

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092022\
 Data File : PL077851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2022 10:05
 Operator : AR\AJ
 Sample : PB147566BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147566BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 17:07:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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...	3.418	2.623	32564643	62661860	20.315	21.107
28)	SA Decachlor...	8.906	7.721	25118406	49188098	19.435	19.595
Target Compounds							
2)	A alpha-BHC	3.882	3.115	135.0E6	259.1E6	56.907	57.121
3)	MA gamma-BHC...	4.218	3.439	124.1E6	228.1E6	56.077	56.480
4)	MA Heptachlor	4.794	3.771	122.4E6	222.4E6	55.303	56.164
5)	MB Aldrin	5.134	4.045	114.2E6	224.0E6	57.458	59.029
6)	B beta-BHC	4.431	3.739	51516683	86487271	53.007	51.950
7)	B delta-BHC	4.675	3.962	104.0E6	229.0E6	50.638	56.431
8)	B Heptachlo...	5.567	4.544	98813855	196.6E6	56.682	58.148
9)	A Endosulfan I	5.953	4.909	89959893	176.5E6	55.817	55.938
10)	B gamma-Chl...	5.822	4.793	99276099	195.1E6	56.700	57.237
11)	B alpha-Chl...	5.899	4.855	97592422	189.7E6	56.499	57.280
12)	B 4,4'-DDE	6.078	5.049	89654862	190.3E6	56.321	58.485m
13)	MA Dieldrin	6.230	5.171	92796481	200.4E6	57.494	60.427m
14)	MA Endrin	6.462	5.445	80601173	175.7E6	58.280	61.625
15)	B Endosulfa...	6.691	5.741	80046958	160.0E6	57.947	60.699
16)	A 4,4'-DDD	6.603	5.602	67520427	146.7E6	57.667	56.623
17)	MA 4,4'-DDT	6.914	5.850	73873907	162.2E6	58.300	61.567m
18)	B Endrin al...	6.821	5.920	62531672	125.8E6	59.133	60.985
19)	B Endosulfa...	7.054	6.143	72165033	155.9E6	56.353	57.991
20)	A Methoxychlor	7.396	6.428	38051167	80857852	57.614	59.045
21)	B Endrin ke...	7.543	6.643	76381011	172.3E6	55.277	56.884
22)	Mirex	8.002	6.817	58119340	124.3E6	55.352	57.835m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092022\
 Data File : PL077851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2022 10:05
 Operator : AR\AJ
 Sample : PB147566BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB147566BS

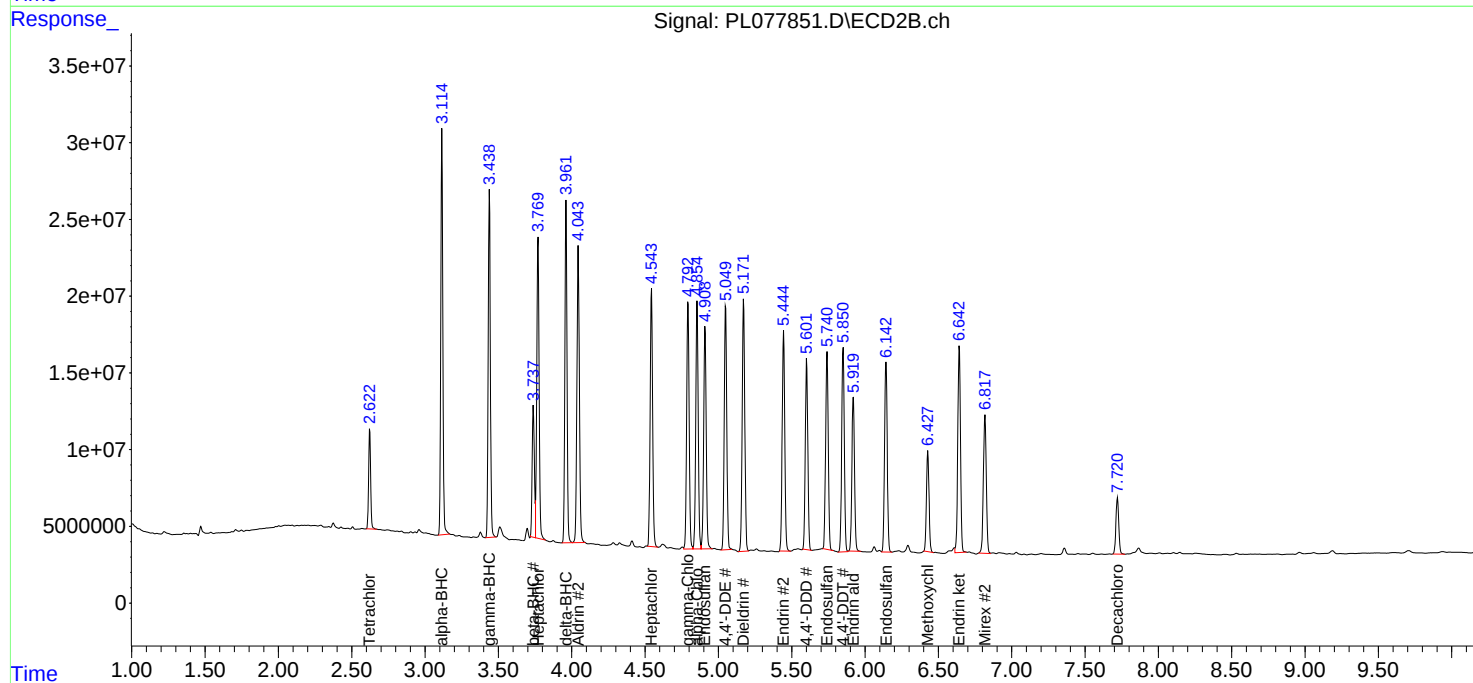
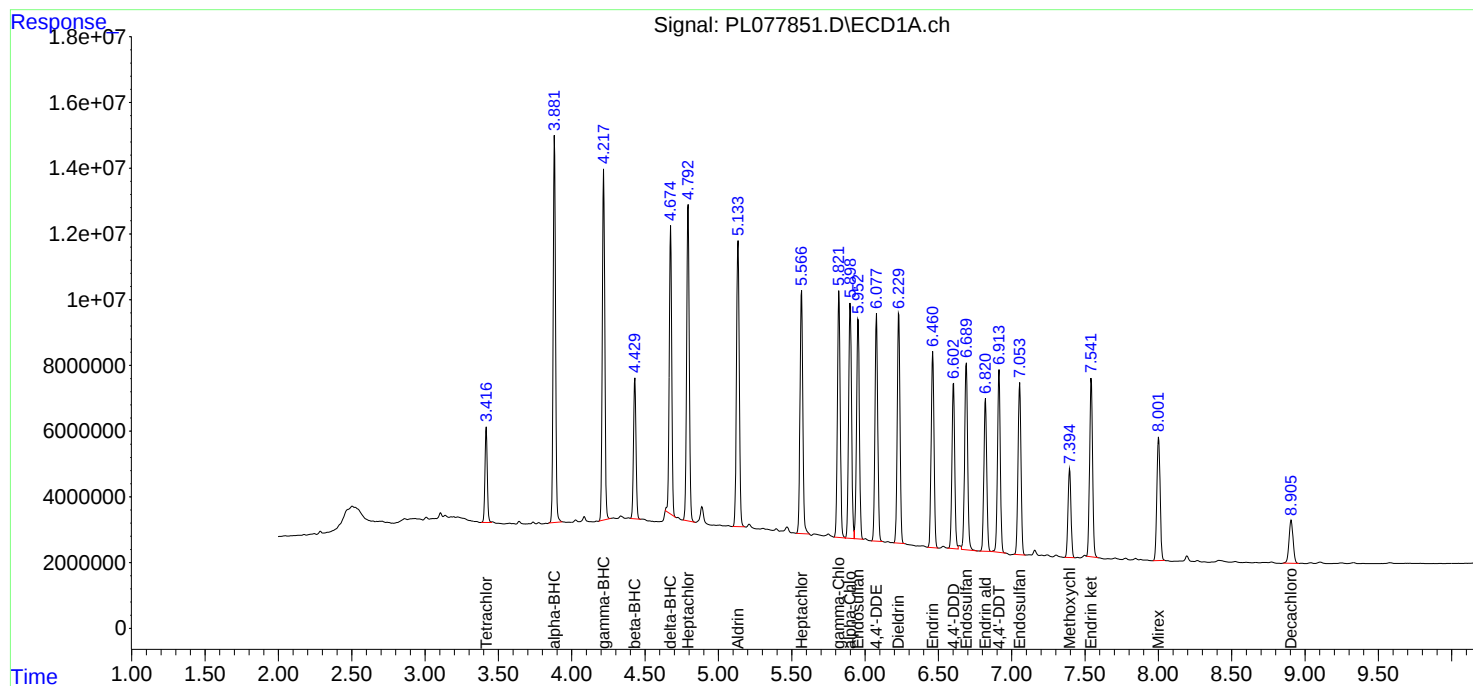
Manual Integrations

