

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 12:17
 Operator : AR\AJ
 Sample : 02811-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11995MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:08:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.324	2.637	23085352	25674082	8.642	11.082 #
28) SA Decachlor...	8.737	7.748	27222837	31123682	14.260	13.636
Target Compounds						
2) A alpha-BHC	3.773	3.135	100.5E6	84669118	25.252	24.877
3) MA gamma-BHC...	4.101	3.463	103.0E6	94922284	27.538	29.522
4) MA Heptachlor	4.679	3.794	93614017	88453323	25.620	25.839
5) MB Aldrin	5.016	4.070	87256282	100.7E6	26.461	31.976
6) B beta-BHC	4.305	3.765	39520447	46514454	23.172m	34.091 #
7) B delta-BHC	4.546	3.989	110.4E6	72151471	30.682	23.522
8) B Heptachlo...	5.441	4.572	77173581	69762960	25.300	24.216
9) A Endosulfan I	5.822	4.939	70914662	72676257	25.576	27.225
10) B gamma-Chl...	5.696	4.821	115.2E6	90830556	38.299	31.301
11) B alpha-Chl...	5.774	4.883	98859043	81035629	33.123	27.916
12) B 4,4'-DDE	5.953	5.074	82942581	65473735	32.628	28.480
13) MA Dieldrin	6.096	5.201	72729164	90046628	26.359	33.346m#
14) MA Endrin	6.324	5.476	80295136	75793730	33.117	30.987m
15) B Endosulfa...	6.543	5.772	77605755	75325386	31.877m	33.417m
16) A 4,4'-DDD	6.468	5.628	77547726	61179238	38.254	32.709
17) MA 4,4'-DDT	6.779	5.876	78529878	69249541	34.327	32.779
18) B Endrin al...	6.677	5.953	76190361	65397426	40.437	34.946
19) B Endosulfa...	6.909	6.174	72517292	85333408	30.578	36.246m
20) A Methoxychlor	7.258	6.455	26860200	32025866	22.011m	26.428m
21) B Endrin ke...	7.388	6.679	90632691	77852601	37.852	30.673m
22) Mirex	7.850	6.851	96442940	62023132	49.298	26.917m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
Data File : PL082788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2023 12:17
Operator : AR\AJ
Sample : 02811-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

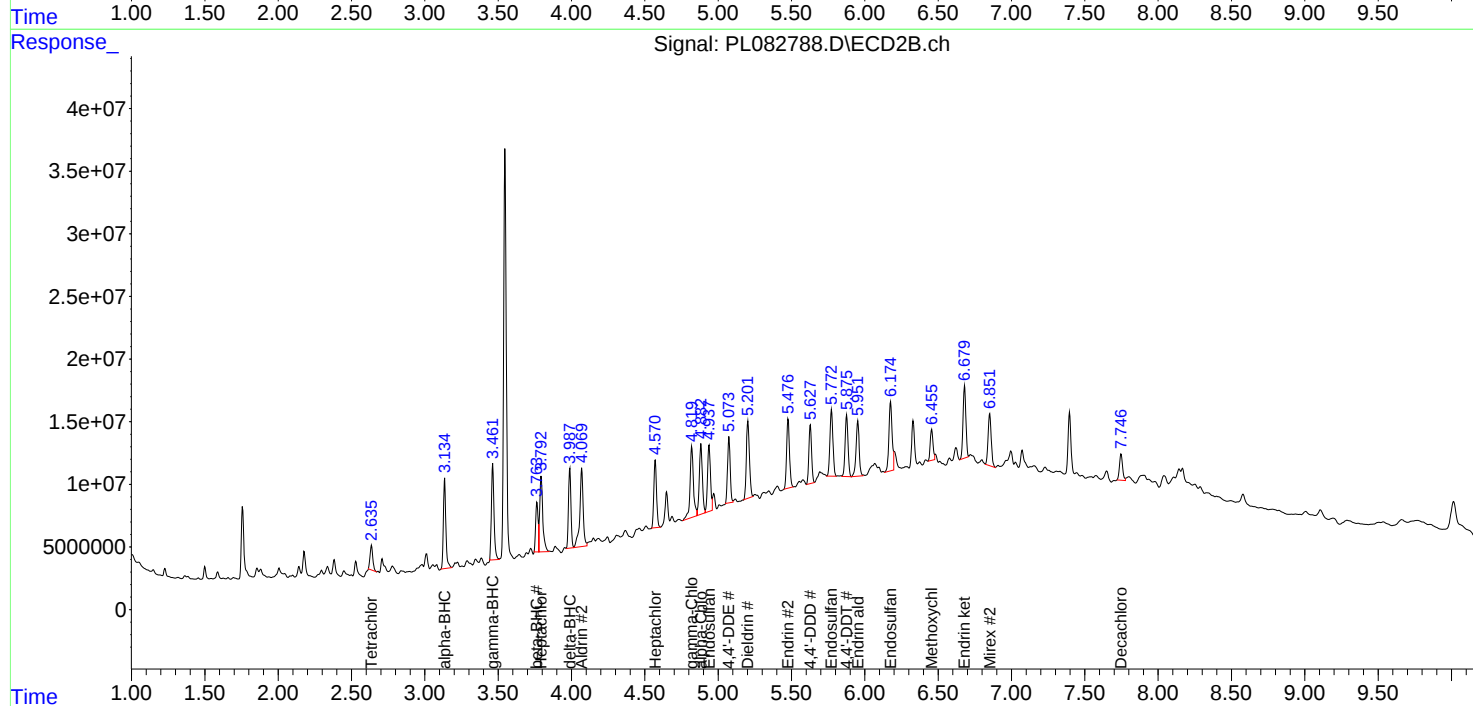
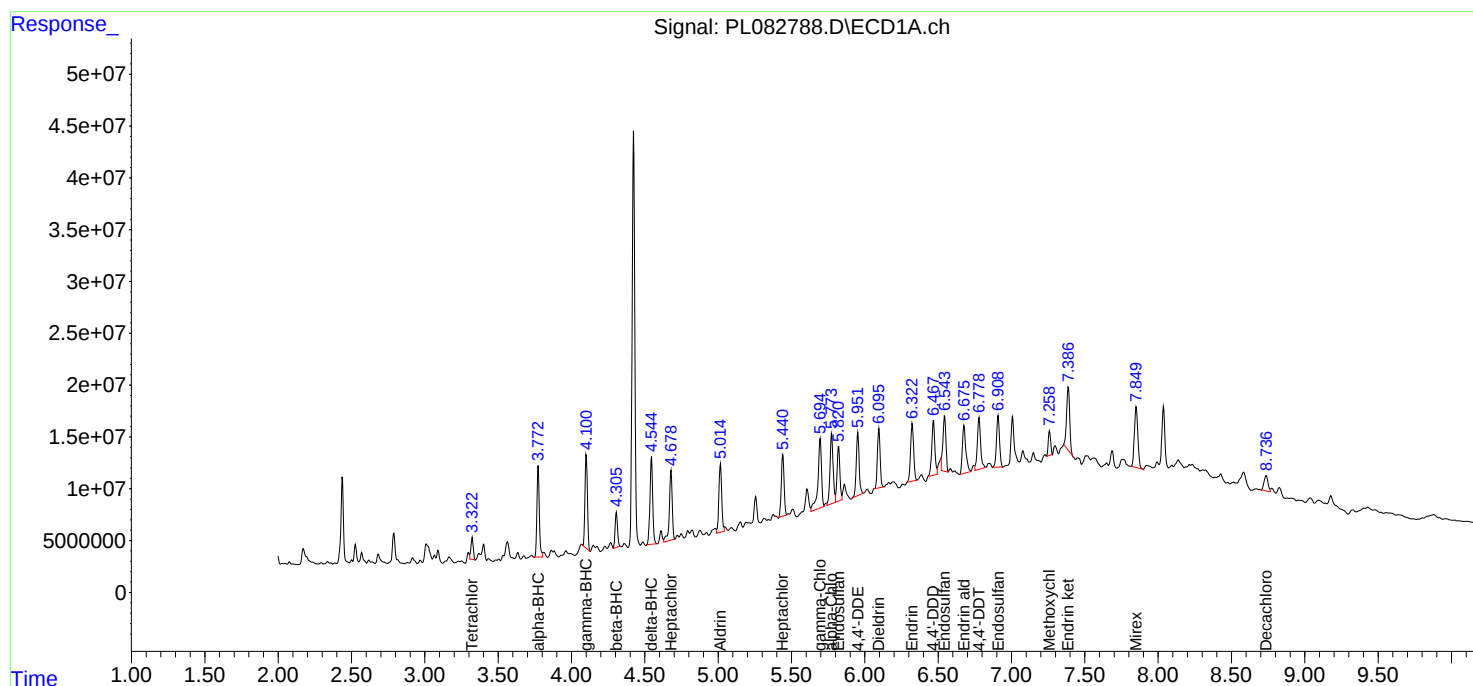
Instrument :
ECD_L
ClientSampleId :
72-11995MSD

