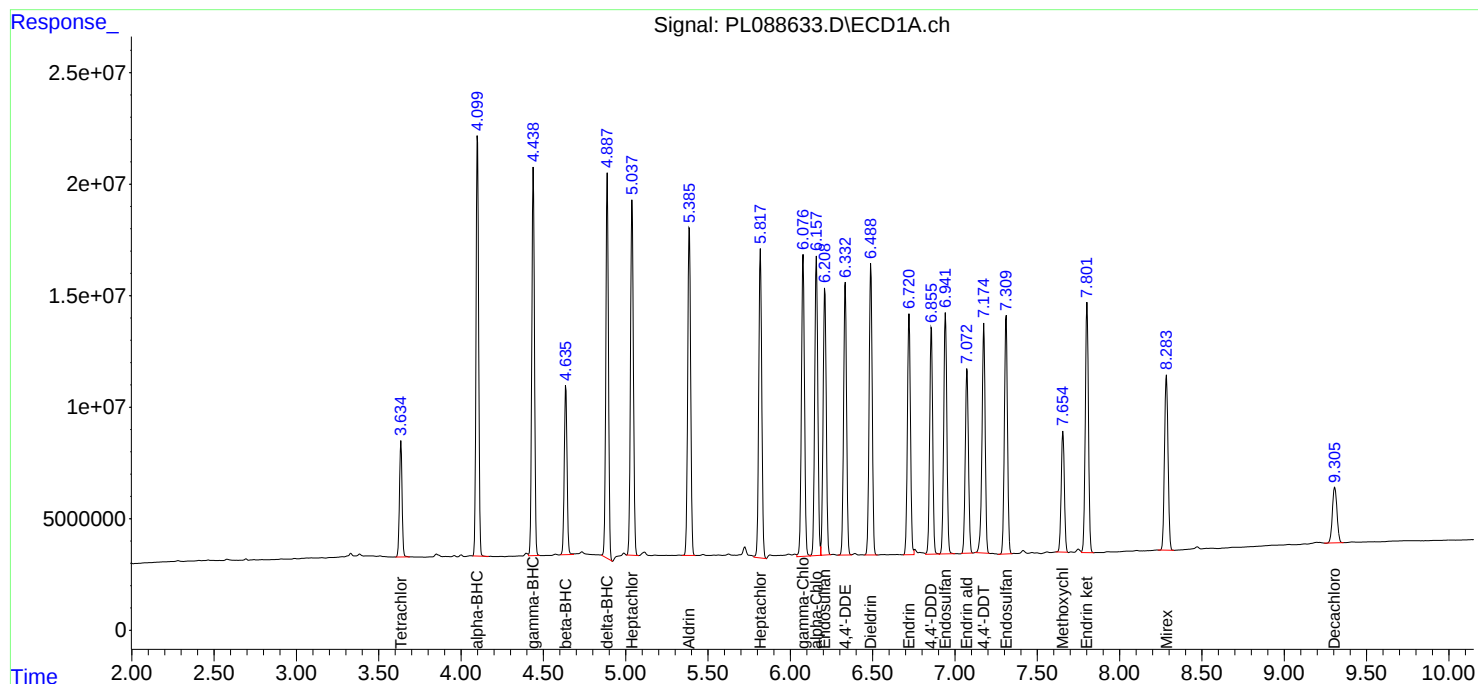
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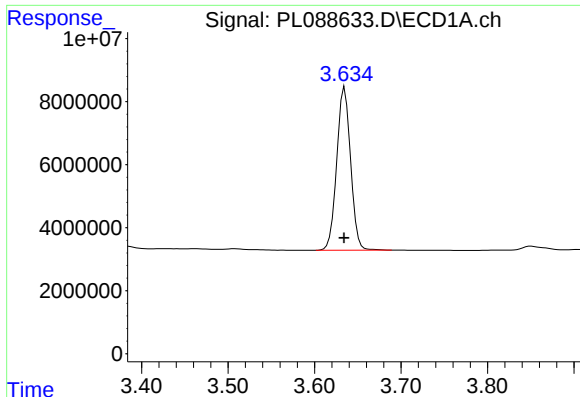
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 21:48:46 2024
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Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





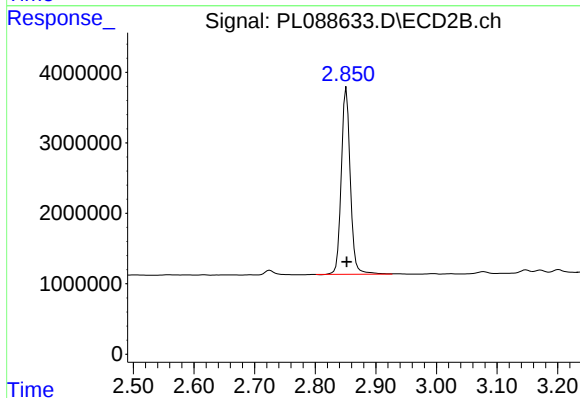
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 57278636
Conc: 21.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

