

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 15:45
 Operator : AR\AJ
 Sample : PB162935BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162935BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:07:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 2024
 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...	3.546	2.786	37255104	36018870	17.351	18.452
28)	SA Decachlor...	9.061	7.927	32263968	39470160	21.163	20.838
Target Compounds							
2)	A alpha-BHC	4.001	3.289	132.5E6	138.8E6	44.213	50.041
3)	MA gamma-BHC...	4.334	3.619	127.0E6	131.5E6	44.286	49.919
4)	MA Heptachlor	4.923	3.959	121.9E6	131.5E6	45.757	50.923
5)	MB Aldrin	5.265	4.239	115.3E6	123.3E6	44.685	50.129
6)	B beta-BHC	4.530	3.918	59002355	57517626	43.629	48.865
7)	B delta-BHC	4.778	4.148	121.3E6	126.7E6	44.536	49.989
8)	B Heptachlo...	5.690	4.742	110.0E6	113.8E6	44.943	50.489
9)	A Endosulfan I	6.076	5.112	102.3E6	106.6E6	45.558	50.520
10)	B gamma-Chl...	5.946	4.992	110.9E6	118.6E6	45.904	50.164
11)	B alpha-Chl...	6.025	5.056	109.7E6	117.7E6	45.549	50.028
12)	B 4,4'-DDE	6.198	5.245	96538373	106.6E6	46.144	51.002
13)	MA Dieldrin	6.351	5.376	107.5E6	114.4E6	45.630	50.251
14)	MA Endrin	6.579	5.651	93544624	102.9E6	48.238m	50.519
15)	B Endosulfa...	6.799	5.944	95597028	100.9E6	47.239	52.132m
16)	A 4,4'-DDD	6.715	5.799	81640329	85878216	54.017	52.023
17)	MA 4,4'-DDT	7.029	6.050	88312451	94345621	49.751	53.110
18)	B Endrin al...	6.929	6.125	74770271	78020926	46.837	50.088
19)	B Endosulfa...	7.163	6.348	89412587	96360873	46.602	49.980
20)	A Methoxychlor	7.504	6.625	47256832	50674129	50.259	51.032
21)	B Endrin ke...	7.649	6.852	97687260	111.3E6	46.524	51.091m
22)	Mirex	8.122	7.035	78113234	91543988	45.918	49.048

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 15:45
Operator : AR\AJ
Sample : PB162935BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

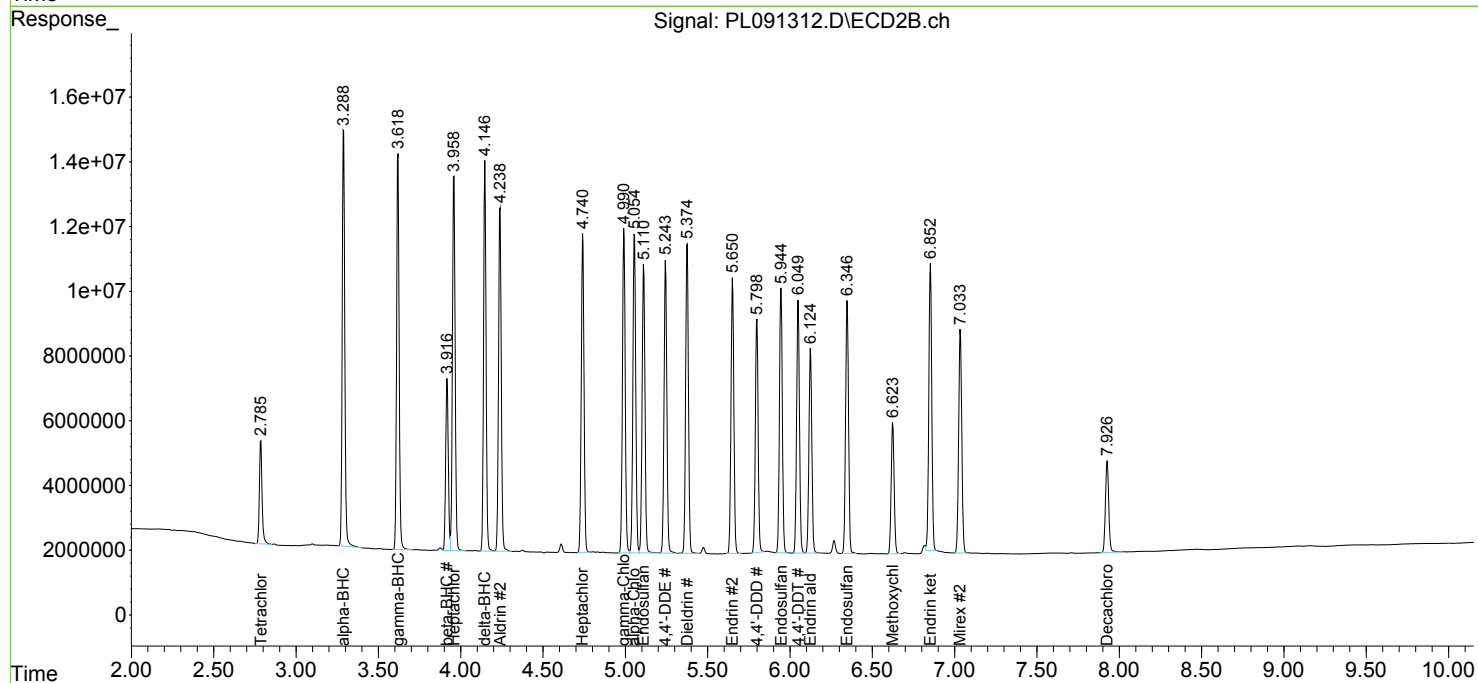
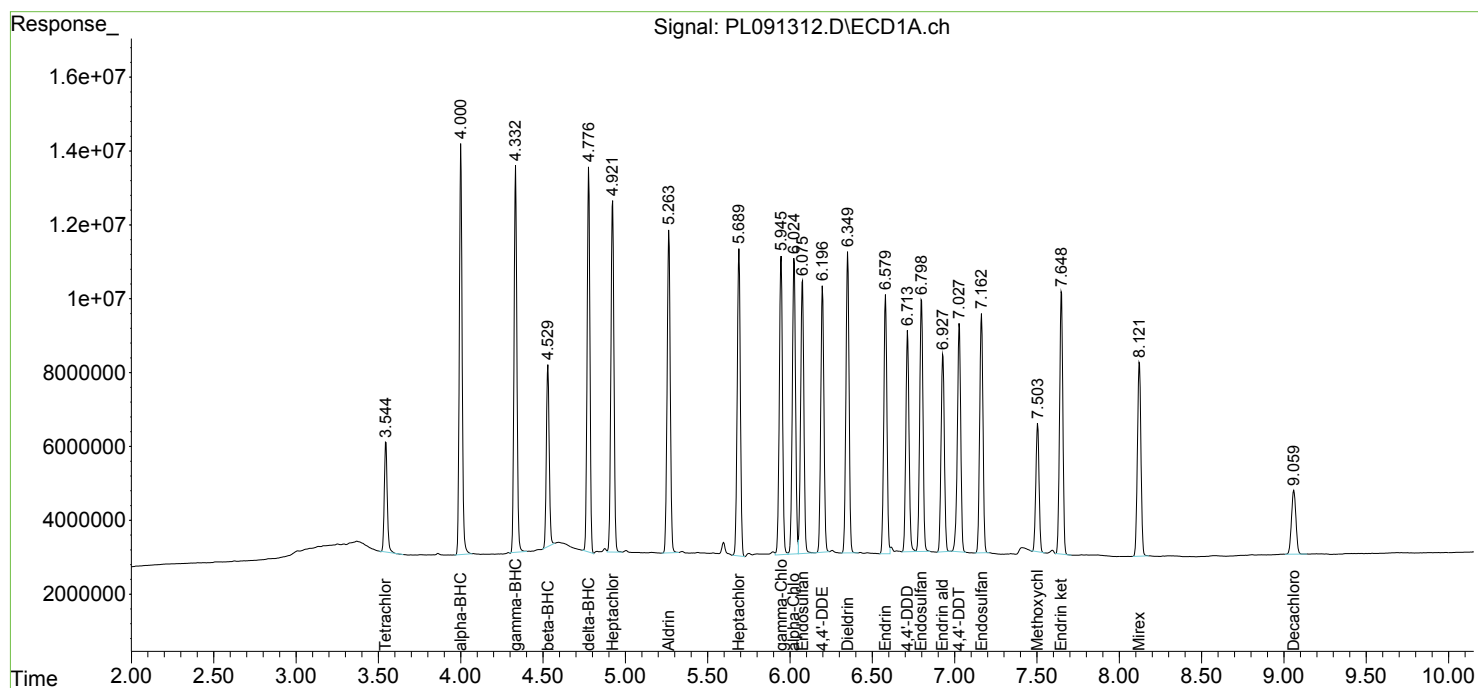
Instrument :
ECD_L
ClientSampleId :
PB162935BS

