

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
 Data File : PL080532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2023 15:09
 Operator : AR\AJ
 Sample : 01283-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-10MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/26/2023
 Supervised By :Ankita Jodhani 01/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 21:02:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.350	2.689	34684302	35394613	16.171m	16.114
28)	SA Decachlor...	8.787	7.836	26721769	32355110	15.263	13.580
Target Compounds							
2)	A alpha-BHC	3.799	3.190	137.9E6	130.6E6	43.518	41.060
3)	MA gamma-BHC...	4.128	3.519	127.1E6	122.0E6	43.221	40.834
4)	MA Heptachlor	4.712	3.860	122.7E6	123.5E6	41.535	38.818
5)	MB Aldrin	5.050	4.139	119.6E6	120.9E6	43.713	41.004
6)	B beta-BHC	4.323	3.814	55736941	53420941	40.832	40.027
7)	B delta-BHC	4.567	4.044	126.7E6	118.9E6	43.752	41.208
8)	B Heptachlo...	5.475	4.641	108.6E6	110.9E6	41.975	39.863
9)	A Endosulfan I	5.856	5.010	97743632	100.2E6	41.391	38.533
10)	B gamma-Chl...	5.729	4.891	108.0E6	112.1E6	42.778	39.564m
11)	B alpha-Chl...	5.808	4.956	106.5E6	109.9E6	42.180	38.357
12)	B 4,4'-DDE	5.986	5.149	94743359	95710176	42.536	40.575
13)	MA Dieldrin	6.130	5.275	103.6E6	108.3E6	43.268	40.045
14)	MA Endrin	6.358	5.549	90608665	95710224	41.896	41.234
15)	B Endosulfa...	6.576	5.843	87201581	93036087	38.041	44.649
16)	A 4,4'-DDD	6.500	5.702	79062036	79030277	43.156	42.055
17)	MA 4,4'-DDT	6.813	5.954	78630161	76337593	37.845	36.326
18)	B Endrin al...	6.706	6.024	72906248	75742229	43.829	41.477
19)	B Endosulfa...	6.940	6.246	86718585	92222866	41.895	39.654
20)	A Methoxychlor	7.291	6.531	42414327	45168335	38.444	37.223
21)	B Endrin ke...	7.420	6.751	92692661	102.7E6	42.012	40.212
22)	Mirex	7.891	6.935	73796374	89736745	42.910	39.415

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
Data File : PL080532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2023 15:09
Operator : AR\AJ
Sample : 01283-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

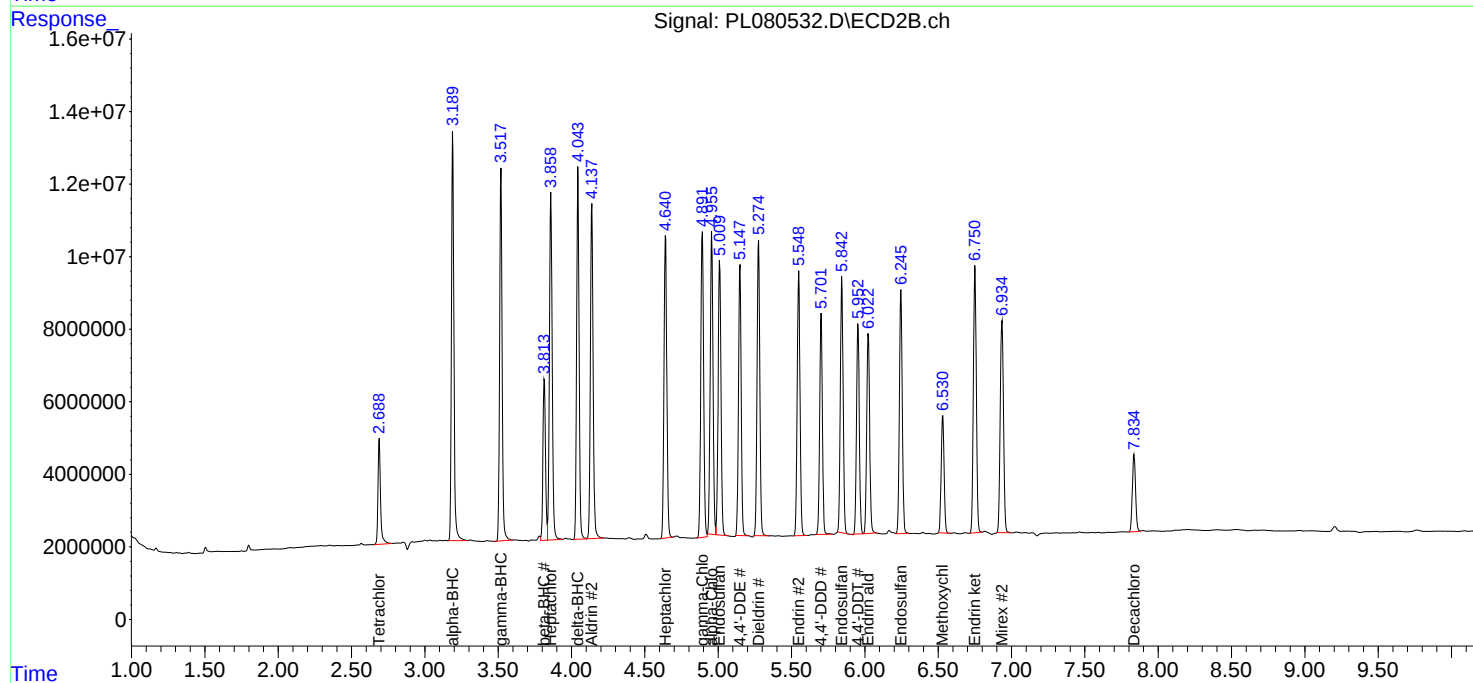
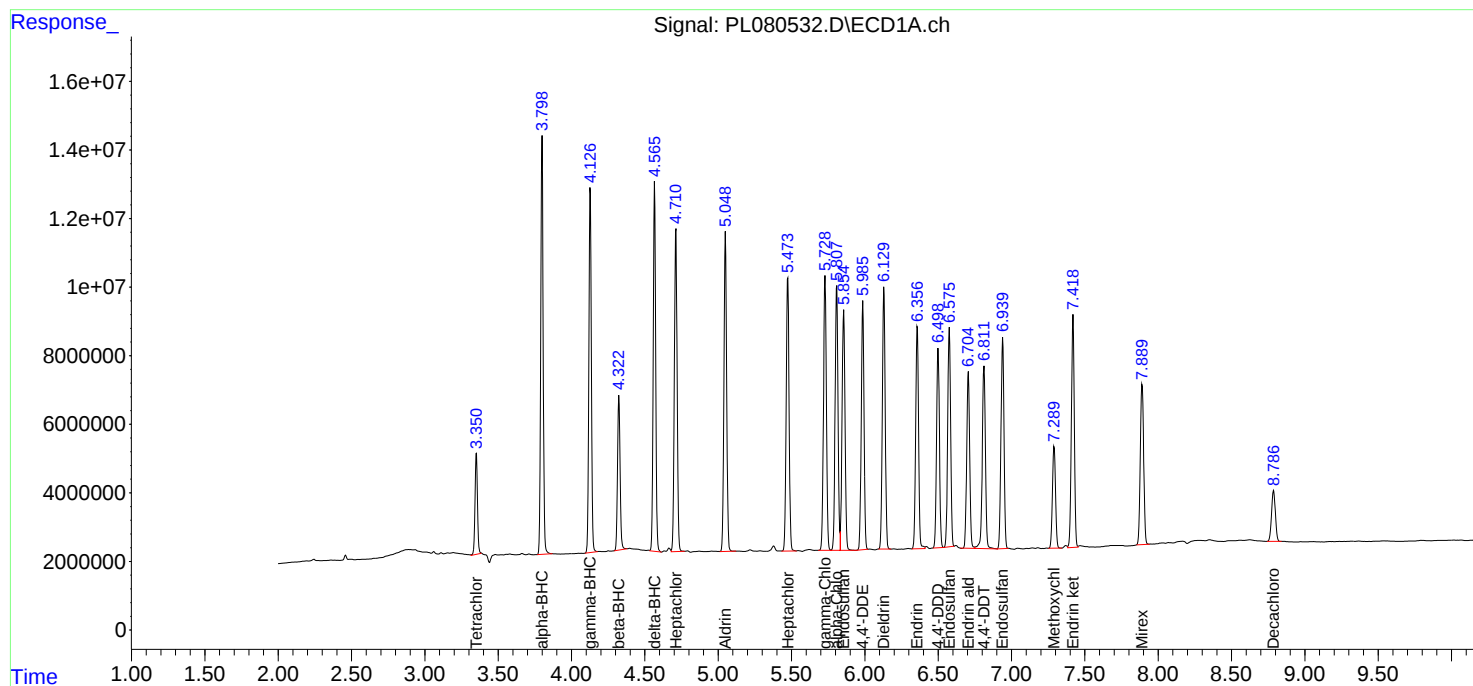
APPROVED