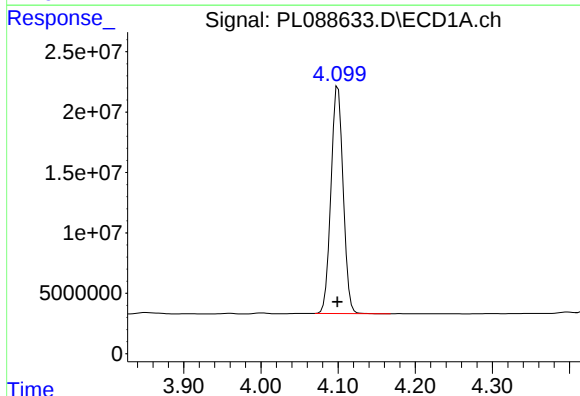
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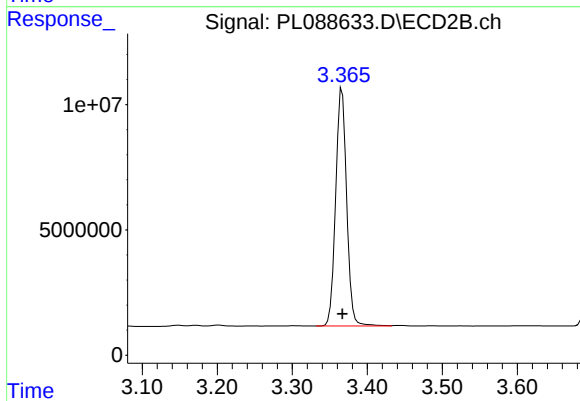
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 27366215
Conc: 20.53 ng/ml



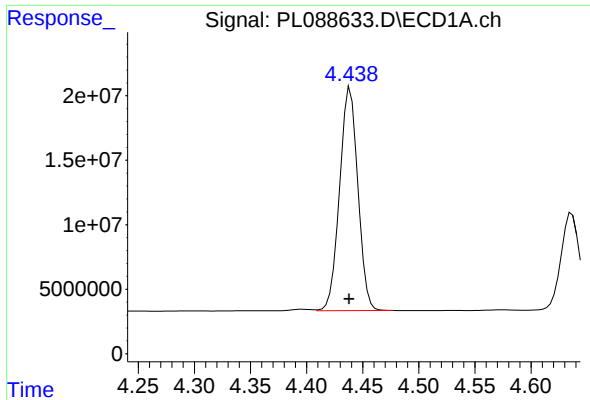
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 207129040
Conc: 51.89 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 96763201
Conc: 48.15 ng/ml



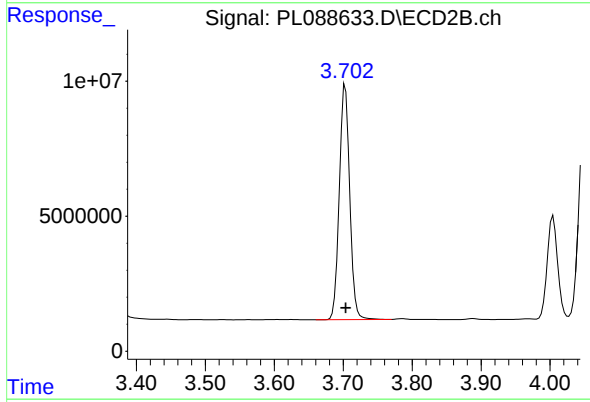
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 195935314
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

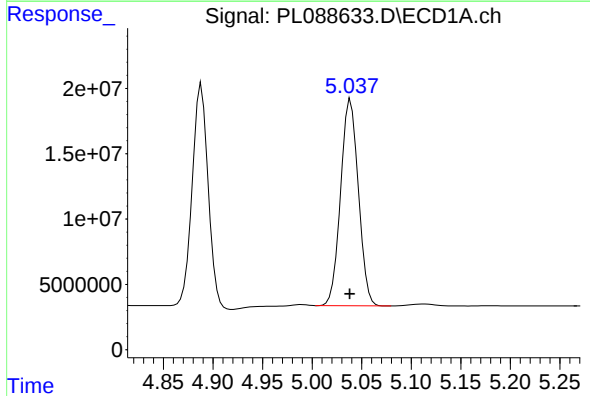
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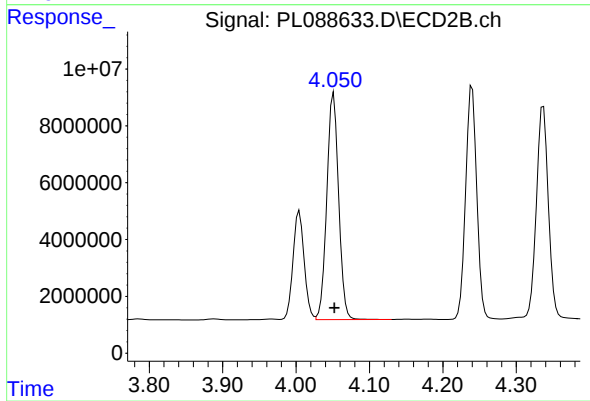
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 91527457
Conc: 47.69 ng/ml



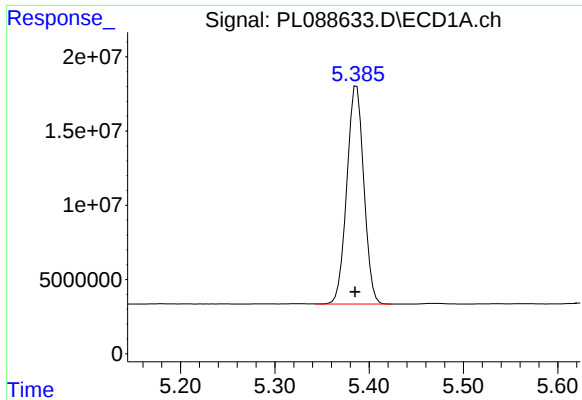
#4 Heptachlor

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 197074440
Conc: 51.90 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 89404395
Conc: 49.68 ng/ml