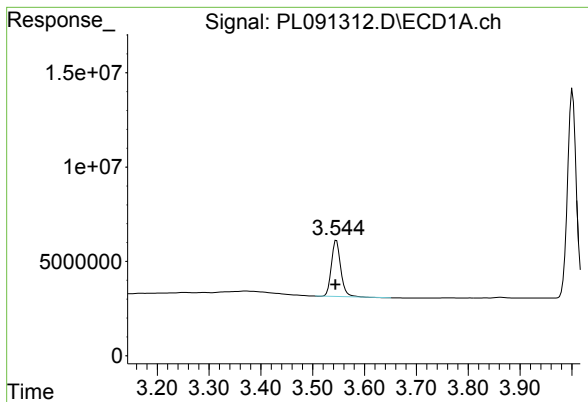
Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:07:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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





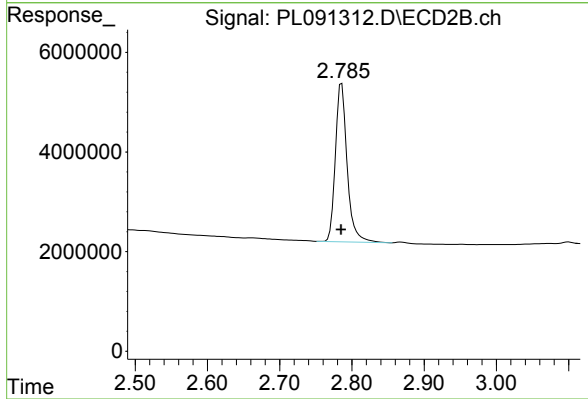
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 37255104
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

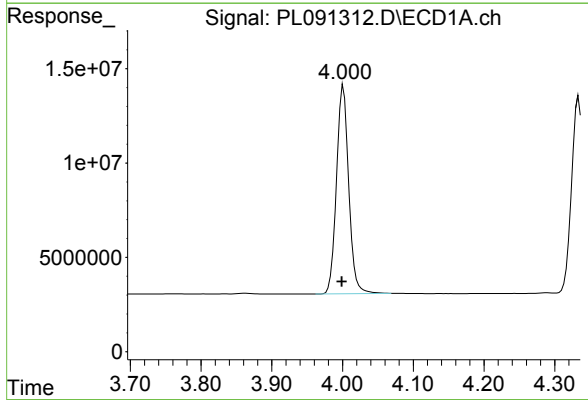
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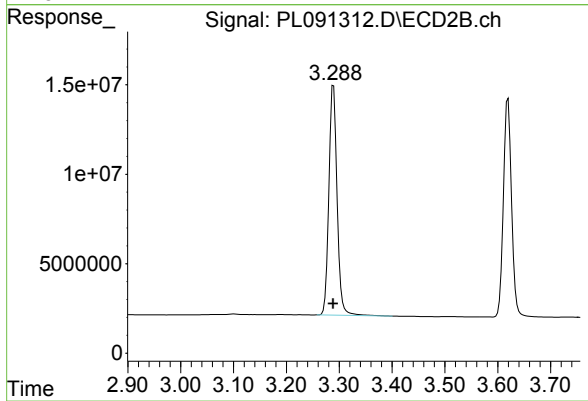
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 36018870
Conc: 18.45 ng/ml