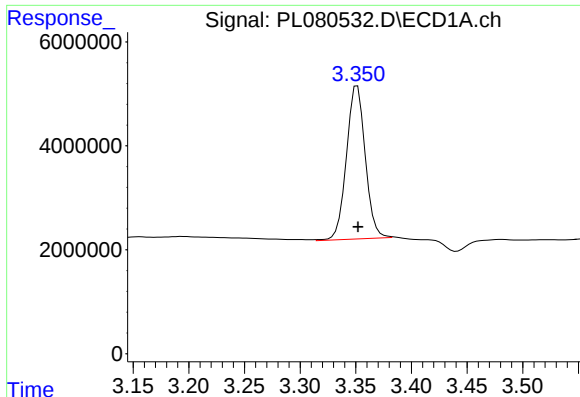
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Supervised By :Ankita Jodhani 01/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 21:02:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





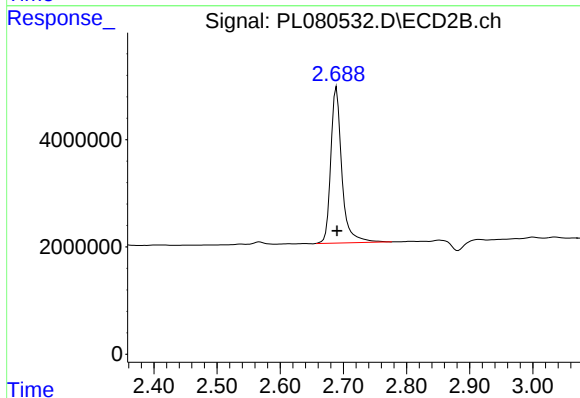
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 34684302
Conc: 16.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

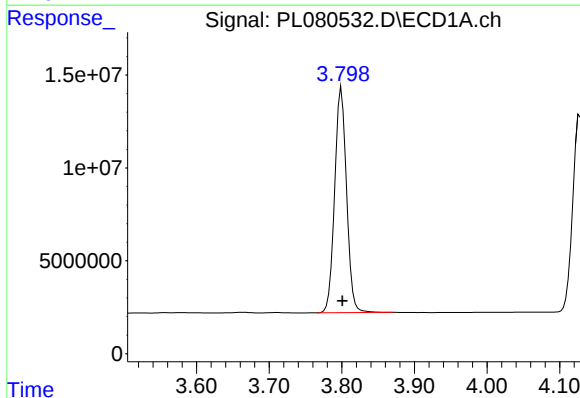
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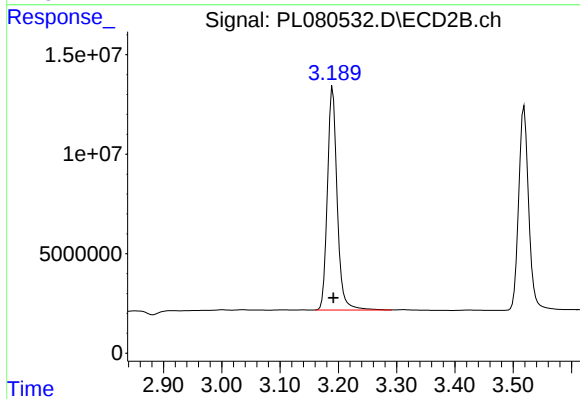
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 35394613
Conc: 16.11 ng/ml