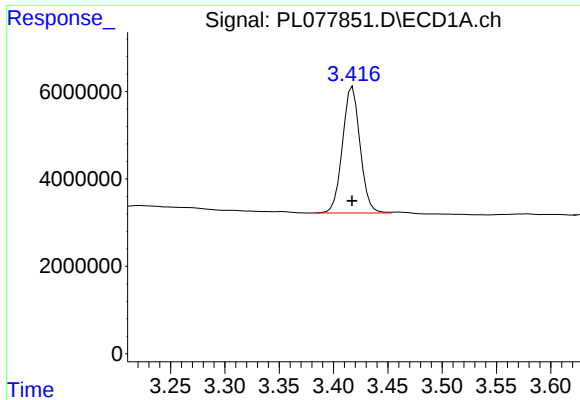
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Reviewed By : Abdul Mirza 09/21/2022
 Supervised By : Ankita Jodhani 09/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 17:07:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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





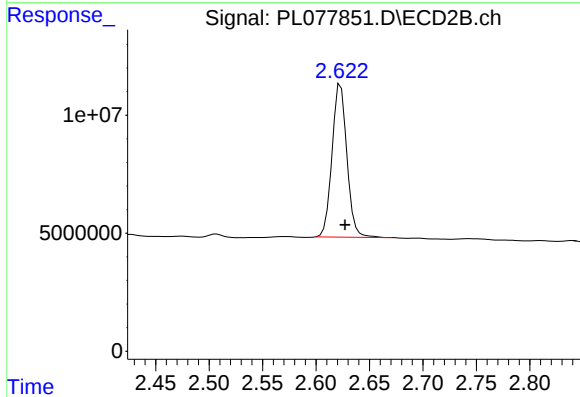
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 32564643
Conc: 20.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

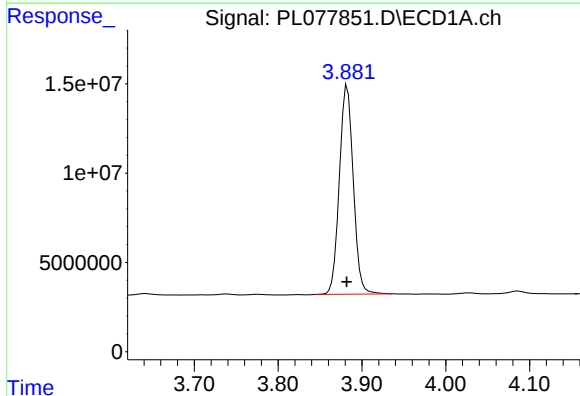
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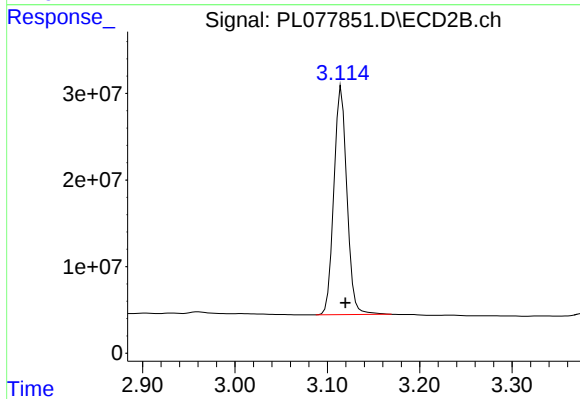
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: -0.004 min
Response: 62661860
Conc: 21.11 ng/ml



