

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110322\
 Data File : PL078787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2022 17:03
 Operator : AR\AJ
 Sample : PB148782BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148782BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/04/2022
 Supervised By : Ankita Jodhani 11/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 03:20:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.322	2.569	32648663	46746278	17.120	18.309
28)	SA Decachlor...	8.768	7.635	23440240	32010626	15.582	16.900
Target Compounds							
2)	A alpha-BHC	3.782	3.055	136.5E6	192.1E6	47.525	48.651
3)	MA gamma-BHC...	4.115	3.376	125.5E6	177.9E6	46.971	49.486
4)	MA Heptachlor	4.685	3.703	127.0E6	173.3E6	48.933	49.965
5)	MB Aldrin	5.023	3.975	118.2E6	180.6E6	47.729	51.573
6)	B beta-BHC	4.329	3.676	53453562	66993243	46.402	46.690
7)	B delta-BHC	4.570	3.896	100.2E6	176.2E6	44.024	48.392
8)	B Heptachlo...	5.457	4.471	104.7E6	156.6E6	49.321	51.957
9)	A Endosulfan I	5.840	4.834	97958596	138.4E6	45.913	48.339
10)	B gamma-Chl...	5.712	4.719	107.2E6	152.6E6	47.507	49.800
11)	B alpha-Chl...	5.788	4.781	106.2E6	147.9E6	45.898	49.629
12)	B 4,4'-DDE	5.971	4.976	92355360	138.6E6	46.146	50.921
13)	MA Dieldrin	6.119	5.095	101.1E6	149.6E6	46.892	50.487
14)	MA Endrin	6.348	5.366	86547592	134.4E6	45.604	51.593
15)	B Endosulfa...	6.578	5.662	80063139	120.2E6	42.674	52.826
16)	A 4,4'-DDD	6.495	5.525	72894027	111.1E6	43.727	50.582m
17)	MA 4,4'-DDT	6.805	5.771	78240678	114.5E6	43.653	52.771m
18)	B Endrin al...	6.709	5.840	66820456	93852022	45.923	50.007
19)	B Endosulfa...	6.942	6.063	81344218	116.5E6	44.210	48.920
20)	A Methoxychlor	7.290	6.350	42034626	59922801	45.646	52.805
21)	B Endrin ke...	7.428	6.559	81602962	128.8E6	43.374	49.842
22)	Mirex	7.885	6.732	64724187	93394210	44.337	47.457

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

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 Acq On : 03 Nov 2022 17:03
 Operator : AR\AJ
 Sample : PB148782BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

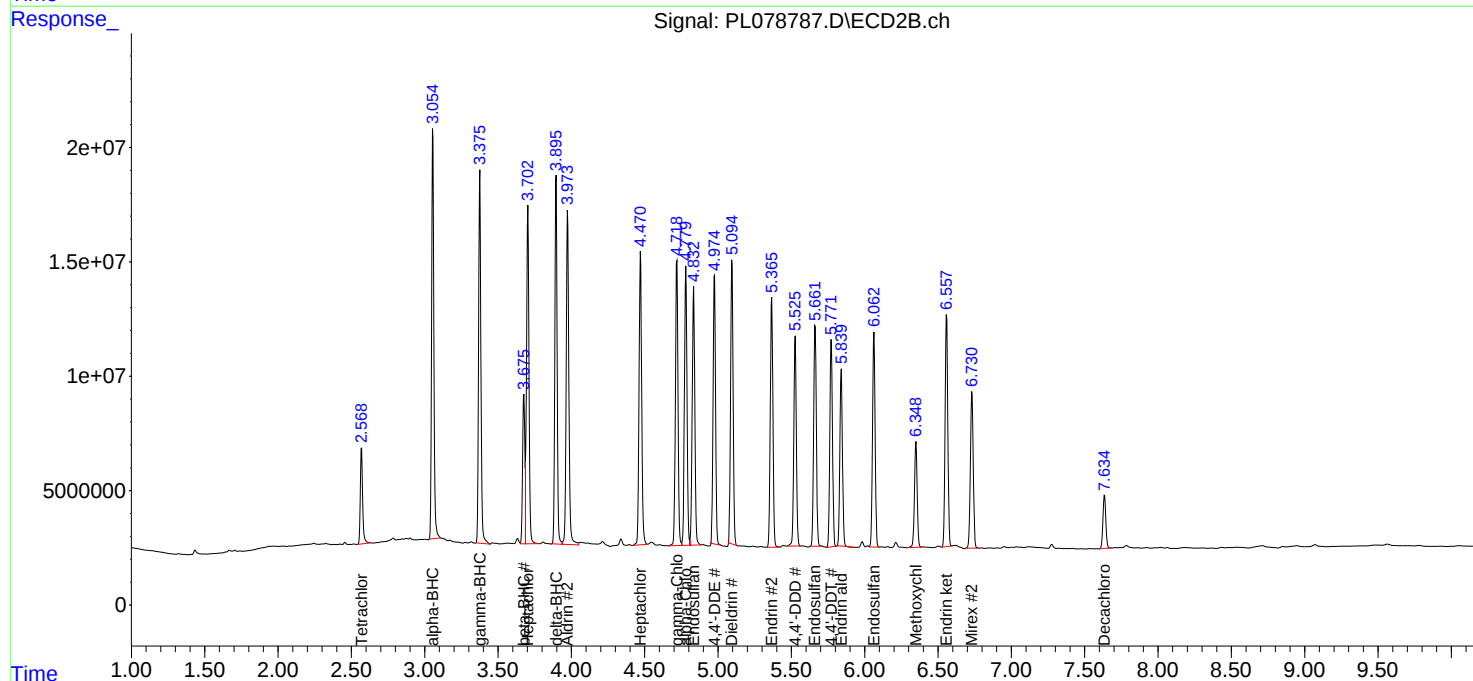
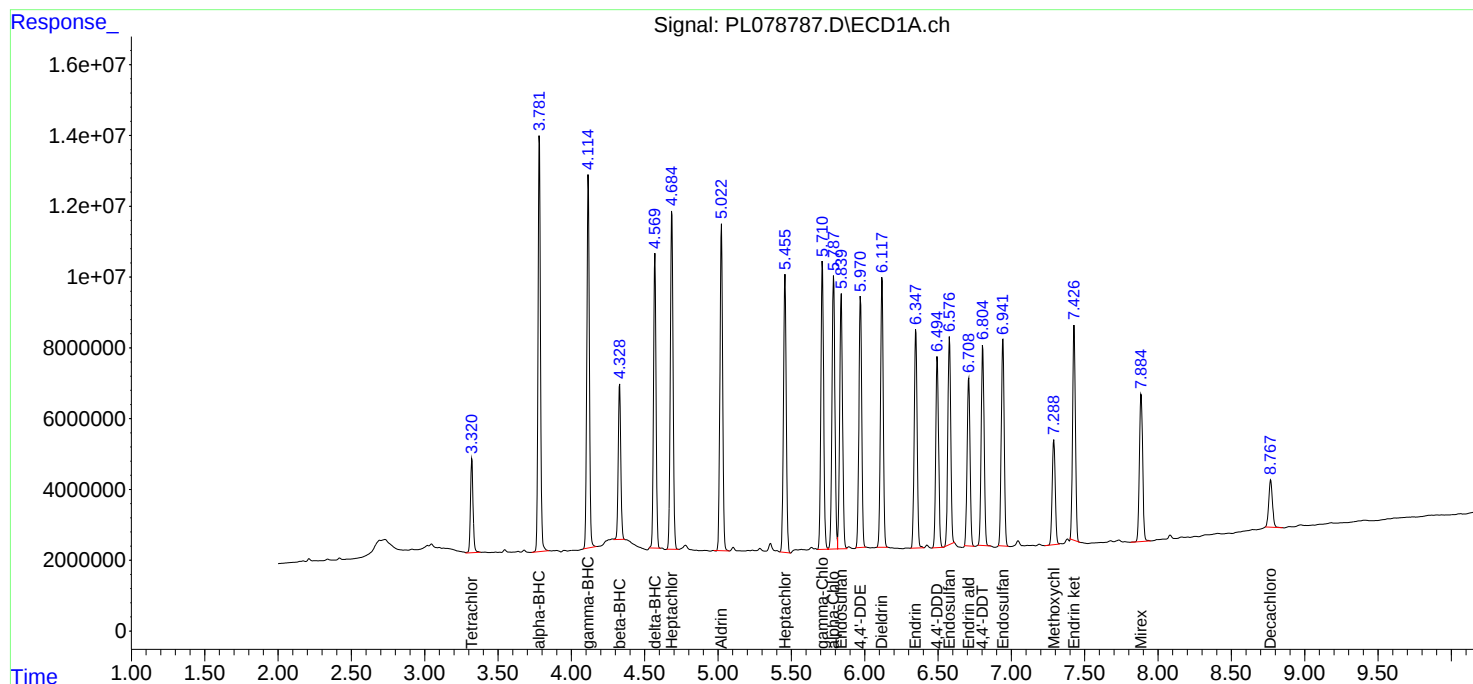
Instrument :
 ECD_L
 ClientSampleId :
 PB148782BSD