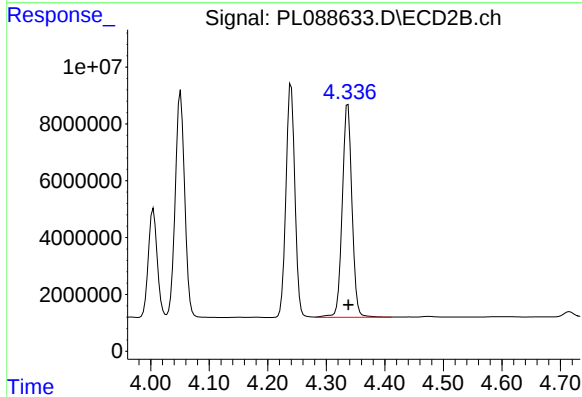
#5 Aldrin

R.T.: 5.387 min
Delta R.T.: 0.002 min
Response: 184258584
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

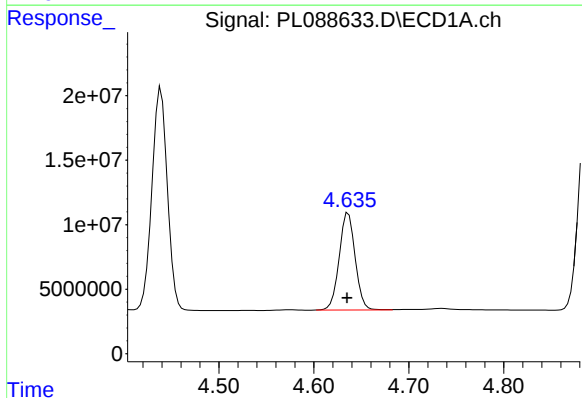
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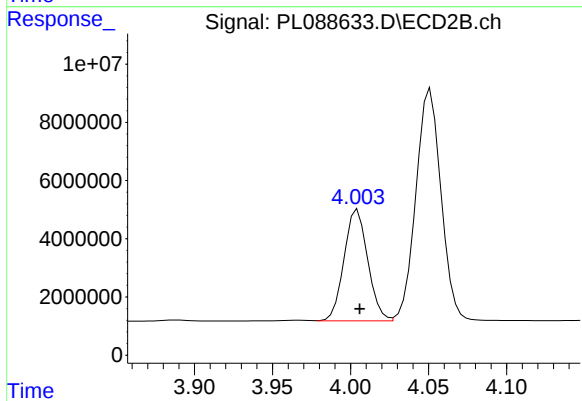
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 86603667
Conc: 47.92 ng/ml



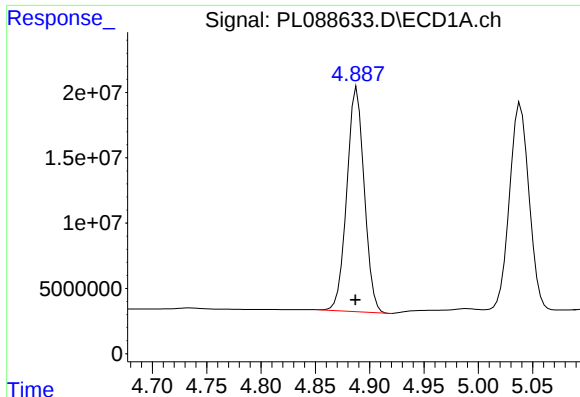
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.001 min
Response: 88299149
Conc: 49.79 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 40534963
Conc: 47.29 ng/ml



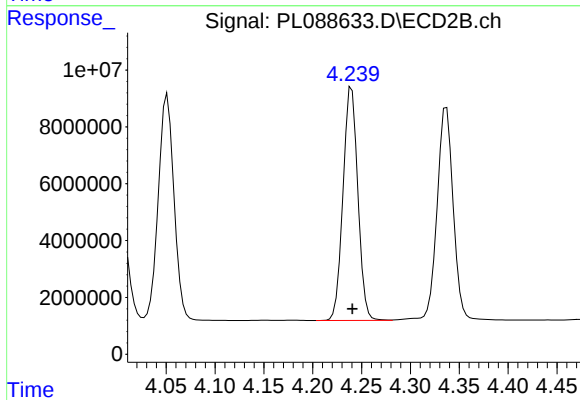
#7 delta-BHC

R.T.: 4.888 min
Delta R.T.: 0.001 min
Response: 191828182
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

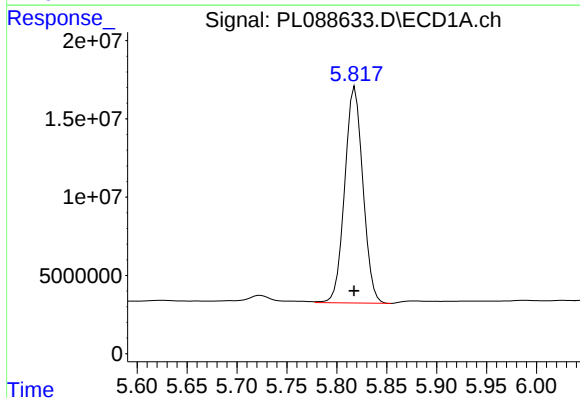
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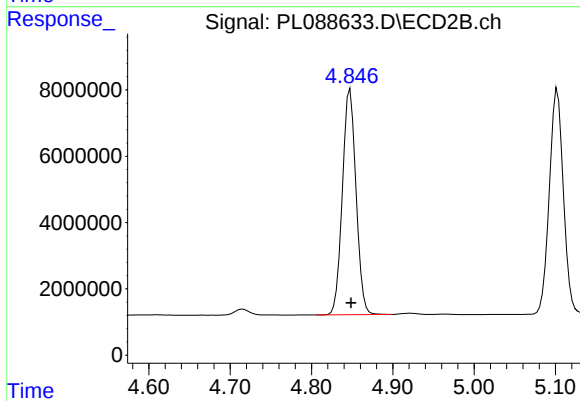
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 86884369
Conc: 45.42 ng/ml