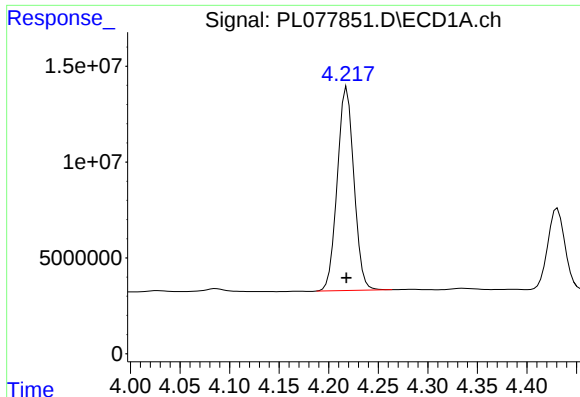
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 135044764
Conc: 56.91 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.004 min
Response: 259050157
Conc: 57.12 ng/ml



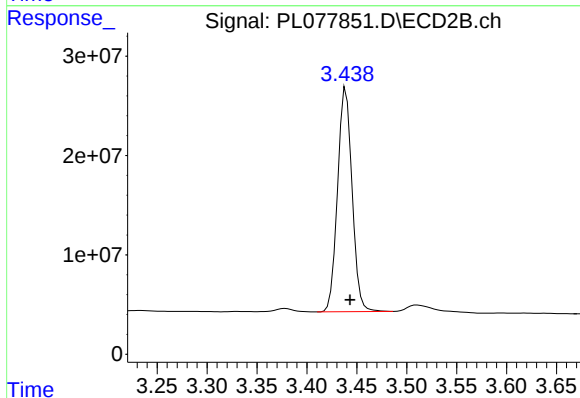
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 124066893
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

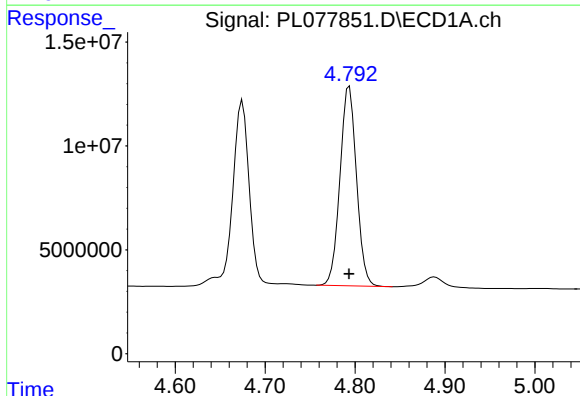
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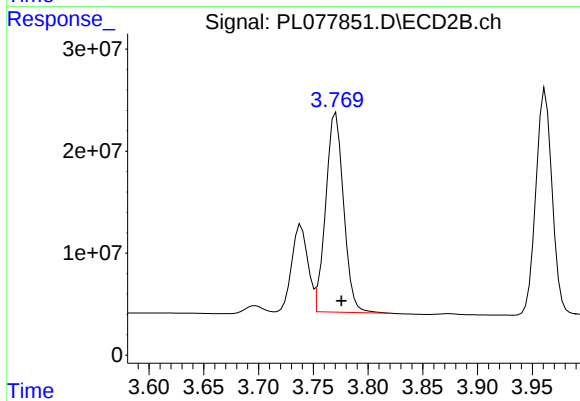
#3 gamma-BHC (Lindane)

R.T.: 3.439 min
Delta R.T.: -0.004 min
Response: 228078779
Conc: 56.48 ng/ml



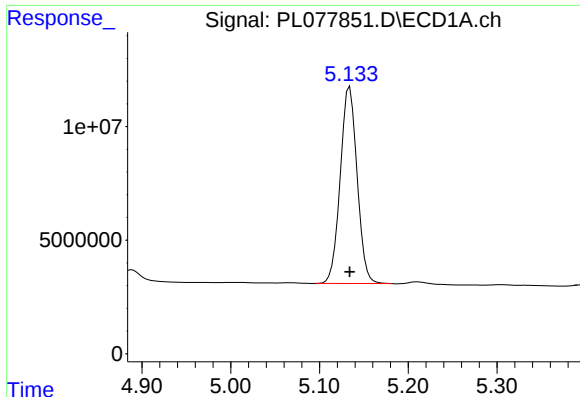
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 122443545
Conc: 55.30 ng/ml



#4 Heptachlor

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 222444778
Conc: 56.16 ng/ml



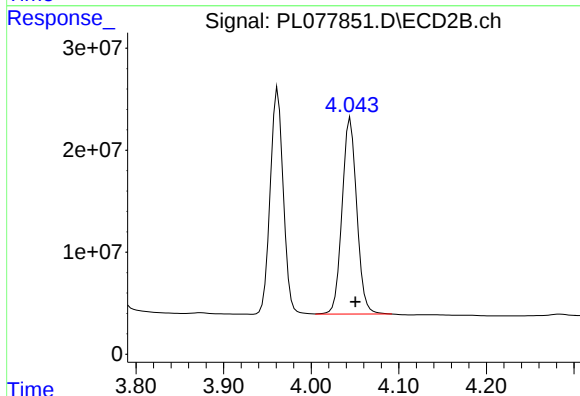
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 114193416
Conc: 57.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

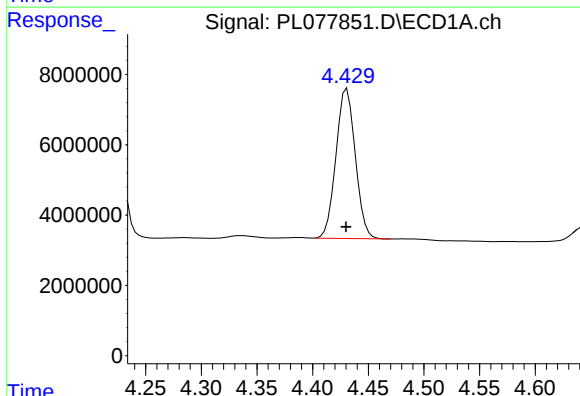
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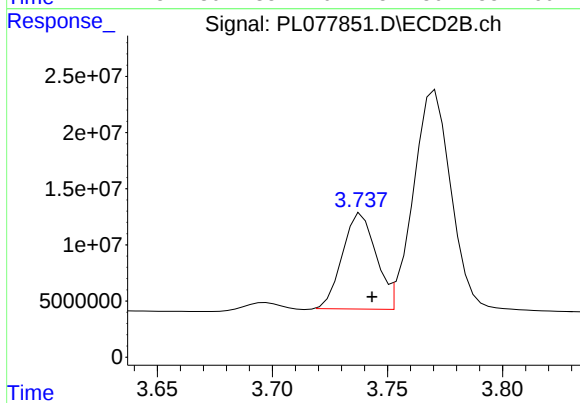
#5 Aldrin

