

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 20:18
 Operator : AR\AJ
 Sample : 03939-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ORA-1745-1746-1747MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 04:35:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.686	39126207	19311515	16.840	17.759
28)	SA Decachlor...	9.028	7.868	28254680	81068714	17.365	65.021 #
Target Compounds							
2)	A alpha-BHC	3.935	3.191	157.4E6	81033413	47.689	52.480
3)	MA gamma-BHC...	4.269	3.522	144.9E6	76209788	45.432	50.153
4)	MA Heptachlor	4.862	3.863	171.9E6	75427718	51.129	52.964
5)	MB Aldrin	5.204	4.142	152.2E6	73941943	46.056	50.875
6)	B beta-BHC	4.469	3.823	67236769	33753877	48.132	50.377
7)	B delta-BHC	4.715	4.052	150.9E6	74142569	46.793	48.835
8)	B Heptachlo...	5.634	4.649	144.8E6	67907210	48.053	51.181
9)	A Endosulfan I	6.020	5.019	124.2E6	64494168	47.194	52.041
10)	B gamma-Chl...	5.892	4.902	136.4E6	71103832	47.635	52.426
11)	B alpha-Chl...	5.971	4.966	133.5E6	70407112	47.299	51.675
12)	B 4,4'-DDE	6.151	5.164	115.9E6	67384166	50.512	54.719
13)	MA Dieldrin	6.297	5.286	121.1E6	68361364	45.822	50.348
14)	MA Endrin	6.526	5.562	101.0E6	79591742	46.314	65.068 #
15)	B Endosulfa...	6.747	5.859	93133313	109.5E6	44.034	90.712 #
16)	A 4,4'-DDD	6.669	5.723	86131593	76254076	51.373	73.801 #
17)	MA 4,4'-DDT	6.985	5.975	90962177	107.2E6	48.547	92.384 #
18)	B Endrin al...	6.878	6.041	75665743	84726574	44.854	85.432 #
19)	B Endosulfa...	7.114	6.264	92164891	130.7E6	46.136	109.880m#
20)	A Methoxychlor	7.467	6.558	44124440	74448232	45.978	108.509m#
21)	B Endrin ke...	7.599	6.770	91016702	161.7E6	45.499	112.049 #
22)	Mirex	8.074	6.949	74740973	129.9E6	45.002	112.639m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
Data File : PL084629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 20:18
Operator : AR\AJ
Sample : 03939-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

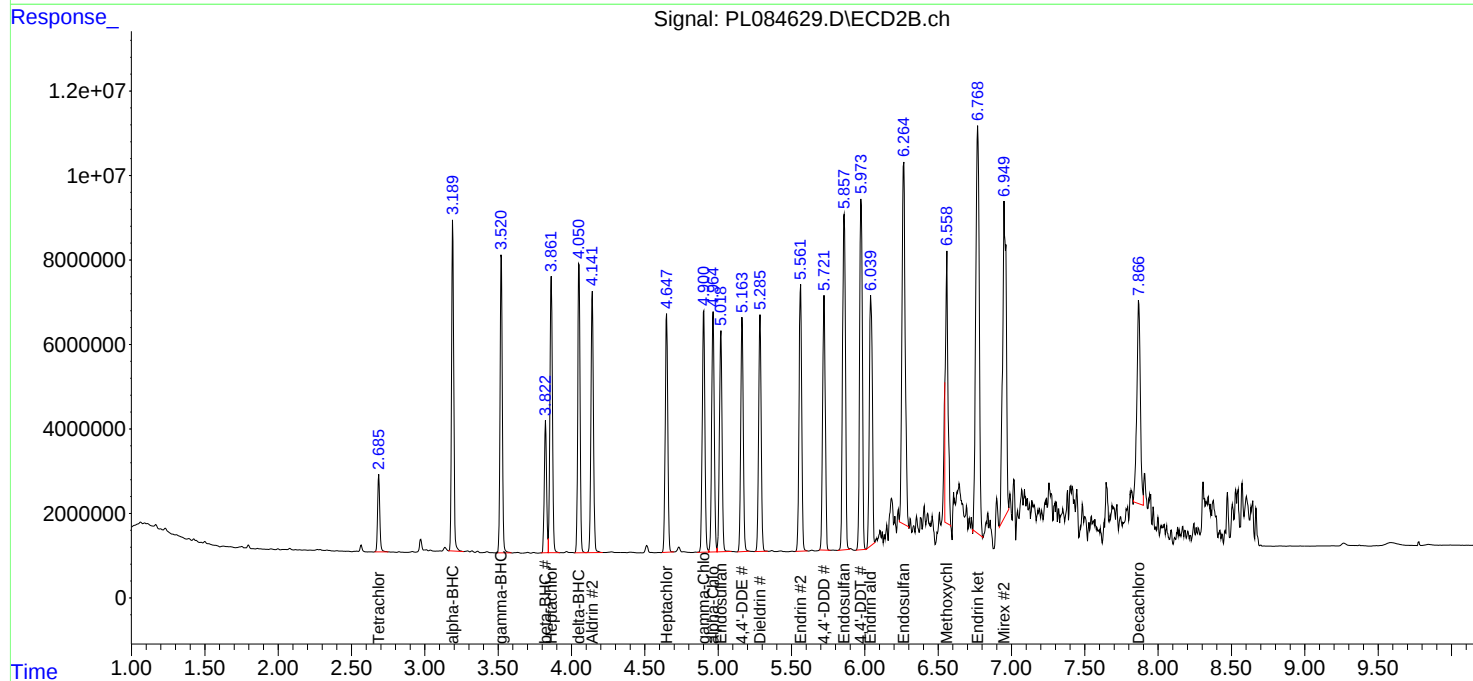
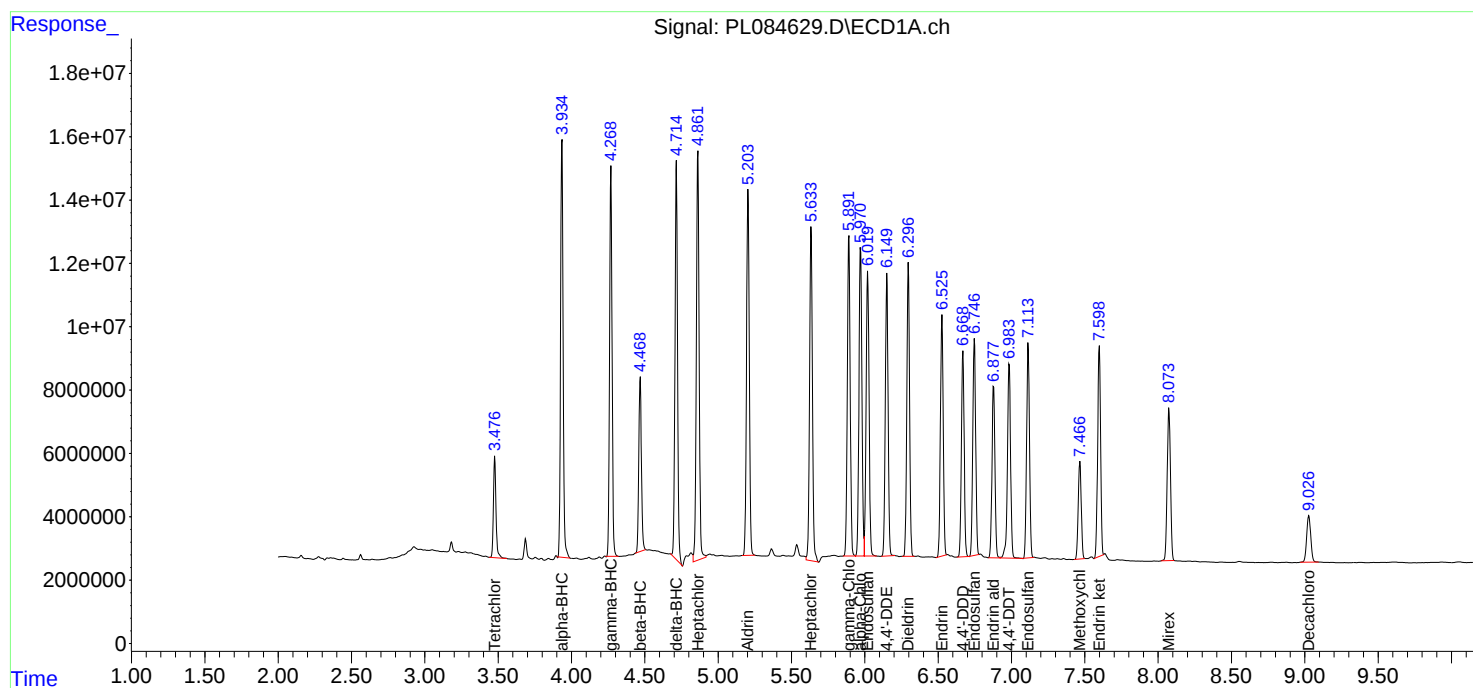
Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