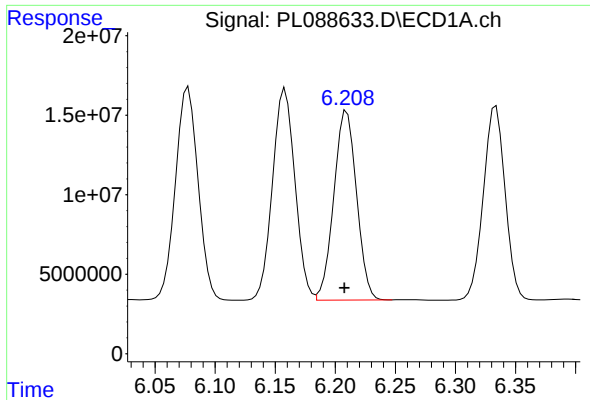
#8 Heptachlor epoxide

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 175169351
Conc: 51.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 79194053
Conc: 48.16 ng/ml



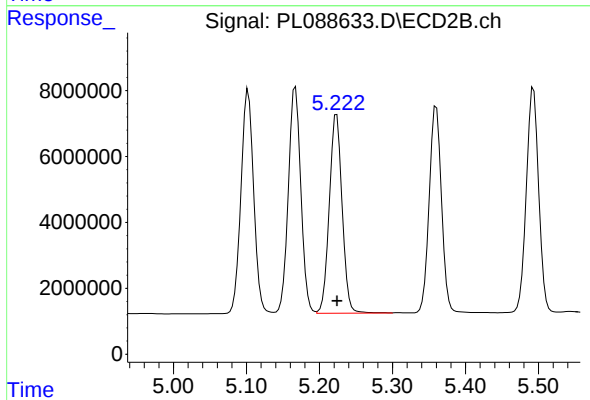
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.002 min
Response: 157067940
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

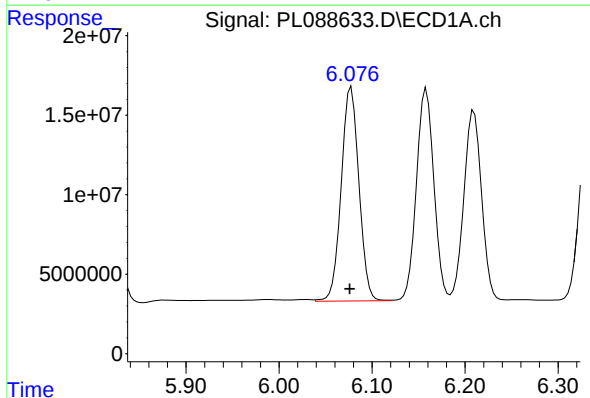
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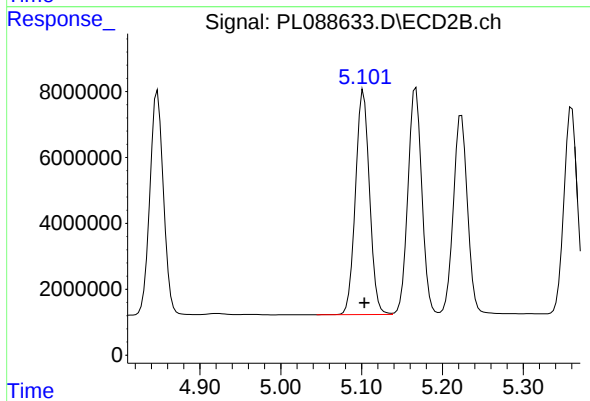
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 73681918
Conc: 49.02 ng/ml



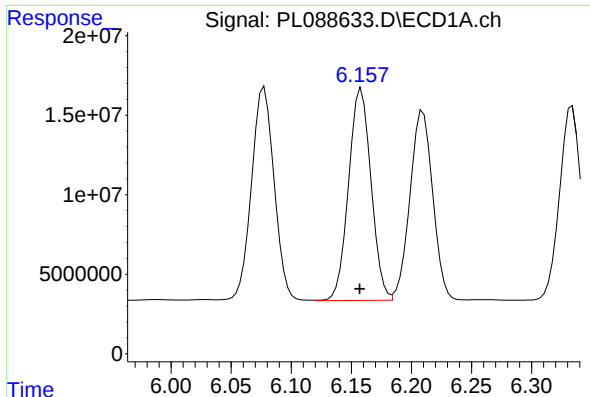
#10 gamma-Chlordane

R.T.: 6.078 min
Delta R.T.: 0.002 min
Response: 177972436
Conc: 53.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 82055165
Conc: 49.54 ng/ml



