

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
 Data File : PL088168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 15:54
 Operator : AR\AJ
 Sample : PB159183BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159183BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 11:18:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.636	2.854	58450373	27959729	21.280	19.935
28)	SA Decachlor...	9.301	8.084	46229151	27113575	24.004	21.294
Target Compounds							
2)	A alpha-BHC	4.100	3.369	204.9E6	97888054	49.094	47.638
3)	MA gamma-BHC...	4.439	3.706	192.0E6	92622993	47.423	46.253
4)	MA Heptachlor	5.039	4.054	193.4E6	90545531	50.246	49.702
5)	MB Aldrin	5.386	4.340	182.7E6	90735377	47.835	46.784
6)	B beta-BHC	4.636	4.008	86239399	41109080	49.516	46.186
7)	B delta-BHC	4.888	4.243	187.9E6	88631579	49.390	44.431
8)	B Heptachlo...	5.818	4.851	173.8E6	82944760	49.605	47.813
9)	A Endosulfan I	6.209	5.226	154.4E6	77268886	49.325	48.021
10)	B gamma-Chl...	6.077	5.105	171.7E6	86826274	50.524	48.675
11)	B alpha-Chl...	6.158	5.170	170.0E6	85906769	49.819	48.223
12)	B 4,4'-DDE	6.332	5.363	149.7E6	77584955	49.350	48.814
13)	MA Dieldrin	6.487	5.495	162.5E6	83839259	49.418	48.592
14)	MA Endrin	6.719	5.775	127.9E6	69679808	49.180	46.604
15)	B Endosulfa...	6.940	6.072	140.5E6	73241134	49.059	48.077
16)	A 4,4'-DDD	6.854	5.925	126.9E6	66599492	48.929	48.747
17)	MA 4,4'-DDT	7.173	6.180	124.5E6	64945490	47.340	47.571
18)	B Endrin al...	7.071	6.255	107.8E6	56675401	52.152	51.893
19)	B Endosulfa...	7.308	6.480	132.4E6	70008292	50.831	49.848
20)	A Methoxychlor	7.653	6.763	64308799	36139767	48.582	46.111
21)	B Endrin ke...	7.799	6.993	144.2E6	84207081	51.481	50.297
22)	Mirex	8.281	7.177	111.3E6	68764843	48.040	52.488m

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

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Manual Integrations

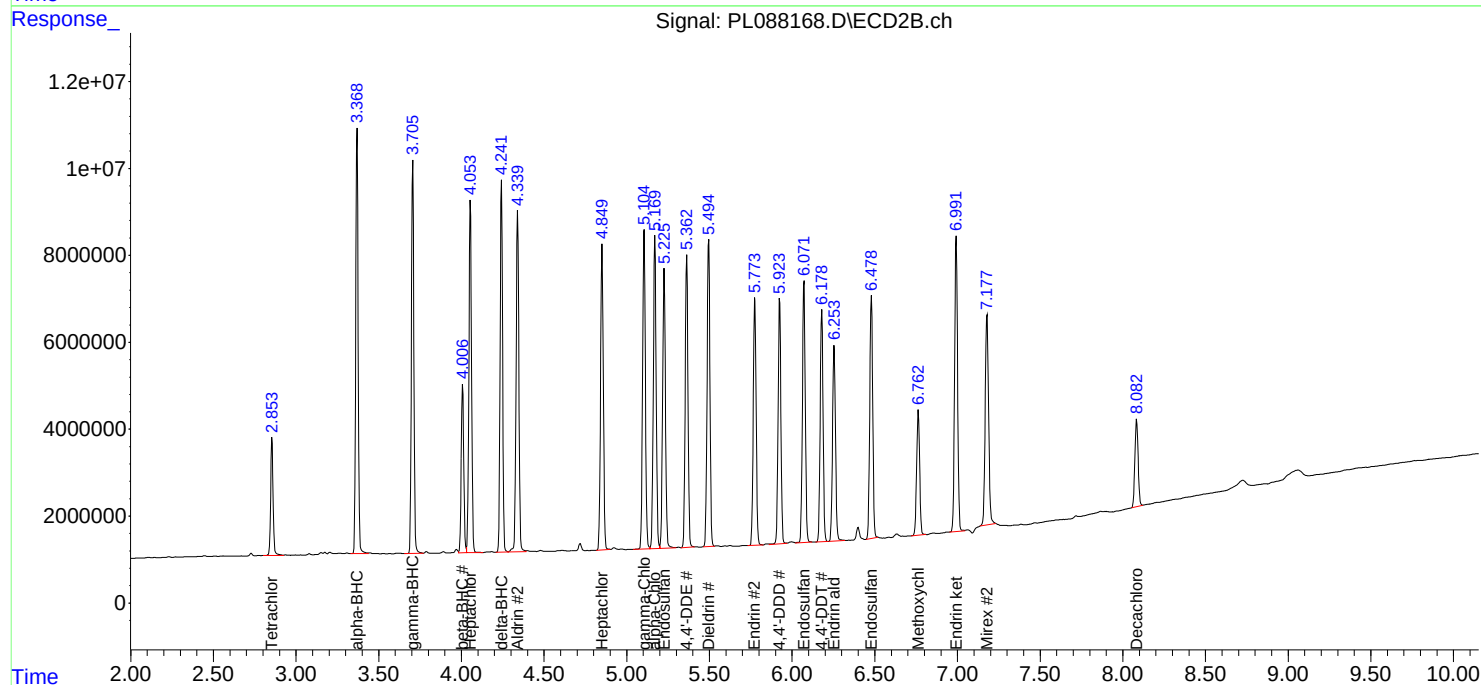
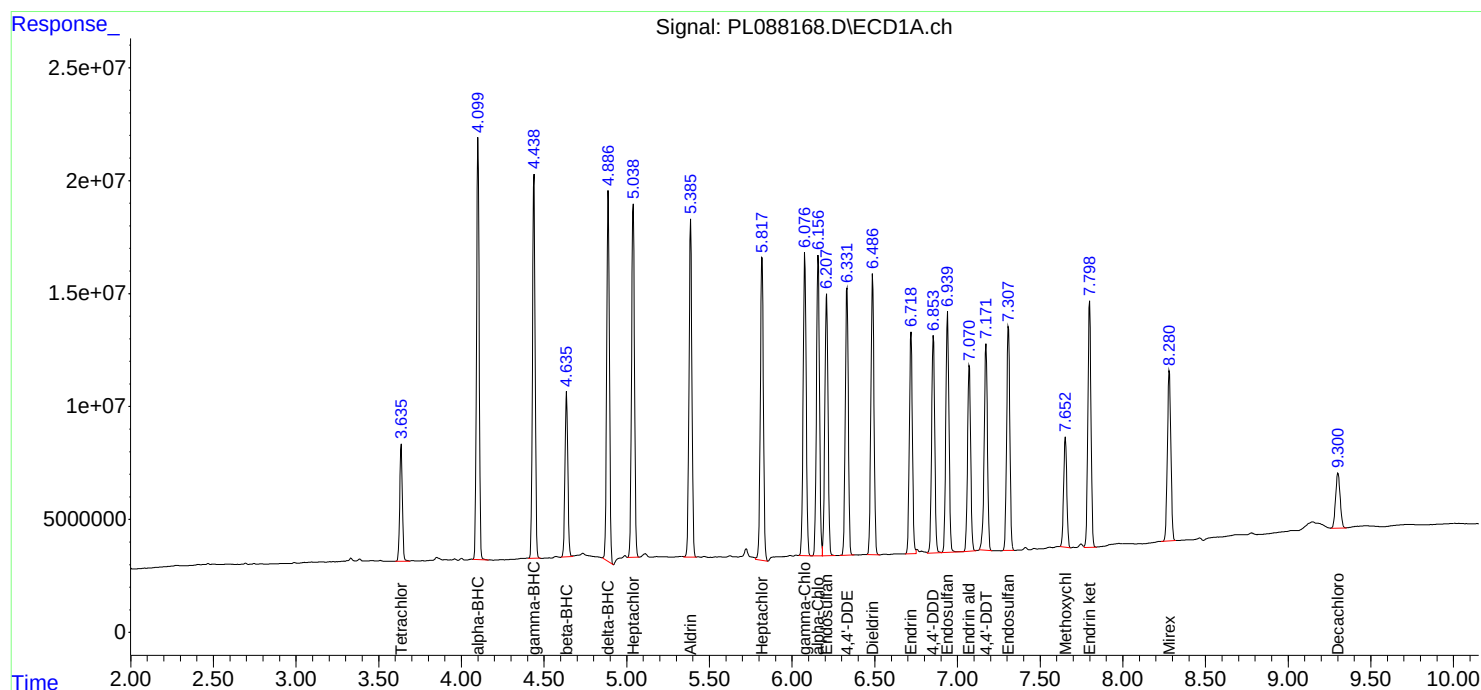
APPROVED