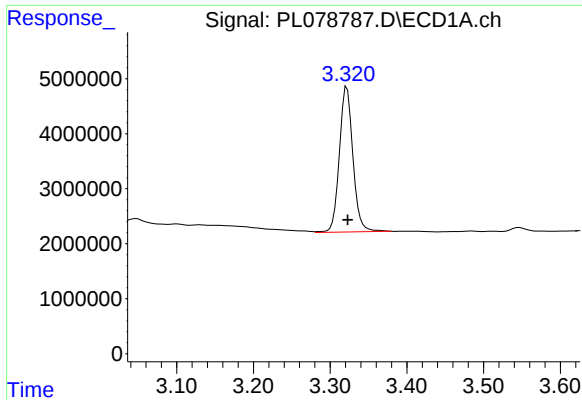
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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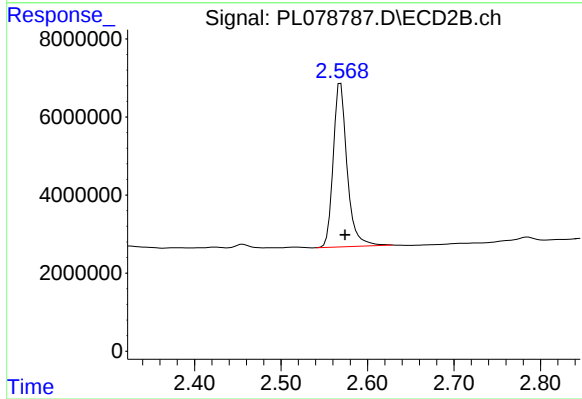
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 32648663
Conc: 17.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

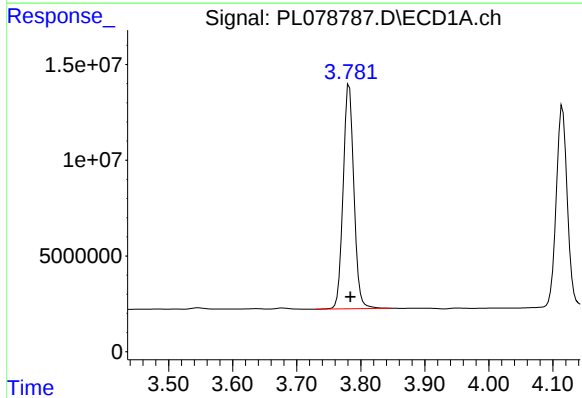
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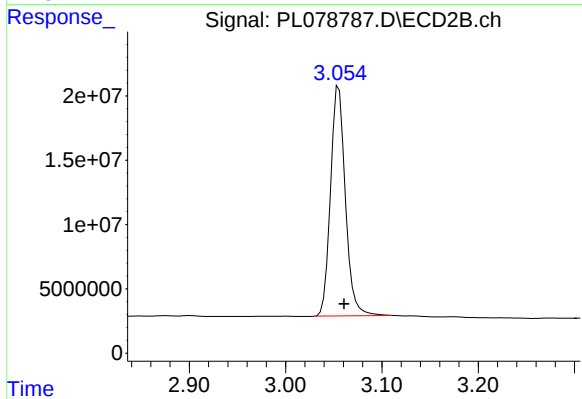
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 46746278
Conc: 18.31 ng/ml