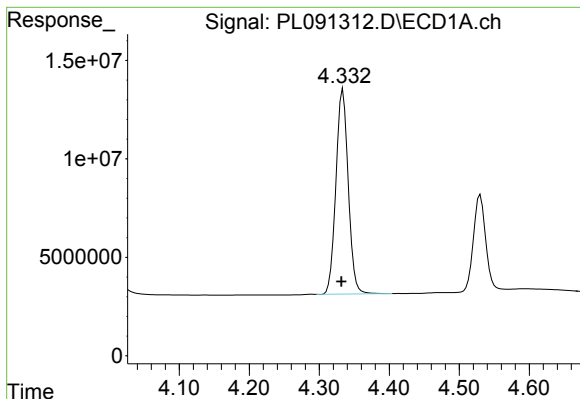
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 132541257
Conc: 44.21 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 138785267
Conc: 50.04 ng/ml



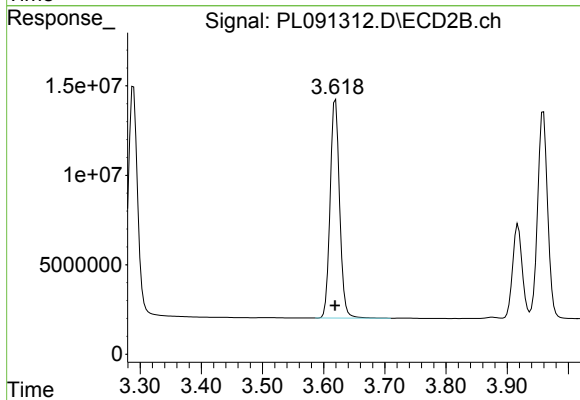
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 127041936
Conc: 44.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

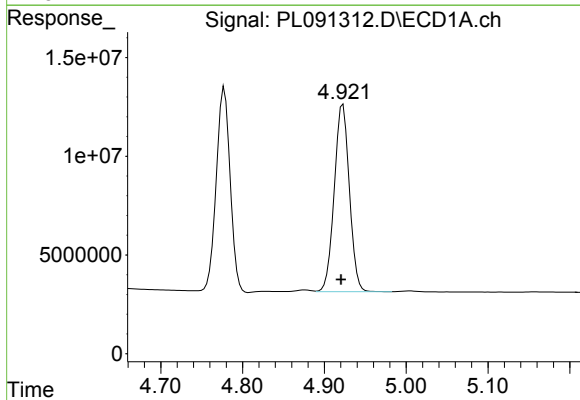
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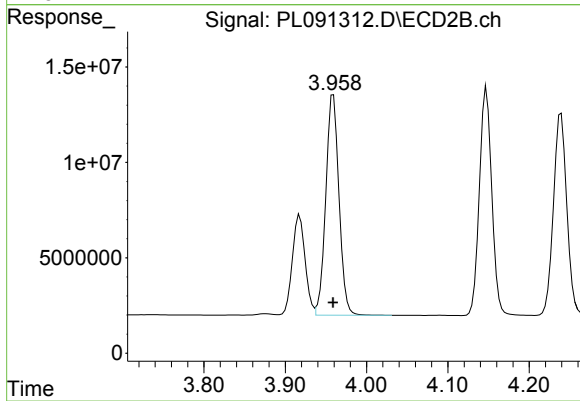
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 131483803
Conc: 49.92 ng/ml



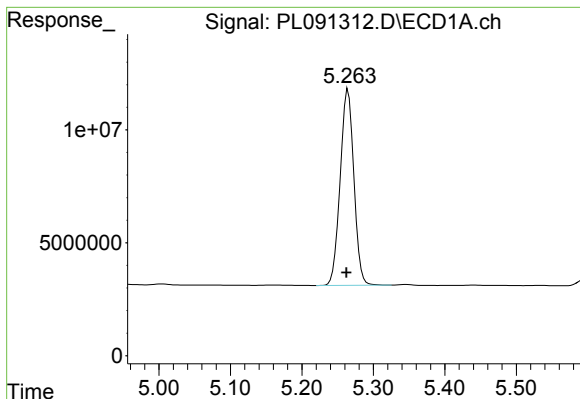
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 121850385
Conc: 45.76 ng/ml



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 131519557
Conc: 50.92 ng/ml



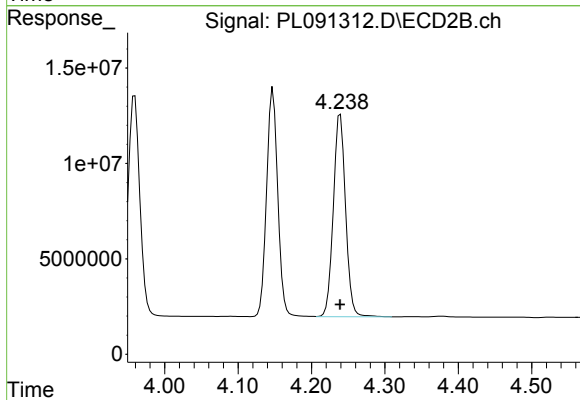
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.002 min
Response: 115326574
Conc: 44.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

