

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071624\
 Data File : PL090548.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2024 16:48
 Operator : AR\AJ
 Sample : P3255-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-07152024MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 23:58:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.547	2.789	36765179	28593533	17.657	16.990
28)	SA Decachlor...	9.057	7.932	21965276	29118907	16.529	19.971
Target Compounds							
2)	A alpha-BHC	4.001	3.293	120.8E6	108.7E6	40.698m	44.971
3)	MA gamma-BHC...	4.333	3.623	125.0E6	116.1E6	44.647m	50.339
4)	MA Heptachlor	4.922	3.962	105.8E6	98920428	41.557m	44.840m
5)	MB Aldrin	5.264	4.244	120.1E6	101.8E6	48.055m	47.858
6)	B beta-BHC	4.531	3.920	43674440	45051840	34.429m	43.646m#
7)	B delta-BHC	4.776	4.151	109.2E6	105.5E6	40.723m	47.971
8)	B Heptachlo...	5.689	4.746	93898543	88768601	39.950m	45.514
9)	A Endosulfan I	6.074	5.117	93113515	59365789	43.537m	32.462 #
10)	B gamma-Chl...	5.945	4.996	105.3E6	89806047	45.292m	44.296
11)	B alpha-Chl...	6.024	5.061	95703865	89309829	41.688m	44.199
12)	B 4,4'-DDE	6.198	5.249	73944342	98728072	36.570	55.244 #
13)	MA Dieldrin	6.351	5.381	103.6E6	117.7E6	46.620	60.039m#
14)	MA Endrin	6.580	5.655	73421895	82083041	39.937	47.692m
15)	B Endosulfa...	6.799	5.949	82382097	80167402	41.885	46.925m
16)	A 4,4'-DDD	6.713	5.804	79723608	57387310	47.224	38.302
17)	MA 4,4'-DDT	7.028	6.053	82028908	78167470	48.731	53.351m
18)	B Endrin al...	6.928	6.129	59537610	58799387	40.130	45.004
19)	B Endosulfa...	7.163	6.352	75244434	70394904	42.844	43.656
20)	A Methoxychlor	7.503	6.629	37191979	46604772	42.124	57.640m#
21)	B Endrin ke...	7.648	6.856	88215542	76988639	46.210	42.128m
22)	Mirex	8.121	7.039	69618676	64481644	49.157m	43.376m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071624\
Data File : PL090548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2024 16:48
Operator : AR\AJ
Sample : P3255-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

