

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082724\
 Data File : PL091364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2024 20:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/28/2024
 Supervised By :Ankita Jodhani 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 07:48:11 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...	3.544	2.785	96439880	103.7E6	44.915	53.117
28)	SA Decachlor...	9.054	7.922	70709717	91071892	46.381	48.082
Target Compounds							
2)	A alpha-BHC	3.999	3.287	137.3E6	150.0E6	45.801	54.076
3)	MA gamma-BHC...	4.331	3.617	131.3E6	141.6E6	45.780	53.762
4)	MA Heptachlor	4.920	3.956	116.8E6	130.9E6	43.845	50.681
5)	MB Aldrin	5.261	4.235	116.0E6	127.9E6	44.945	52.007m
6)	B beta-BHC	4.527	3.915	64014129	63318679	47.335	53.794
7)	B delta-BHC	4.775	4.143	134.3E6	147.2E6	49.337	58.099m
8)	B Heptachlo...	5.686	4.738	109.2E6	116.7E6	44.654m	51.777
9)	A Endosulfan I	6.071	5.108	99371520	101.2E6	44.257m	47.966
10)	B gamma-Chl...	5.941	4.988	107.7E6	121.6E6	44.581m	51.445
11)	B alpha-Chl...	6.020	5.052	107.8E6	120.2E6	44.790m	51.107
12)	B 4,4'-DDE	6.193	5.240	94344077	109.0E6	45.095m	52.167m
13)	MA Dieldrin	6.347	5.371	105.4E6	116.4E6	44.770	51.103m
14)	MA Endrin	6.575	5.647	86869556	102.7E6	44.796m	50.409
15)	B Endosulfa...	6.795	5.941	93885472	103.2E6	46.394	53.328m
16)	A 4,4'-DDD	6.710	5.796	82450229	92279588	54.553	55.900
17)	MA 4,4'-DDT	7.025	6.044	77090290	84036027	43.429	47.307m
18)	B Endrin al...	6.925	6.121	69643162	75126229	43.625	48.229
19)	B Endosulfa...	7.159	6.343	88510779	99319344	46.132	51.514
20)	A Methoxychlor	7.499	6.621	42432448	46189092	45.128	46.516
21)	B Endrin ke...	7.644	6.847	96484920	113.7E6	45.951	52.205m
22)	Mirex	8.117	7.031	74414863	89436519	43.744	47.918

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082724\
Data File : PL091364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2024 20:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

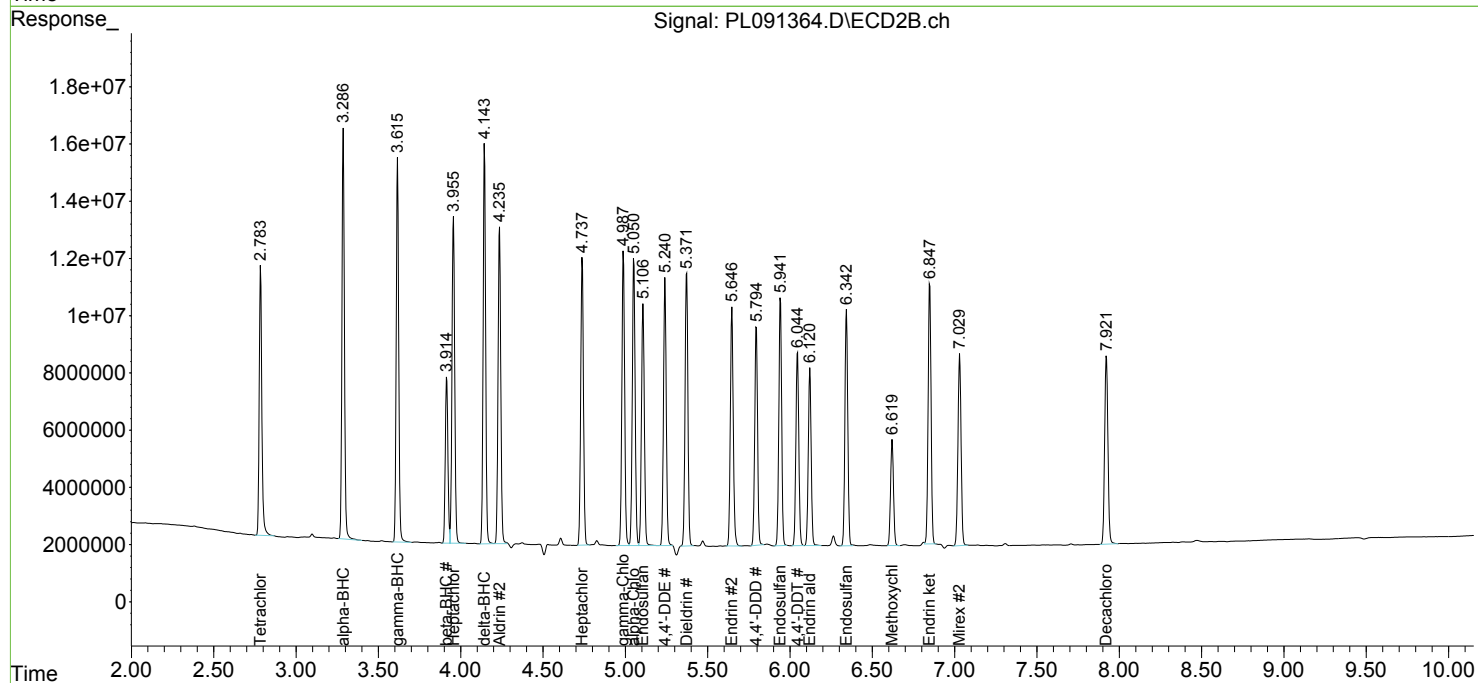
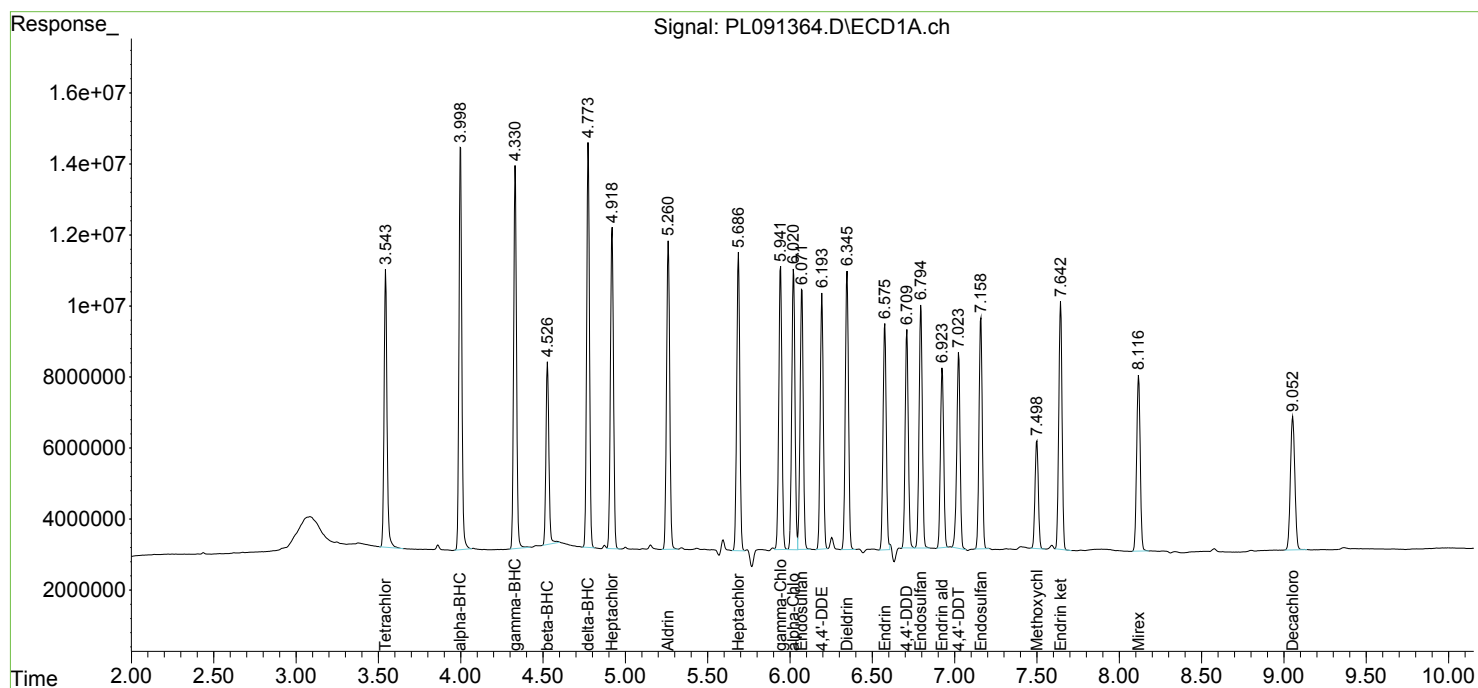
APPROVED