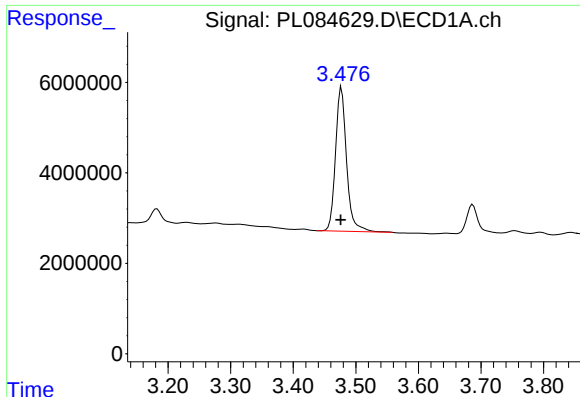
Manual Integrations
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Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 04:35:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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





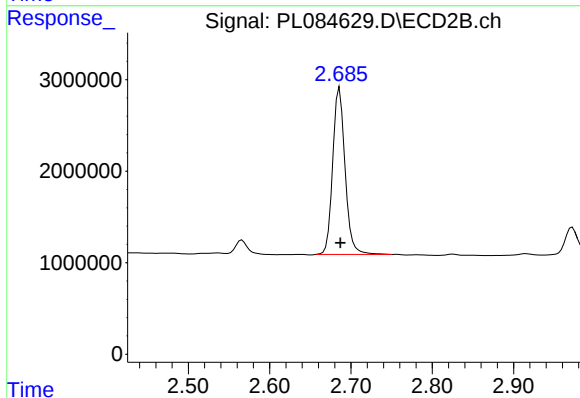
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 39126207
Conc: 16.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

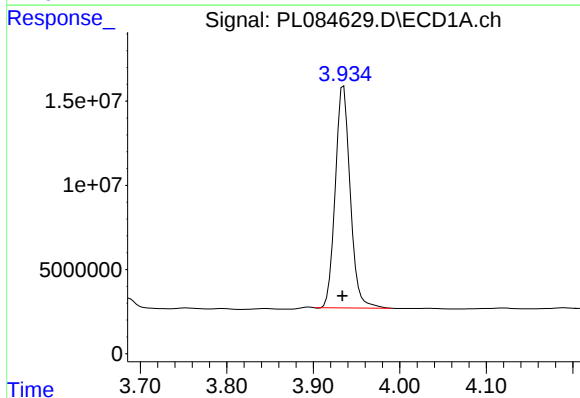
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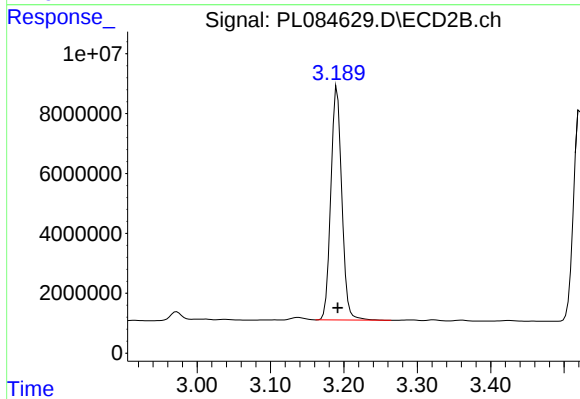
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 19311515
Conc: 17.76 ng/ml