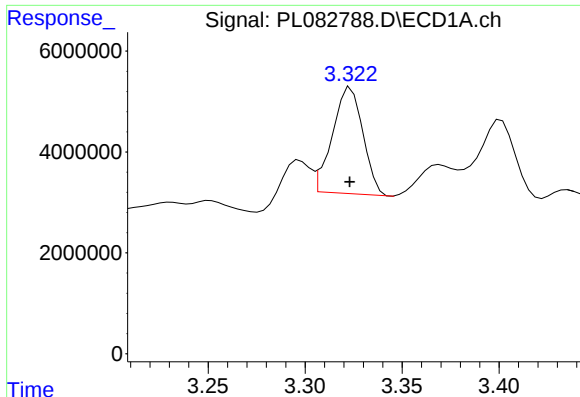
Manual Integrations
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Reviewed By : Abdul Mirza 05/19/2023
Supervised By : Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 21:08:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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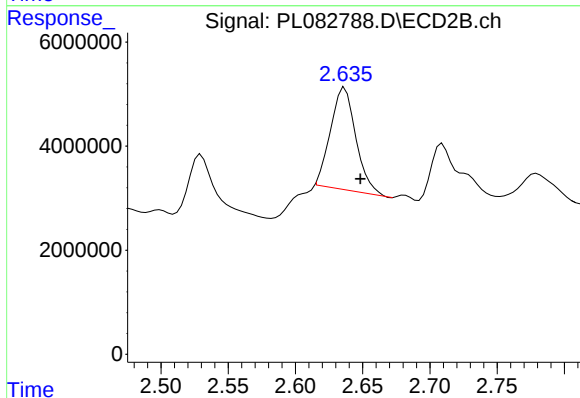
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 23085352
Conc: 8.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

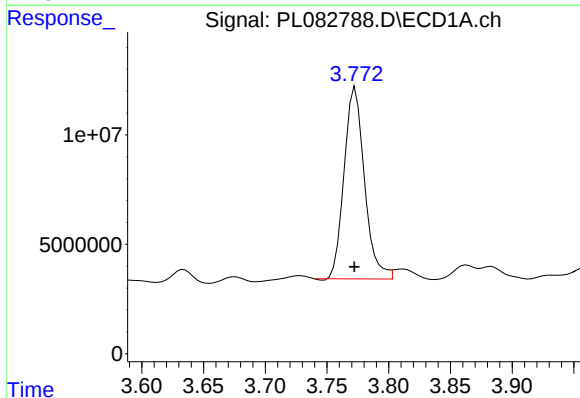
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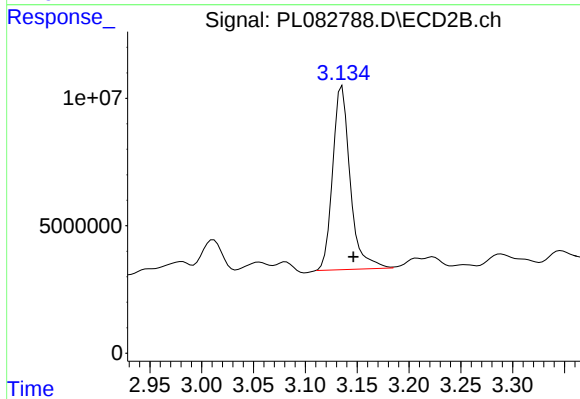
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.011 min
Response: 25674082
Conc: 11.08 ng/ml