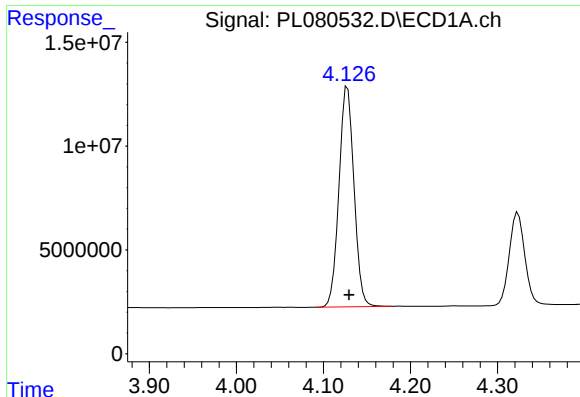
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 137866873
Conc: 43.52 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 130588871
Conc: 41.06 ng/ml



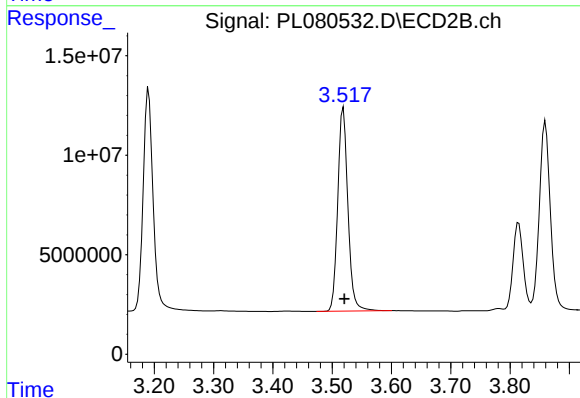
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 127058533
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

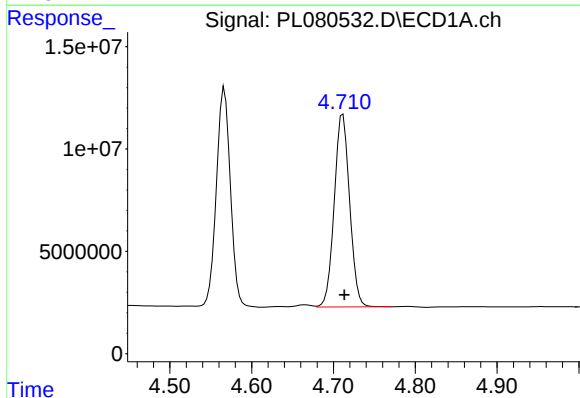
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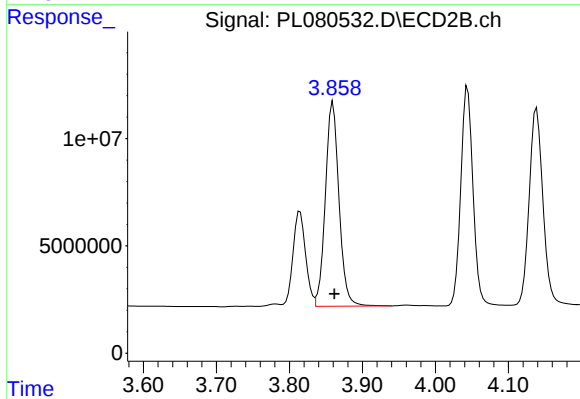
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 121982437
Conc: 40.83 ng/ml



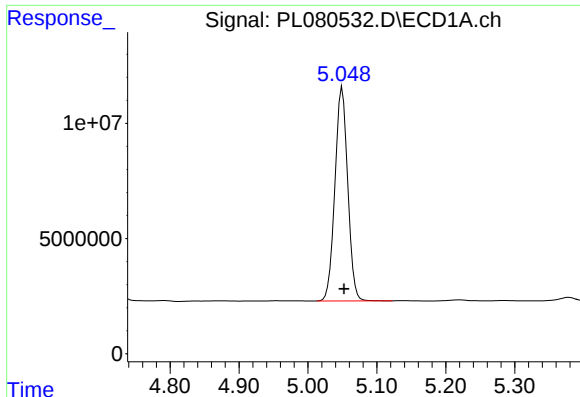
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 122743920
Conc: 41.53 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.002 min
Response: 123531719
Conc: 38.82 ng/ml



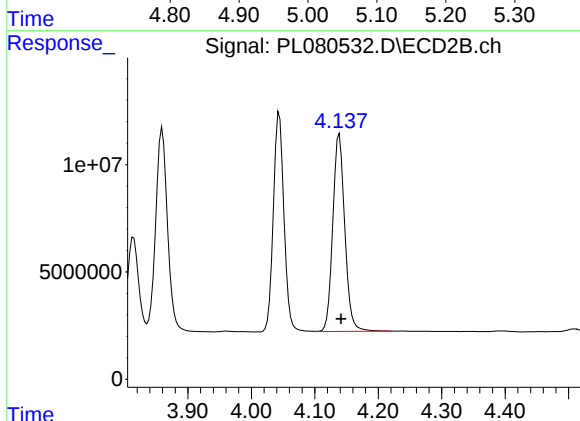
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 119589903
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