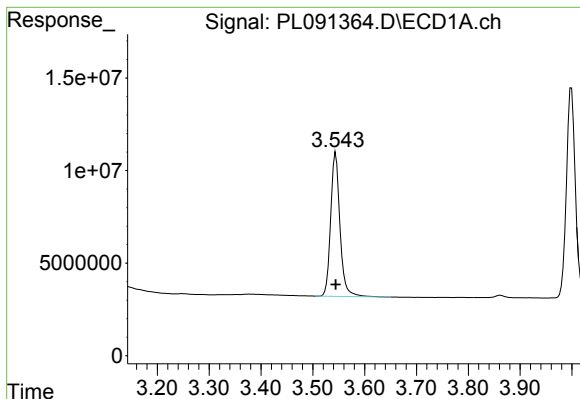
Reviewed By :Abdul Mirza 08/28/2024

Supervised By :Ankita Jodhani 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 07:48:11 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





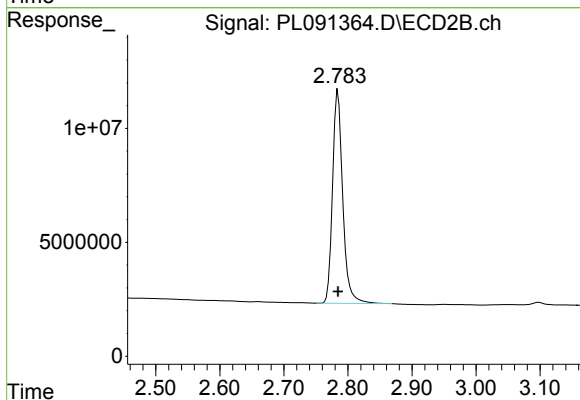
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 96439880
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

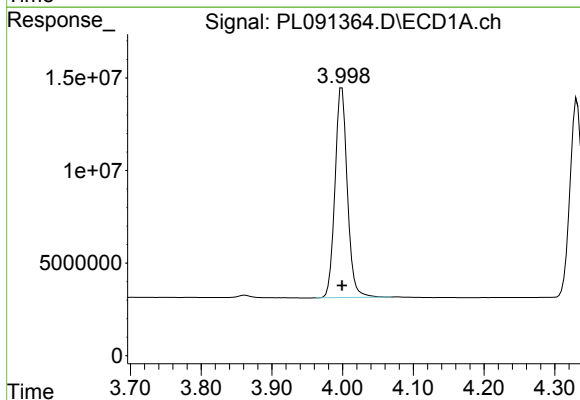
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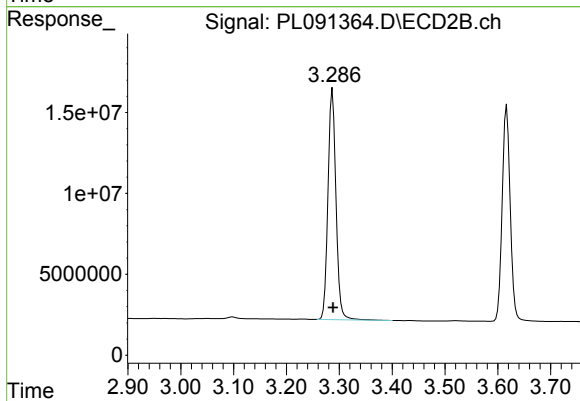
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 103684464
Conc: 53.12 ng/ml