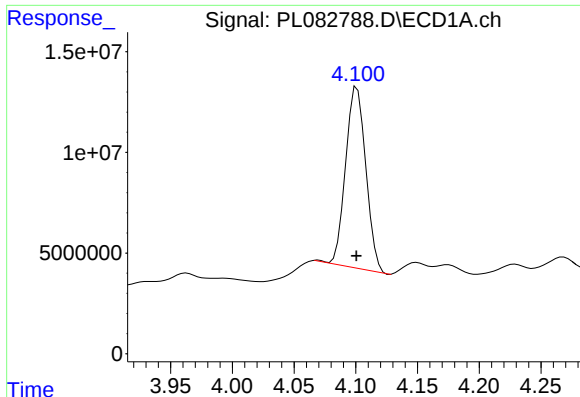
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 100509806
Conc: 25.25 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: -0.011 min
Response: 84669118
Conc: 24.88 ng/ml



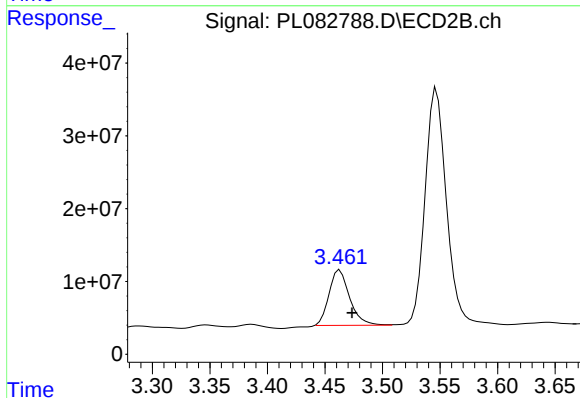
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 102962113
Conc: 27.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

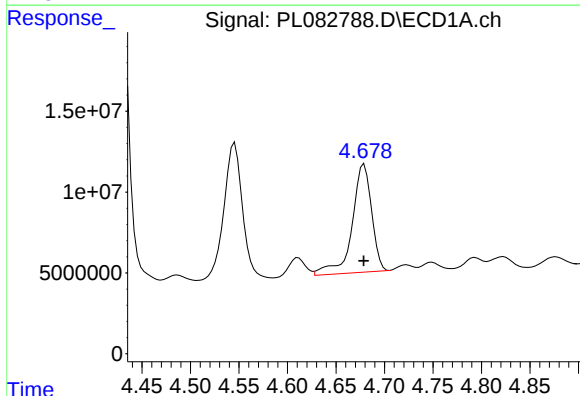
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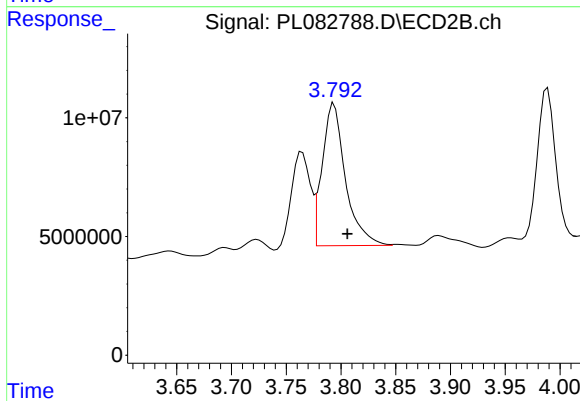
#3 gamma-BHC (Lindane)

R.T.: 3.463 min
Delta R.T.: -0.011 min
Response: 94922284
Conc: 29.52 ng/ml



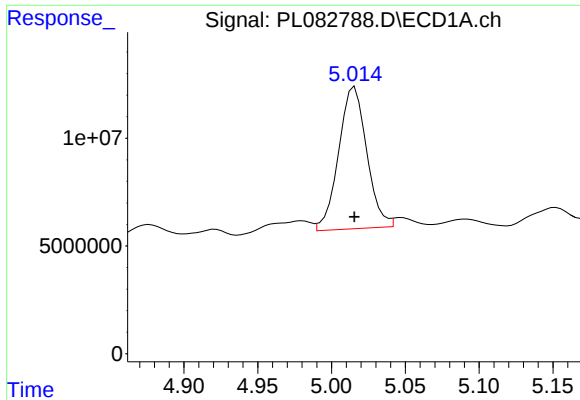
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 93614017
Conc: 25.62 ng/ml



#4 Heptachlor

R.T.: 3.794 min
Delta R.T.: -0.012 min
Response: 88453323
Conc: 25.84 ng/ml



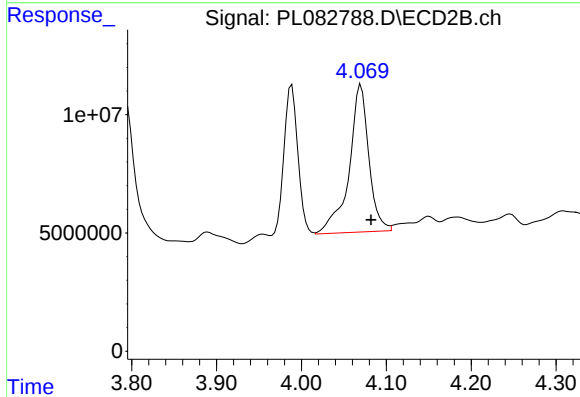
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 87256282
Conc: 26.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

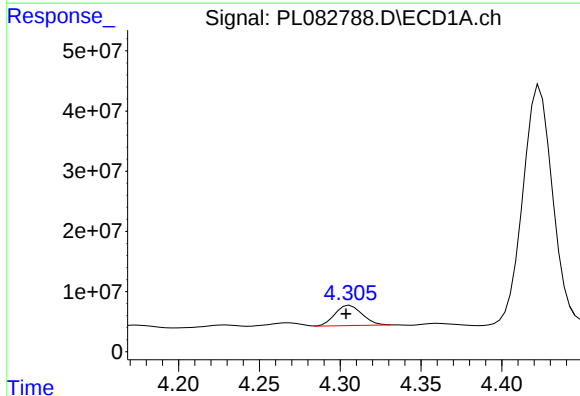
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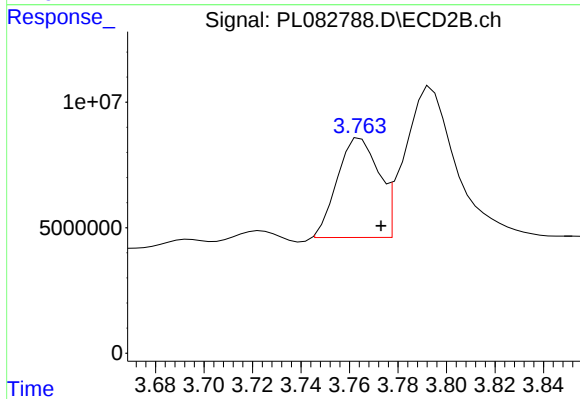
#5 Aldrin