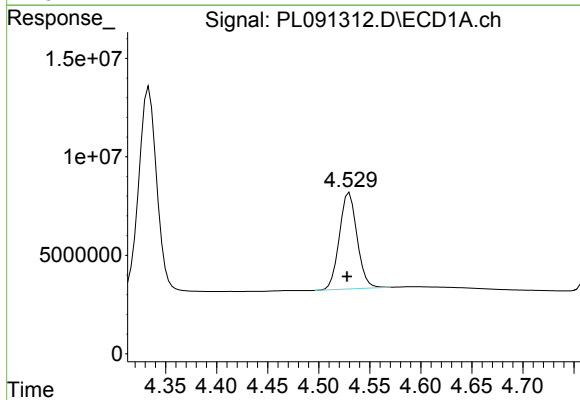
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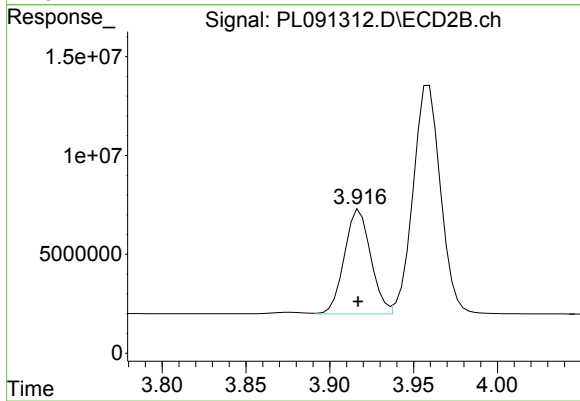
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 123276169
Conc: 50.13 ng/ml



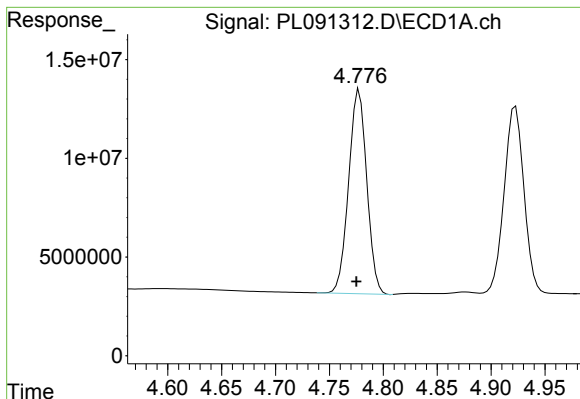
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 59002355
Conc: 43.63 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 57517626
Conc: 48.87 ng/ml



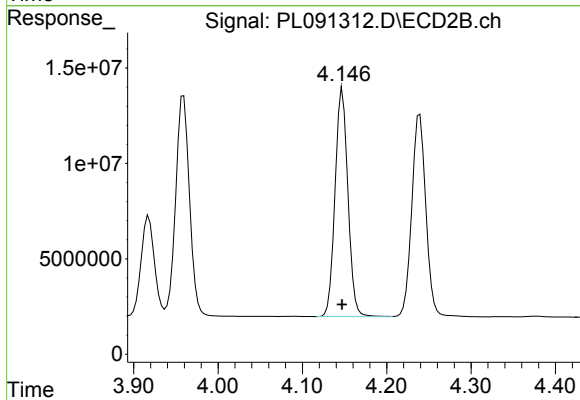
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 121250371
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

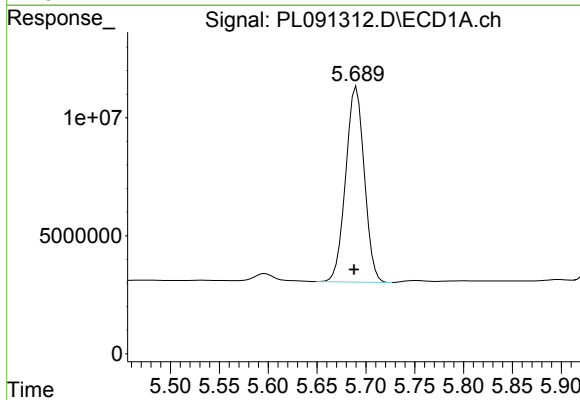
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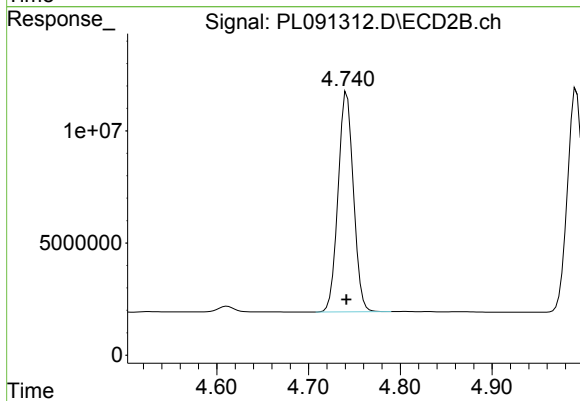
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: 0.000 min
Response: 126681844
Conc: 49.99 ng/ml



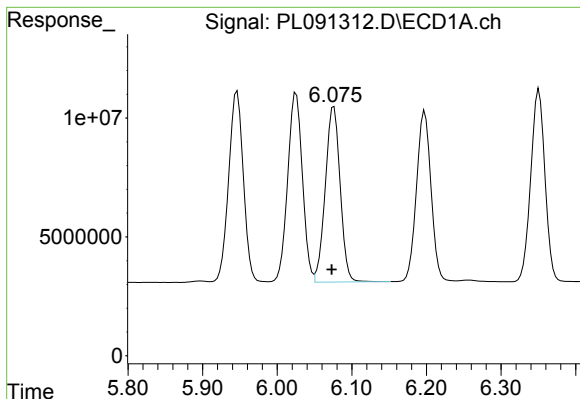
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.003 min
Response: 109954028
Conc: 44.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 113845720
Conc: 50.49 ng/ml



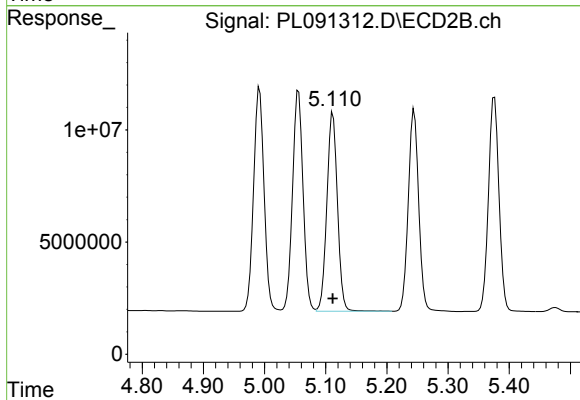
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 102294088
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