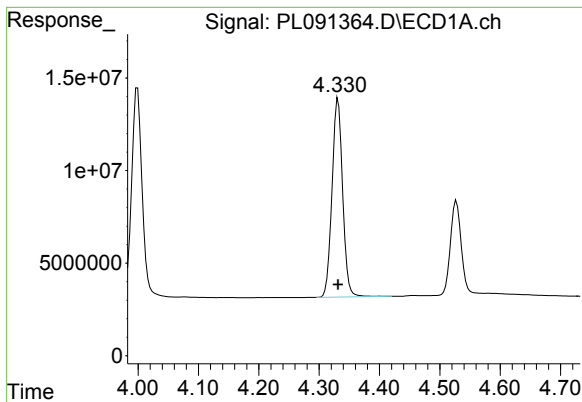
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 137303074
Conc: 45.80 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 149978184
Conc: 54.08 ng/ml



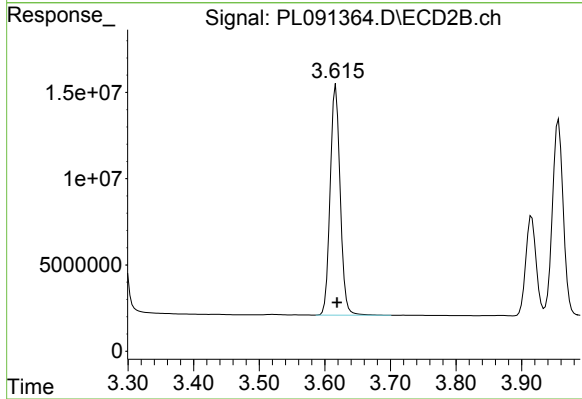
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 131325960
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

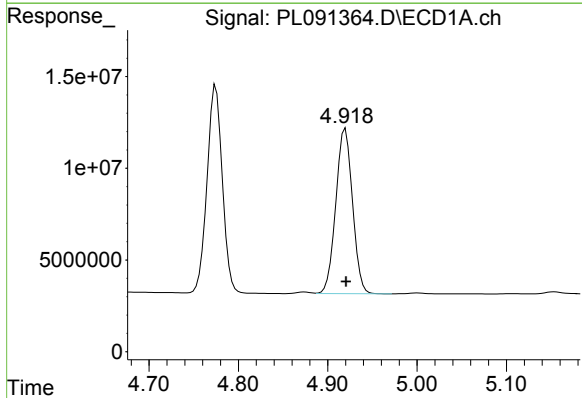
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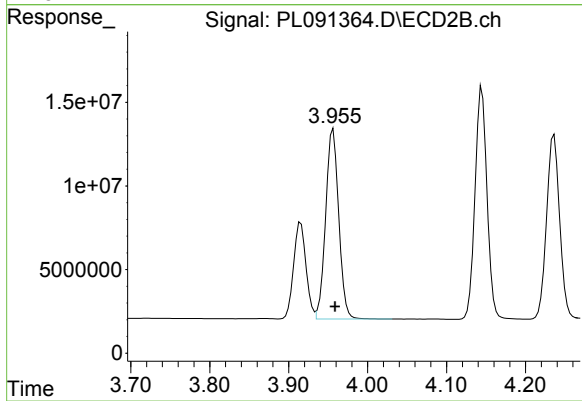
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.002 min
Response: 141606664
Conc: 53.76 ng/ml



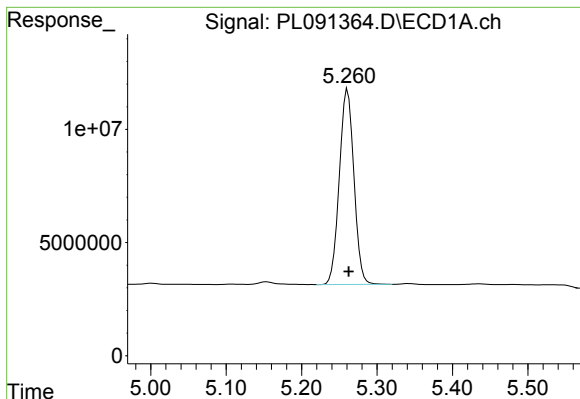
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 116758857
Conc: 43.84 ng/ml



#4 Heptachlor

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 130893431
Conc: 50.68 ng/ml



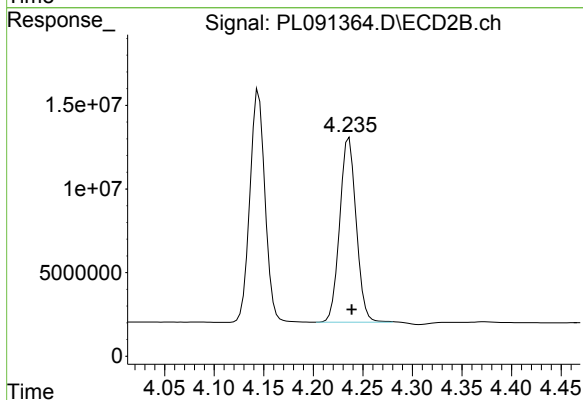
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 115996430
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