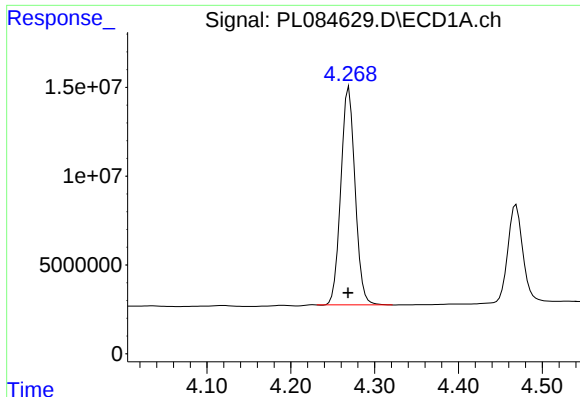
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 157439177
Conc: 47.69 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 81033413
Conc: 52.48 ng/ml



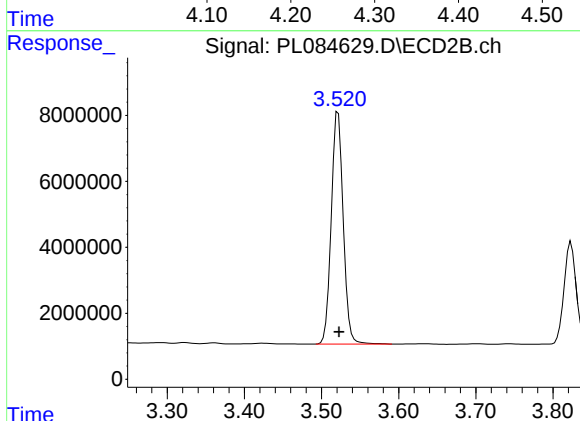
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 144929228
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

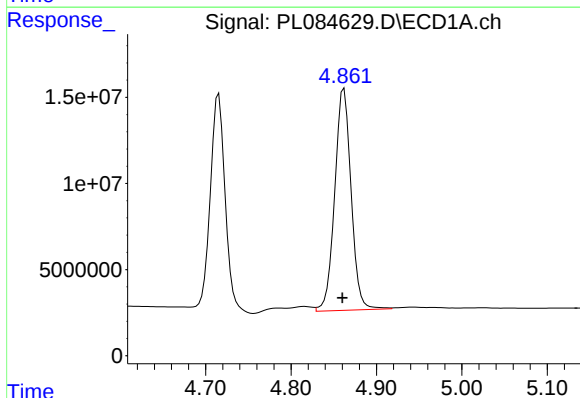
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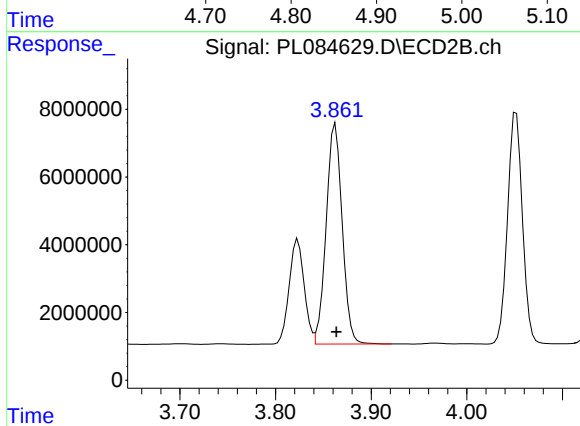
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.001 min
Response: 76209788
Conc: 50.15 ng/ml



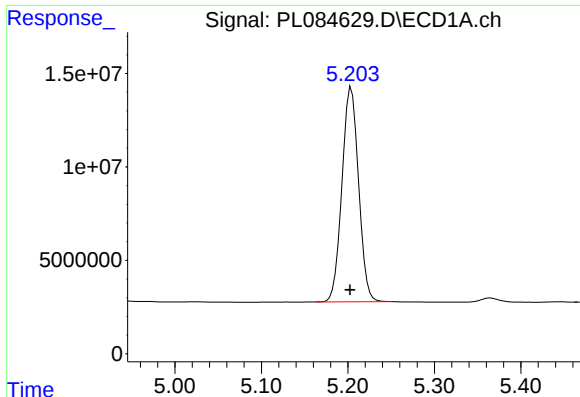
#4 Heptachlor

R.T.: 4.862 min
Delta R.T.: 0.002 min
Response: 171939981
Conc: 51.13 ng/ml



#4 Heptachlor

R.T.: 3.863 min
Delta R.T.: 0.000 min
Response: 75427718
Conc: 52.96 ng/ml



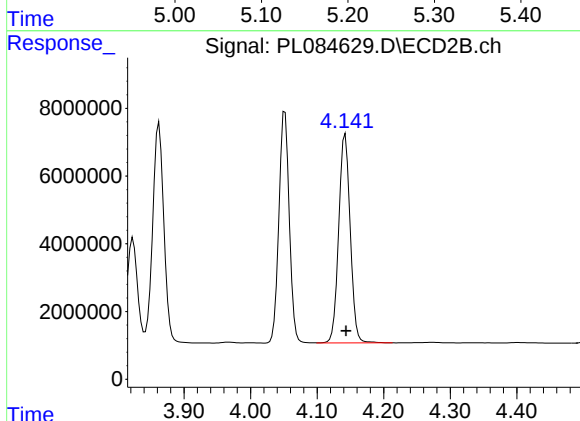
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.001 min
Response: 152231011
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