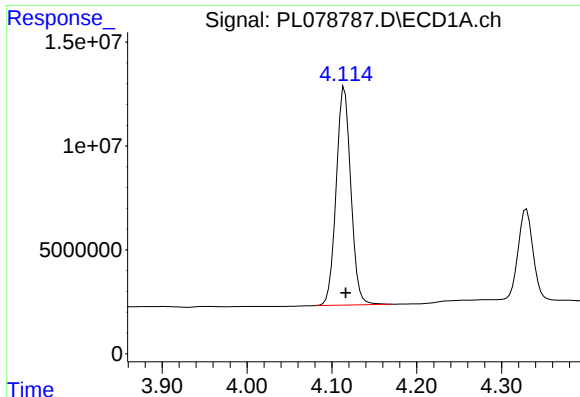
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 136462620
Conc: 47.53 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.005 min
Response: 192124904
Conc: 48.65 ng/ml



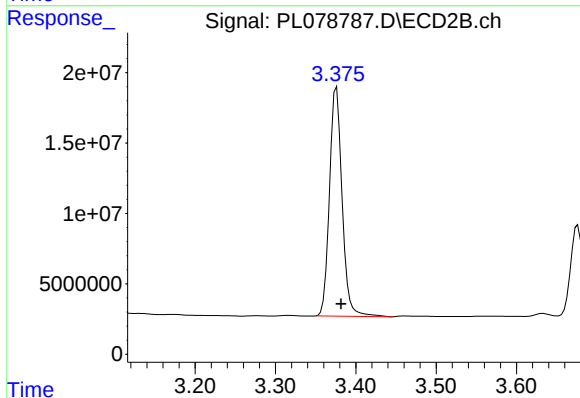
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: -0.001 min
Response: 125493102
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

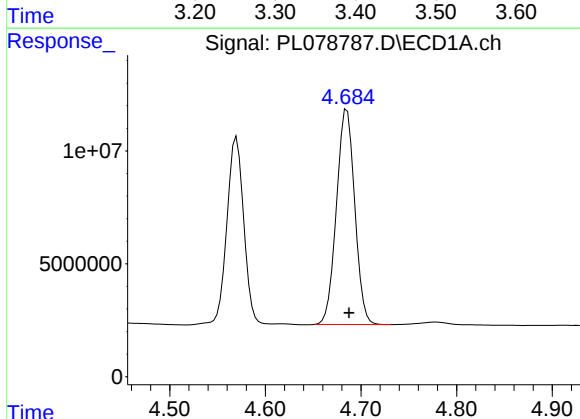
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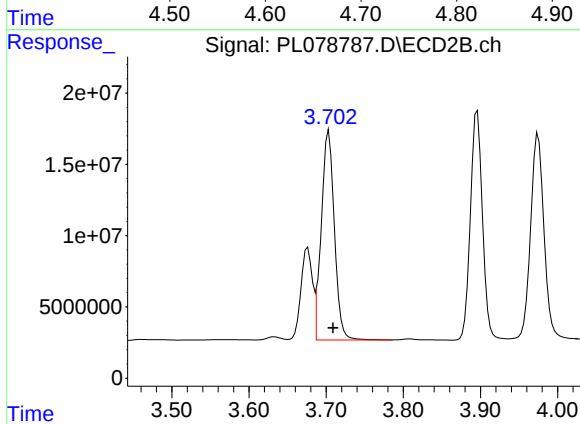
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 177861938
Conc: 49.49 ng/ml



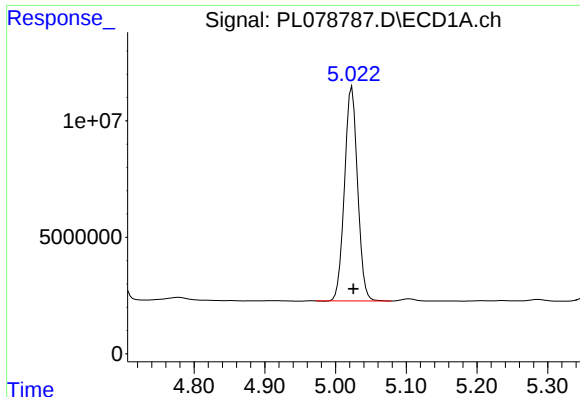
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 127030507
Conc: 48.93 ng/ml



#4 Heptachlor

R.T.: 3.703 min
Delta R.T.: -0.005 min
Response: 173268899
Conc: 49.96 ng/ml



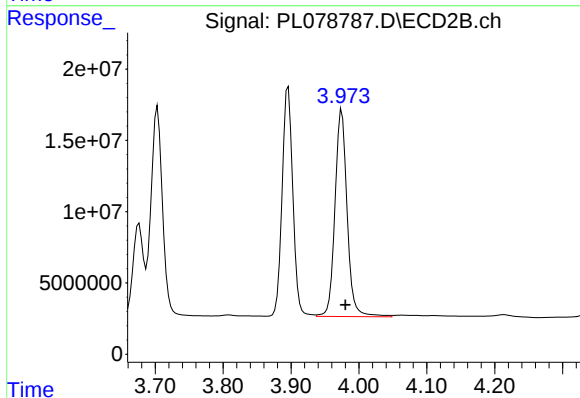
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 118211941
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