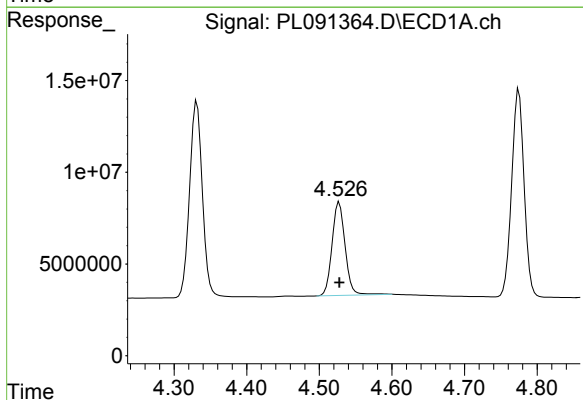
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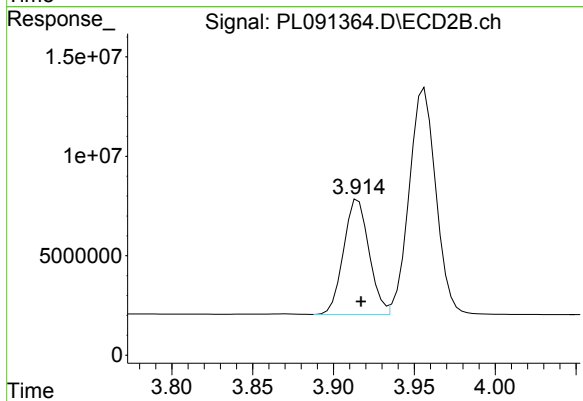
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: -0.004 min
Response: 127893487
Conc: 52.01 ng/ml m



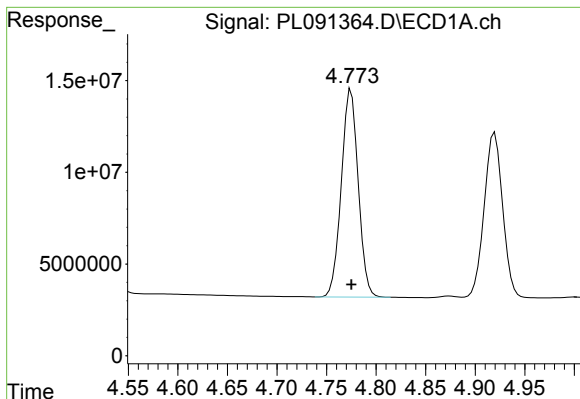
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 64014129
Conc: 47.34 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: -0.002 min
Response: 63318679
Conc: 53.79 ng/ml



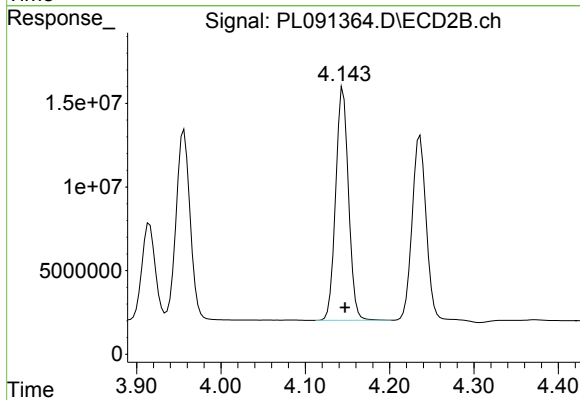
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 134321007
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

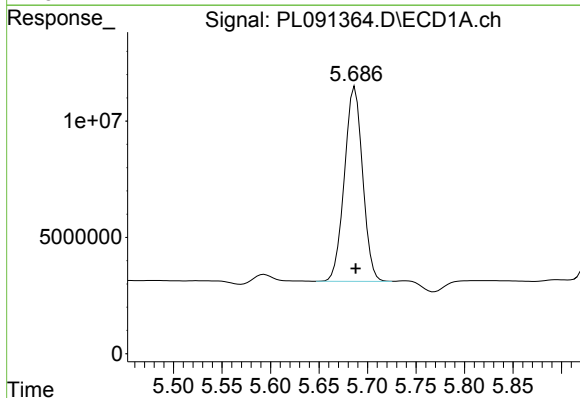
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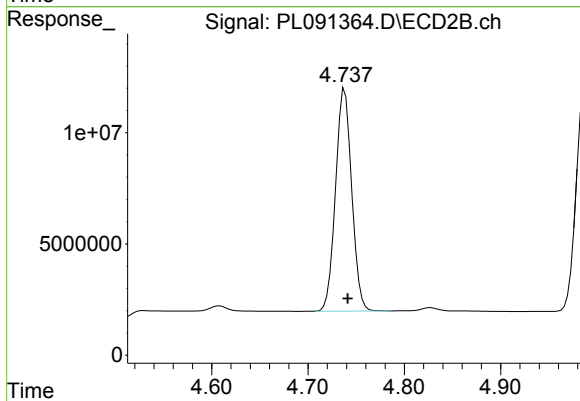
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.004 min
Response: 147235916
Conc: 58.10 ng/ml m



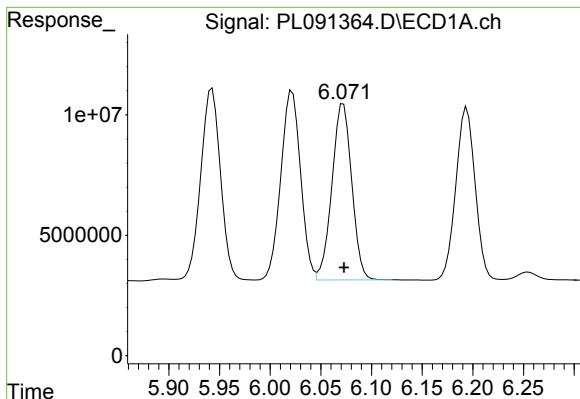
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 109248924
Conc: 44.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 116749810
Conc: 51.78 ng/ml



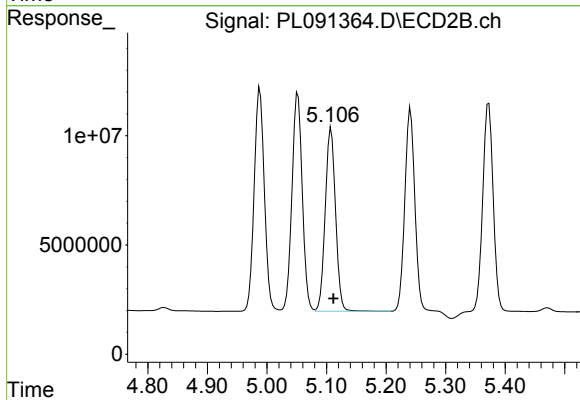
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 99371520
Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