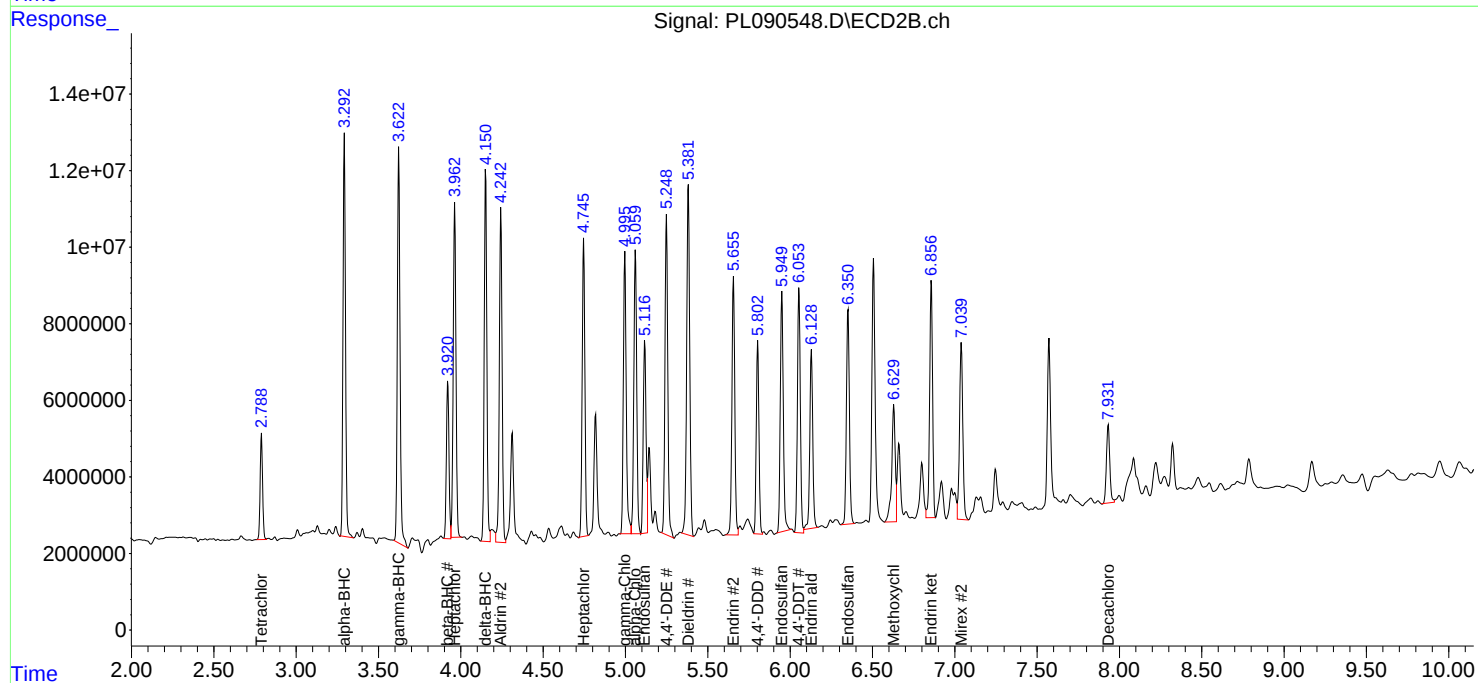
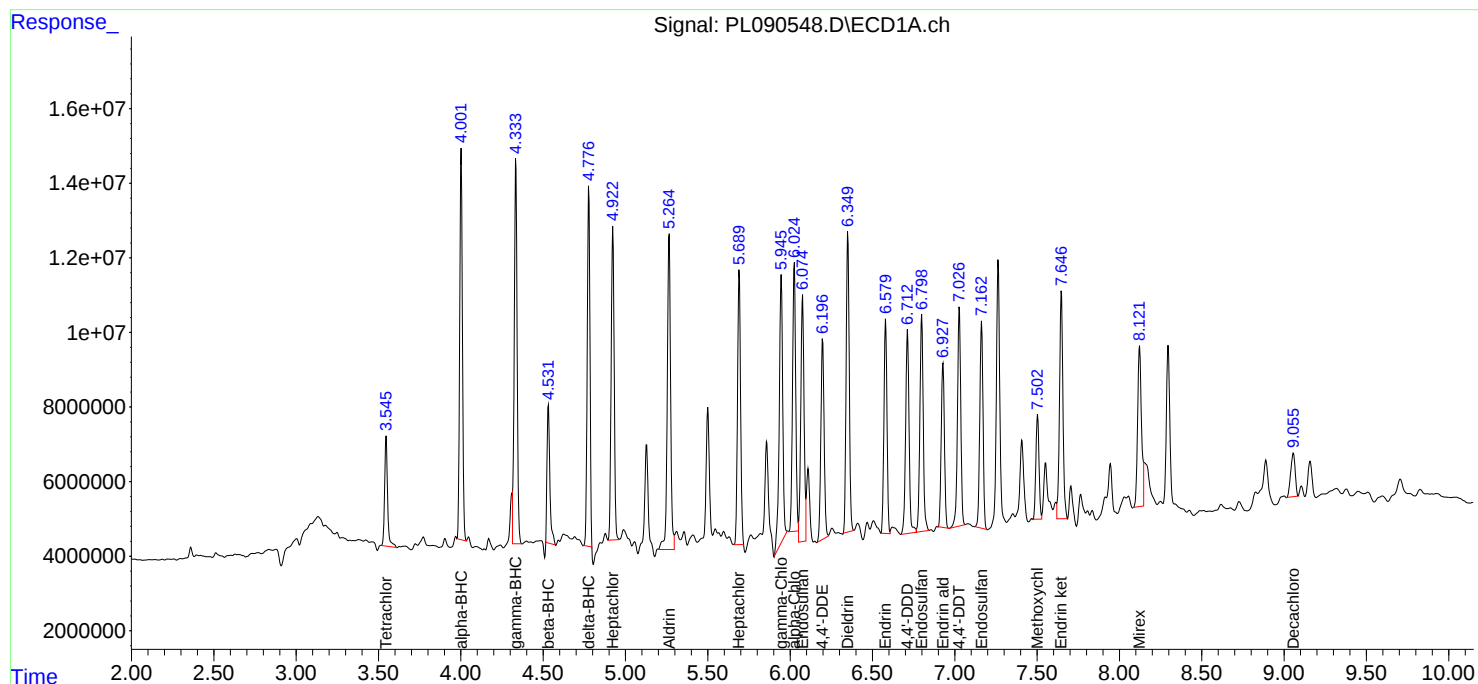
Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