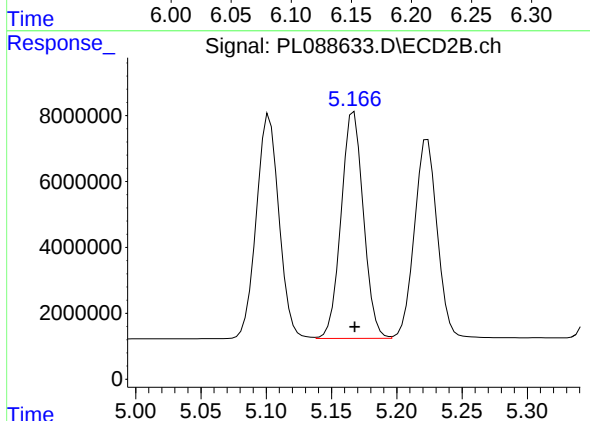
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 173851997
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

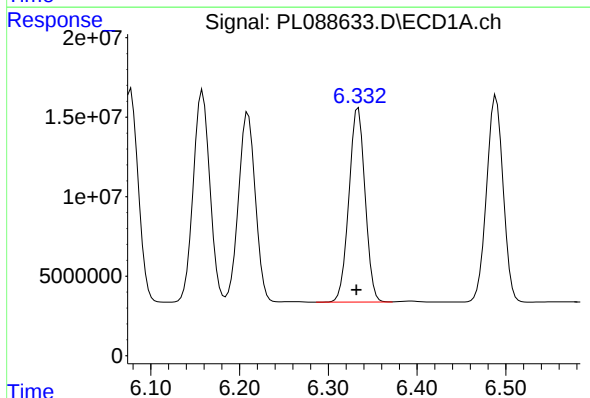
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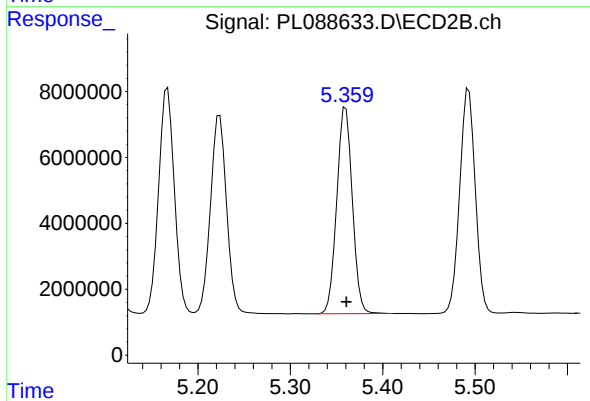
#11 alpha-Chlordane

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 81759994
Conc: 49.25 ng/ml



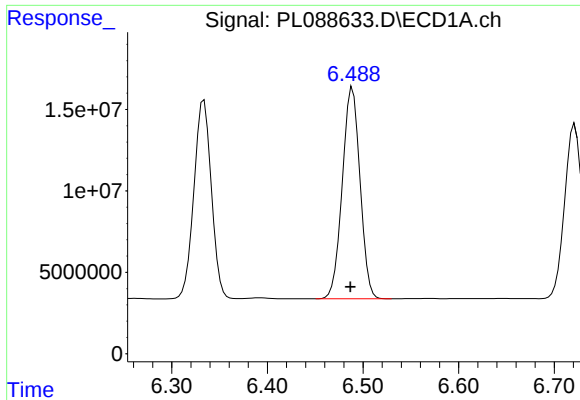
#12 4,4'-DDE

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 154501905
Conc: 51.71 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 73359943
Conc: 50.30 ng/ml



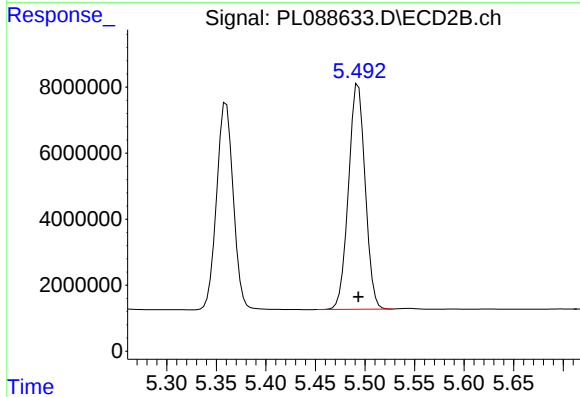
#13 Dieldrin

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 167918613
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

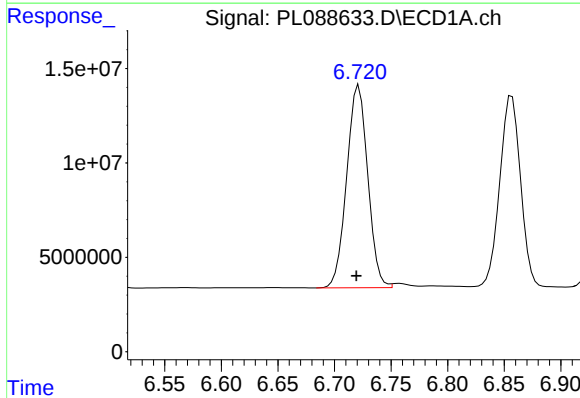
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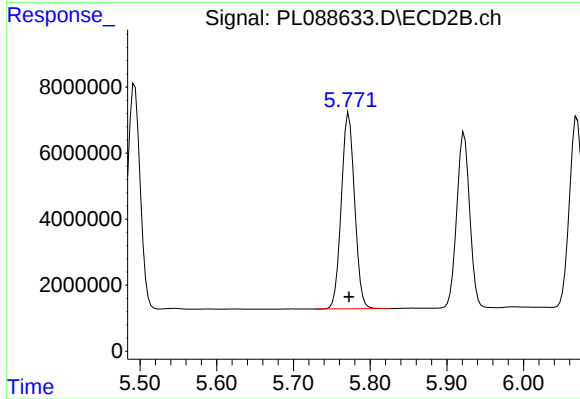
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 79958446
Conc: 49.23 ng/ml