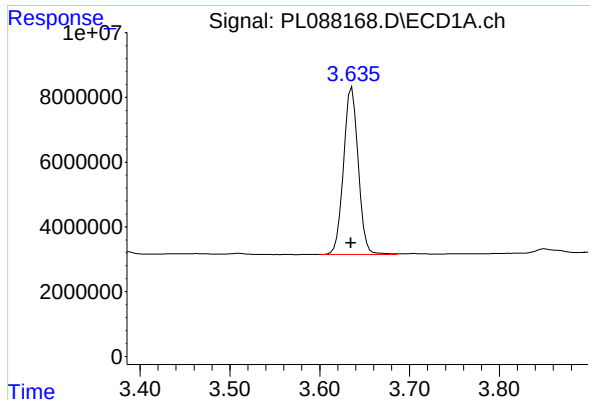
Reviewed By :Abdul Mirza 02/26/2024

Supervised By :Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 23 11:18:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
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QLast Update : Fri Feb 16 21:46:54 2024
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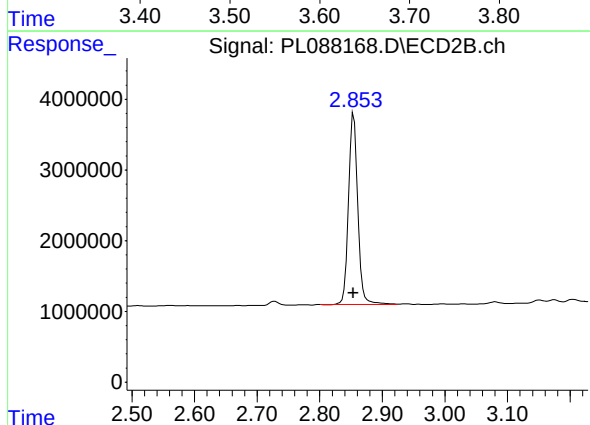
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 58450373
Conc: 21.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

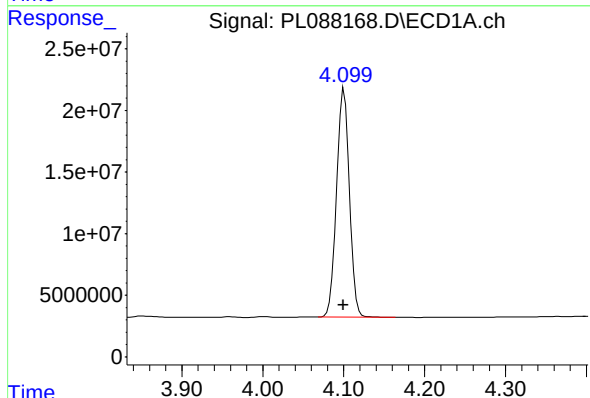
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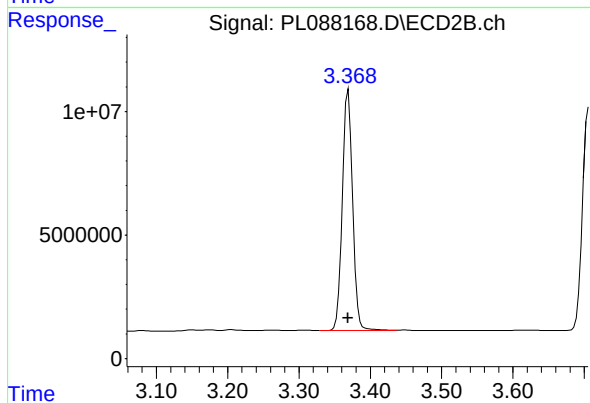
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 27959729
Conc: 19.94 ng/ml