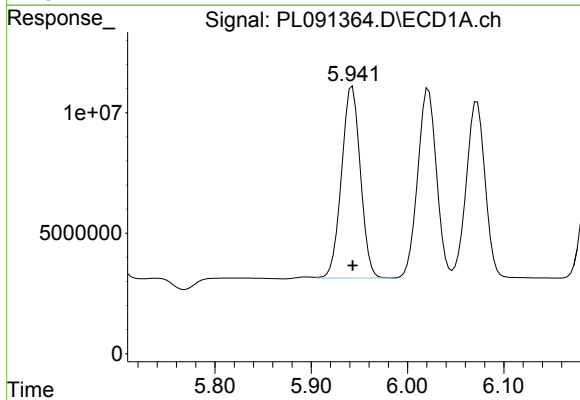
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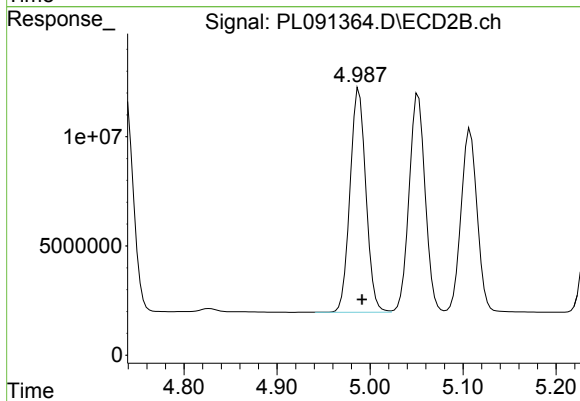
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 101216379
Conc: 47.97 ng/ml



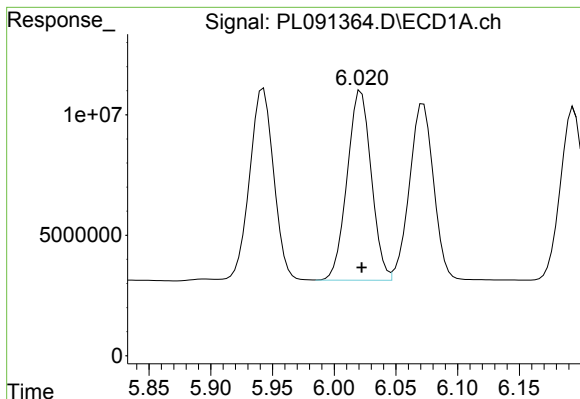
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 107725653
Conc: 44.58 ng/ml m



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 121612860
Conc: 51.44 ng/ml



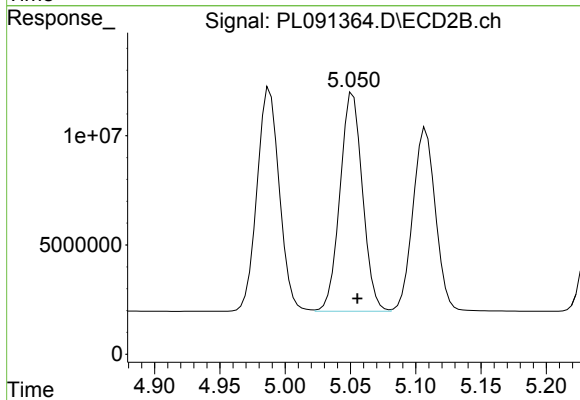
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 107841745
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

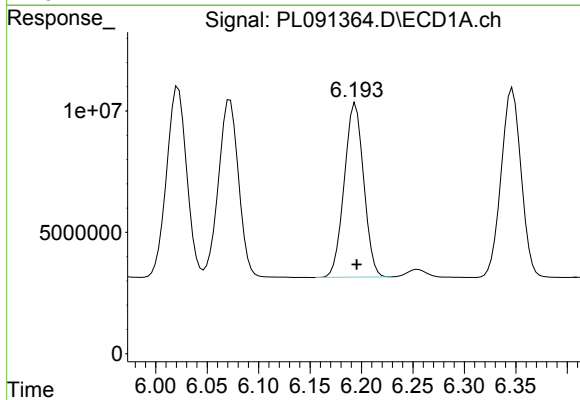
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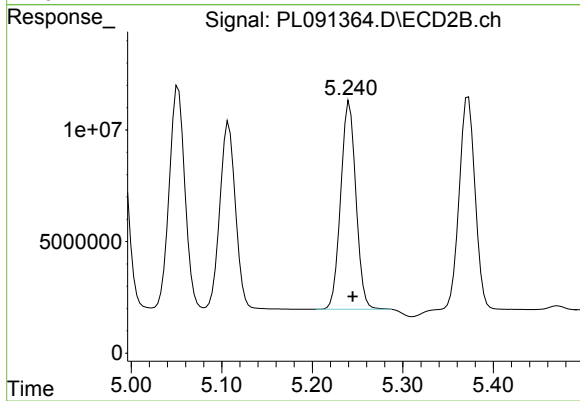
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 120232392
Conc: 51.11 ng/ml



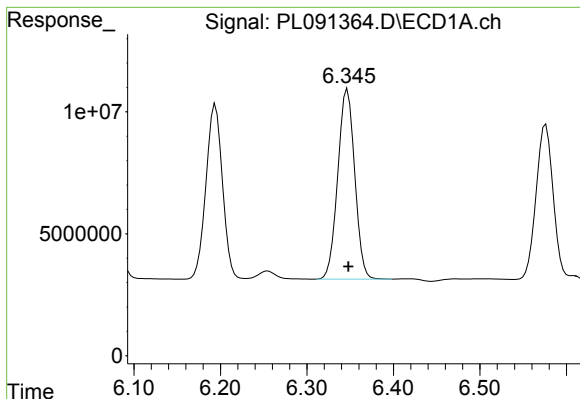
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 94344077
Conc: 45.10 ng/ml m