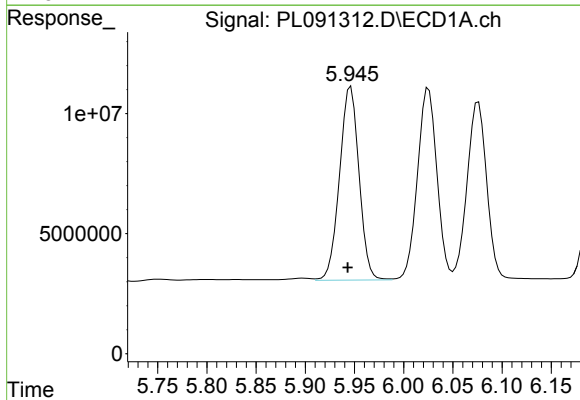
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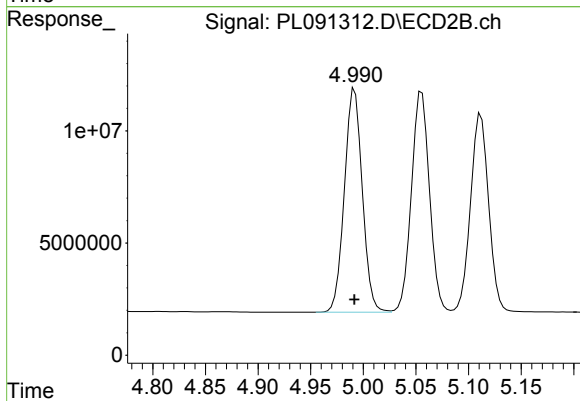
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 106606657
Conc: 50.52 ng/ml



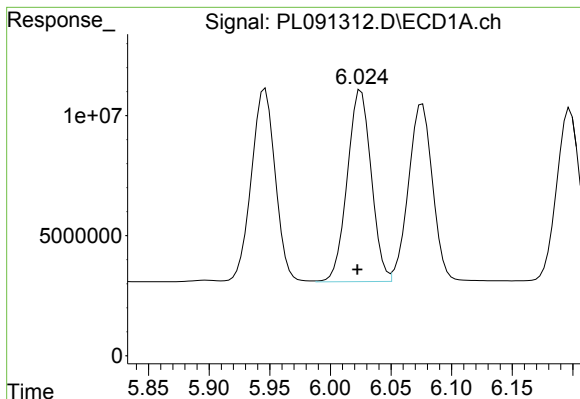
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 110924038
Conc: 45.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 118584829
Conc: 50.16 ng/ml



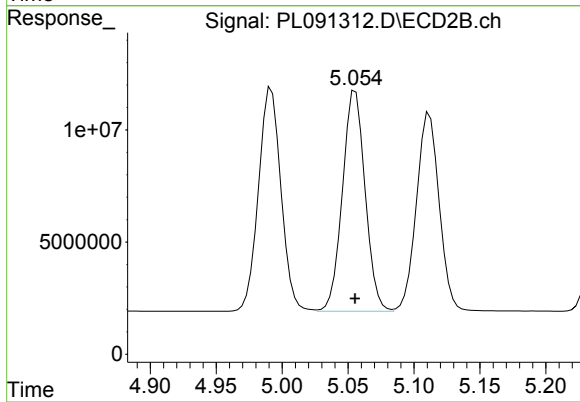
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.003 min
Response: 109668846
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

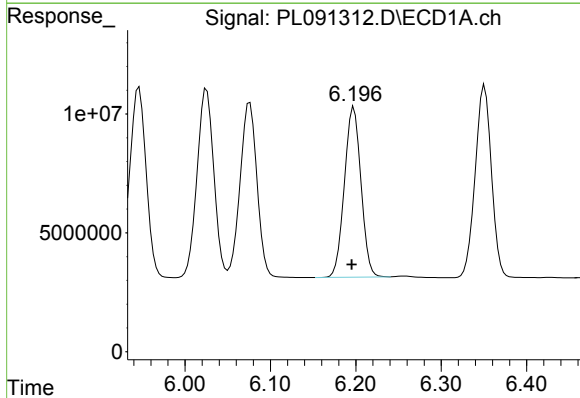
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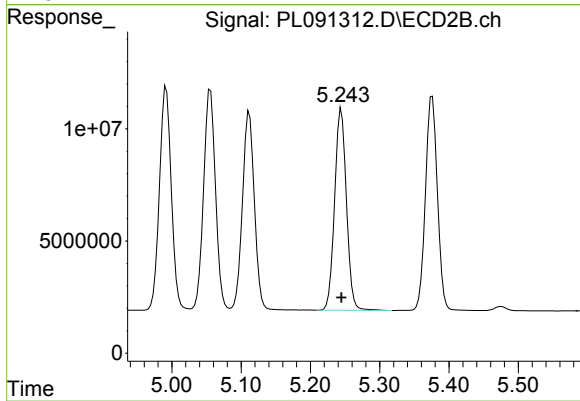
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 117693721
Conc: 50.03 ng/ml



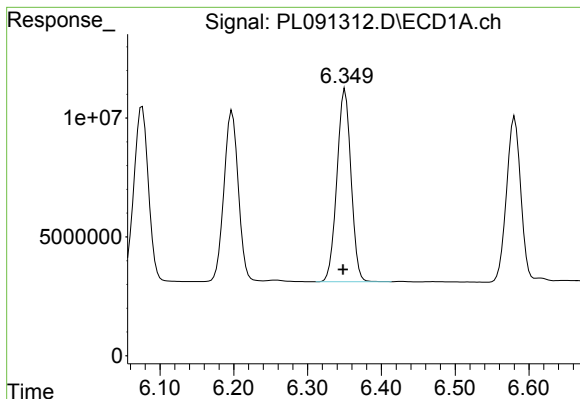
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 96538373
Conc: 46.14 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 106563313
Conc: 51.00 ng/ml