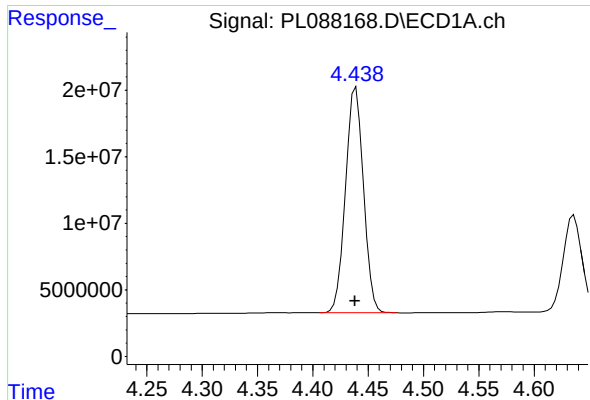
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 204928992
Conc: 49.09 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 97888054
Conc: 47.64 ng/ml



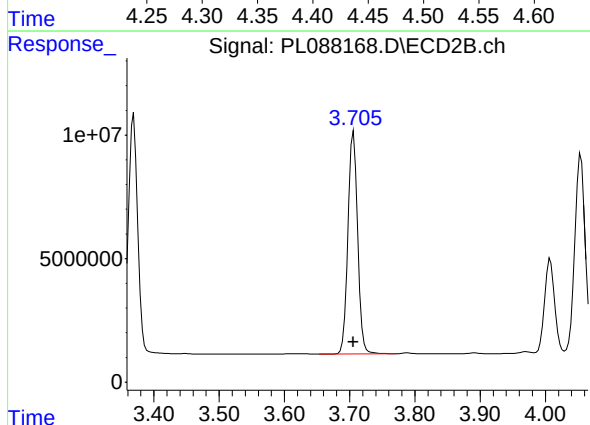
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 192041942
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

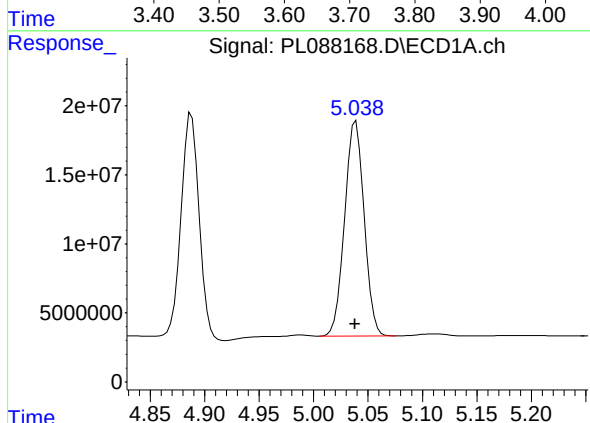
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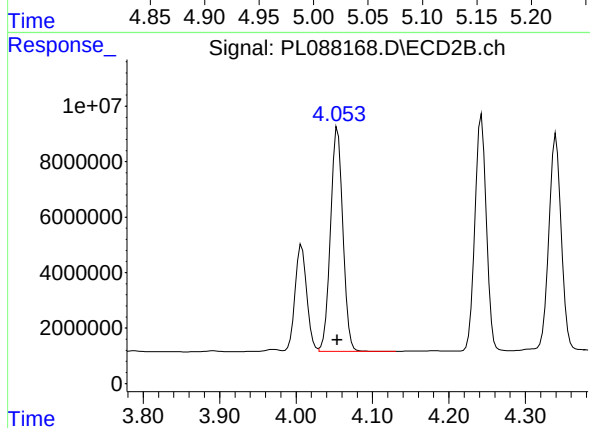
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 92622993
Conc: 46.25 ng/ml



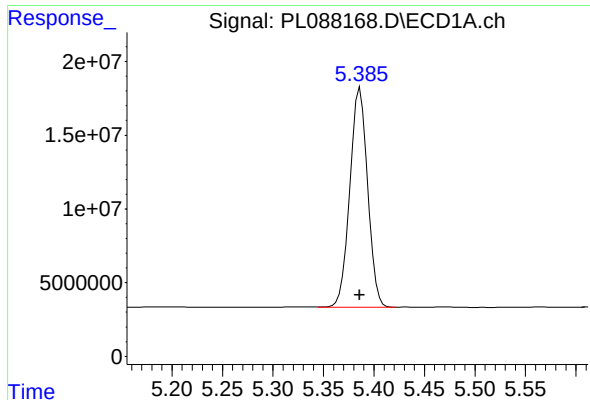
#4 Heptachlor

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 193358740
Conc: 50.25 ng/ml



#4 Heptachlor

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 90545531
Conc: 49.70 ng/ml



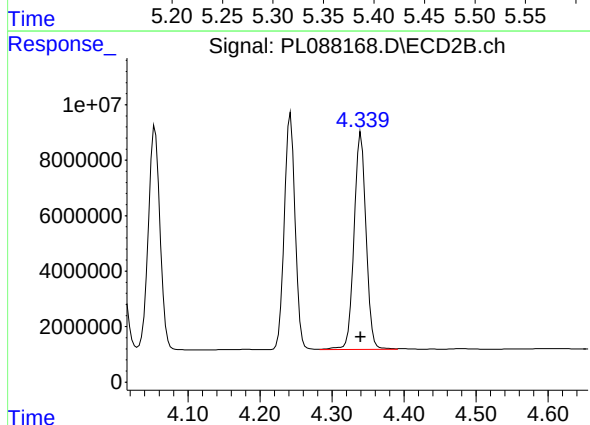
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 182650355
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