R.T.: 4.070 min
Delta R.T.: -0.012 min
Response: 100719226
Conc: 31.98 ng/ml



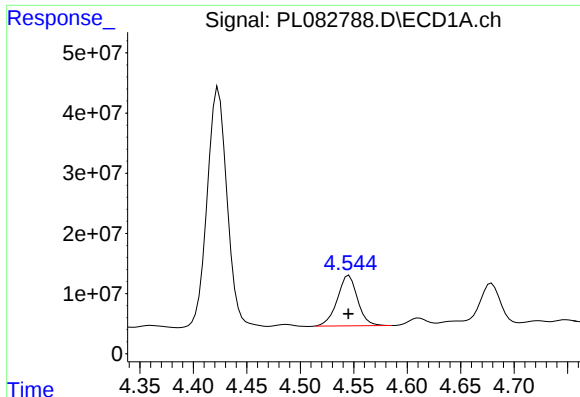
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 39520447
Conc: 23.17 ng/ml m



#6 beta-BHC

R.T.: 3.765 min
Delta R.T.: -0.008 min
Response: 46514454
Conc: 34.09 ng/ml



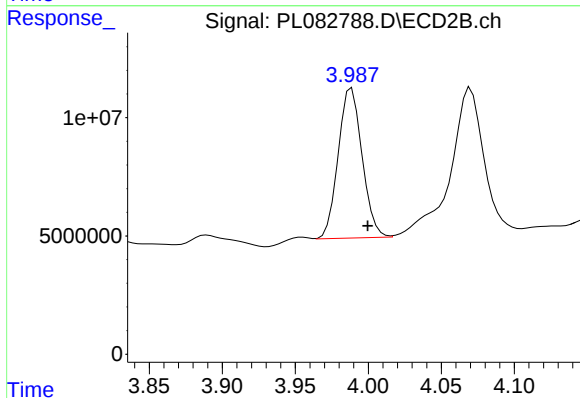
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 110387372
Conc: 30.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

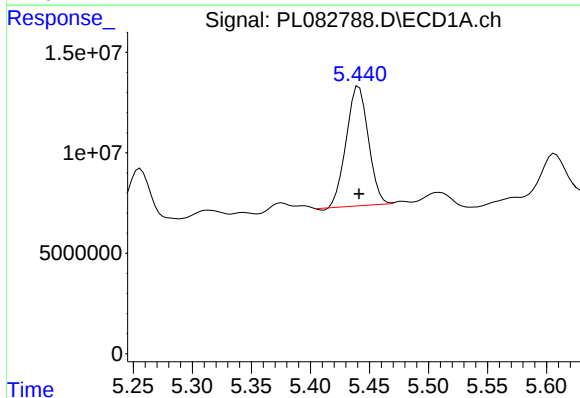
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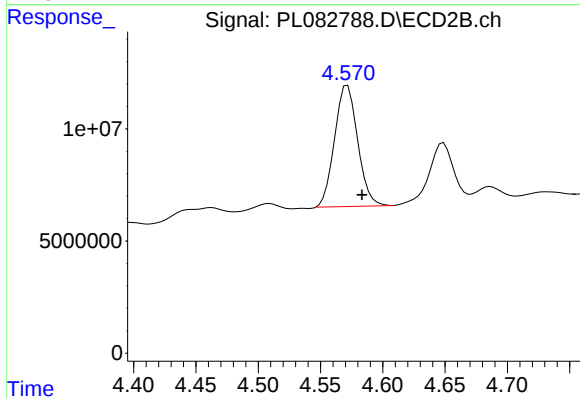
#7 delta-BHC

R.T.: 3.989 min
Delta R.T.: -0.011 min
Response: 72151471
Conc: 23.52 ng/ml



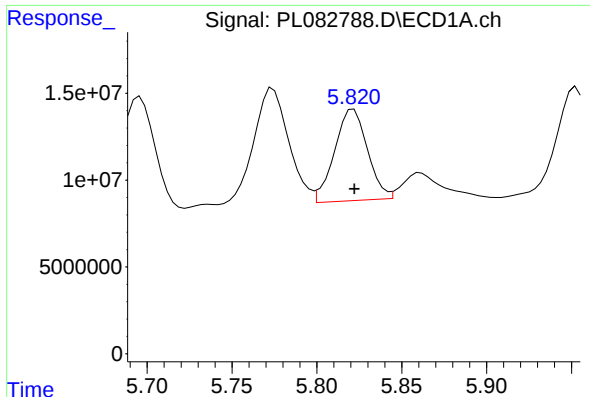
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 77173581
Conc: 25.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min
Delta R.T.: -0.012 min
Response: 69762960
Conc: 24.22 ng/ml



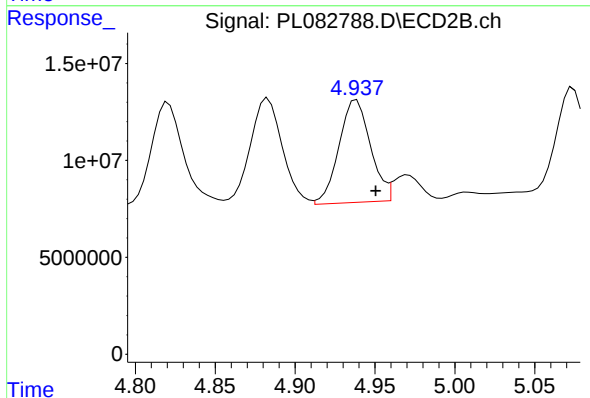
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 70914662
Conc: 25.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