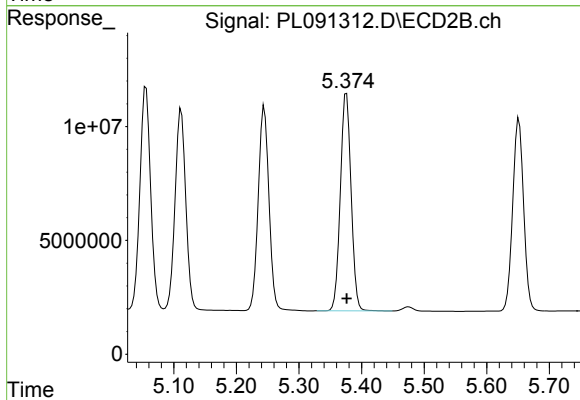
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 107468147
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

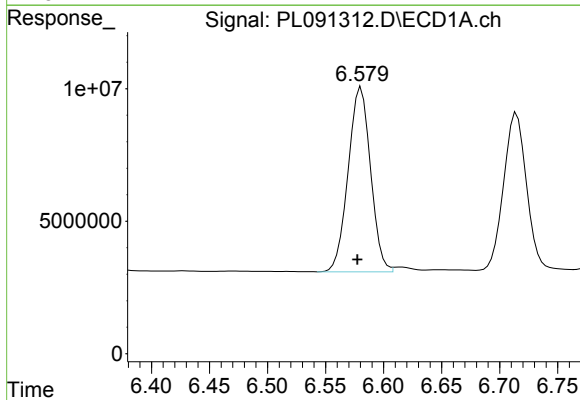
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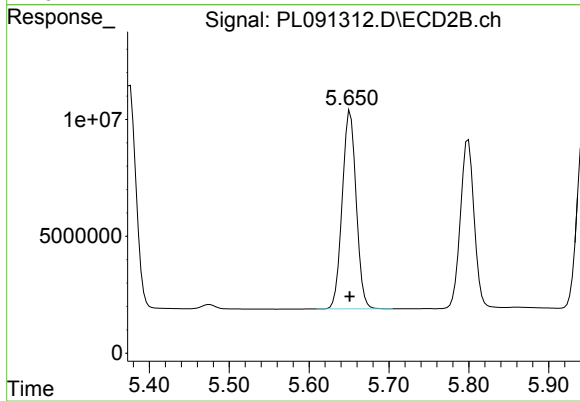
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 114448038
Conc: 50.25 ng/ml



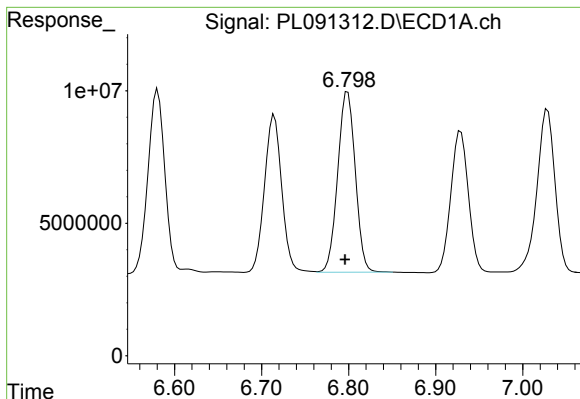
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 93544624
Conc: 48.24 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 102914229
Conc: 50.52 ng/ml



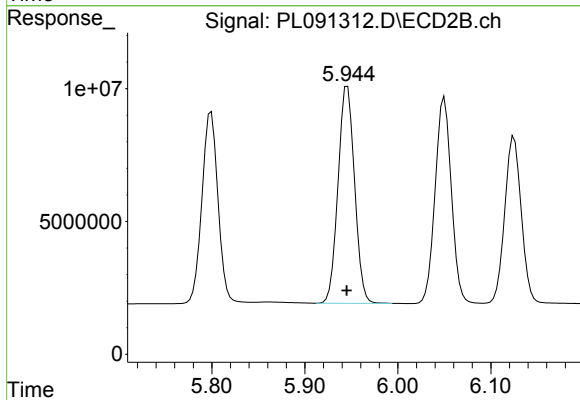
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 95597028
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

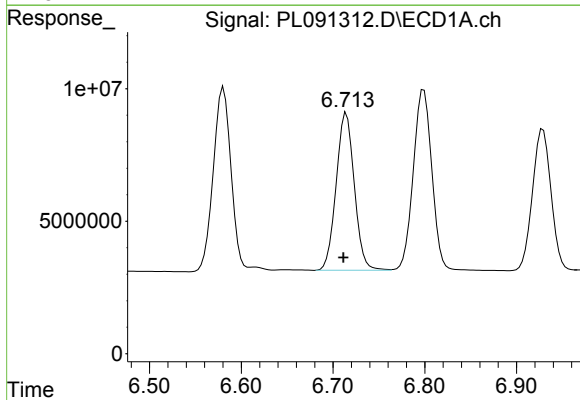
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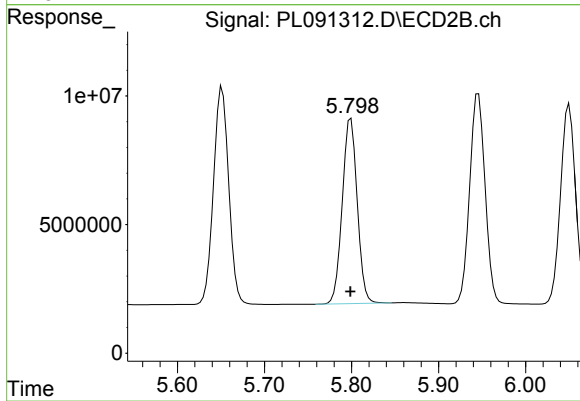
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 100859495
Conc: 52.13 ng/ml m