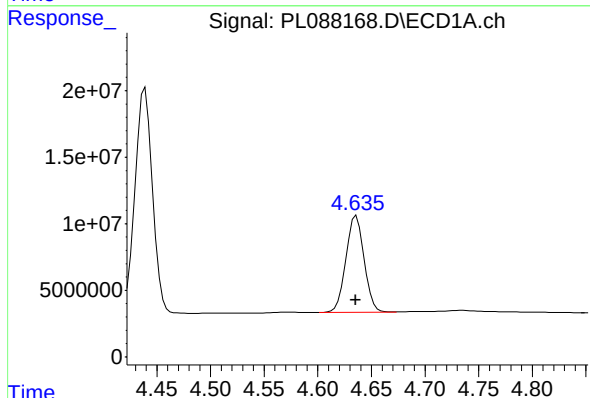
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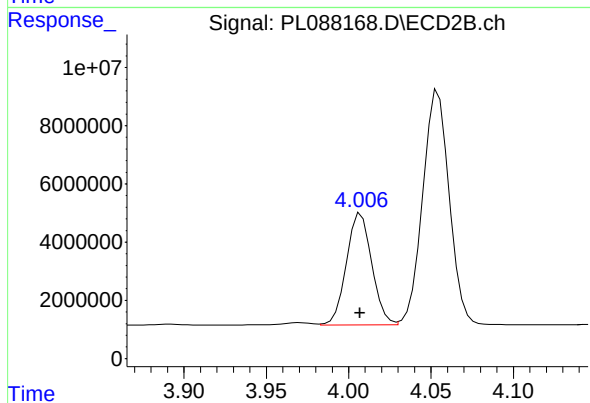
#5 Aldrin

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 90735377
Conc: 46.78 ng/ml



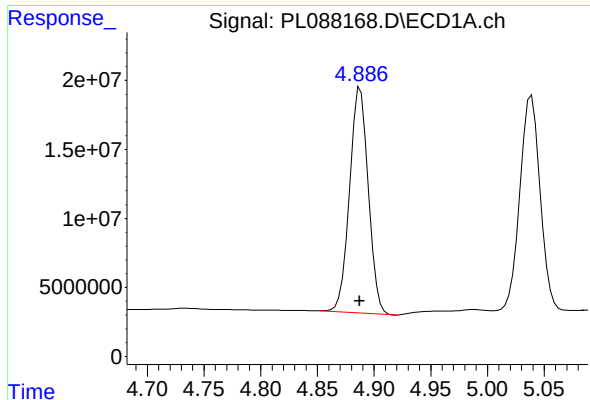
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 86239399
Conc: 49.52 ng/ml



#6 beta-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 41109080
Conc: 46.19 ng/ml



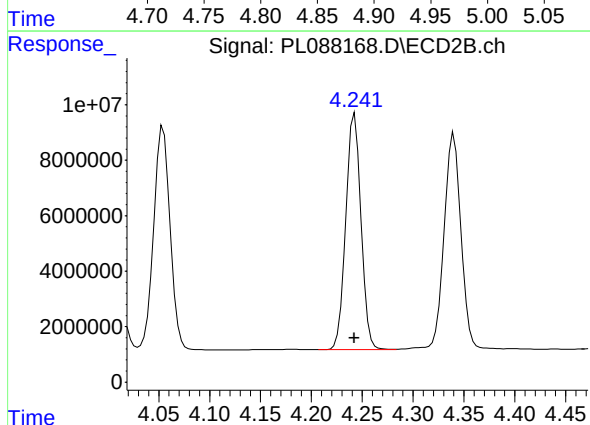
#7 delta-BHC

R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 187913832
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

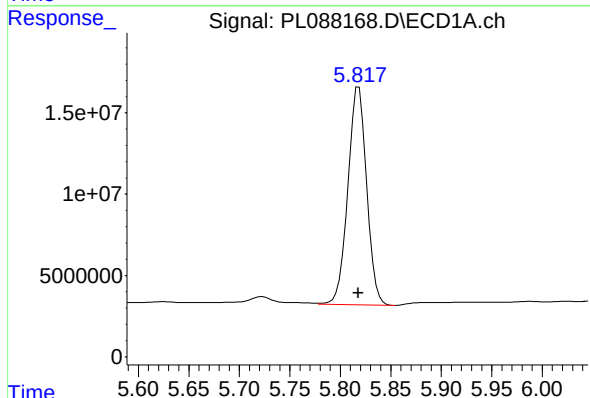
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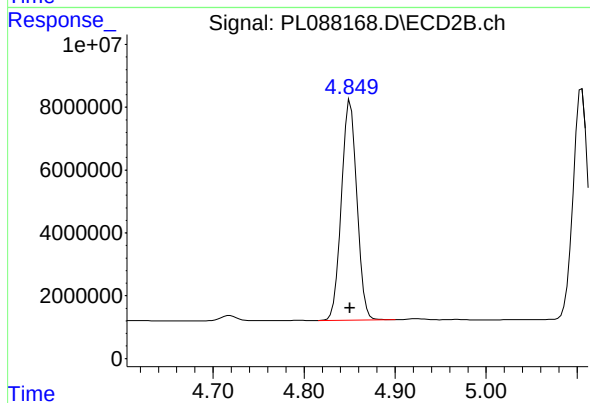
#7 delta-BHC

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 88631579
Conc: 44.43 ng/ml



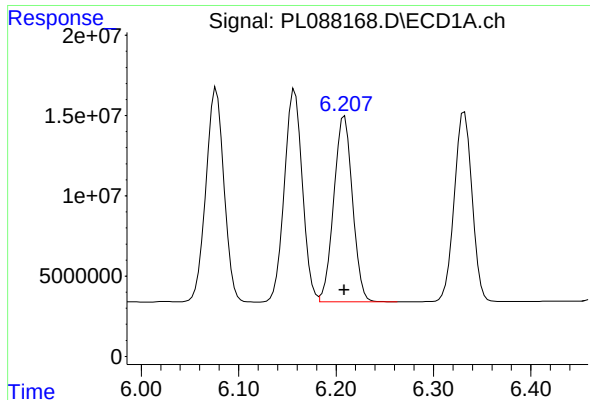
#8 Heptachlor epoxide

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 173799004
Conc: 49.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 82944760
Conc: 47.81 ng/ml



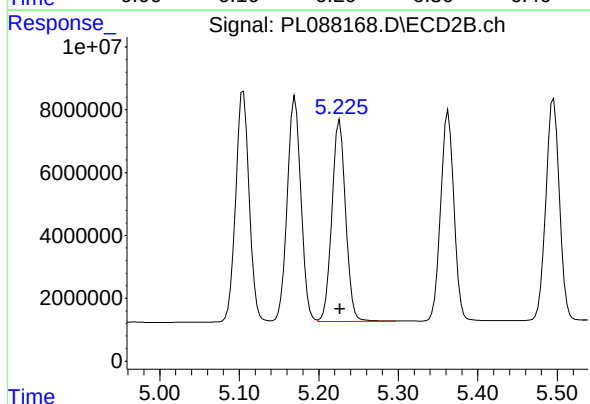
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 154380586
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