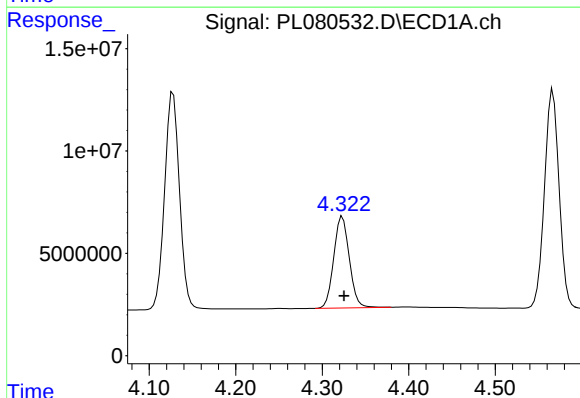
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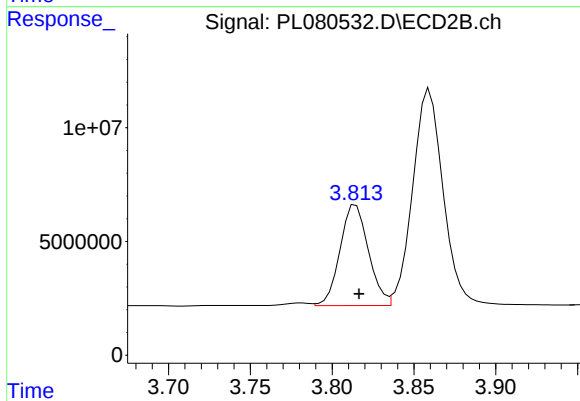
#5 Aldrin

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 120944170
Conc: 41.00 ng/ml



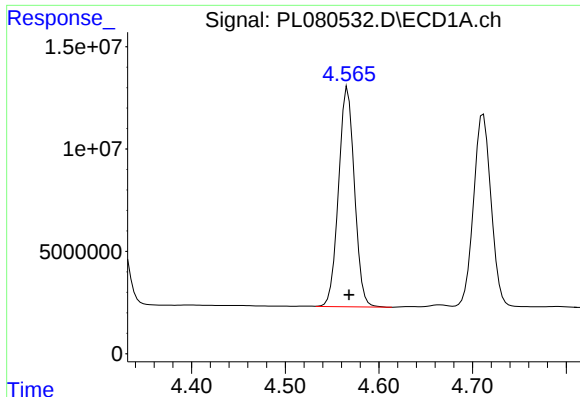
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 55736941
Conc: 40.83 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 53420941
Conc: 40.03 ng/ml



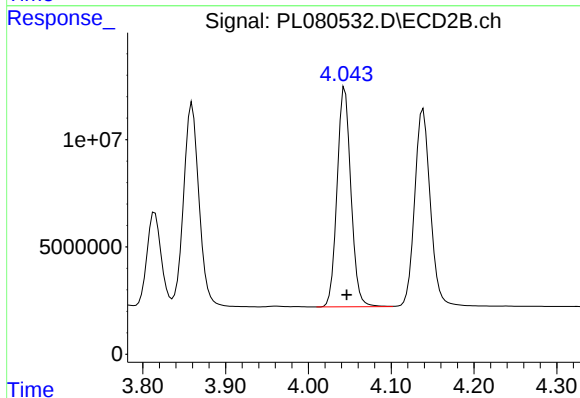
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 126661108
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

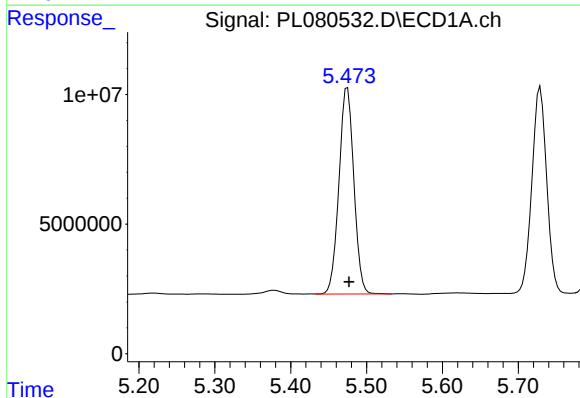
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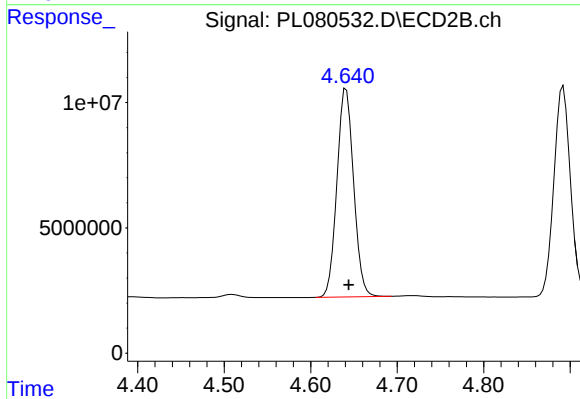
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 118860707
Conc: 41.21 ng/ml



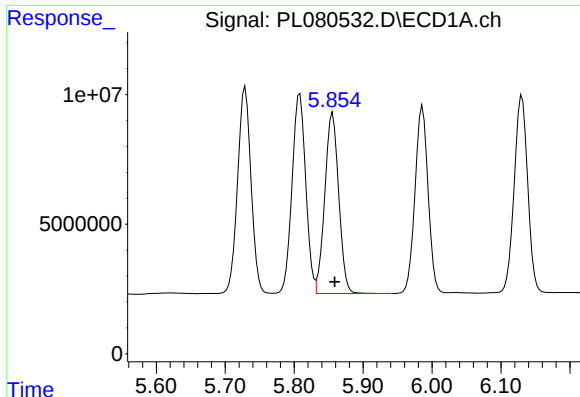
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 108592052
Conc: 41.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 110911280
Conc: 39.86 ng/ml



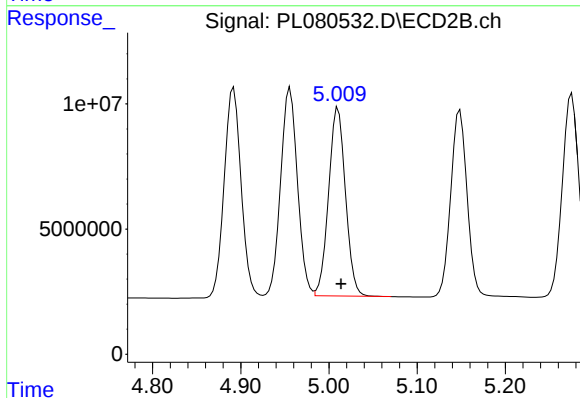
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 97743632
Conc: 41.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