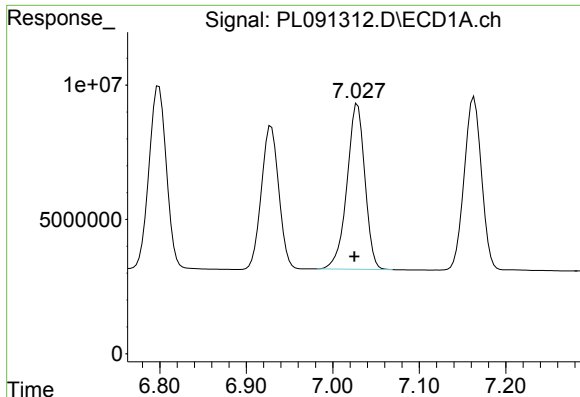
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.003 min
Response: 81640329
Conc: 54.02 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 85878216
Conc: 52.02 ng/ml



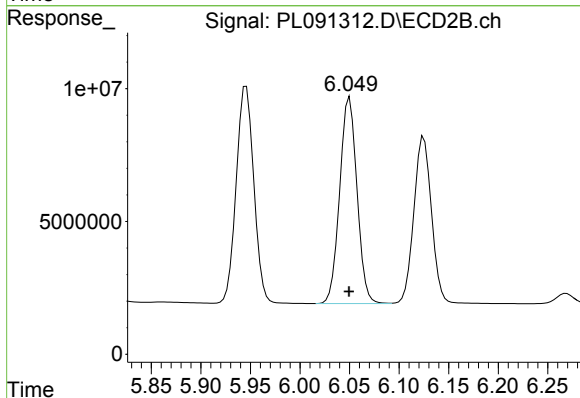
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.004 min
Response: 88312451
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

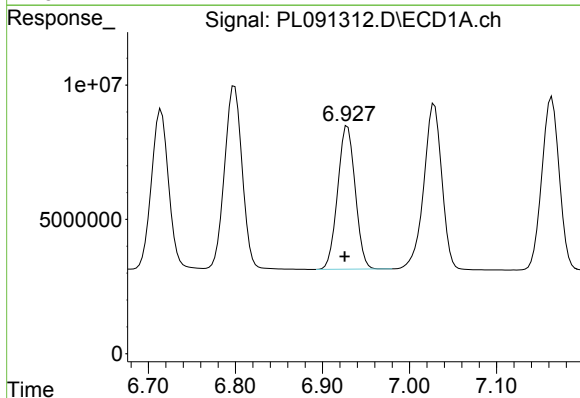
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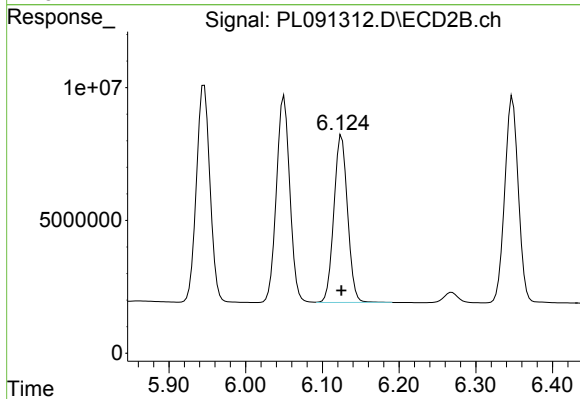
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 94345621
Conc: 53.11 ng/ml



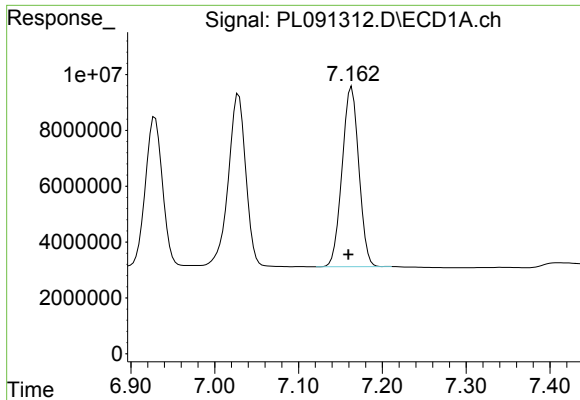
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.003 min
Response: 74770271
Conc: 46.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 78020926
Conc: 50.09 ng/ml



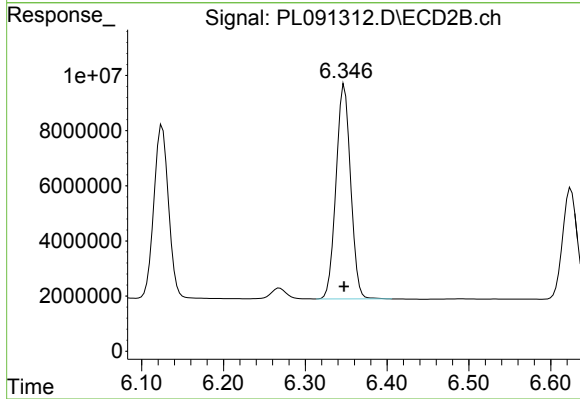
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.004 min
Response: 89412587
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

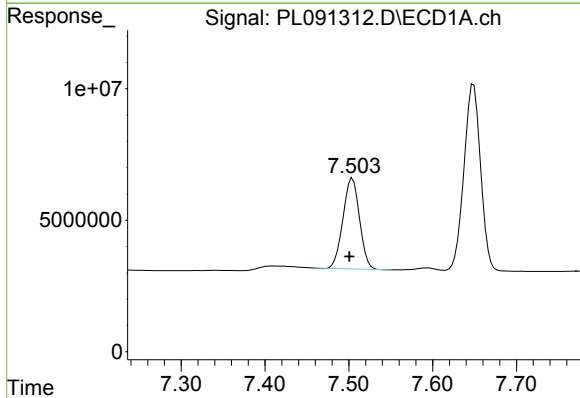
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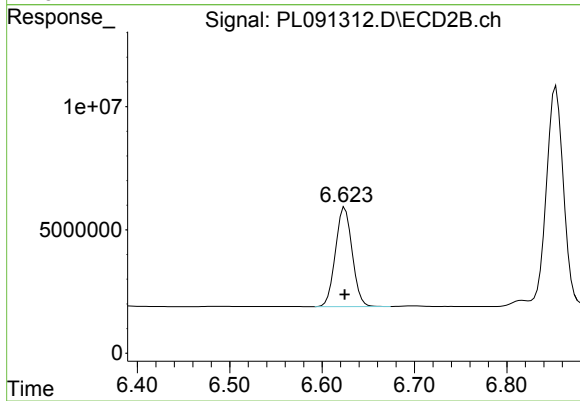
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 96360873
Conc: 49.98 ng/ml