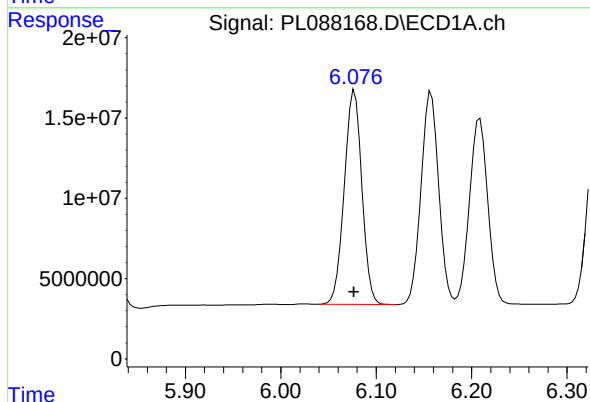
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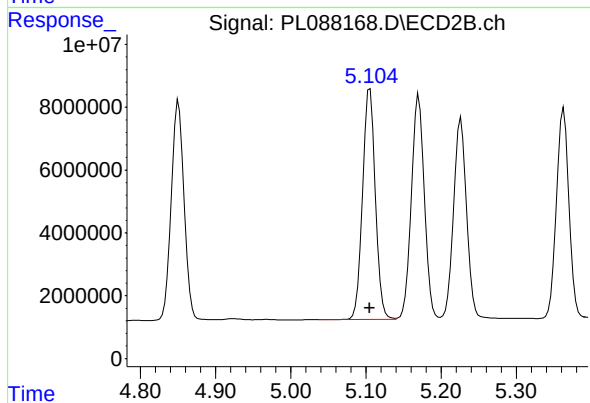
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 77268886
Conc: 48.02 ng/ml



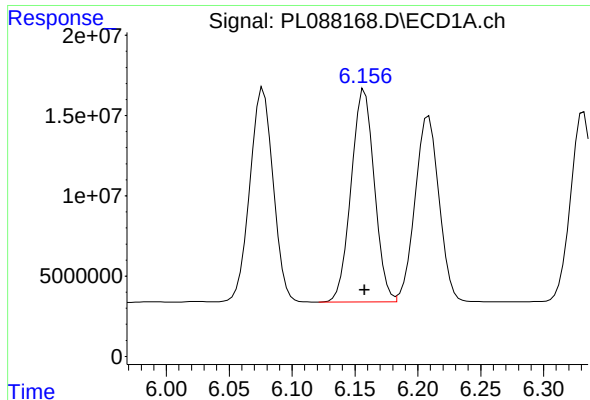
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 171697490
Conc: 50.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 86826274
Conc: 48.67 ng/ml



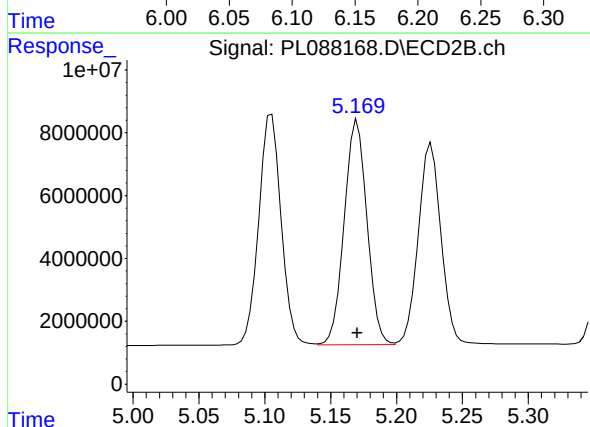
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 170021661
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

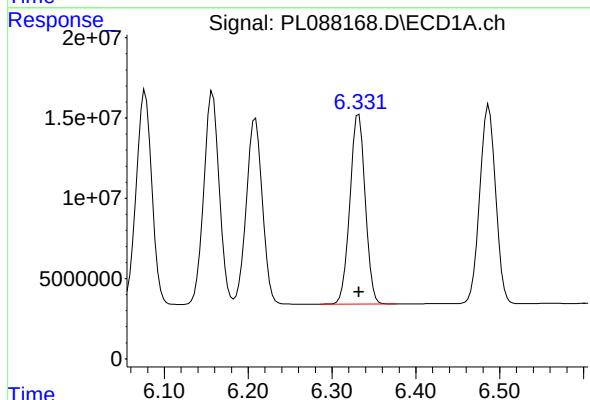
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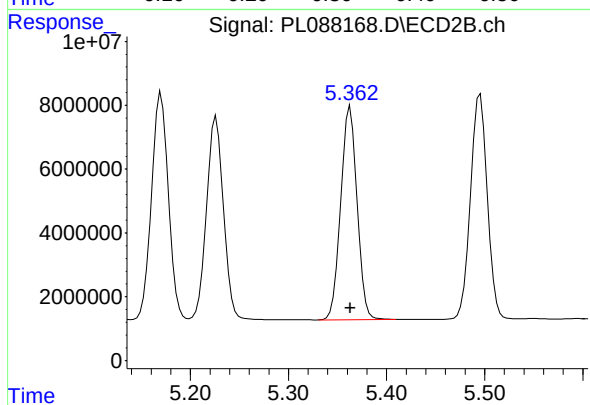
#11 alpha-Chlordane

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 85906769
Conc: 48.22 ng/ml



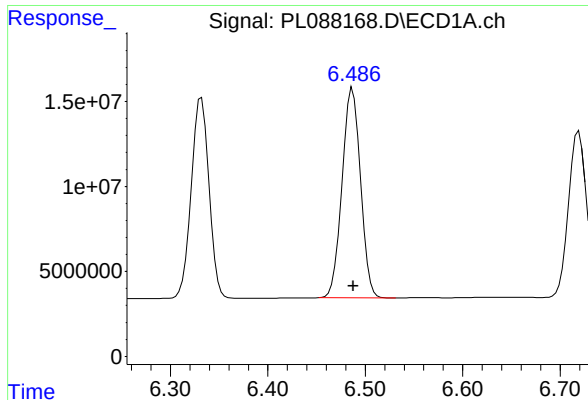
#12 4,4'-DDE

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 149670932
Conc: 49.35 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 77584955
Conc: 48.81 ng/ml