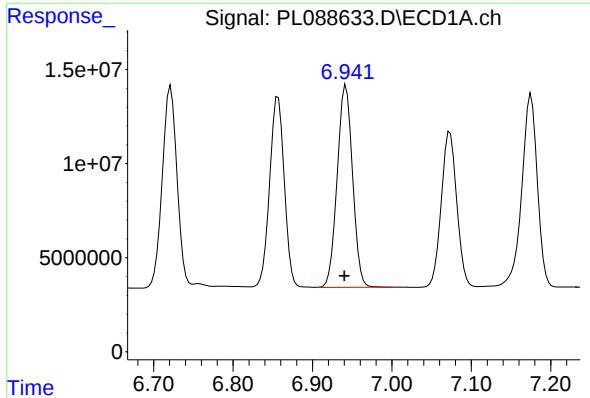
#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.002 min
Response: 139060150
Conc: 50.87 ng/ml



#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 71596297
Conc: 49.67 ng/ml



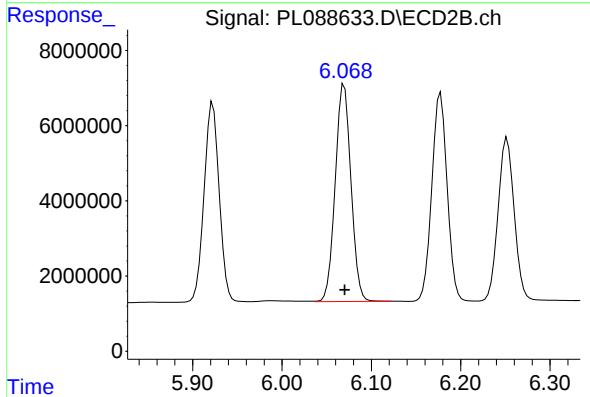
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 144798982
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

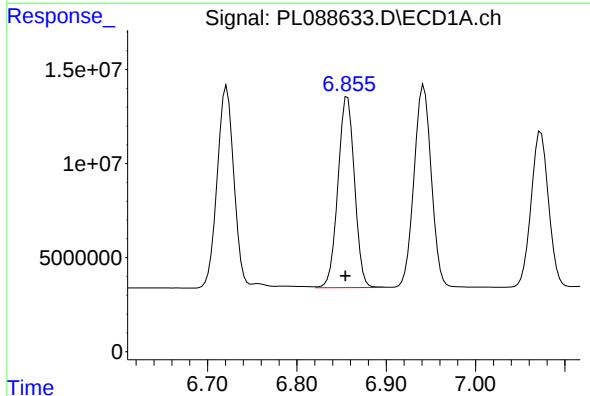
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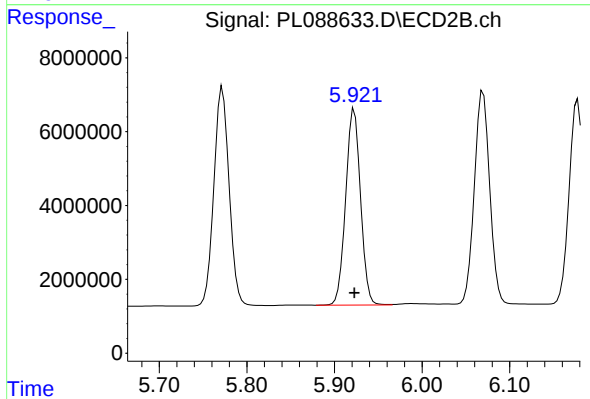
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 70791376
Conc: 49.23 ng/ml



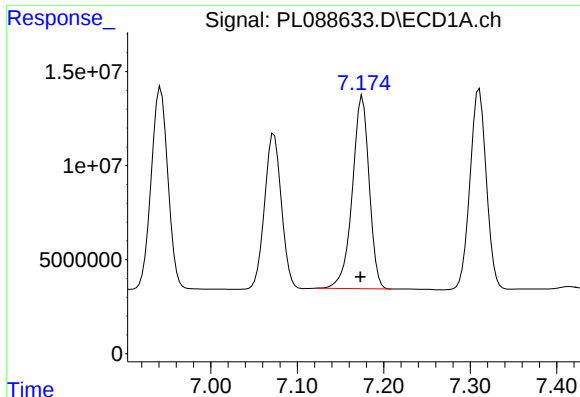
#16 4,4'-DDD

R.T.: 6.857 min
Delta R.T.: 0.002 min
Response: 130595439
Conc: 51.28 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 62732001
Conc: 50.37 ng/ml



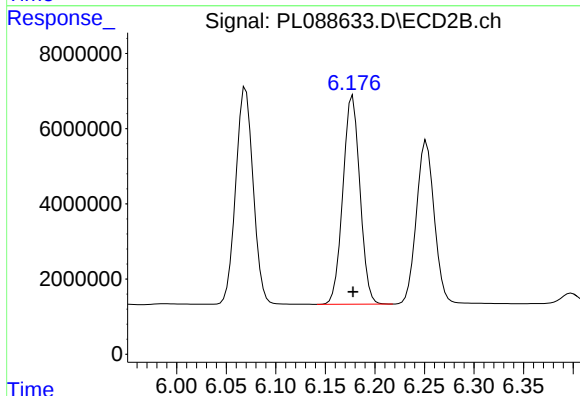
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 138525166
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