R.T.: 4.045 min
Delta R.T.: -0.006 min
Response: 224008017
Conc: 59.03 ng/ml



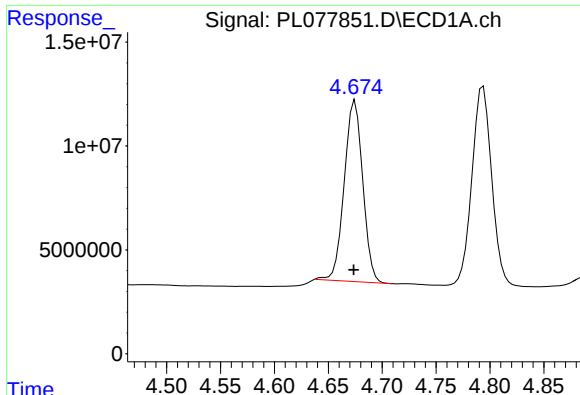
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 51516683
Conc: 53.01 ng/ml



#6 beta-BHC

R.T.: 3.739 min
Delta R.T.: -0.004 min
Response: 86487271
Conc: 51.95 ng/ml



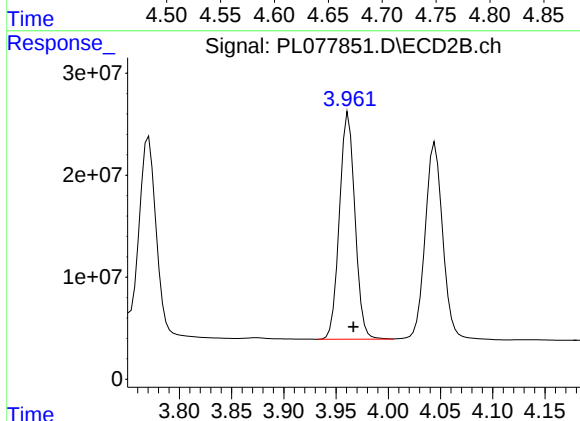
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.001 min
Response: 103969614
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

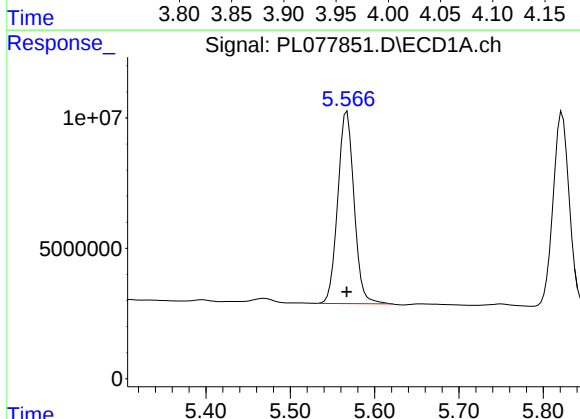
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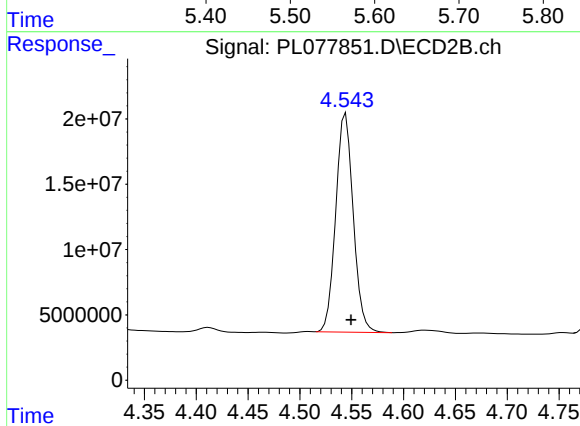
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: -0.005 min
Response: 228983572
Conc: 56.43 ng/ml



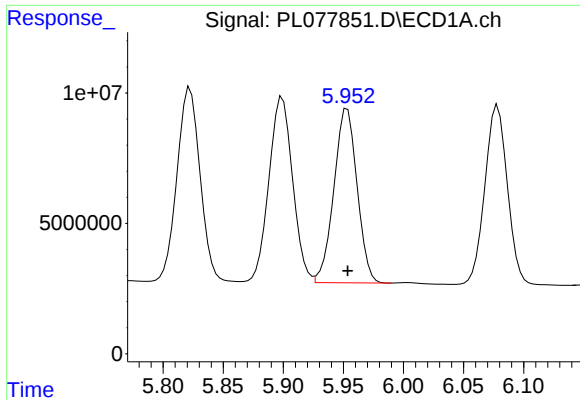
#8 Heptachlor epoxide

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 98813855
Conc: 56.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.544 min
Delta R.T.: -0.005 min
Response: 196623477
Conc: 58.15 ng/ml



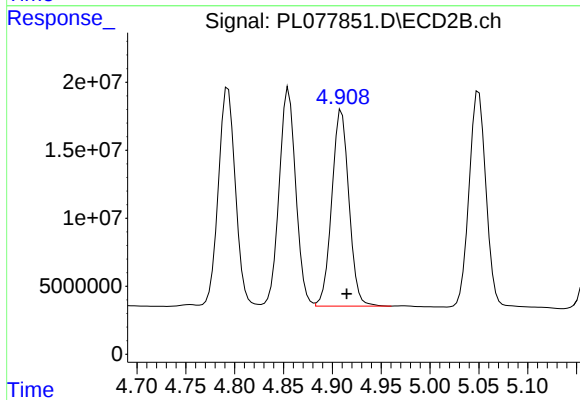
#9 Endosulfan I

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 89959893
Conc: 55.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