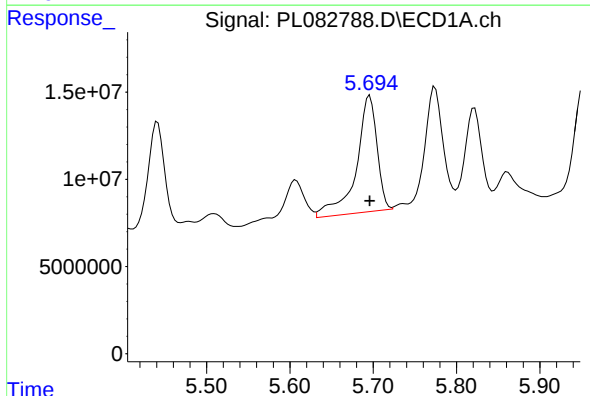
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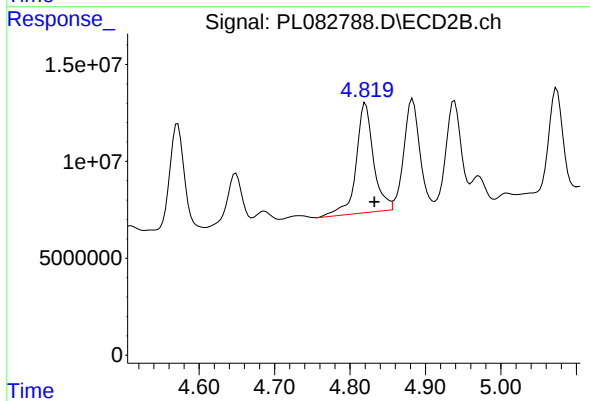
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: -0.012 min
Response: 72676257
Conc: 27.23 ng/ml



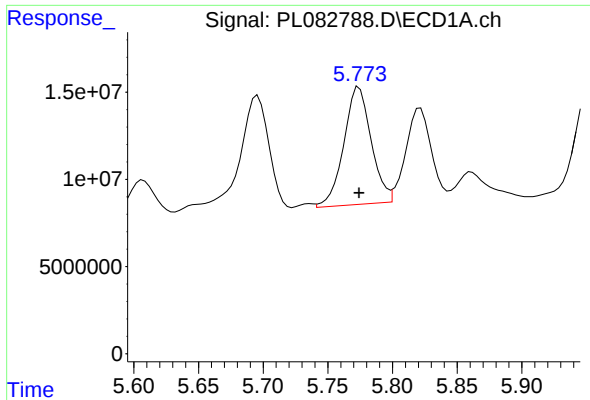
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 115158652
Conc: 38.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: -0.012 min
Response: 90830556
Conc: 31.30 ng/ml



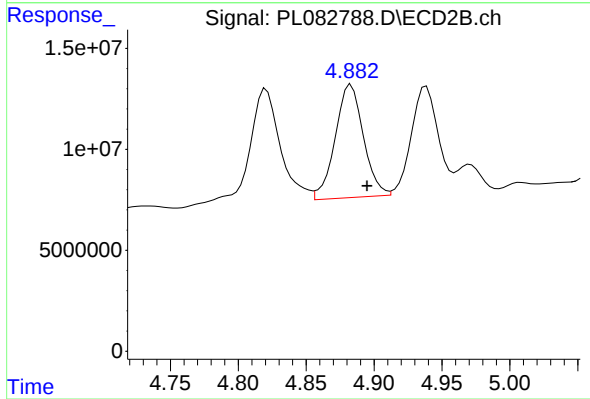
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 98859043
Conc: 33.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

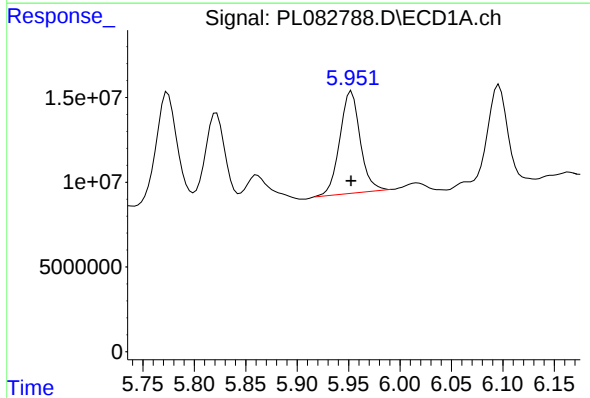
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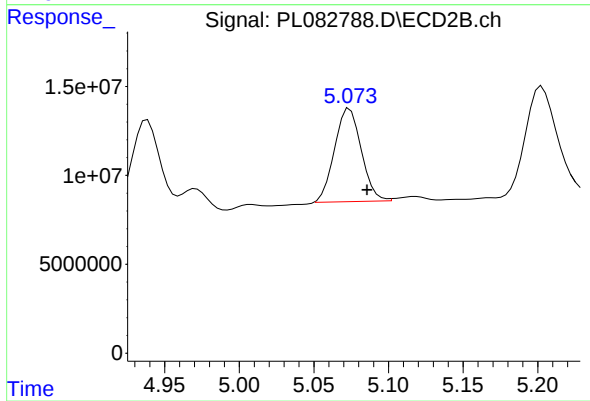
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: -0.012 min
Response: 81035629
Conc: 27.92 ng/ml



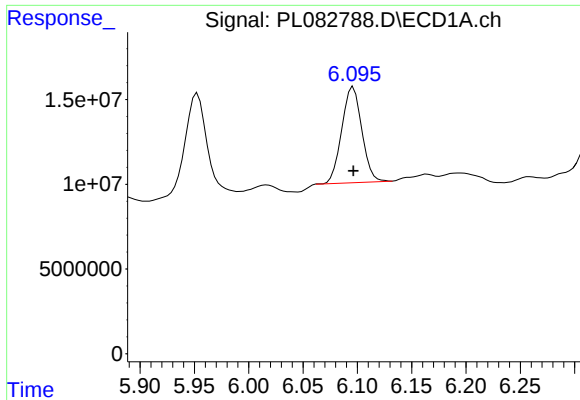
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 82942581
Conc: 32.63 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.012 min
Response: 65473735
Conc: 28.48 ng/ml