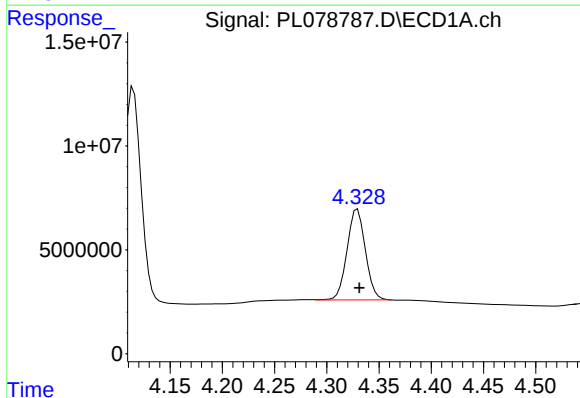
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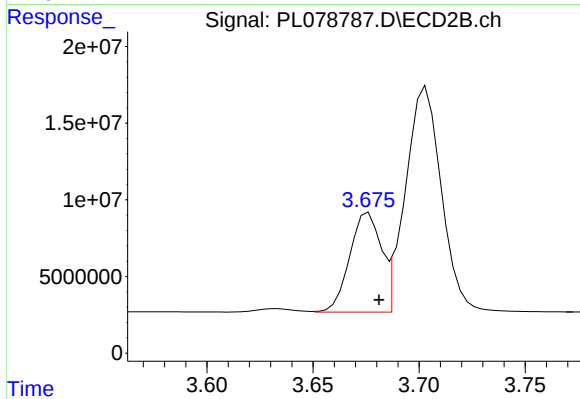
#5 Aldrin

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 180592767
Conc: 51.57 ng/ml



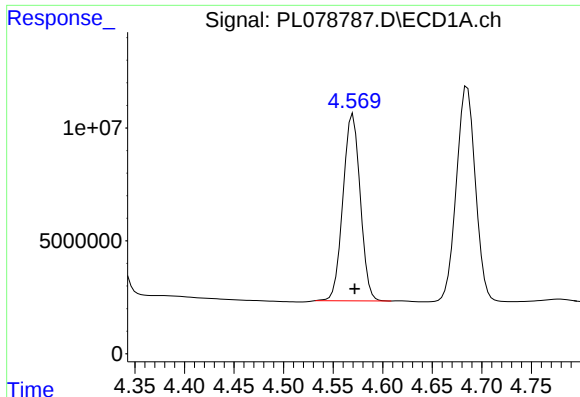
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 53453562
Conc: 46.40 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 66993243
Conc: 46.69 ng/ml



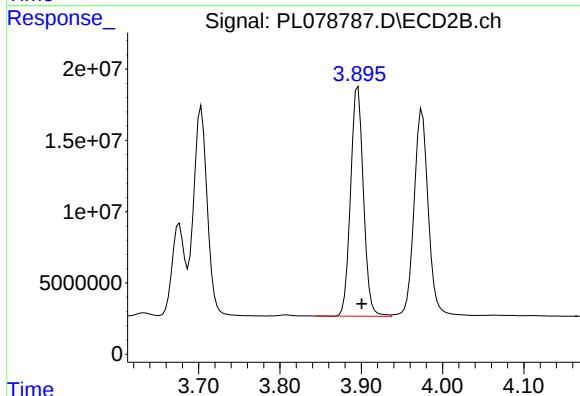
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 100237063
Conc: 44.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

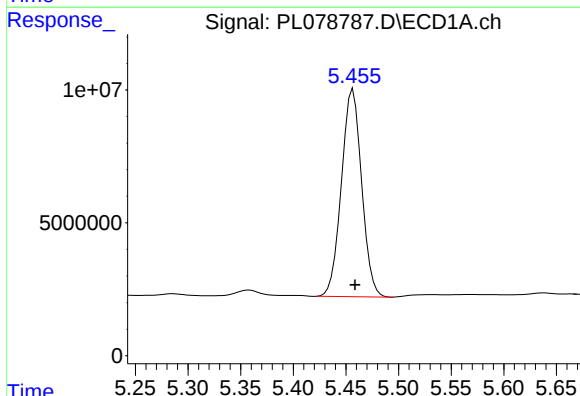
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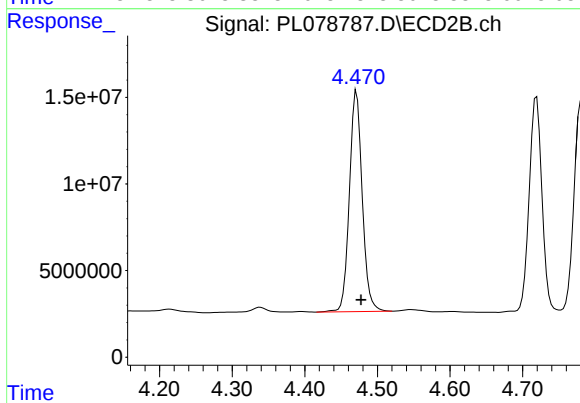
#7 delta-BHC

R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 176210001
Conc: 48.39 ng/ml



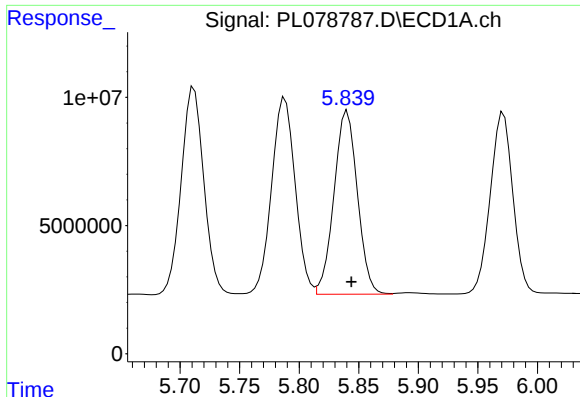
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.002 min
Response: 104709870
Conc: 49.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.471 min
Delta R.T.: -0.006 min
Response: 156556965
Conc: 51.96 ng/ml



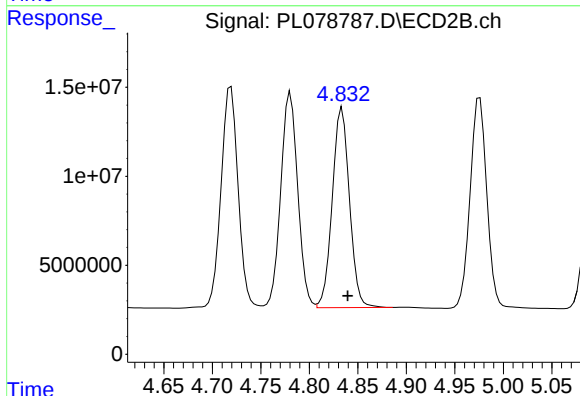
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 97958596
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