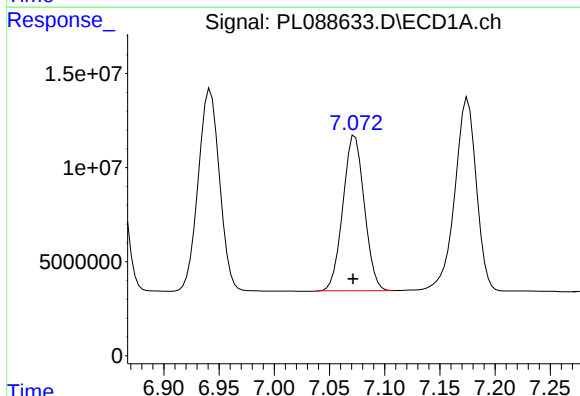
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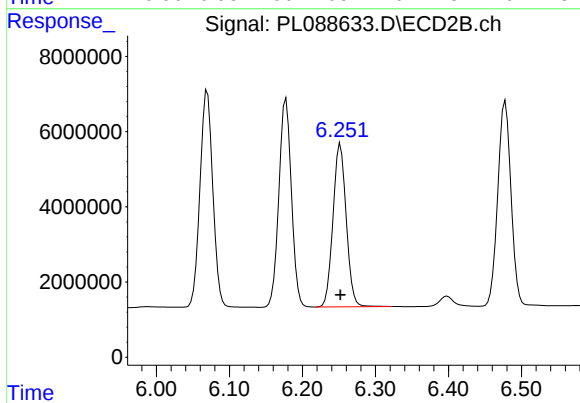
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 66269969
Conc: 49.37 ng/ml



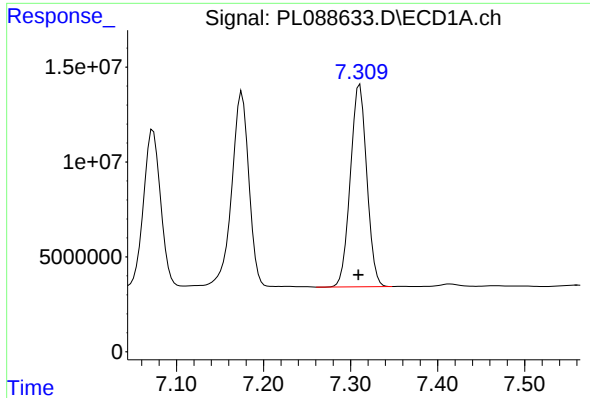
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 111283102
Conc: 53.30 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 54621935
Conc: 52.12 ng/ml



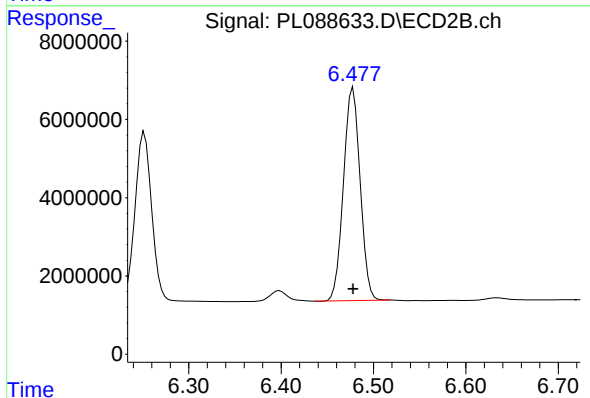
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.002 min
Response: 139989888
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

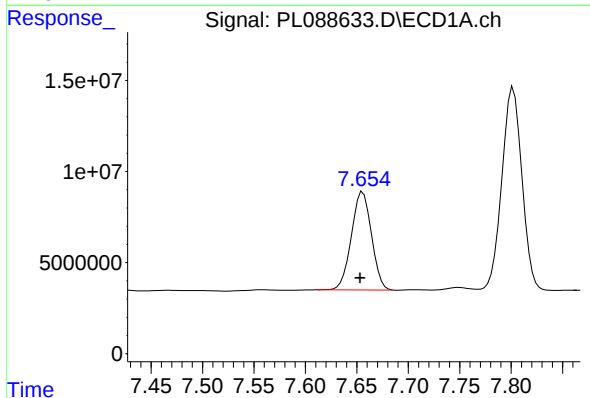
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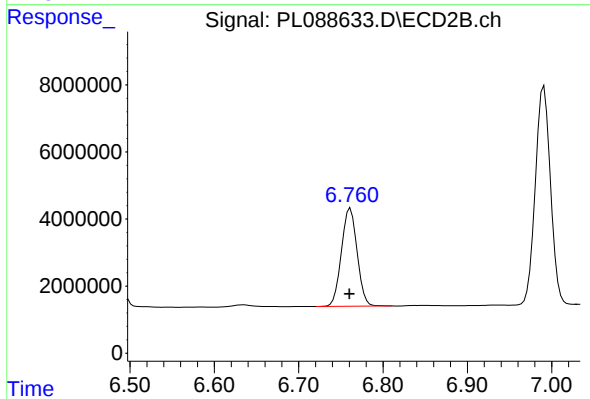
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 68330466
Conc: 49.25 ng/ml