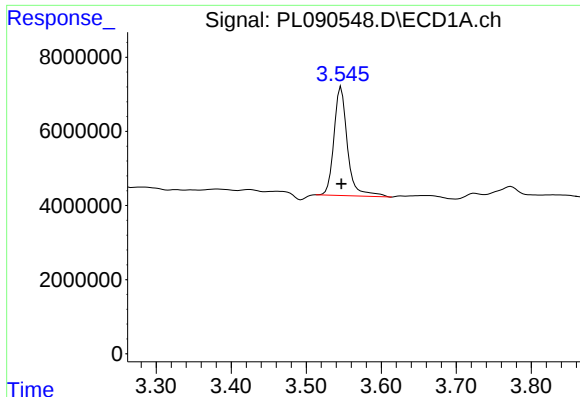
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/17/2024
Supervised By : Ankita Jodhani 07/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 23:58:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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





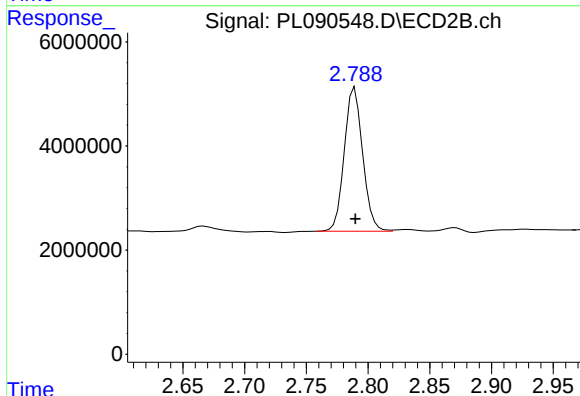
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 36765179
Conc: 17.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

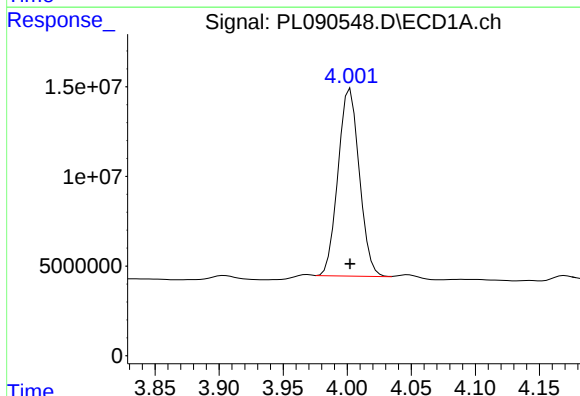
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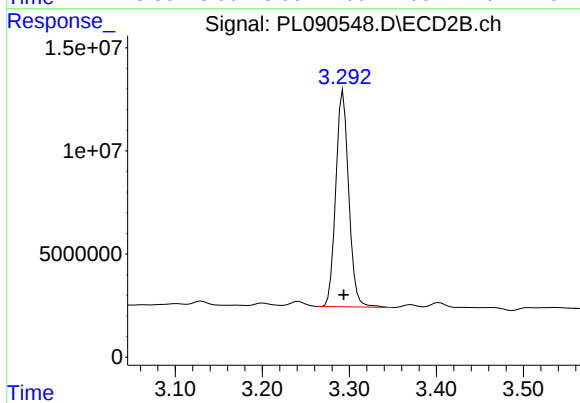
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 28593533
Conc: 16.99 ng/ml



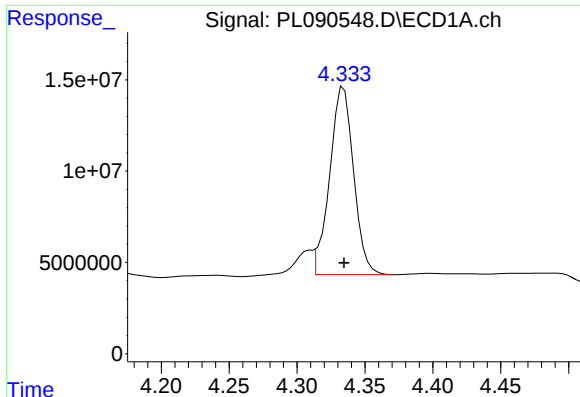
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 120765979
Conc: 40.70 ng/ml m