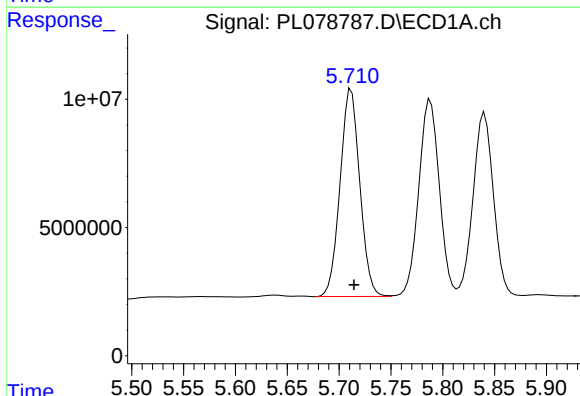
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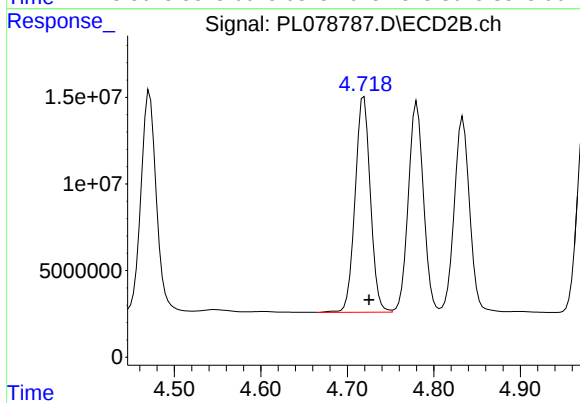
#9 Endosulfan I

R.T.: 4.834 min
Delta R.T.: -0.006 min
Response: 138377642
Conc: 48.34 ng/ml



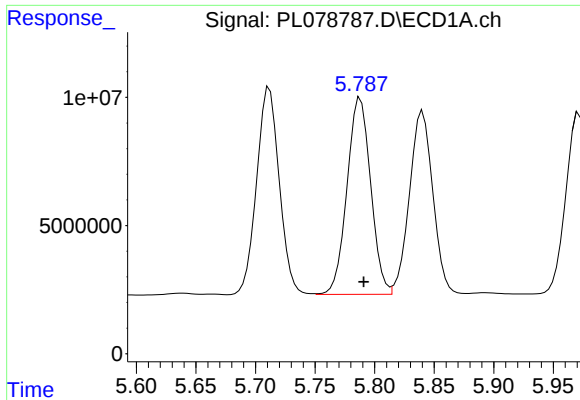
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 107229310
Conc: 47.51 ng/ml



#10 gamma-Chlordane

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 152608344
Conc: 49.80 ng/ml



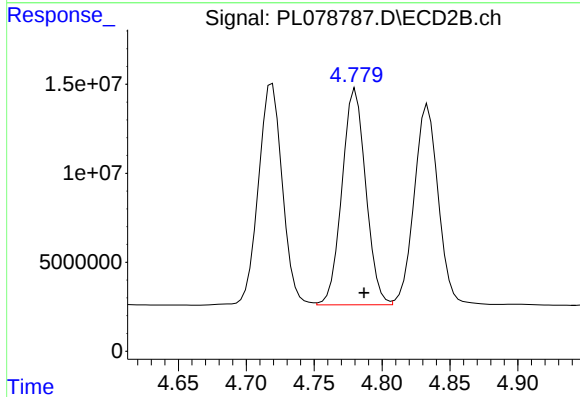
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 106199118
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

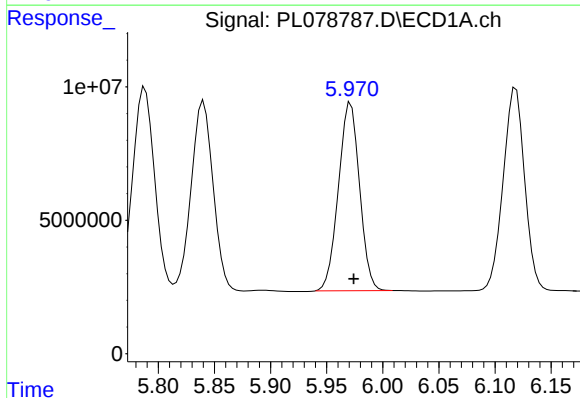
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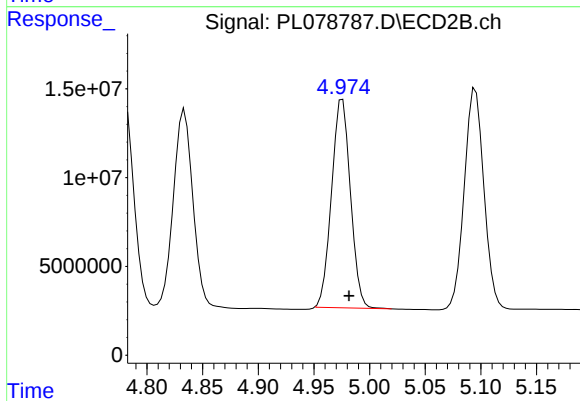
#11 alpha-Chlordane

R.T.: 4.781 min
Delta R.T.: -0.006 min
Response: 147912794
Conc: 49.63 ng/ml



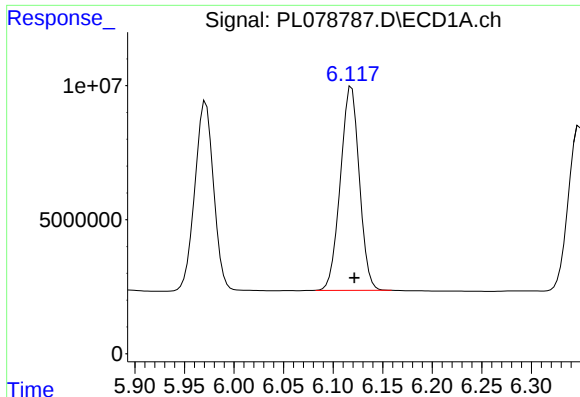
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 92355360
Conc: 46.15 ng/ml



#12 4,4'-DDE

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 138632589
Conc: 50.92 ng/ml