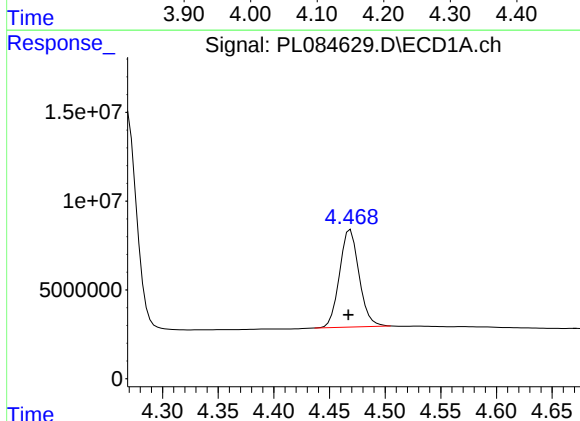
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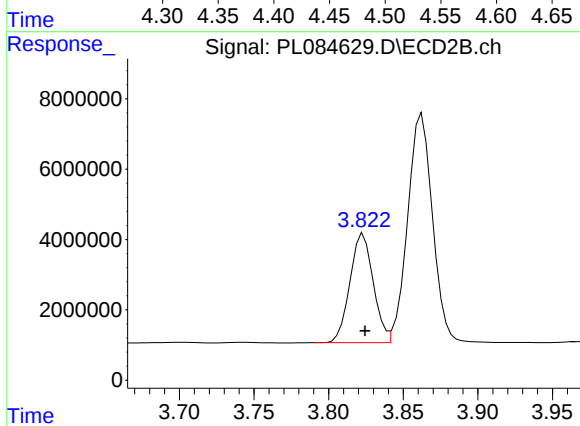
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: -0.001 min
Response: 73941943
Conc: 50.88 ng/ml



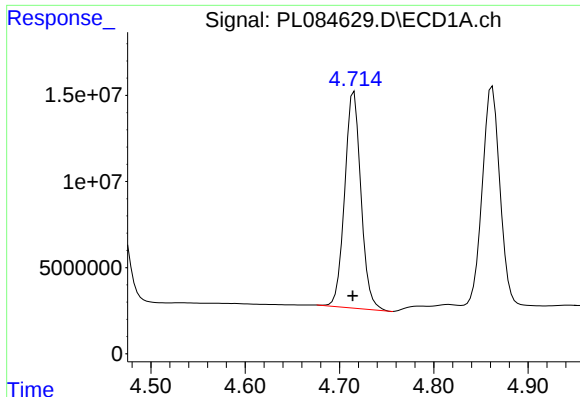
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 67236769
Conc: 48.13 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 33753877
Conc: 50.38 ng/ml



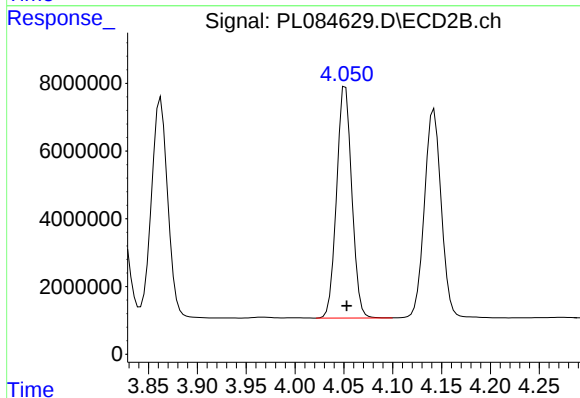
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.001 min
Response: 150894534
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

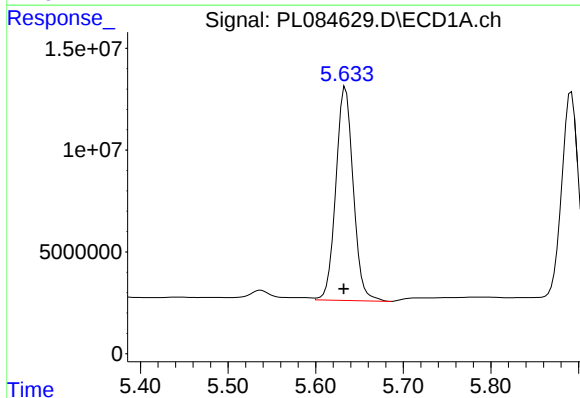
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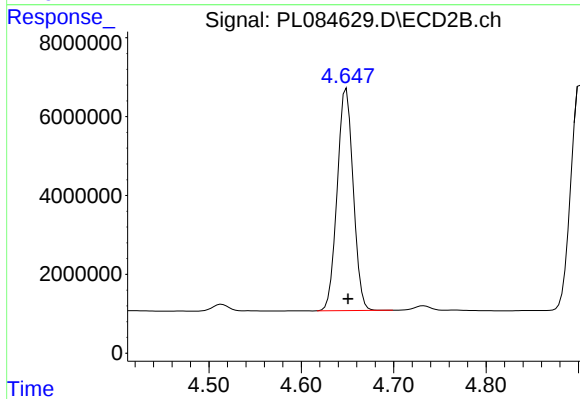
#7 delta-BHC

R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 74142569
Conc: 48.84 ng/ml



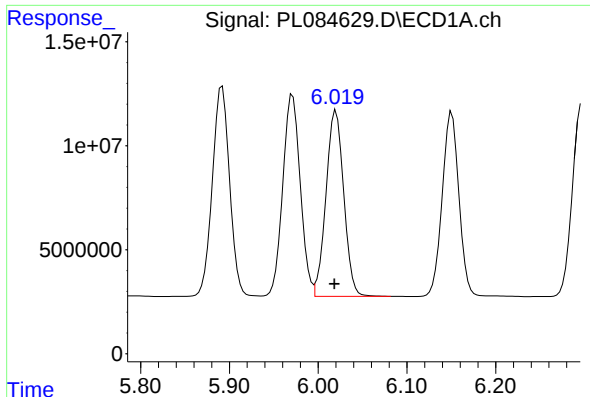
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 144768648
Conc: 48.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 67907210
Conc: 51.18 ng/ml



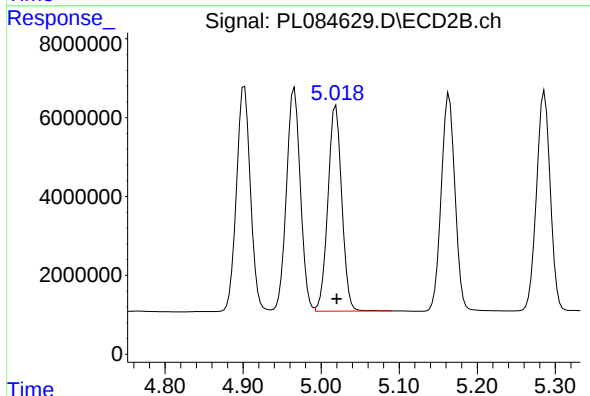
#9 Endosulfan I

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 124228075
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