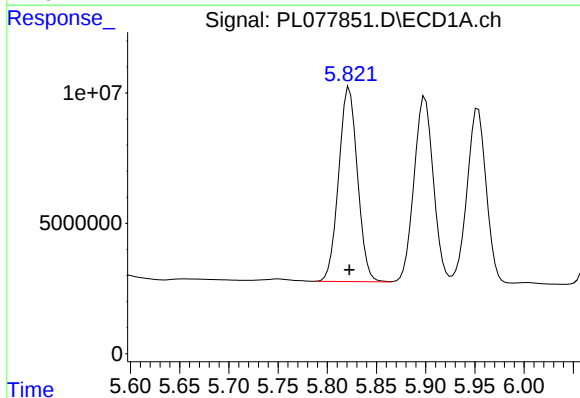
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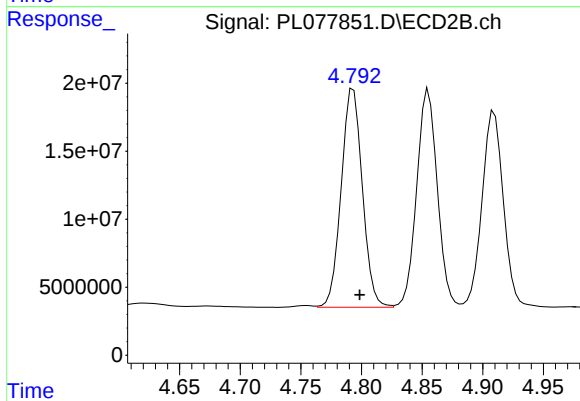
#9 Endosulfan I

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 176497878
Conc: 55.94 ng/ml



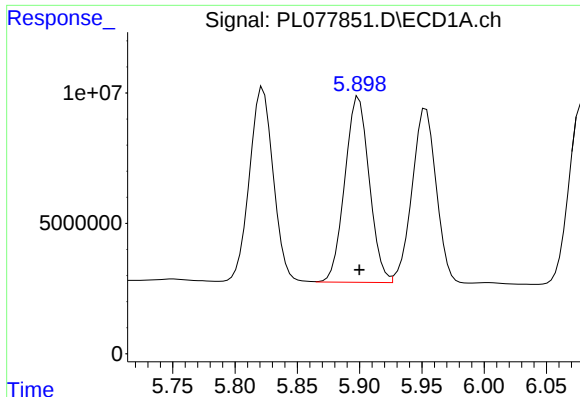
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 99276099
Conc: 56.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.793 min
Delta R.T.: -0.005 min
Response: 195082267
Conc: 57.24 ng/ml



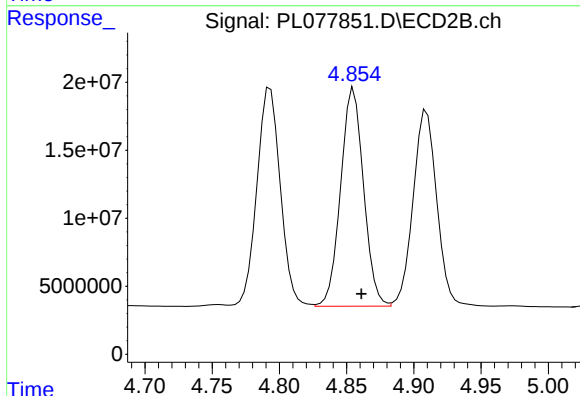
#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 97592422
Conc: 56.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

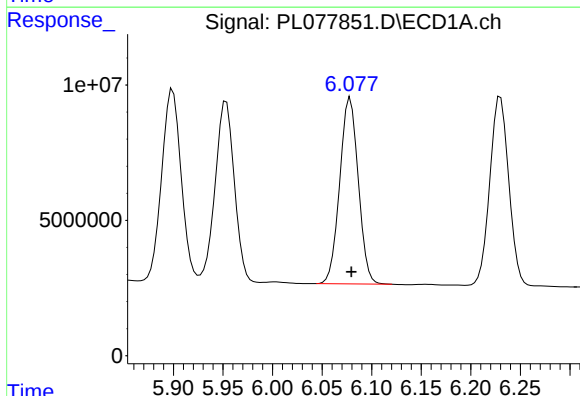
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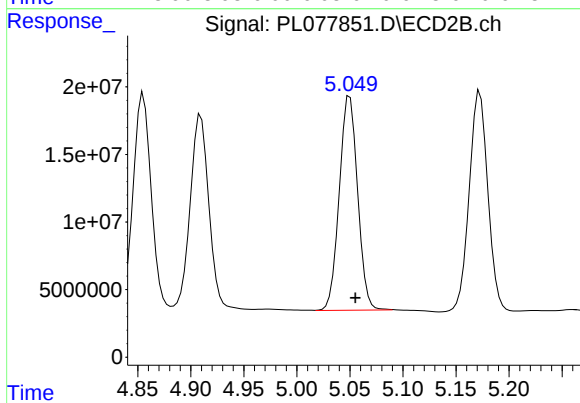
#11 alpha-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 189689759
Conc: 57.28 ng/ml



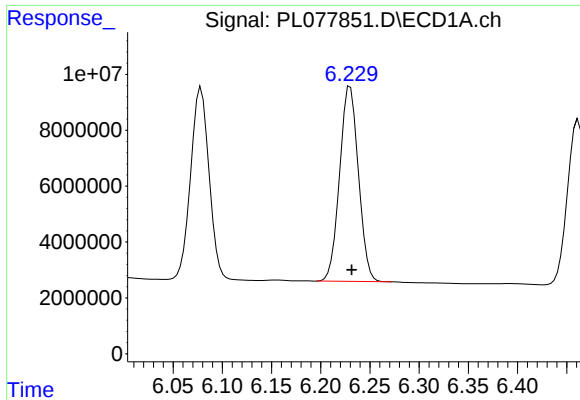
#12 4,4'-DDE

R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 89654862
Conc: 56.32 ng/ml