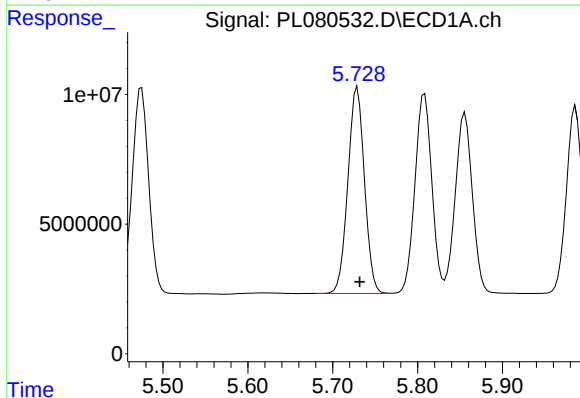
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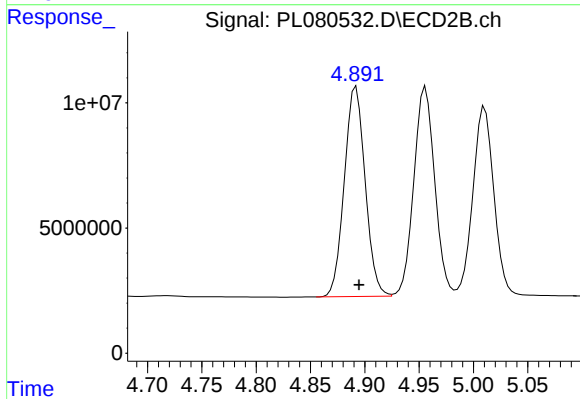
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 100237632
Conc: 38.53 ng/ml



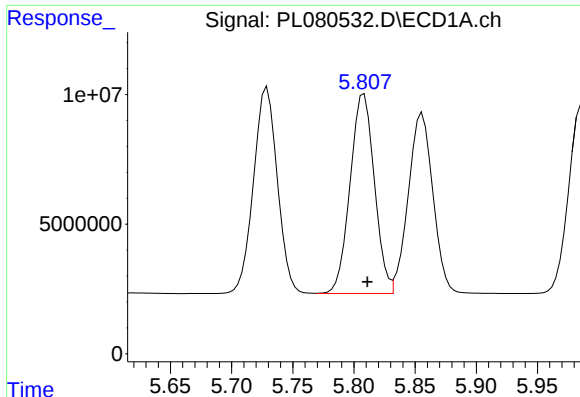
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 108045047
Conc: 42.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 112134181
Conc: 39.56 ng/ml m



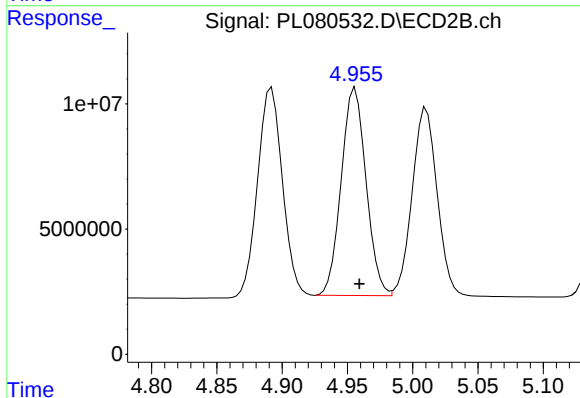
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 106472760
Conc: 42.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

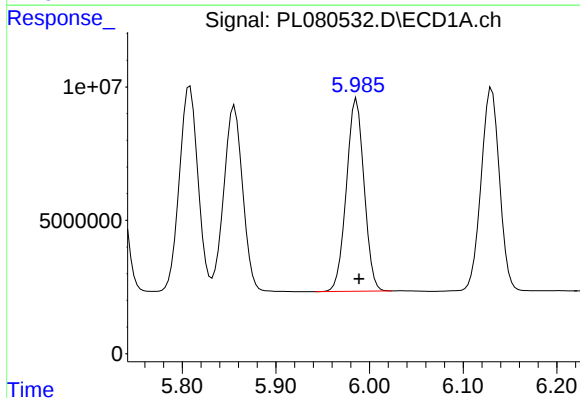
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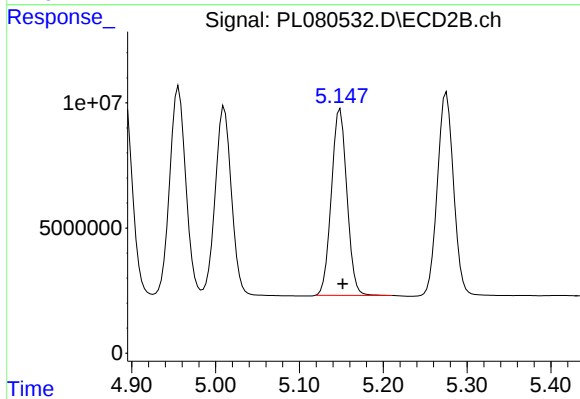
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 109880719
Conc: 38.36 ng/ml



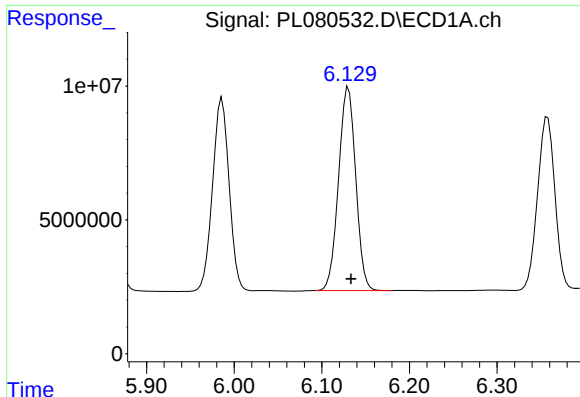
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 94743359
Conc: 42.54 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: -0.003 min
Response: 95710176
Conc: 40.58 ng/ml