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.005 min
Response: 108999060
Conc: 52.17 ng/ml m



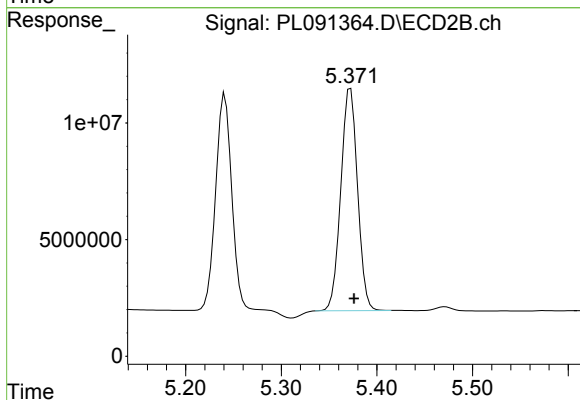
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 105442639
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

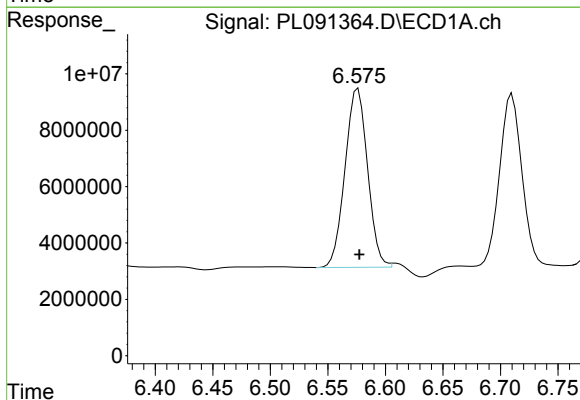
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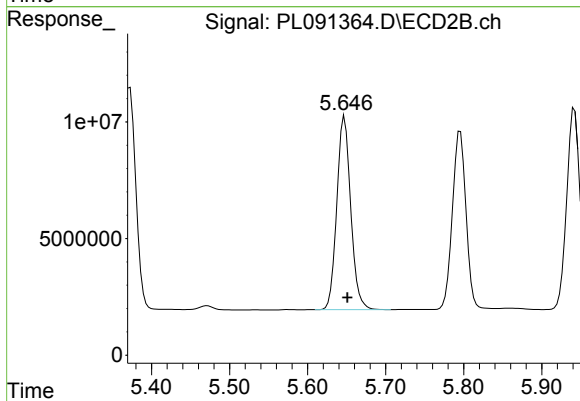
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.005 min
Response: 116387537
Conc: 51.10 ng/ml m



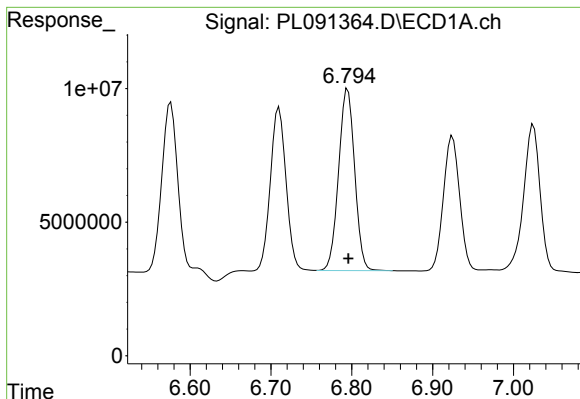
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 86869556
Conc: 44.80 ng/ml m



#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.004 min
Response: 102689657
Conc: 50.41 ng/ml



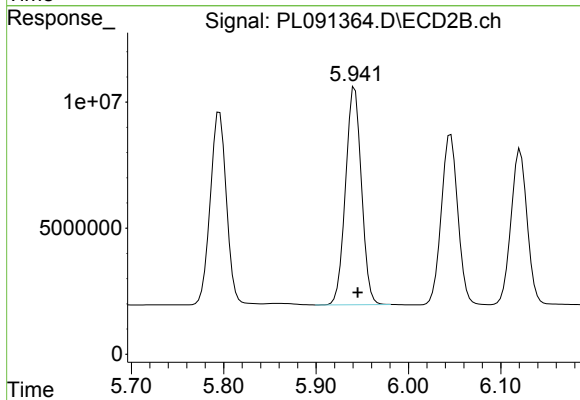
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 93885472
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

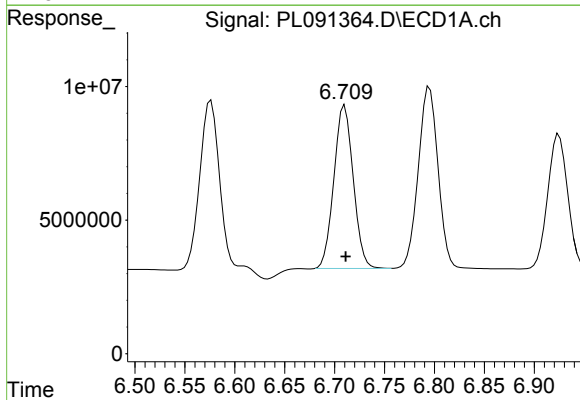
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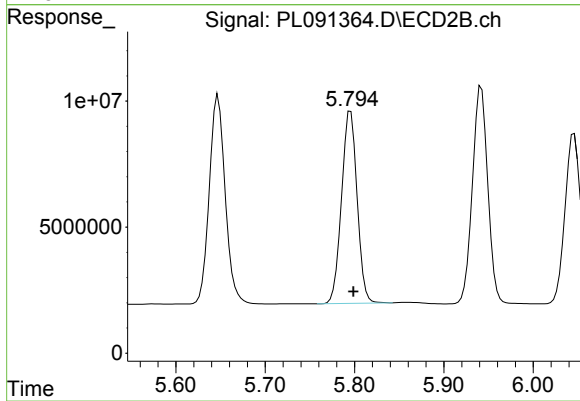
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 103172323
Conc: 53.33 ng/ml m