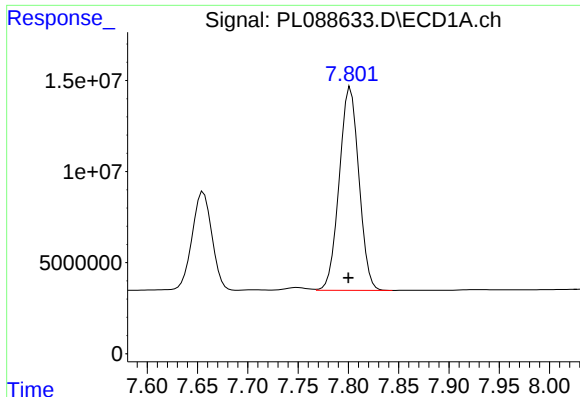
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.003 min
Response: 73287298
Conc: 48.65 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 37828251
Conc: 47.16 ng/ml



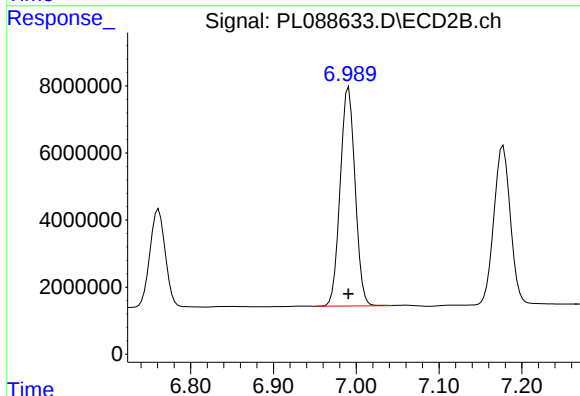
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 151424797
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

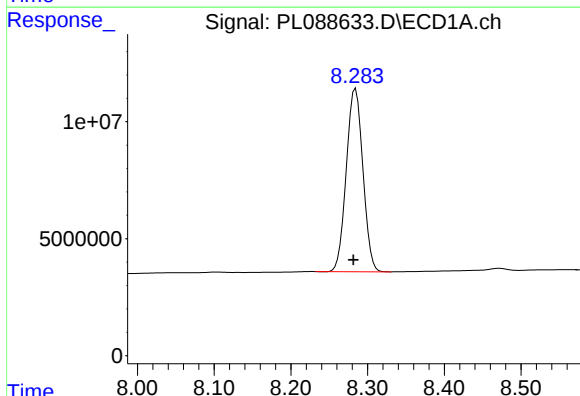
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2024
Supervised By :Ankita Jodhani 03/18/2024



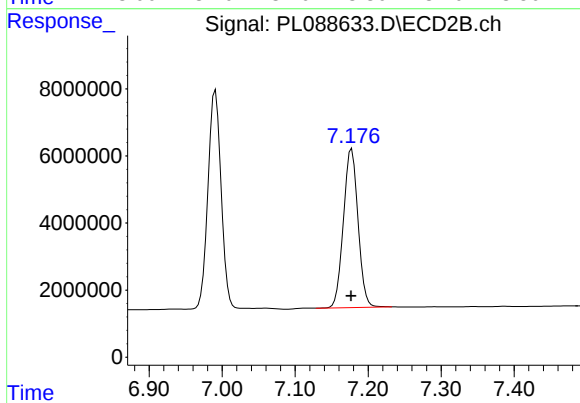
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 81686391
Conc: 49.49 ng/ml



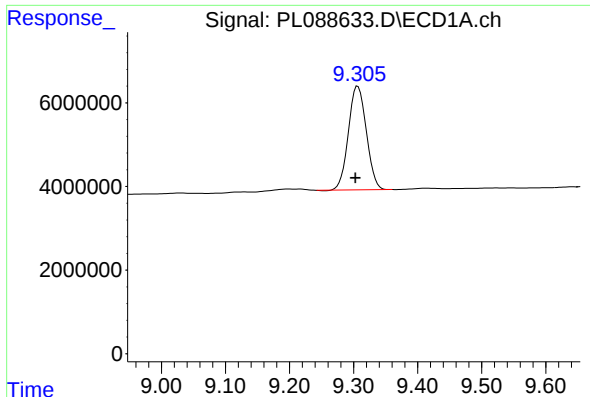
#22 Mirex

R.T.: 8.284 min
Delta R.T.: 0.003 min
Response: 118550087
Conc: 50.57 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.001 min
Response: 65727999
Conc: 48.74 ng/ml



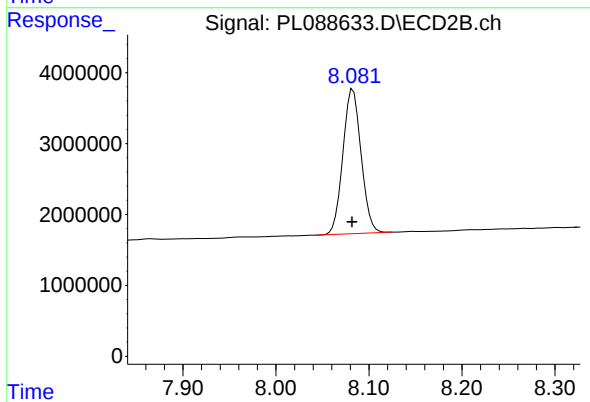
#28 Decachlorobiphenyl

R.T.: 9.307 min
Delta R.T.: 0.004 min
Response: 48301220
Conc: 19.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159606BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.001 min
Response: 27760155
Conc: 20.47 ng/ml