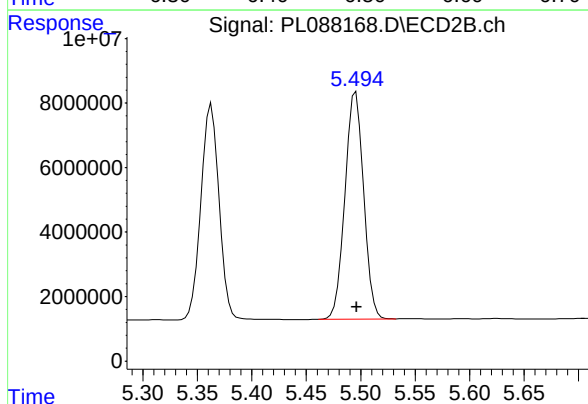
#13 Dieldrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 162492400
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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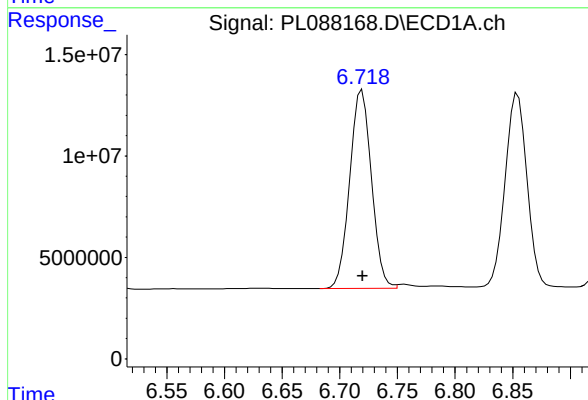
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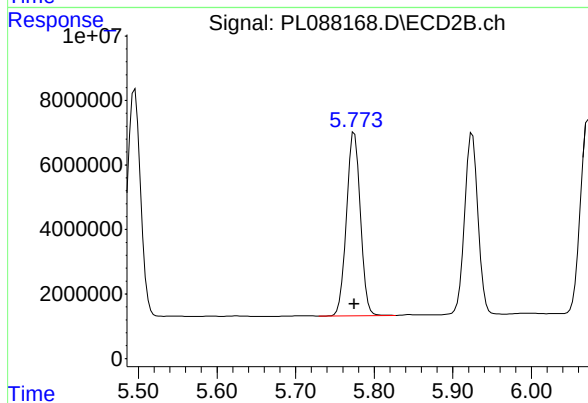
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 83839259
Conc: 48.59 ng/ml



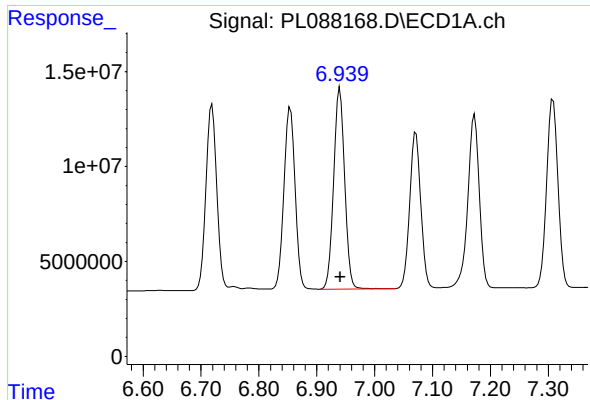
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 127897732
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 69679808
Conc: 46.60 ng/ml



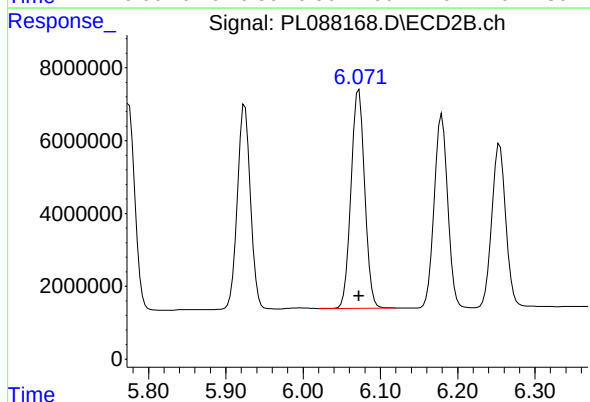
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 140500508
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

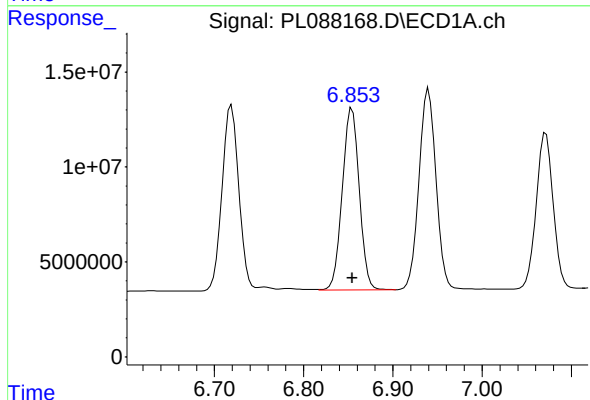
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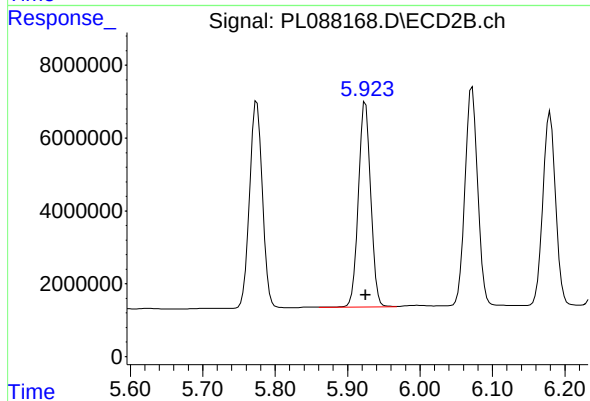
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 73241134
Conc: 48.08 ng/ml