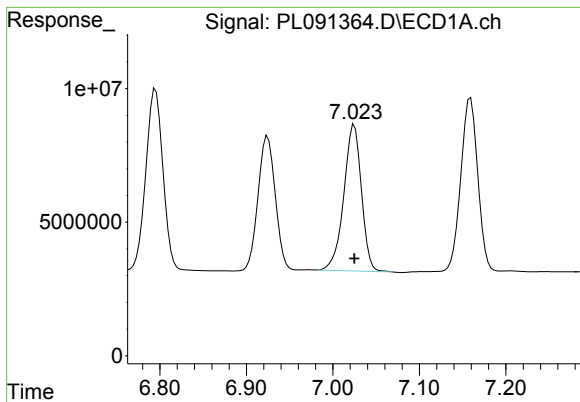
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 82450229
Conc: 54.55 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 92279588
Conc: 55.90 ng/ml



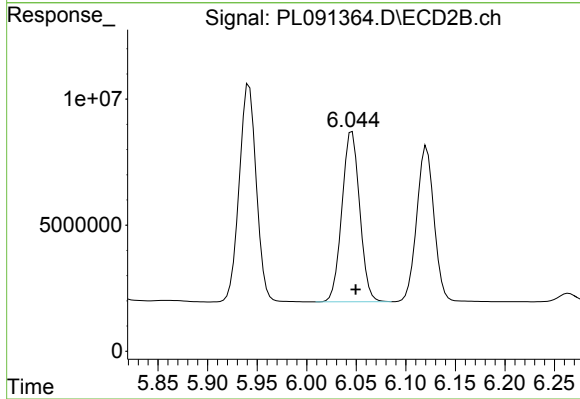
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 77090290
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

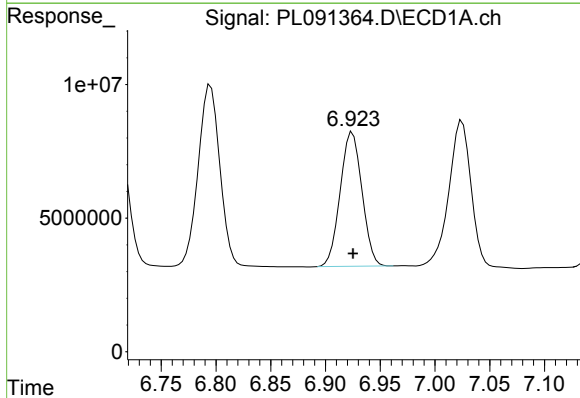
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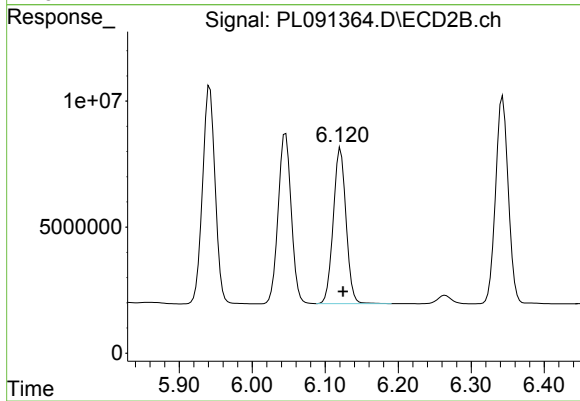
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.005 min
Response: 84036027
Conc: 47.31 ng/ml m



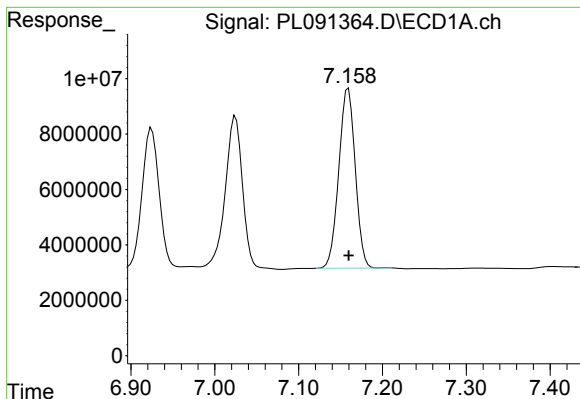
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 69643162
Conc: 43.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 75126229
Conc: 48.23 ng/ml



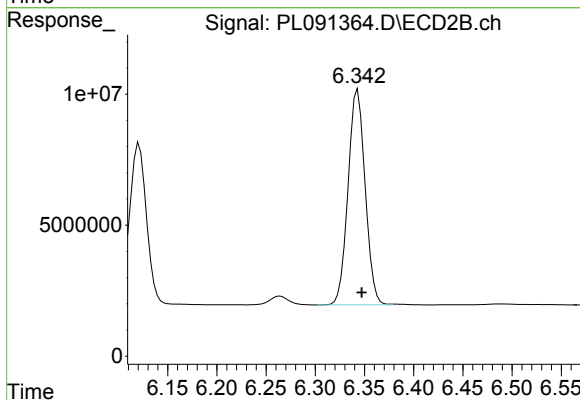
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 88510779
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

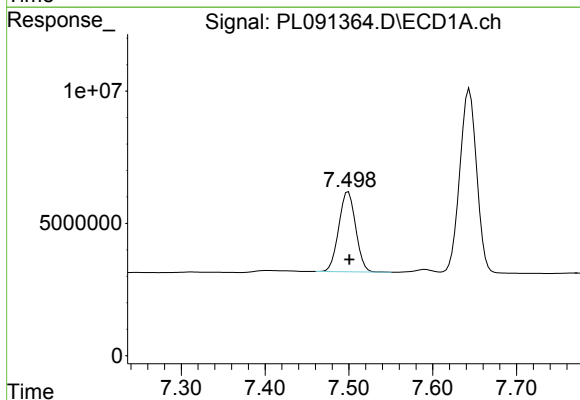
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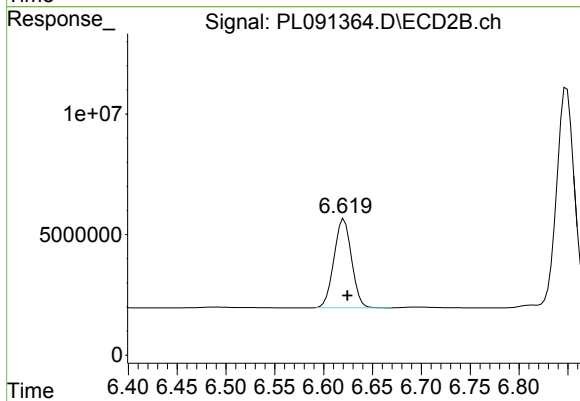
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.004 min
Response: 99319344
Conc: 51.51 ng/ml