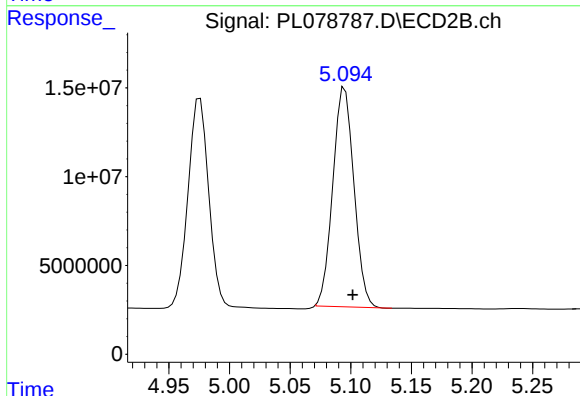
#13 Dieldrin

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 101123579
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

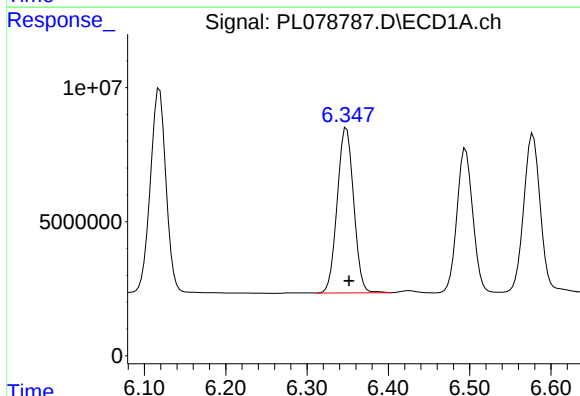
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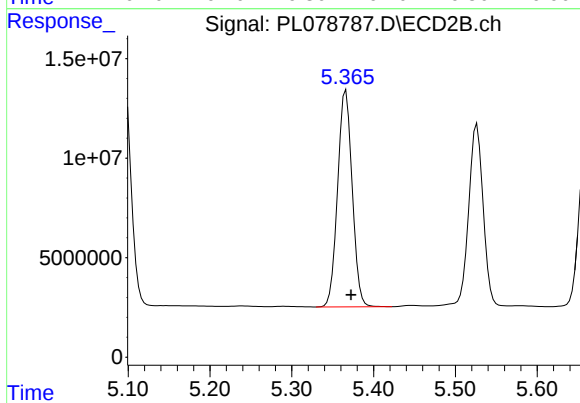
#13 Dieldrin

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 149598457
Conc: 50.49 ng/ml



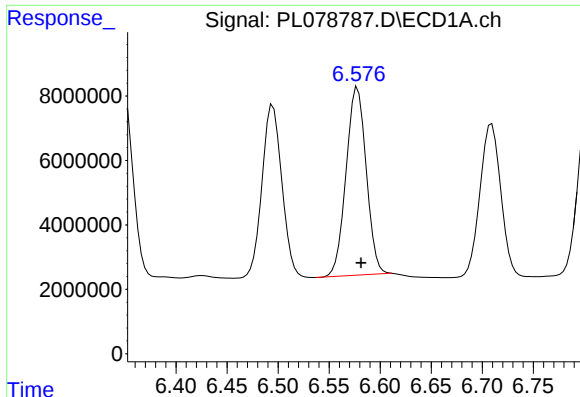
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 86547592
Conc: 45.60 ng/ml



#14 Endrin

R.T.: 5.366 min
Delta R.T.: -0.006 min
Response: 134411794
Conc: 51.59 ng/ml



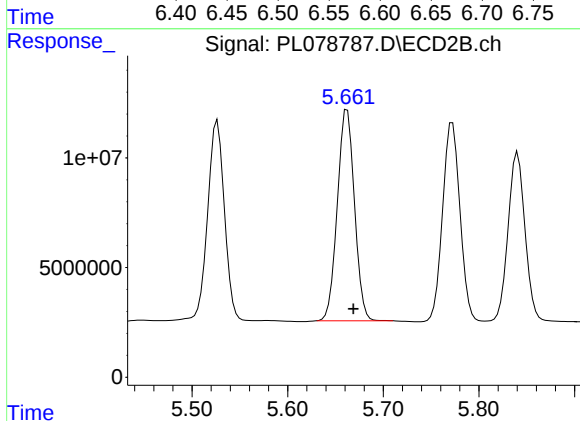
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 80063139
Conc: 42.67 ng/ml

Instrument :
ECD_L
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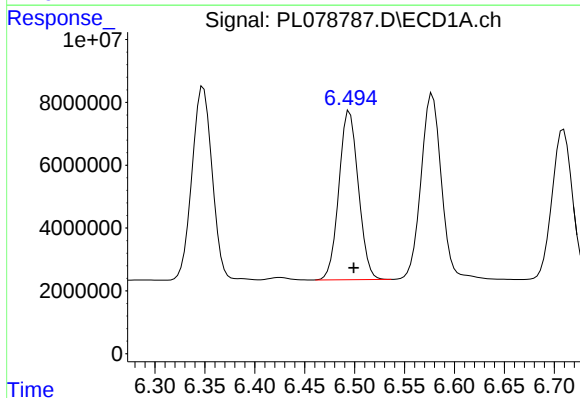
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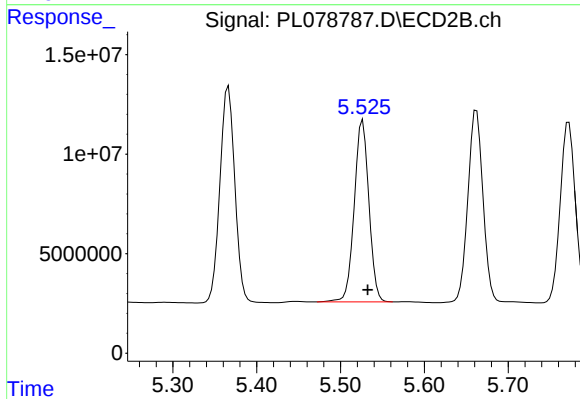
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: -0.006 min
Response: 120246650
Conc: 52.83 ng/ml