#12 4,4'-DDE

R.T.: 5.049 min
Delta R.T.: -0.007 min
Response: 190297497
Conc: 58.48 ng/ml m



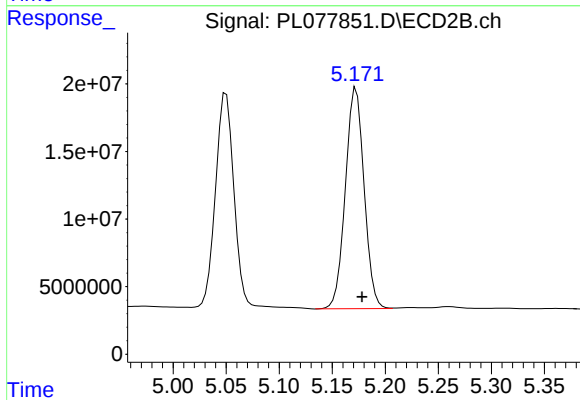
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 92796481
Conc: 57.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

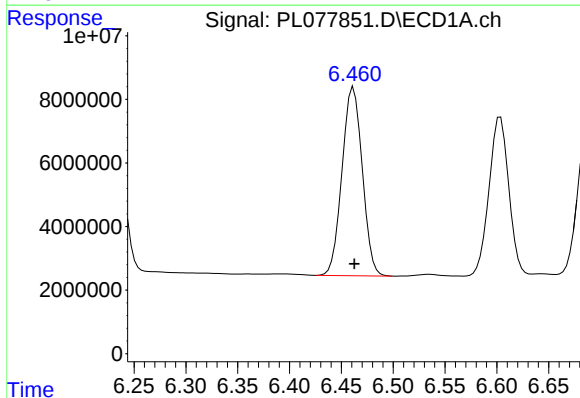
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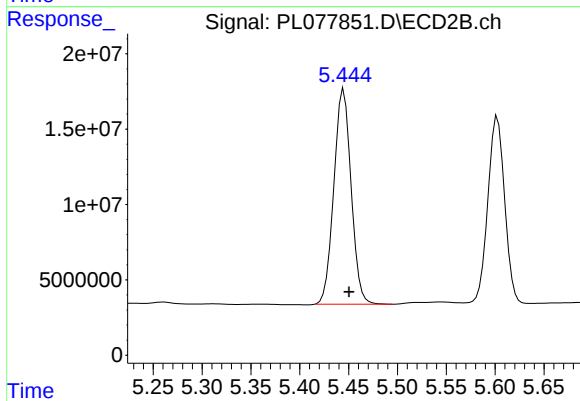
#13 Dieldrin

R.T.: 5.171 min
Delta R.T.: -0.007 min
Response: 200356570
Conc: 60.43 ng/ml m



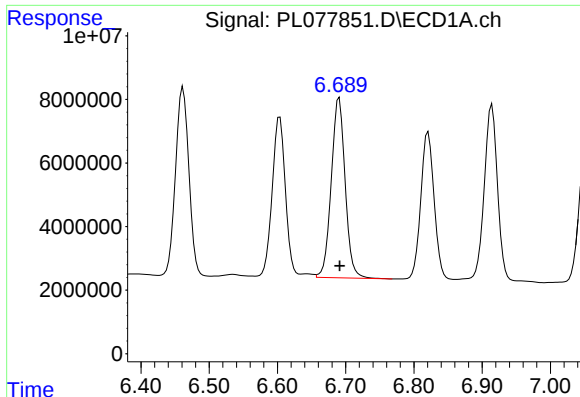
#14 Endrin

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 80601173
Conc: 58.28 ng/ml



#14 Endrin

R.T.: 5.445 min
Delta R.T.: -0.006 min
Response: 175723659
Conc: 61.63 ng/ml



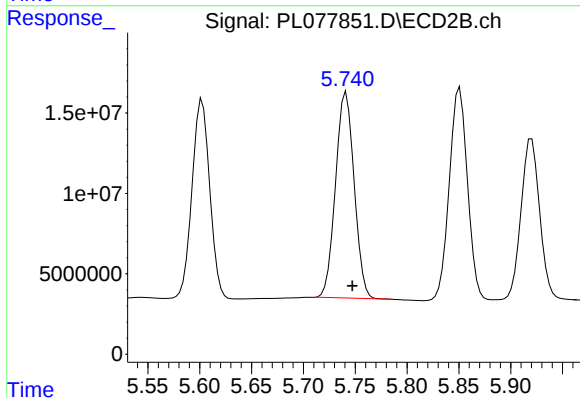
#15 Endosulfan II

R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 80046958
Conc: 57.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

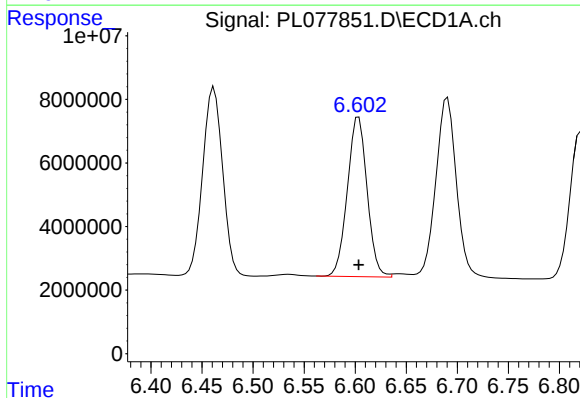
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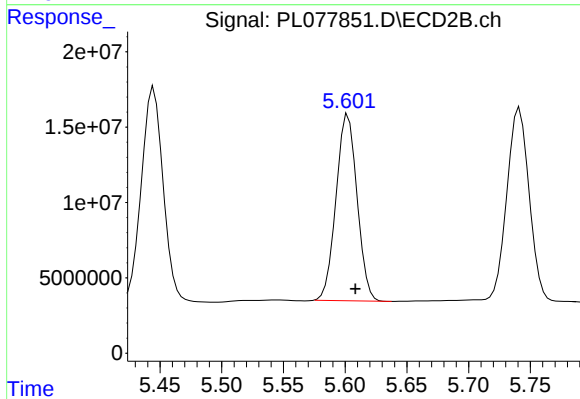
#15 Endosulfan II