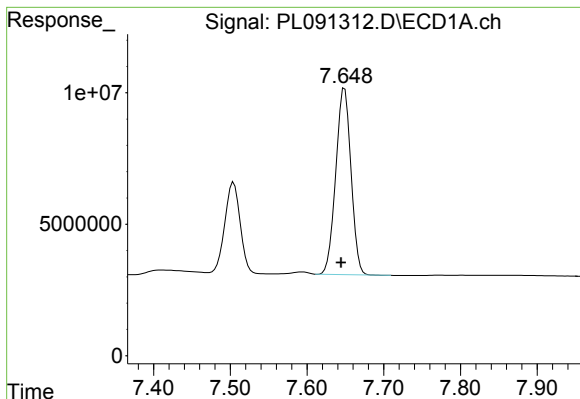
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 47256832
Conc: 50.26 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 50674129
Conc: 51.03 ng/ml



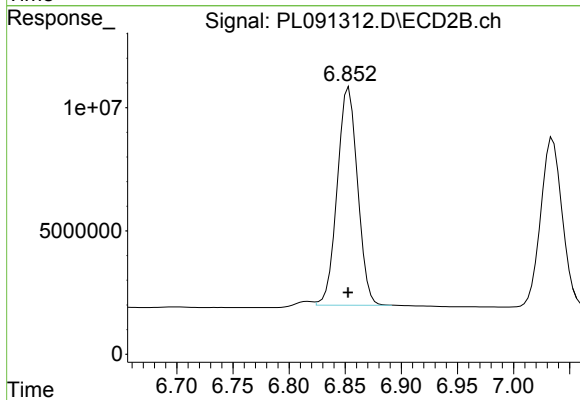
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 97687260
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

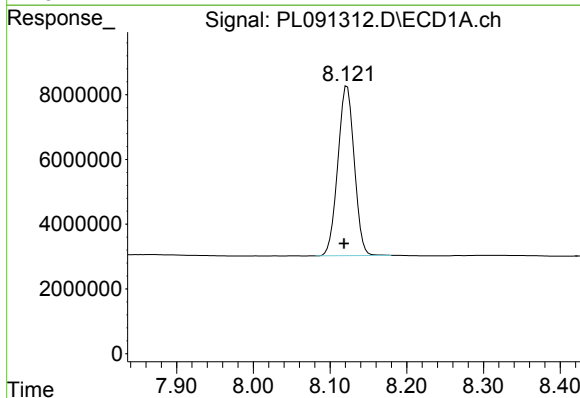
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Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



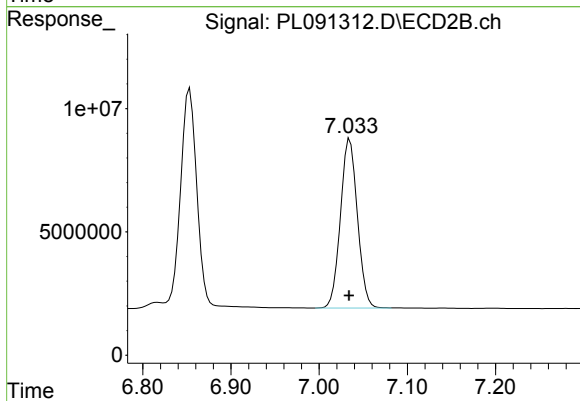
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 111275542
Conc: 51.09 ng/ml m



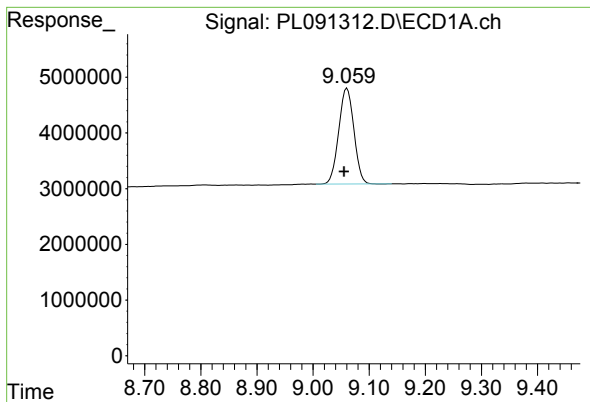
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.004 min
Response: 78113234
Conc: 45.92 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: 0.001 min
Response: 91543988
Conc: 49.05 ng/ml



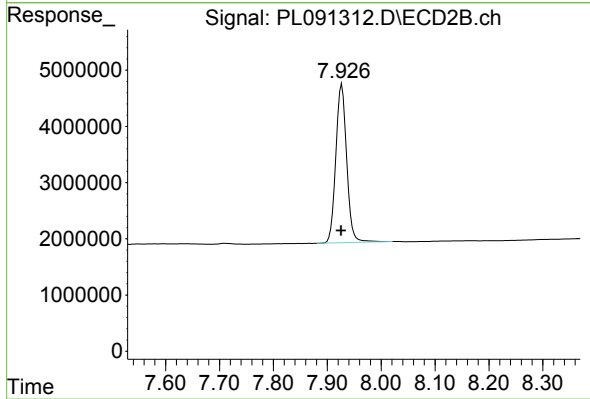
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.005 min
Response: 32263968
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162935BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 39470160
Conc: 20.84 ng/ml