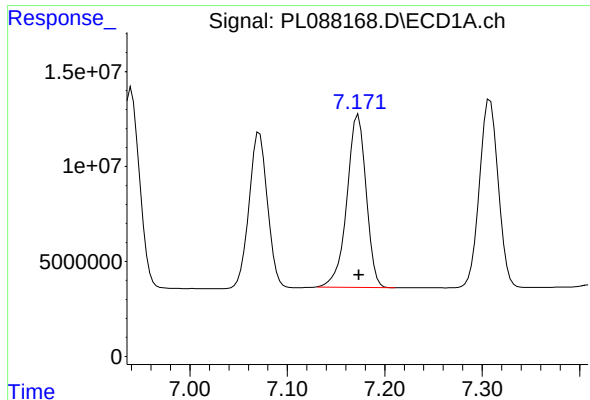
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 126908118
Conc: 48.93 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 66599492
Conc: 48.75 ng/ml



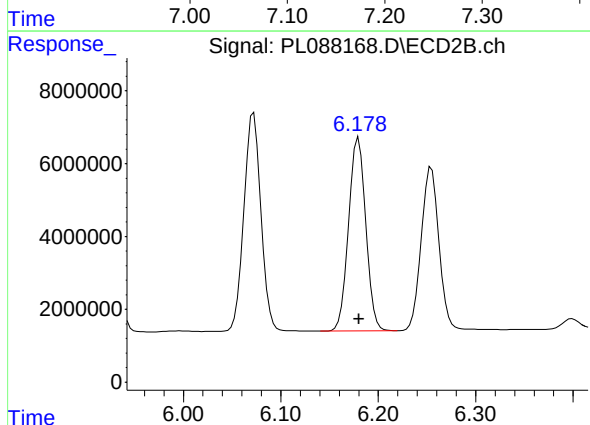
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 124466896
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

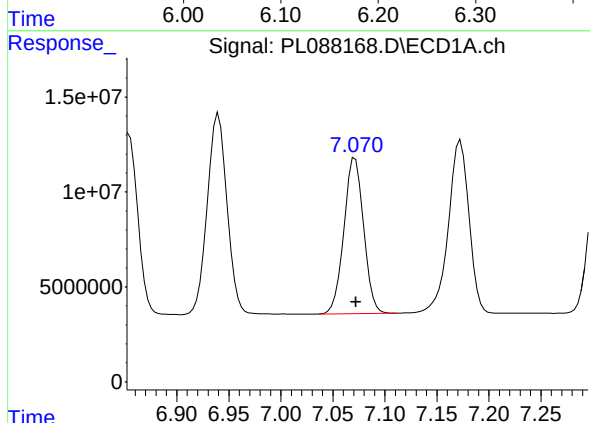
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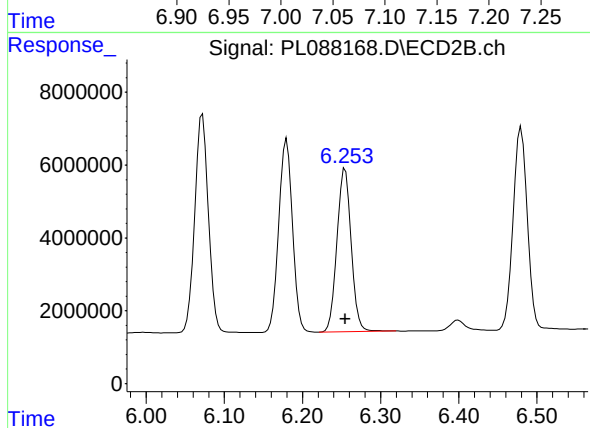
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 64945490
Conc: 47.57 ng/ml



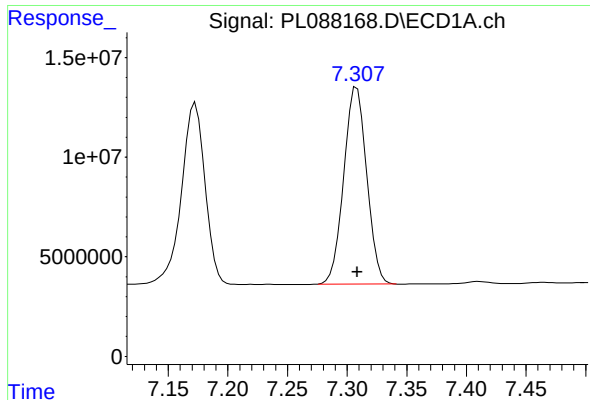
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 107834162
Conc: 52.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 56675401
Conc: 51.89 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 132421996
Conc: 50.83 ng/ml

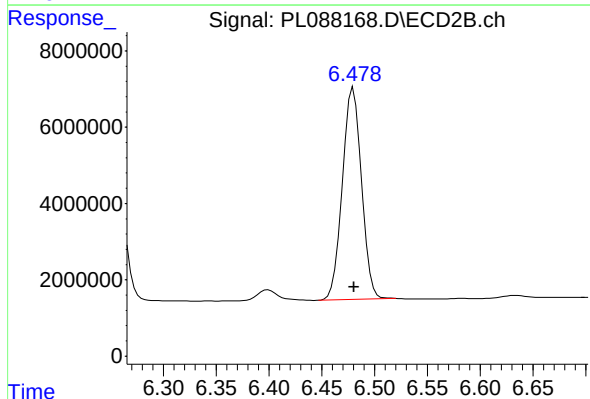
Instrument :