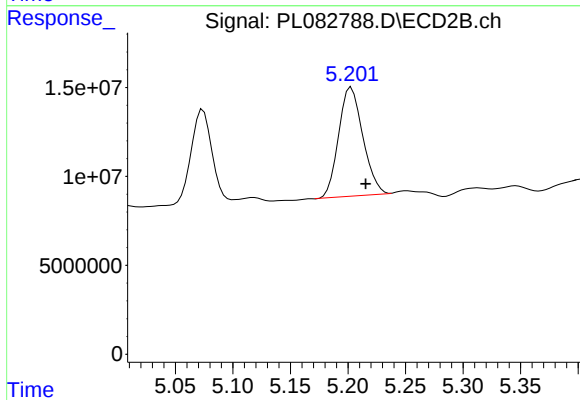
#13 Dieldrin

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 72729164
Conc: 26.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

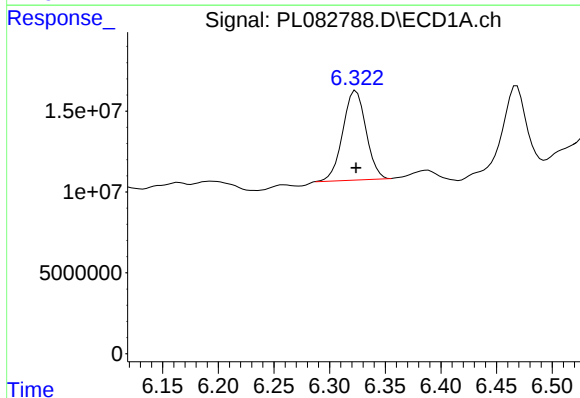
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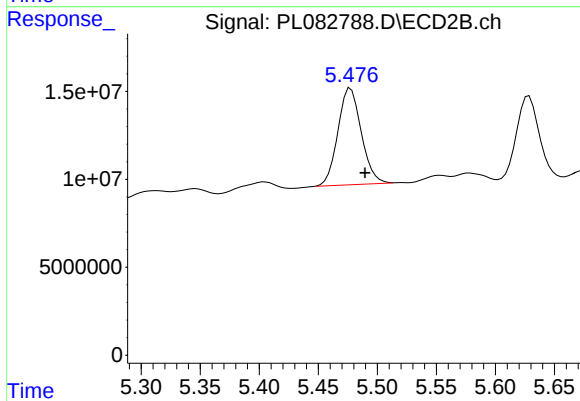
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 90046628
Conc: 33.35 ng/ml m



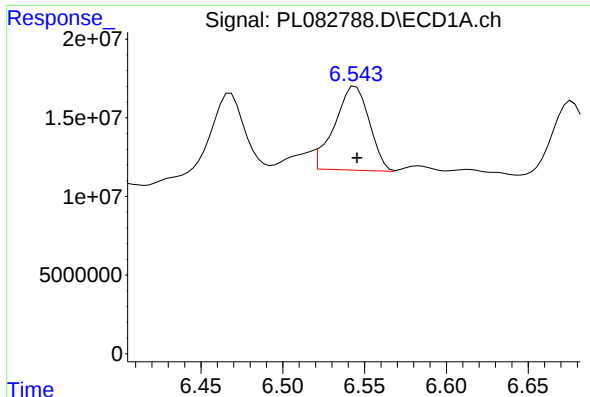
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 80295136
Conc: 33.12 ng/ml



#14 Endrin

R.T.: 5.476 min
Delta R.T.: -0.014 min
Response: 75793730
Conc: 30.99 ng/ml m



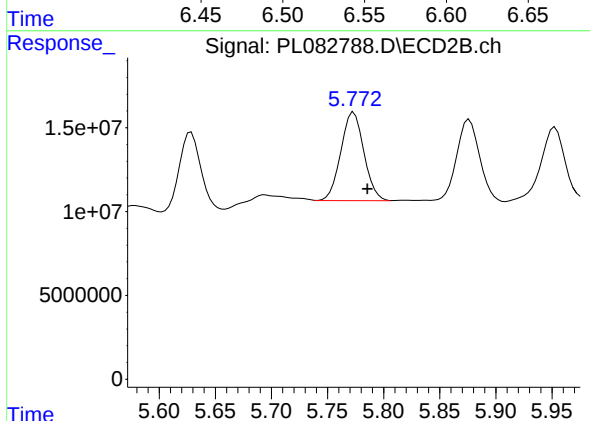
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 77605755
Conc: 31.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

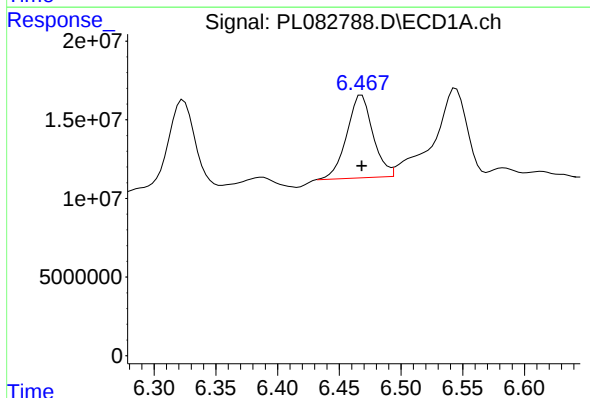
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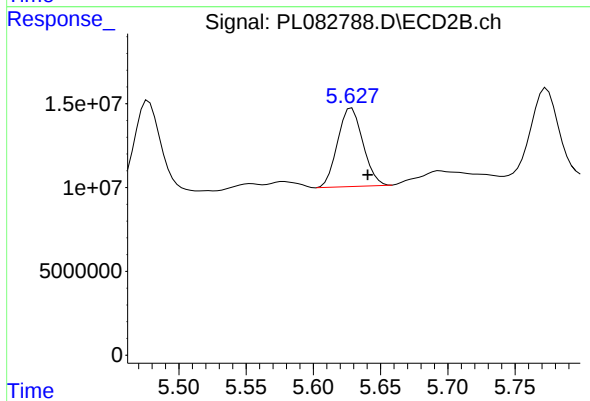
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: -0.014 min
Response: 75325386
Conc: 33.42 ng/ml m