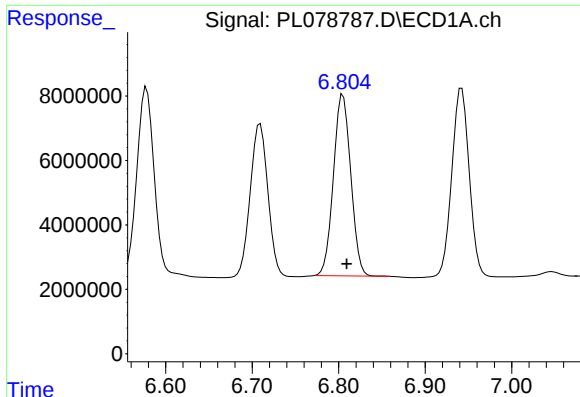
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 72894027
Conc: 43.73 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: -0.007 min
Response: 111097022
Conc: 50.58 ng/ml m



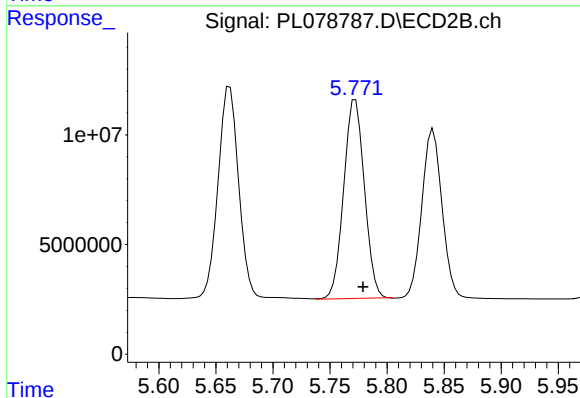
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 78240678
Conc: 43.65 ng/ml

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ECD_L
ClientSampleId :
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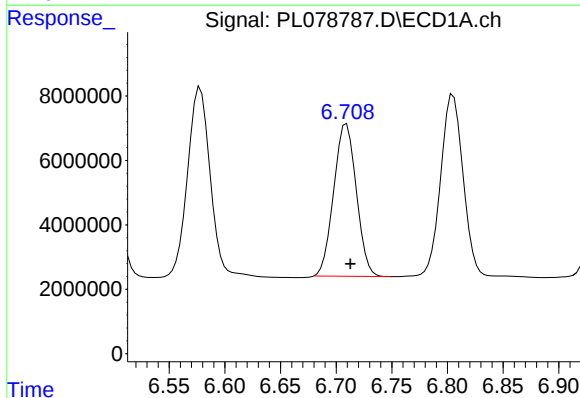
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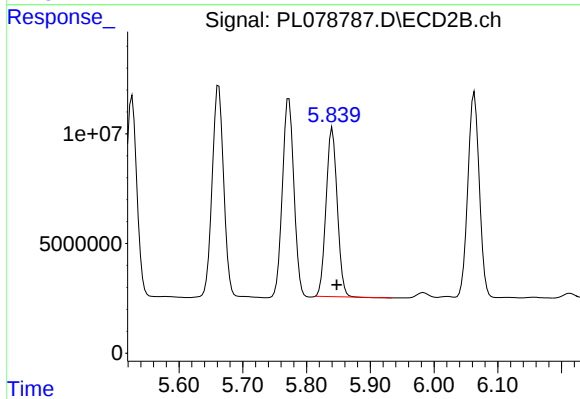
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 114465983
Conc: 52.77 ng/ml m



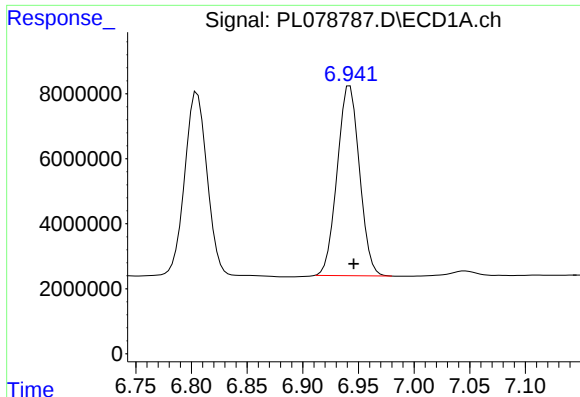
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 66820456
Conc: 45.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 93852022
Conc: 50.01 ng/ml



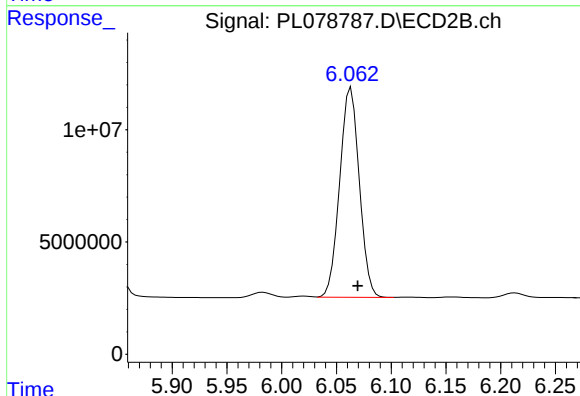
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 81344218
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

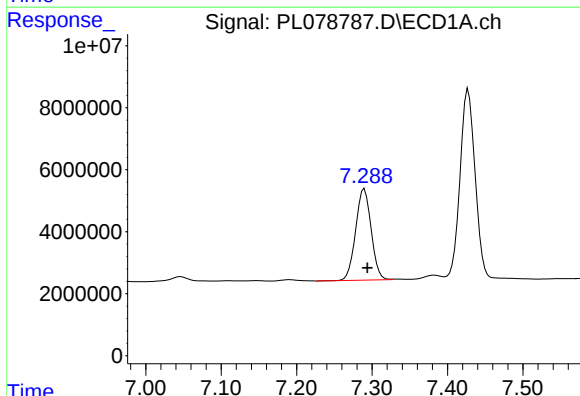
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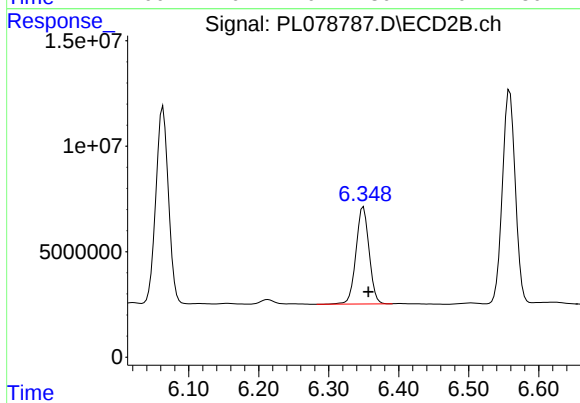
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 116452924
Conc: 48.92 ng/ml