ECD_L

ClientSampleId :
PB159183BS

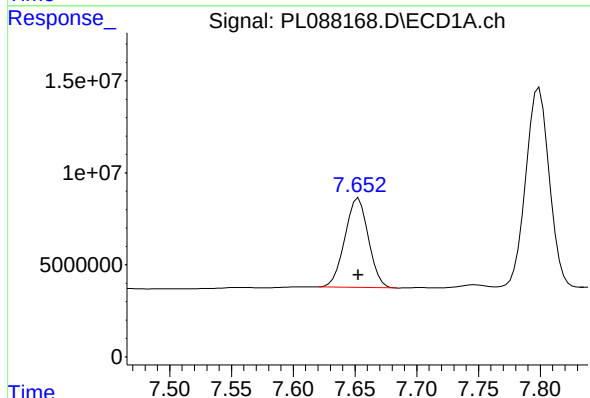
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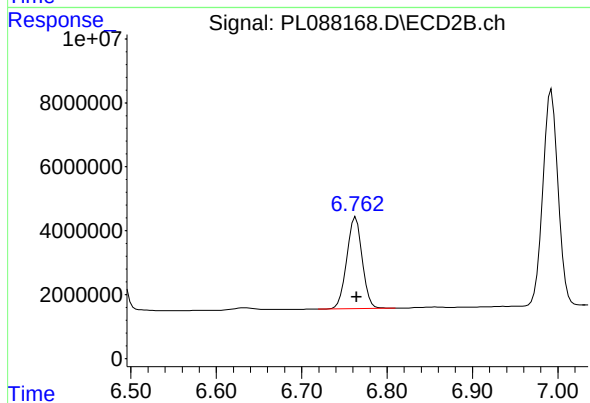
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 70008292
Conc: 49.85 ng/ml



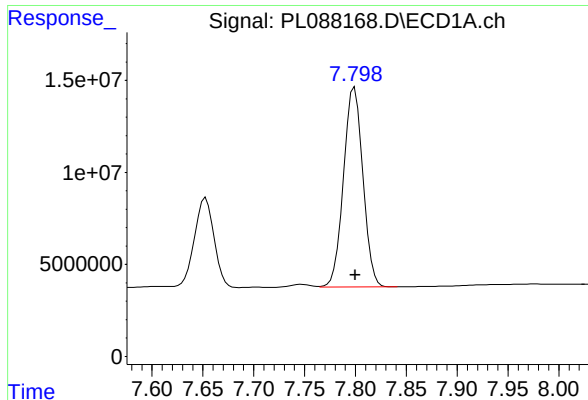
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 64308799
Conc: 48.58 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 36139767
Conc: 46.11 ng/ml



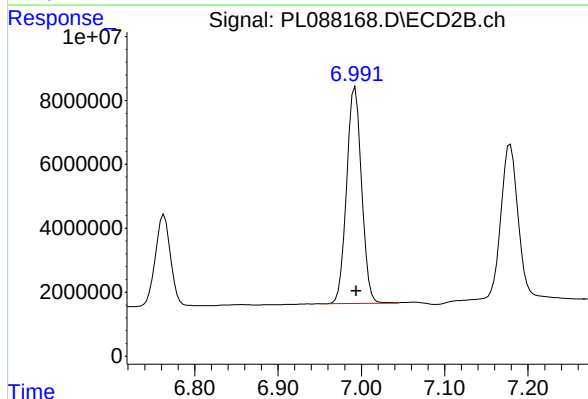
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 144206901
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

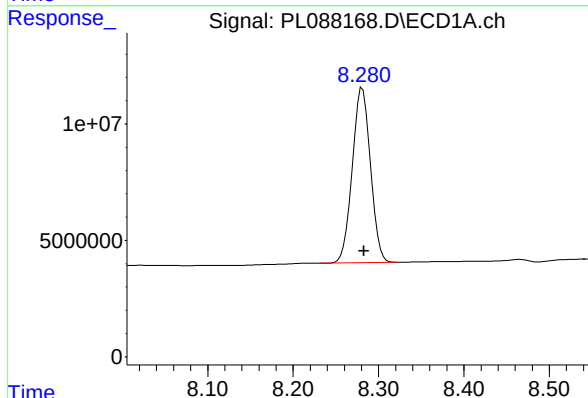
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Supervised By :Ankita Jodhani 02/26/2024



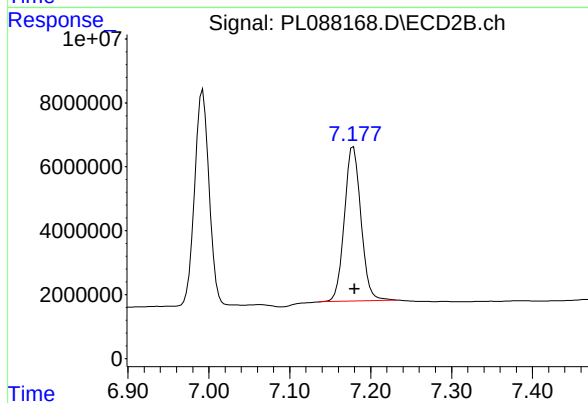
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.001 min
Response: 84207081
Conc: 50.30 ng/ml



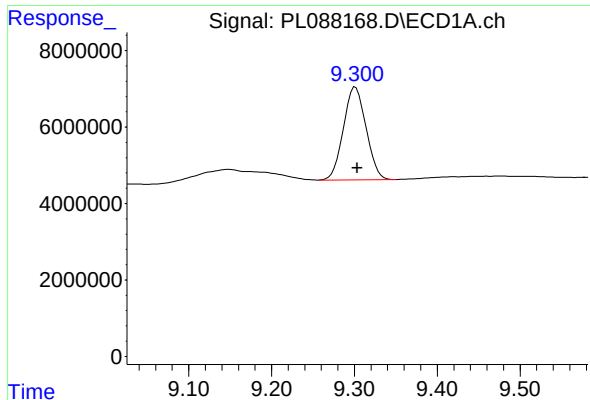
#22 Mirex

R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 111318474
Conc: 48.04 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 68764843
Conc: 52.49 ng/ml m



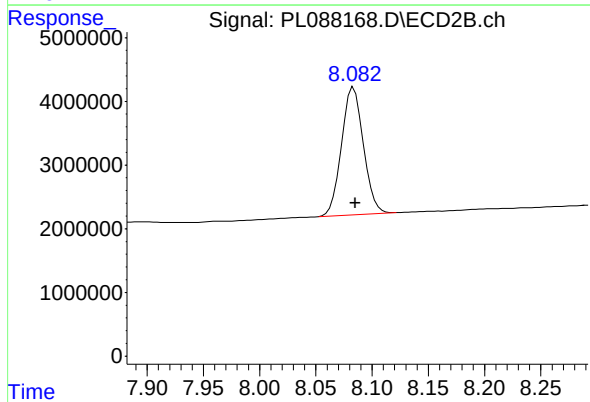
#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.003 min
Response: 46229151
Conc: 24.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159183BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/26/2024



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.002 min
Response: 27113575
Conc: 21.29 ng/ml