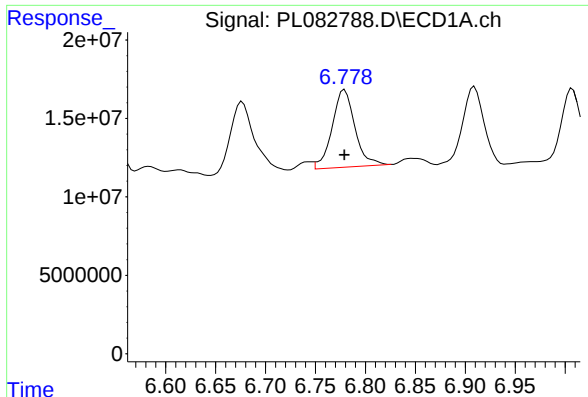
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 77547726
Conc: 38.25 ng/ml



#16 4,4'-DDD

R.T.: 5.628 min
Delta R.T.: -0.012 min
Response: 61179238
Conc: 32.71 ng/ml



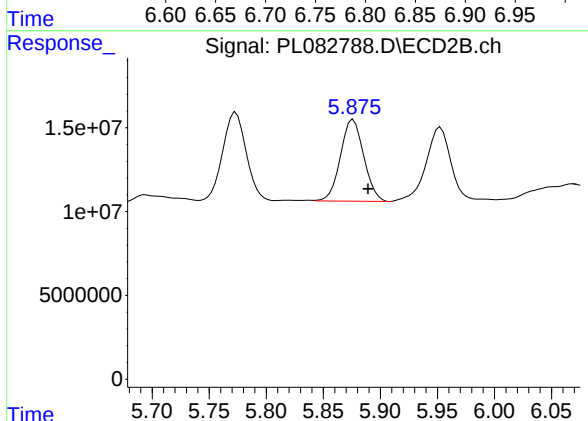
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 78529878
Conc: 34.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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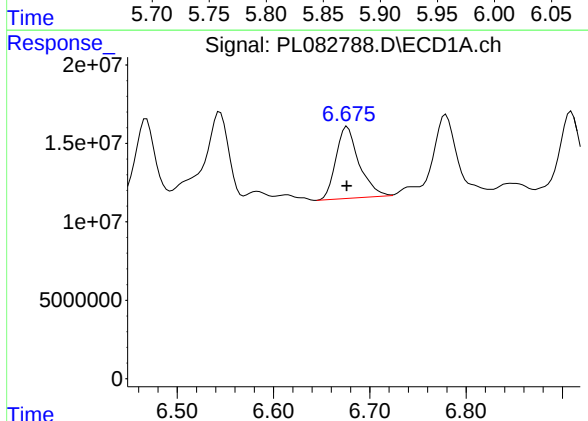
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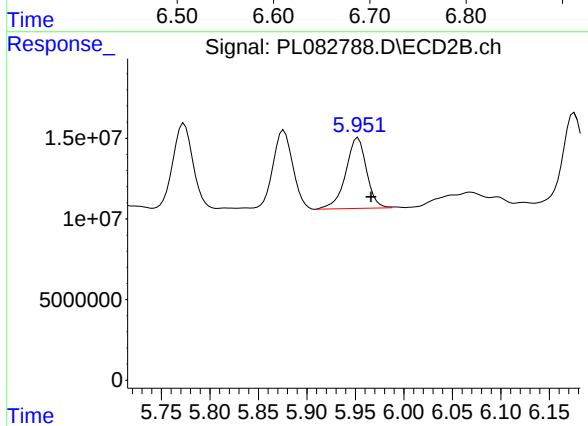
#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: -0.013 min
Response: 69249541
Conc: 32.78 ng/ml



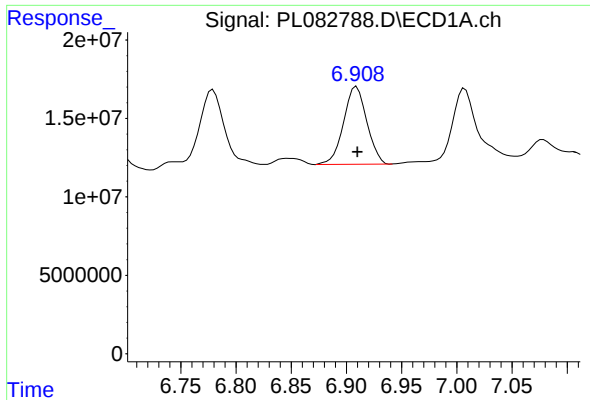
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 76190361
Conc: 40.44 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: -0.014 min
Response: 65397426
Conc: 34.95 ng/ml



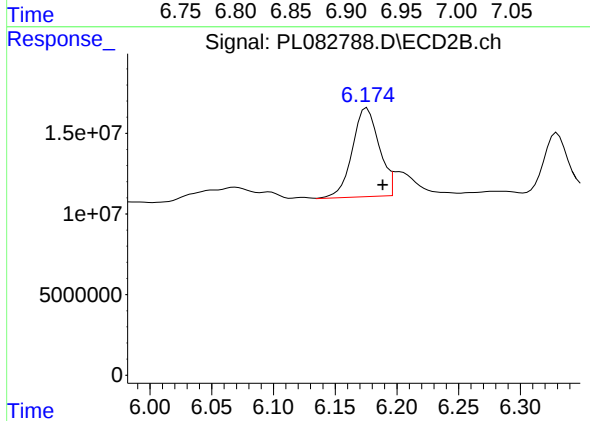
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 72517292
Conc: 30.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
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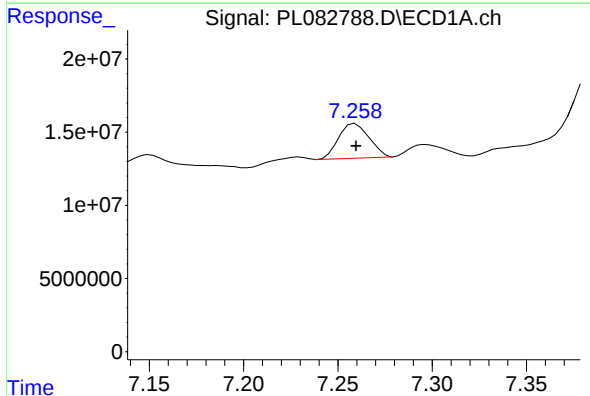
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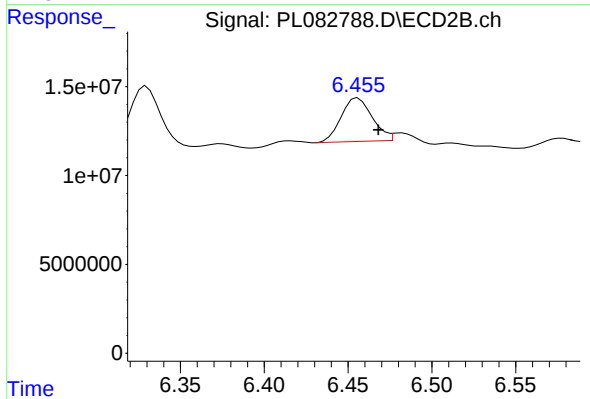
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.014 min
Response: 85333408
Conc: 36.25 ng/ml m