R.T.: 5.741 min
Delta R.T.: -0.006 min
Response: 159953421
Conc: 60.70 ng/ml



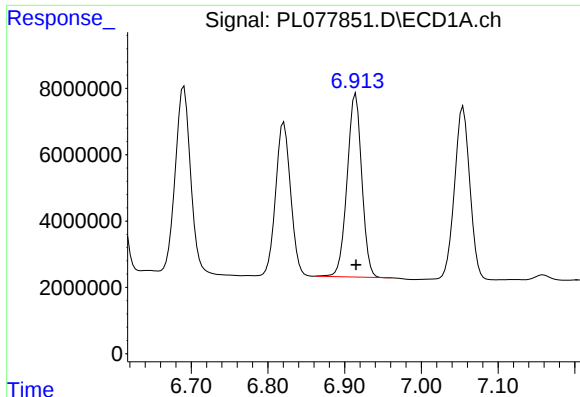
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 67520427
Conc: 57.67 ng/ml



#16 4,4'-DDD

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 146686630
Conc: 56.62 ng/ml



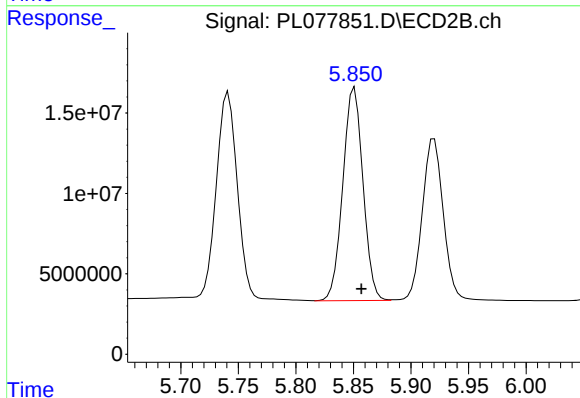
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 73873907
Conc: 58.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

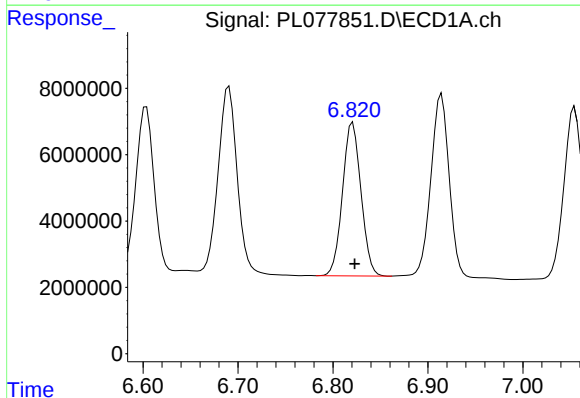
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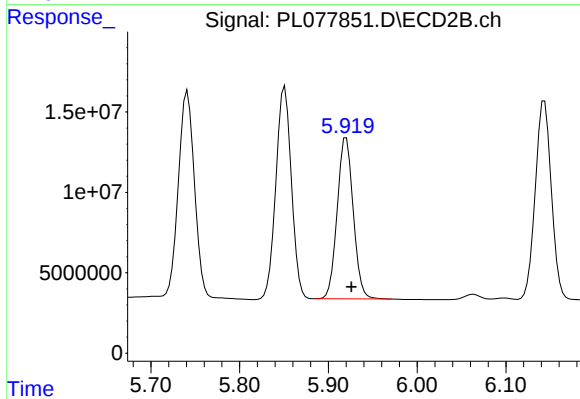
#17 4,4'-DDT

R.T.: 5.850 min
Delta R.T.: -0.007 min
Response: 162215686
Conc: 61.57 ng/ml m



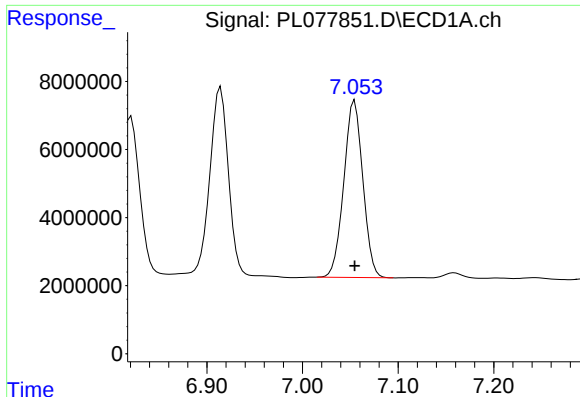
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 62531672
Conc: 59.13 ng/ml



#18 Endrin aldehyde

R.T.: 5.920 min
Delta R.T.: -0.006 min
Response: 125844982
Conc: 60.98 ng/ml



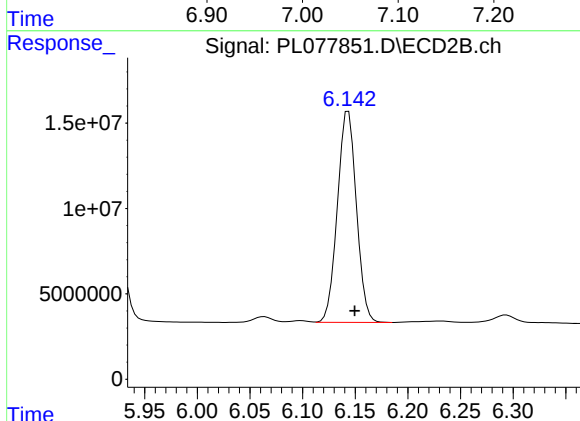
#19 Endosulfan Sulfate

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 72165033
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

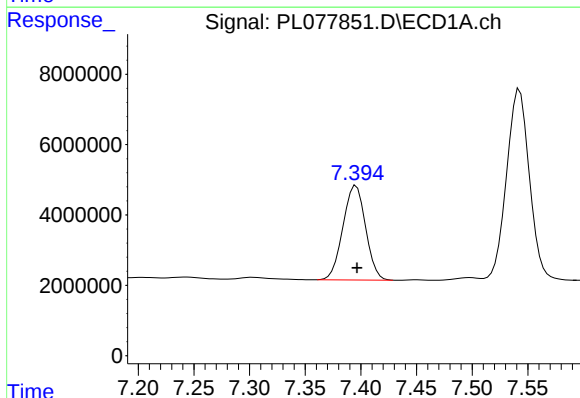
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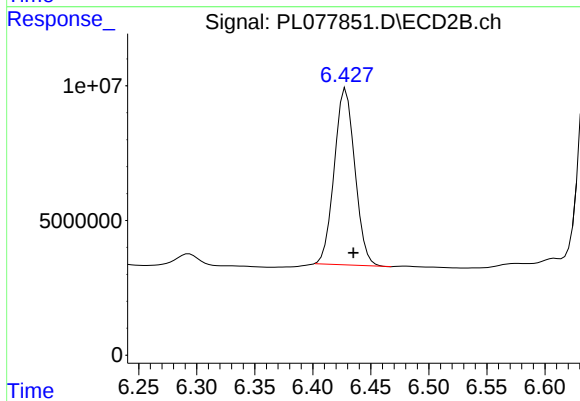
#19 Endosulfan Sulfate