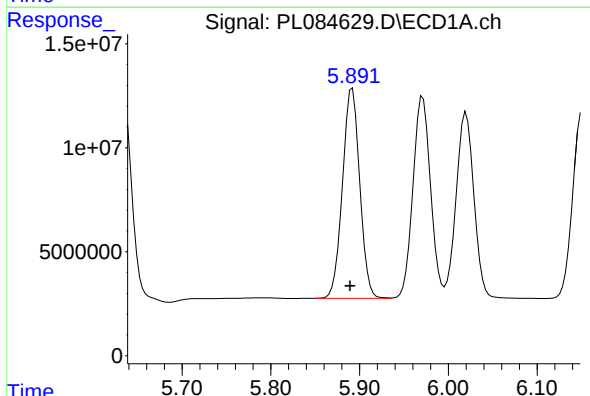
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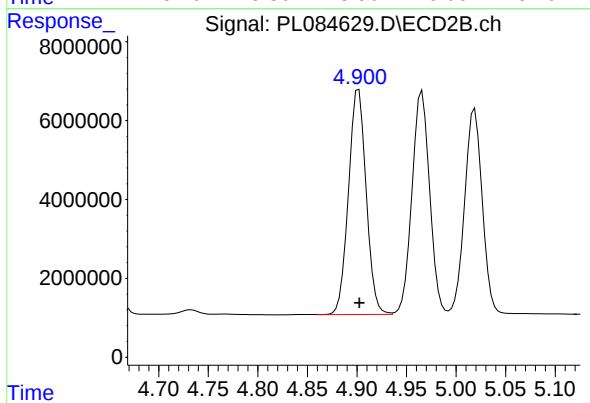
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 64494168
Conc: 52.04 ng/ml



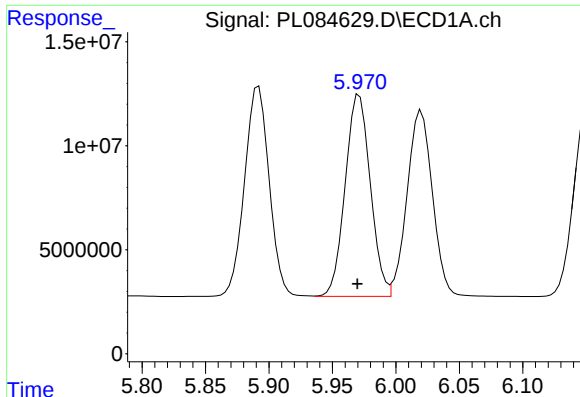
#10 gamma-Chlordane

R.T.: 5.892 min
Delta R.T.: 0.003 min
Response: 136408851
Conc: 47.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 71103832
Conc: 52.43 ng/ml



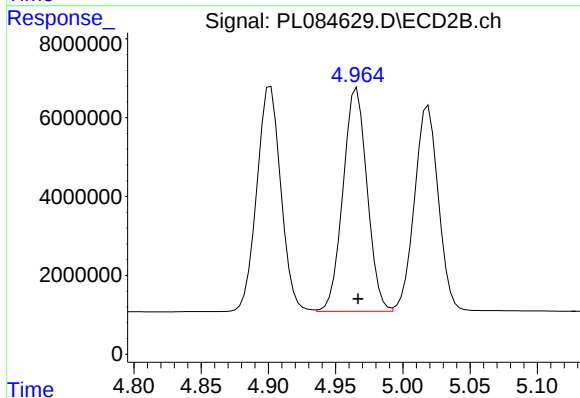
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 133535533
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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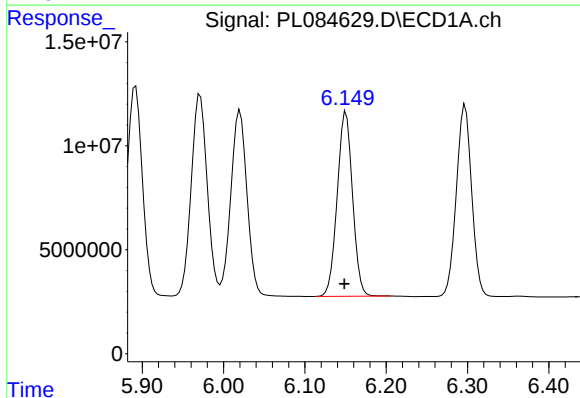
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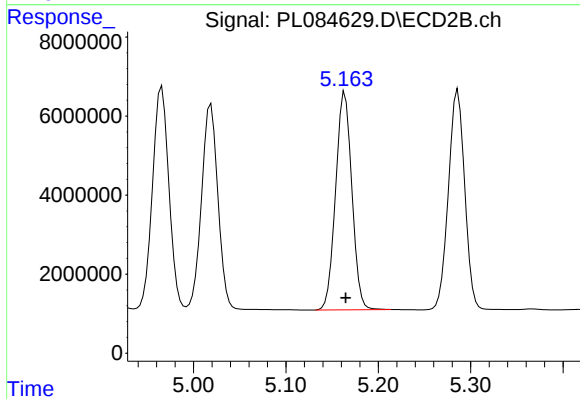
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 70407112
Conc: 51.68 ng/ml



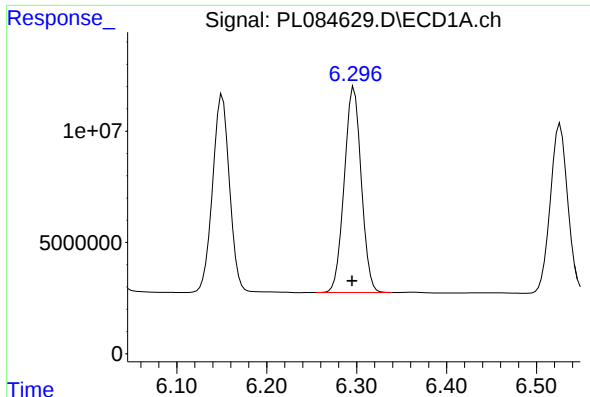
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 115939584
Conc: 50.51 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 67384166
Conc: 54.72 ng/ml