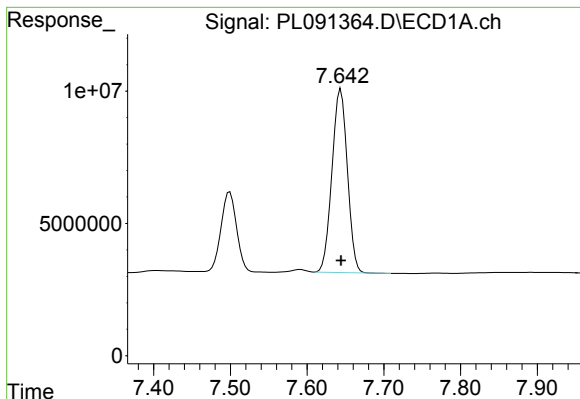
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 42432448
Conc: 45.13 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 46189092
Conc: 46.52 ng/ml



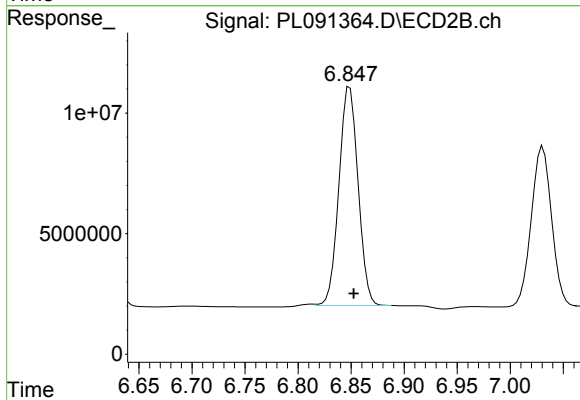
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 96484920
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

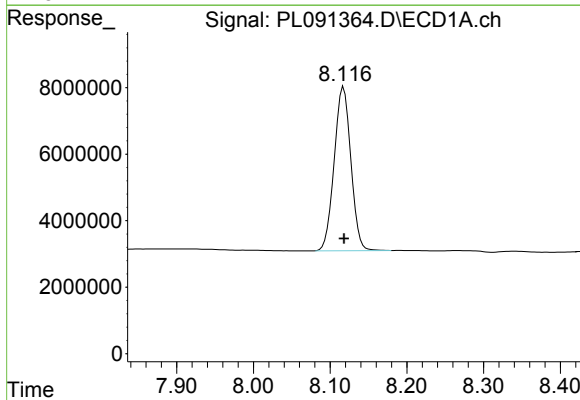
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/28/2024
Supervised By :Ankita Jodhani 08/28/2024



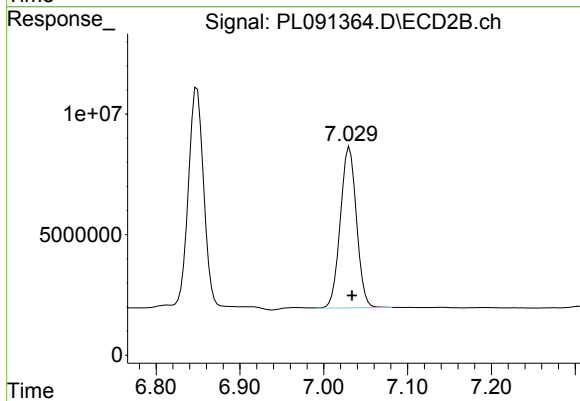
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.005 min
Response: 113699817
Conc: 52.20 ng/ml m



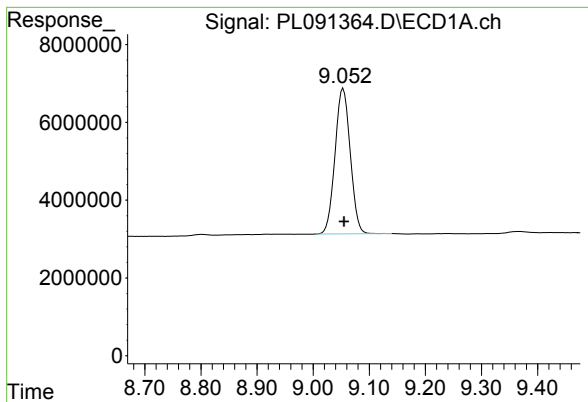
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 74414863
Conc: 43.74 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 89436519
Conc: 47.92 ng/ml



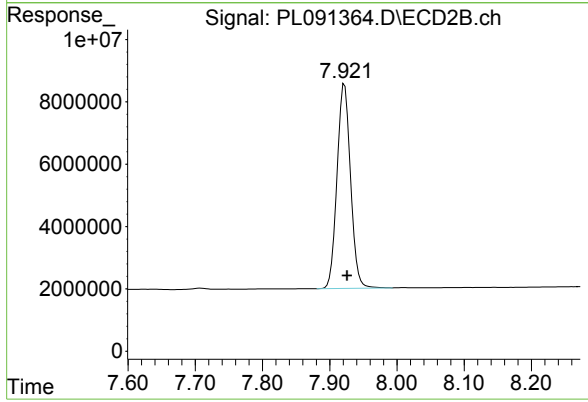
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 70709717
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/28/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: -0.004 min
Response: 91071892
Conc: 48.08 ng/ml