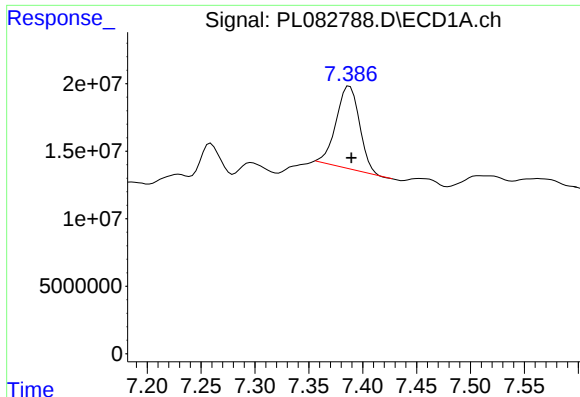
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 26860200
Conc: 22.01 ng/ml m



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.014 min
Response: 32025866
Conc: 26.43 ng/ml m



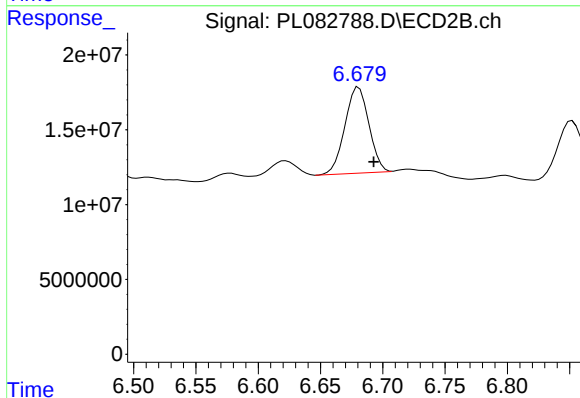
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 90632691
Conc: 37.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

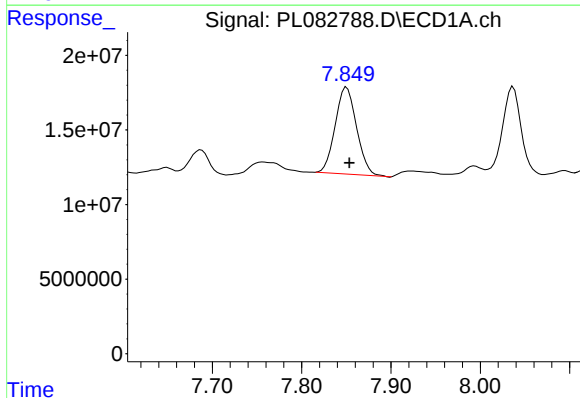
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



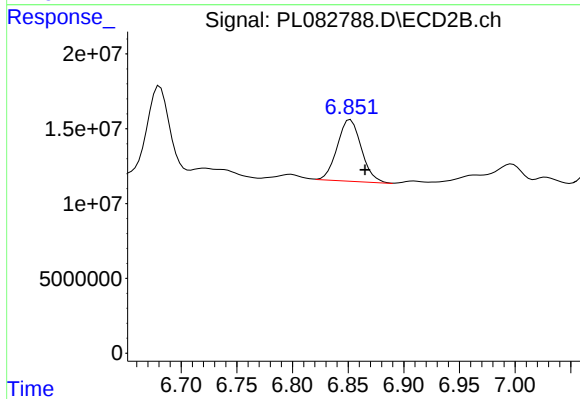
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: -0.014 min
Response: 77852601
Conc: 30.67 ng/ml m



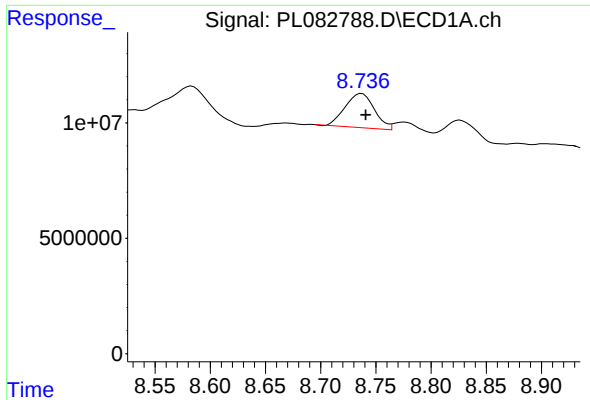
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 96442940
Conc: 49.30 ng/ml



#22 Mirex

R.T.: 6.851 min
Delta R.T.: -0.014 min
Response: 62023132
Conc: 26.92 ng/ml m



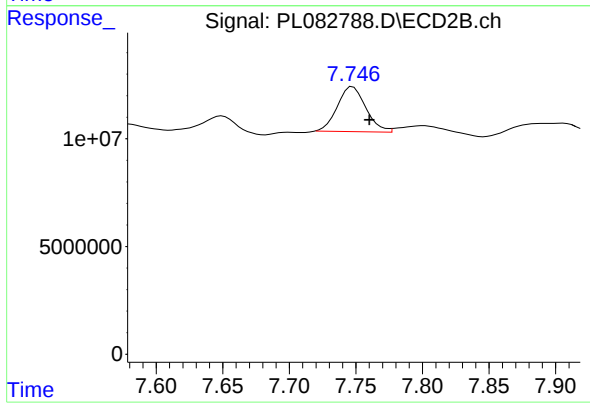
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.004 min
Response: 27222837
Conc: 14.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 31123682
Conc: 13.64 ng/ml