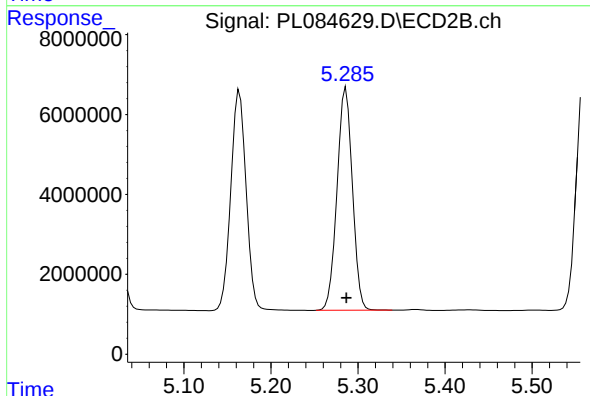
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 121090559
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

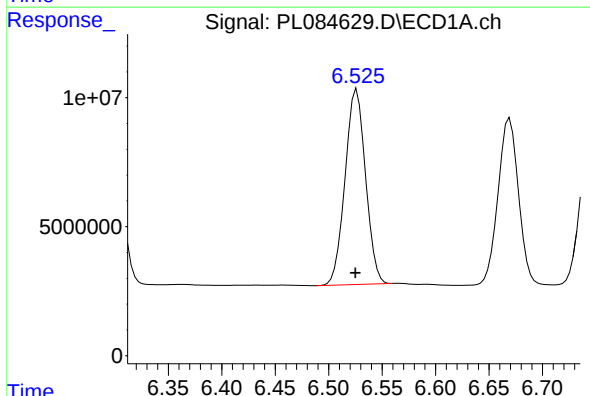
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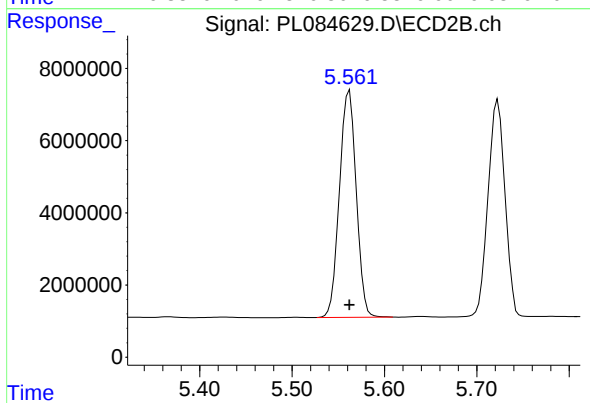
#13 Dieldrin

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 68361364
Conc: 50.35 ng/ml



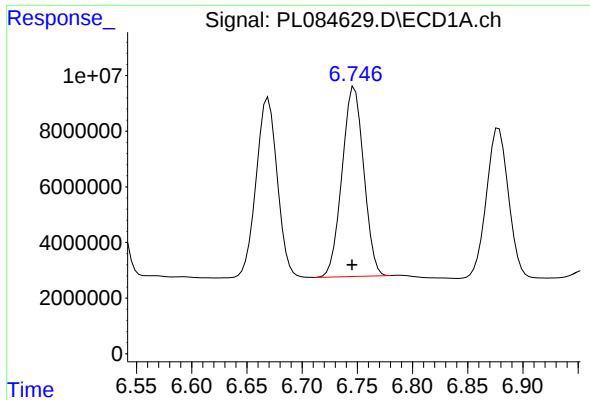
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 101009905
Conc: 46.31 ng/ml



#14 Endrin

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 79591742
Conc: 65.07 ng/ml



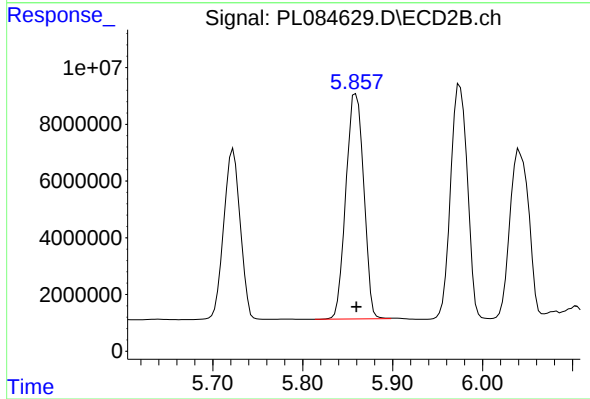
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 93133313
Conc: 44.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

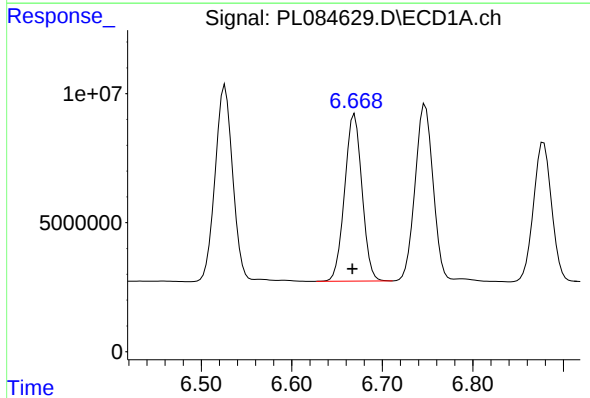
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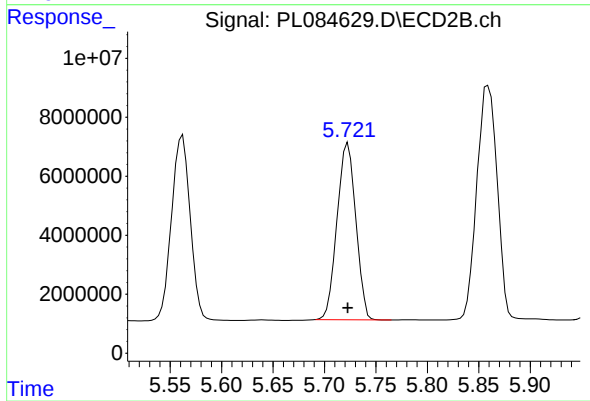
#15 Endosulfan II