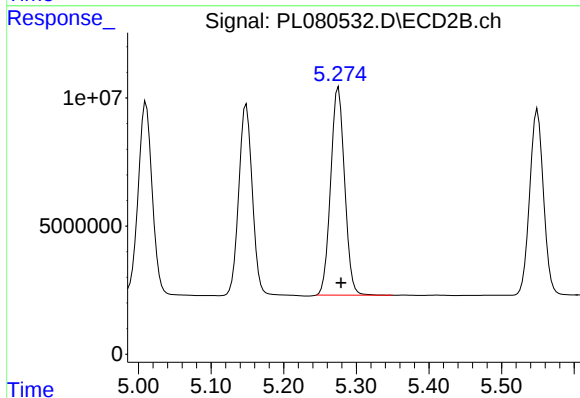
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 103555653
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

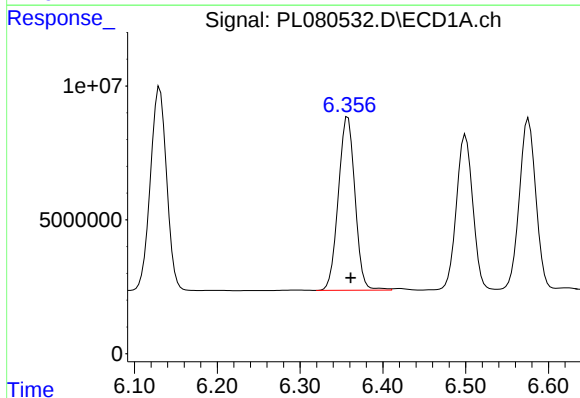
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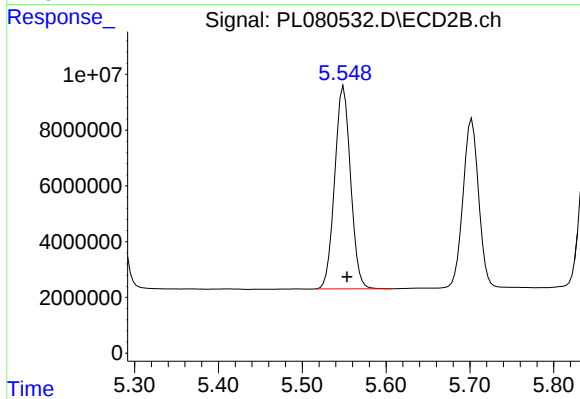
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 108320650
Conc: 40.05 ng/ml



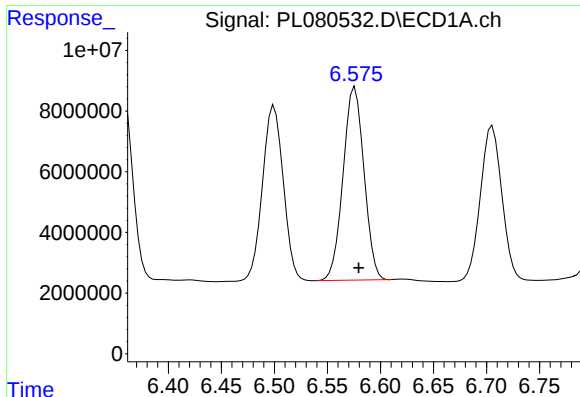
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 90608665
Conc: 41.90 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 95710224
Conc: 41.23 ng/ml



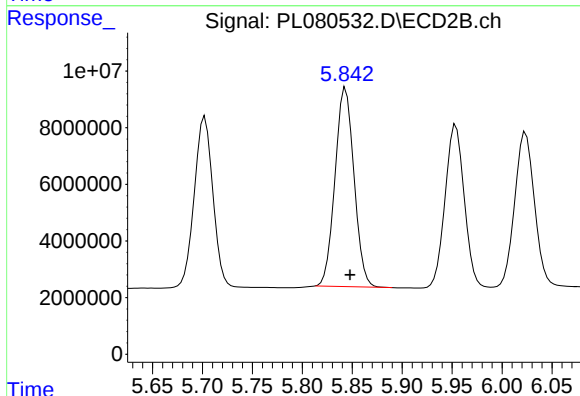
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 87201581
Conc: 38.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

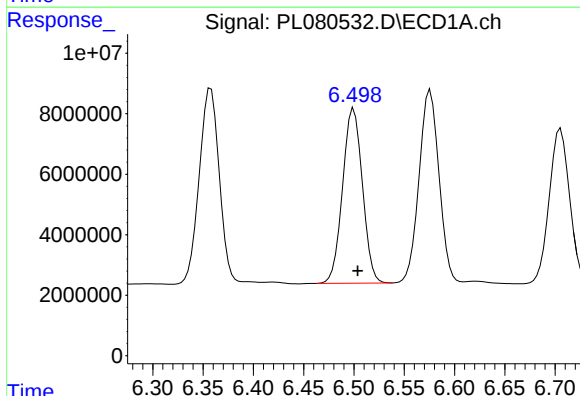
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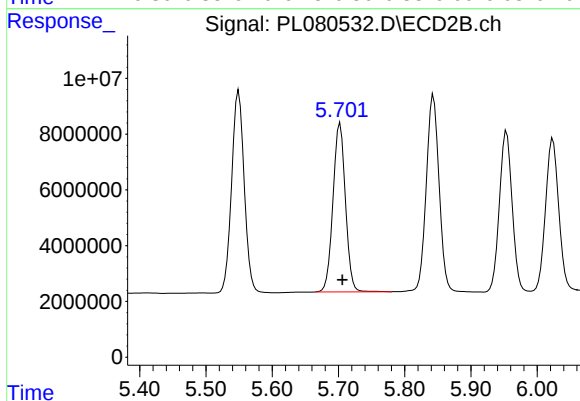
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 93036087
Conc: 44.65 ng/ml