R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 155946470
Conc: 57.99 ng/ml



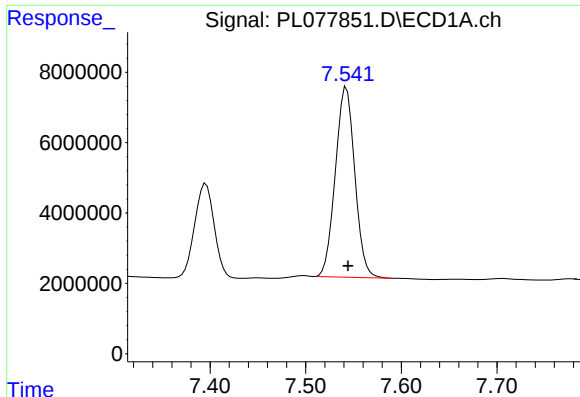
#20 Methoxychlor

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 38051167
Conc: 57.61 ng/ml



#20 Methoxychlor

R.T.: 6.428 min
Delta R.T.: -0.006 min
Response: 80857852
Conc: 59.05 ng/ml



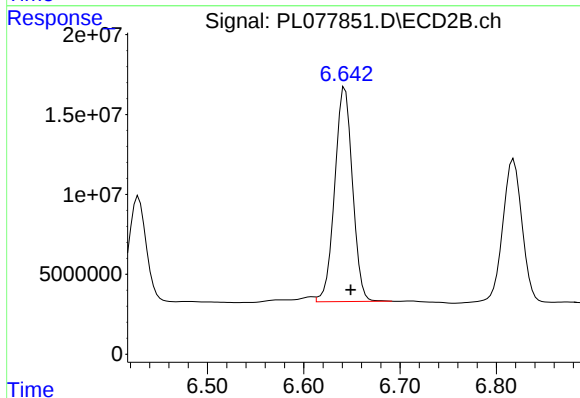
#21 Endrin ketone

R.T.: 7.543 min
Delta R.T.: -0.002 min
Response: 76381011
Conc: 55.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

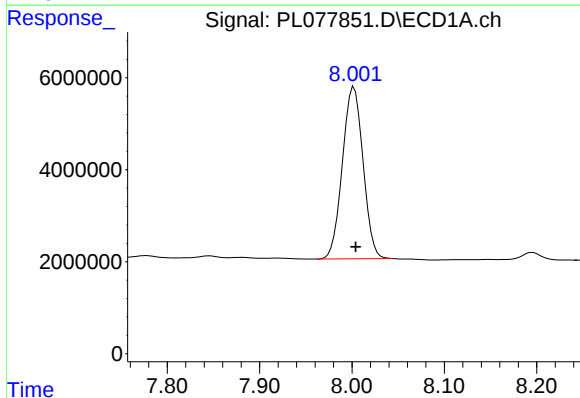
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/21/2022
Supervised By :Ankita Jodhani 09/21/2022



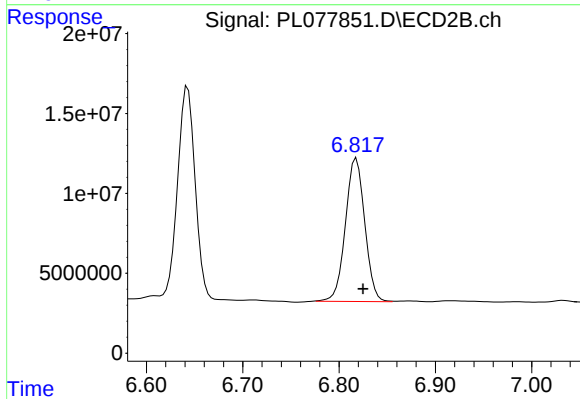
#21 Endrin ketone

R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 172265774
Conc: 56.88 ng/ml



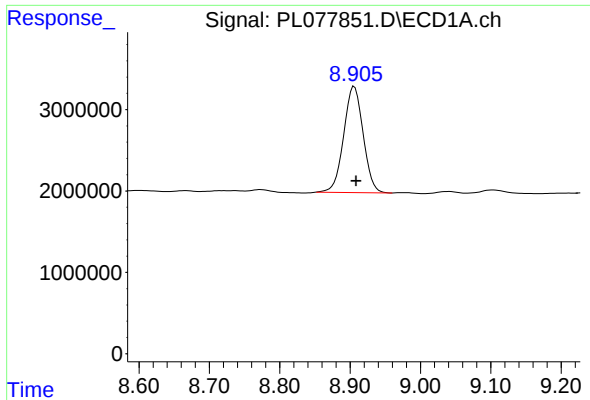
#22 Mirex

R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 58119340
Conc: 55.35 ng/ml



#22 Mirex

R.T.: 6.817 min
Delta R.T.: -0.008 min
Response: 124338004
Conc: 57.84 ng/ml m



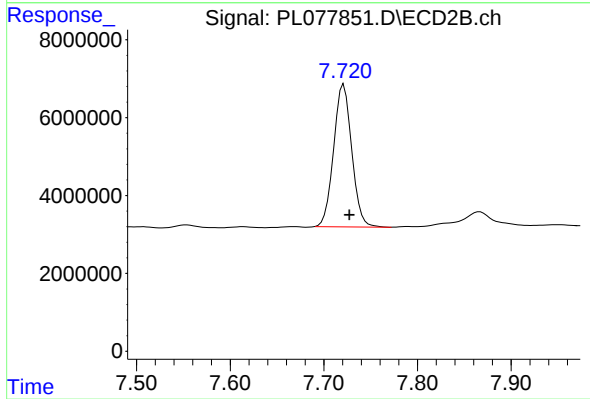
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.003 min
Response: 25118406
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147566BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 49188098
Conc: 19.60 ng/ml