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 109452386
Conc: 90.71 ng/ml



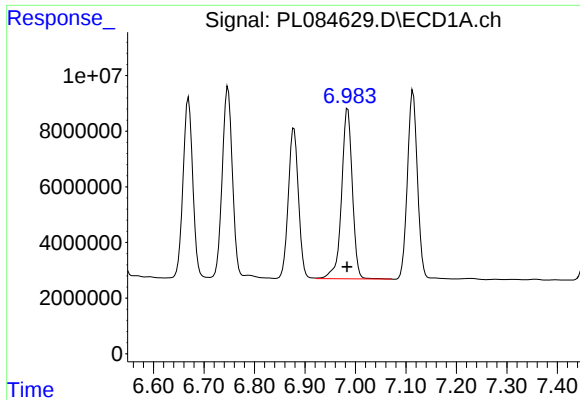
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 86131593
Conc: 51.37 ng/ml



#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 76254076
Conc: 73.80 ng/ml



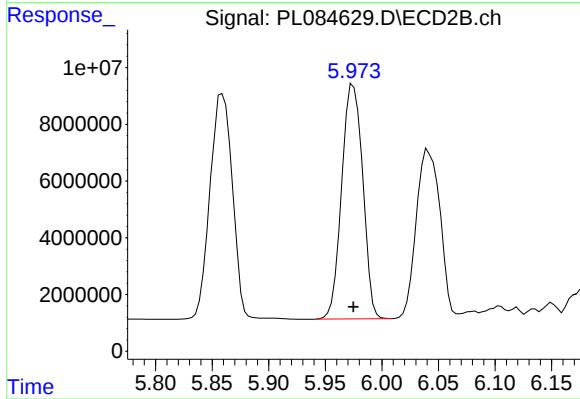
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 90962177
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

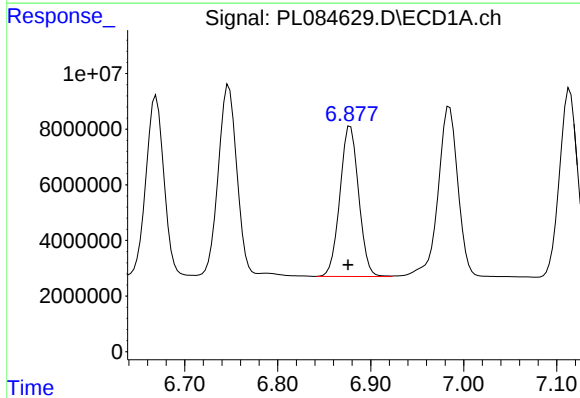
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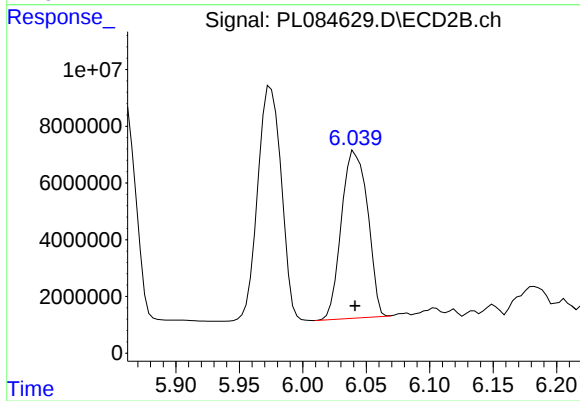
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 107216771
Conc: 92.38 ng/ml



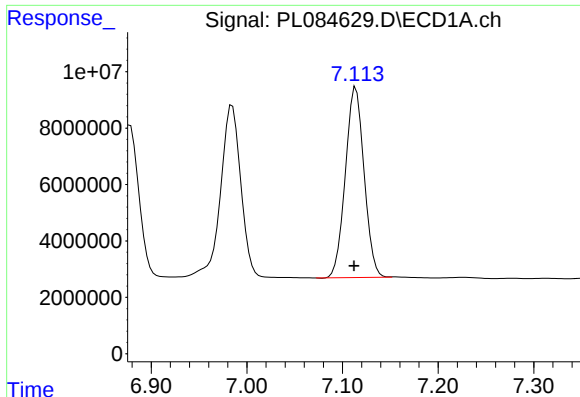
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 75665743
Conc: 44.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 84726574
Conc: 85.43 ng/ml



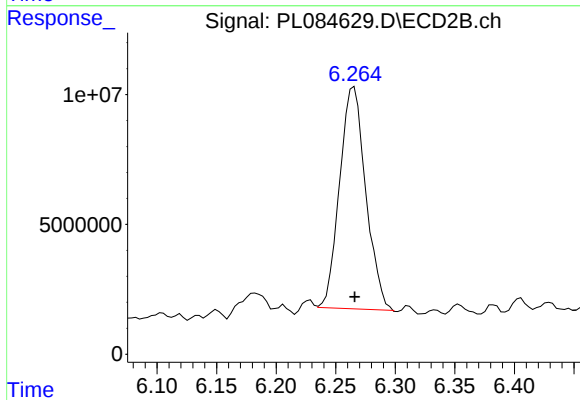
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.002 min
Response: 92164891
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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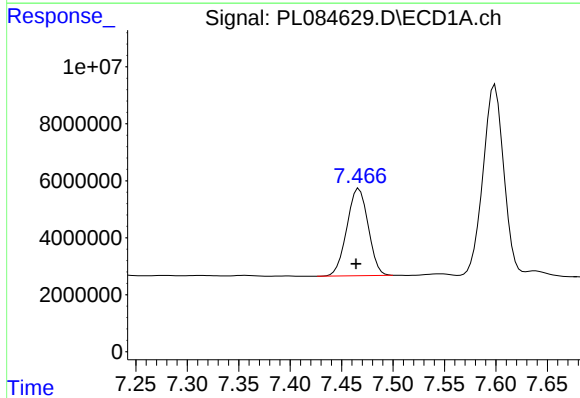
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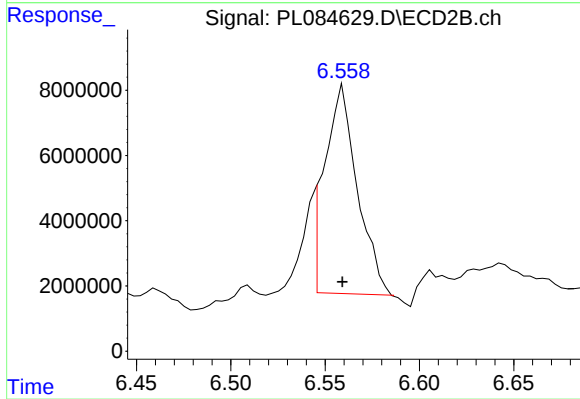
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 130667905
Conc: 109.88 ng/ml m