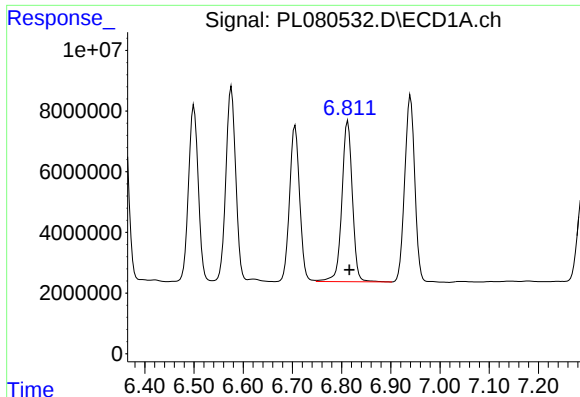
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 79062036
Conc: 43.16 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 79030277
Conc: 42.06 ng/ml



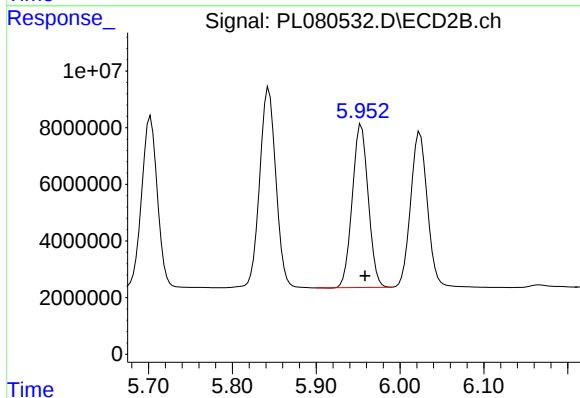
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 78630161
Conc: 37.85 ng/ml

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ECD_L
ClientSampleId :
MH-10MSD

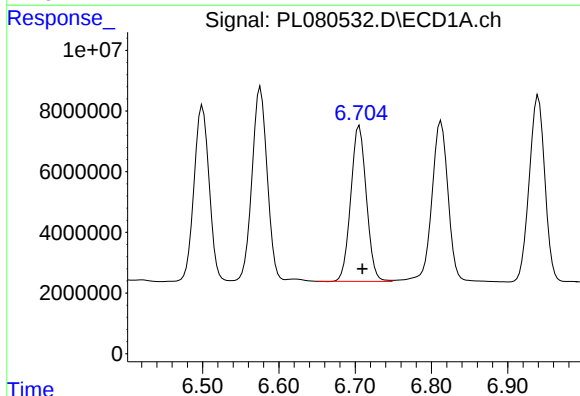
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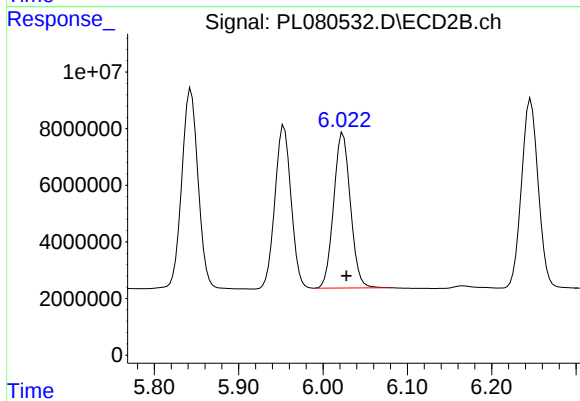
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 76337593
Conc: 36.33 ng/ml



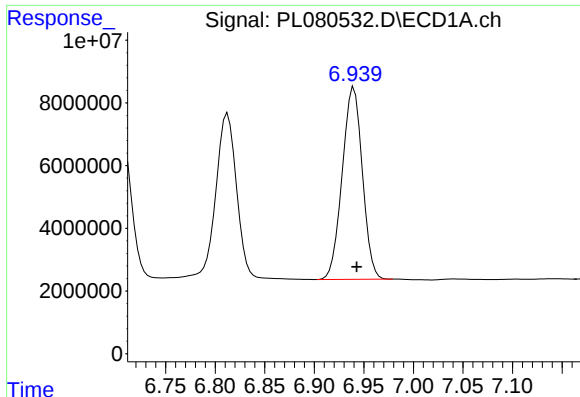
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 72906248
Conc: 43.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 75742229
Conc: 41.48 ng/ml



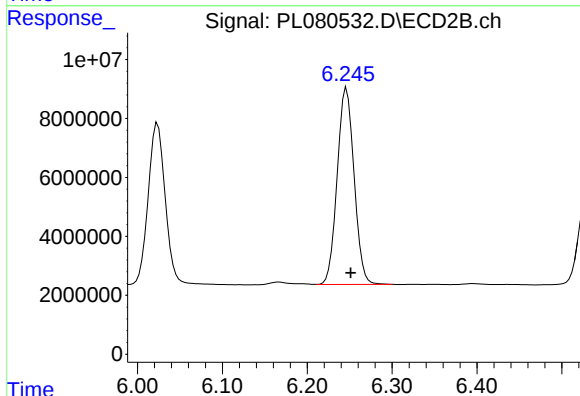
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 86718585
Conc: 41.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

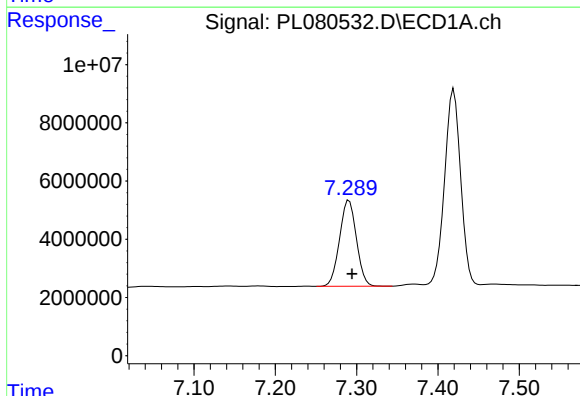
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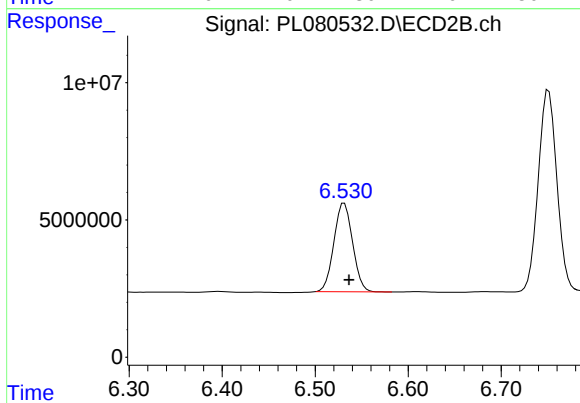
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 92222866
Conc: 39.65 ng/ml