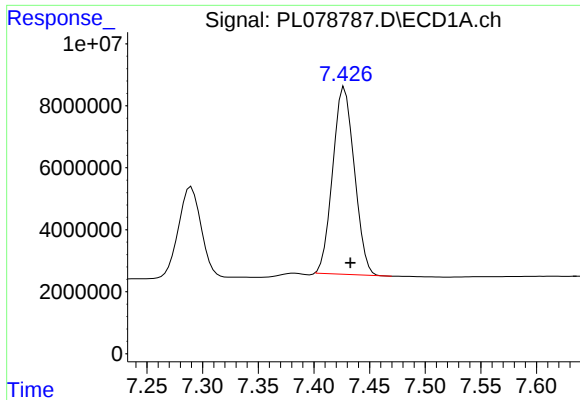
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 42034626
Conc: 45.65 ng/ml



#20 Methoxychlor

R.T.: 6.350 min
Delta R.T.: -0.007 min
Response: 59922801
Conc: 52.80 ng/ml



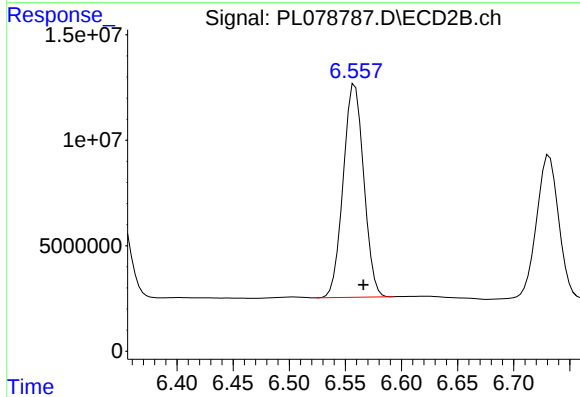
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 81602962
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148782BSD

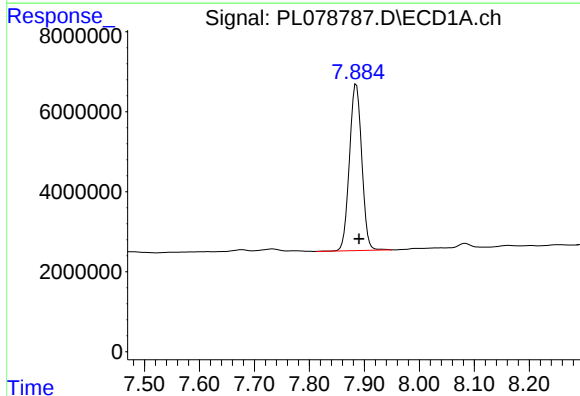
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2022
Supervised By :Ankita Jodhani 11/04/2022



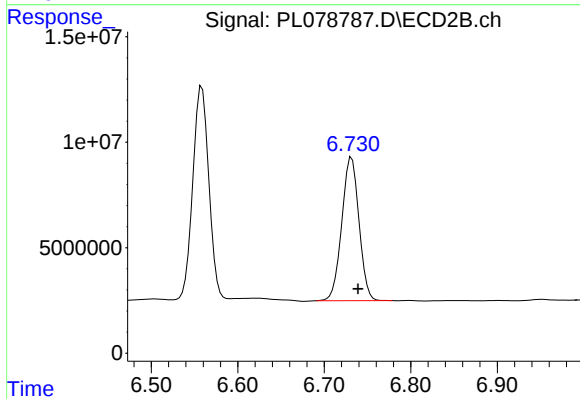
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 128828191
Conc: 49.84 ng/ml



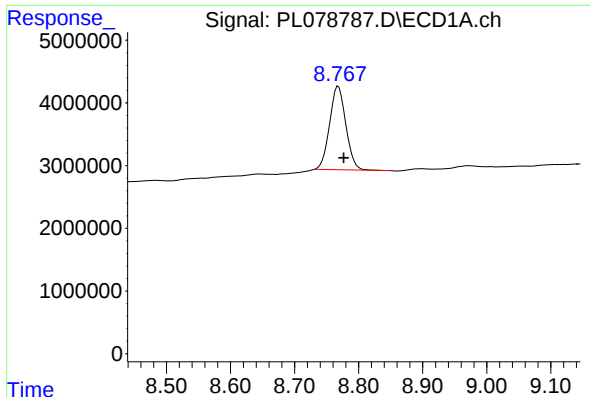
#22 Mirex

R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 64724187
Conc: 44.34 ng/ml



#22 Mirex

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 93394210
Conc: 47.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: -0.008 min
Response: 23440240
Conc: 15.58 ng/ml

Instrument :

ECD_L

ClientSampleId :

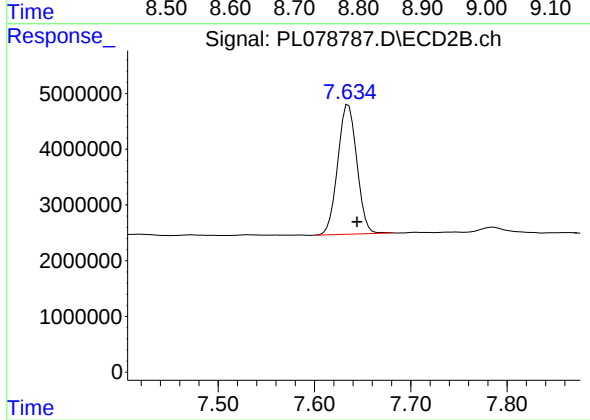
PB148782BSD

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#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 32010626
Conc: 16.90 ng/ml