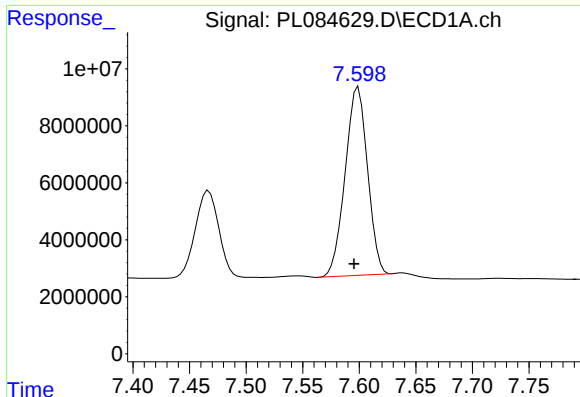
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 44124440
Conc: 45.98 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 74448232
Conc: 108.51 ng/ml m



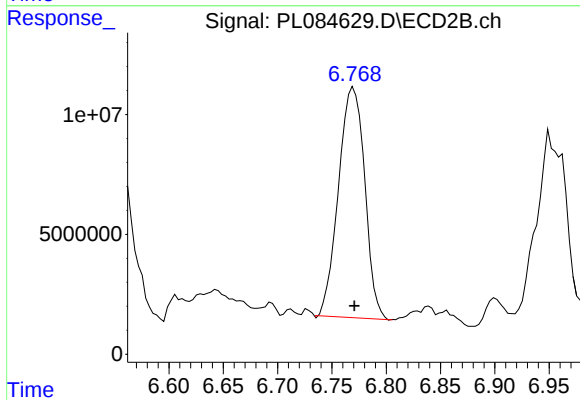
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.004 min
Response: 91016702
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

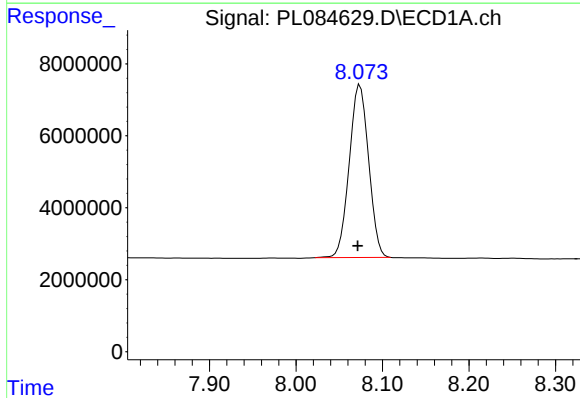
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



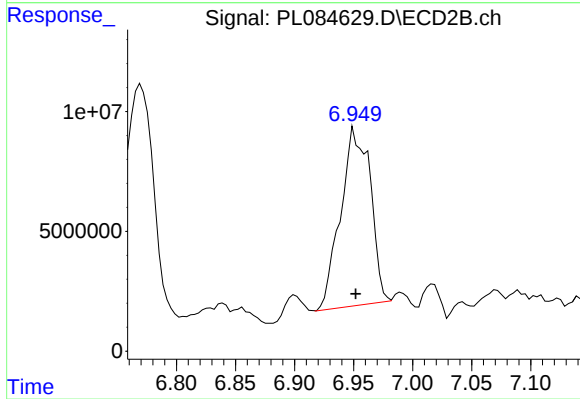
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 161666404
Conc: 112.05 ng/ml



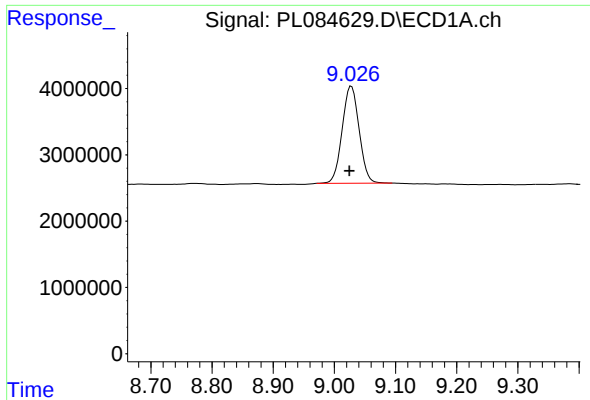
#22 Mirex

R.T.: 8.074 min
Delta R.T.: 0.003 min
Response: 74740973
Conc: 45.00 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.003 min
Response: 129904397
Conc: 112.64 ng/ml m



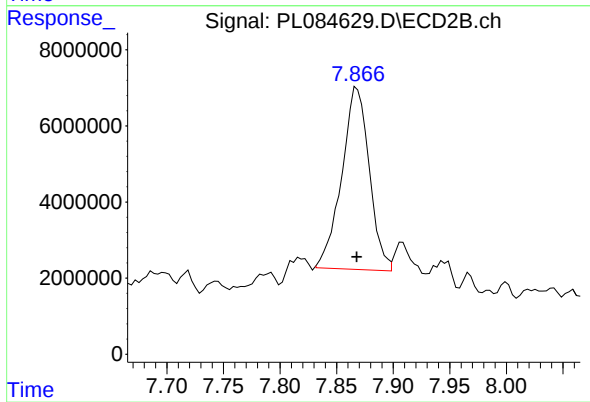
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 28254680
Conc: 17.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/11/2023



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 81068714
Conc: 65.02 ng/ml