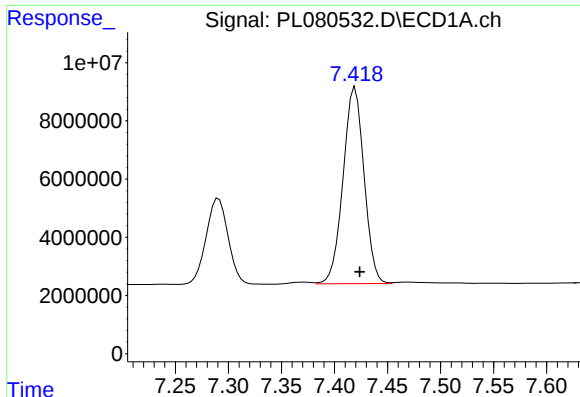
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 42414327
Conc: 38.44 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 45168335
Conc: 37.22 ng/ml



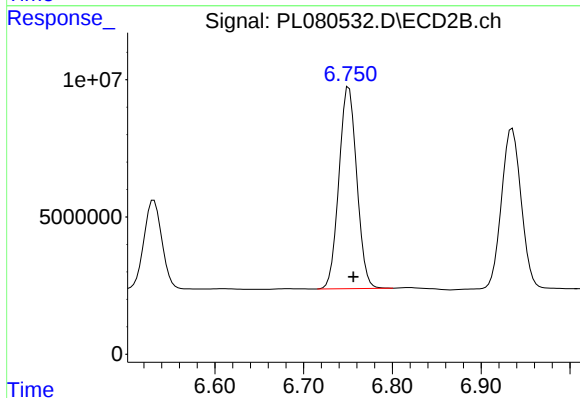
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 92692661
Conc: 42.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

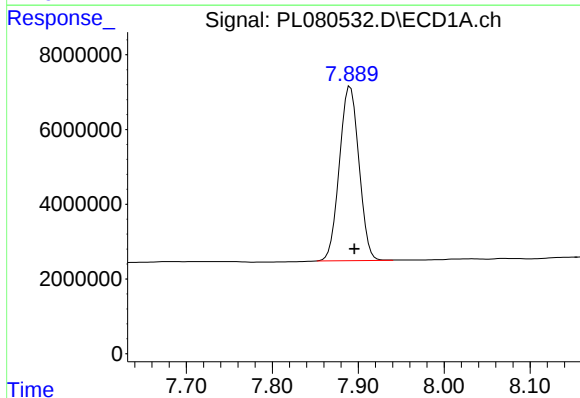
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/26/2023
Supervised By :Ankita Jodhani 01/26/2023



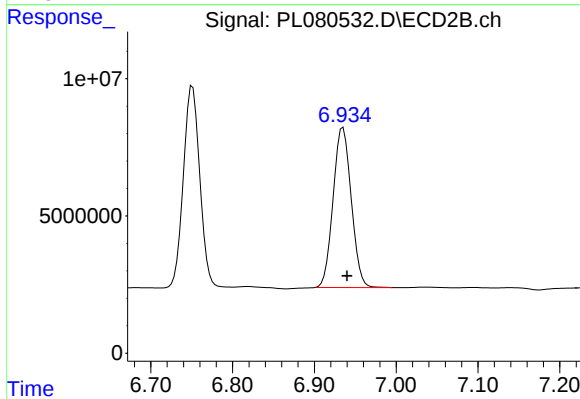
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 102669745
Conc: 40.21 ng/ml



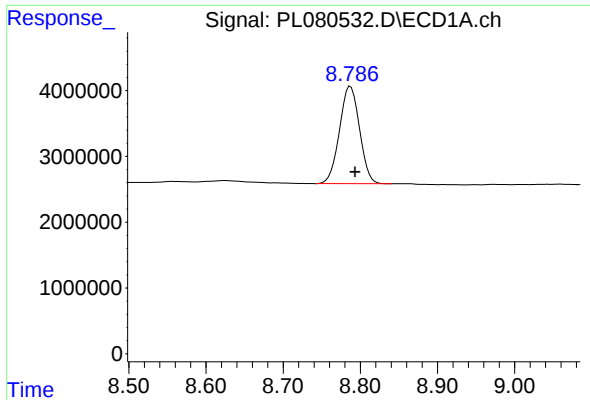
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 73796374
Conc: 42.91 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 89736745
Conc: 39.41 ng/ml



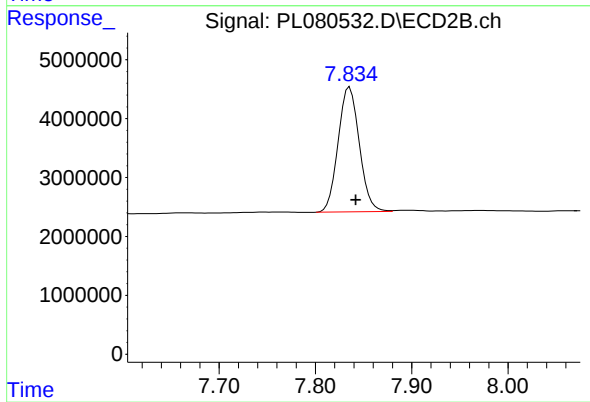
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 26721769
Conc: 15.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 32355110
Conc: 13.58 ng/ml