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 108655330
Conc: 44.97 ng/ml



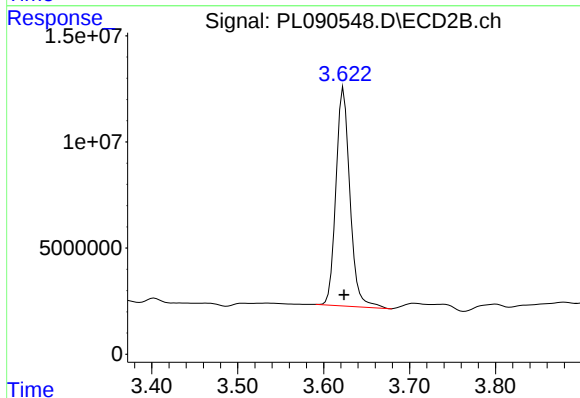
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 125033054
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

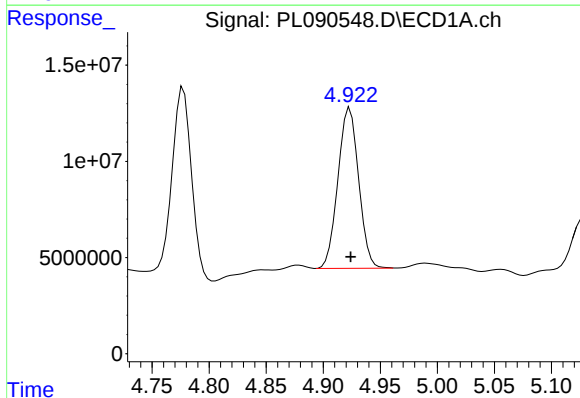
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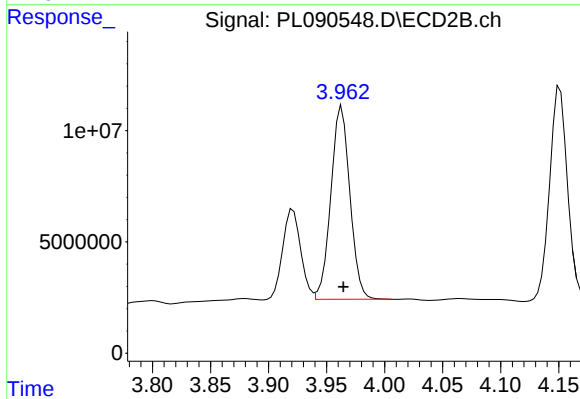
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 116081020
Conc: 50.34 ng/ml



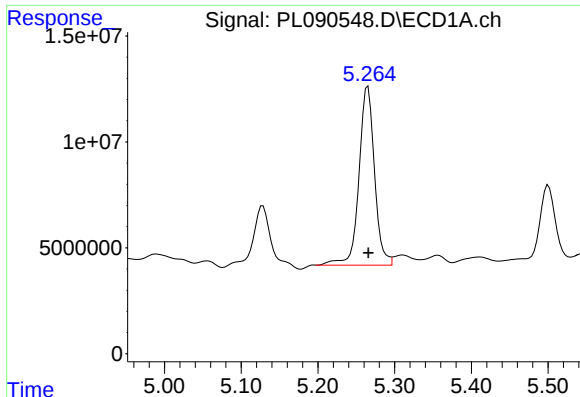
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 105765686
Conc: 41.56 ng/ml m



#4 Heptachlor

R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 98920428
Conc: 44.84 ng/ml m



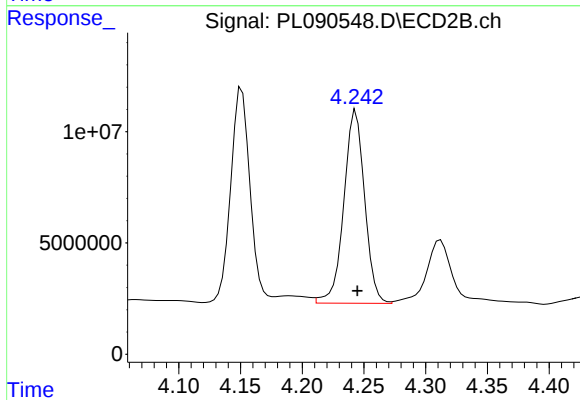
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 120061114
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

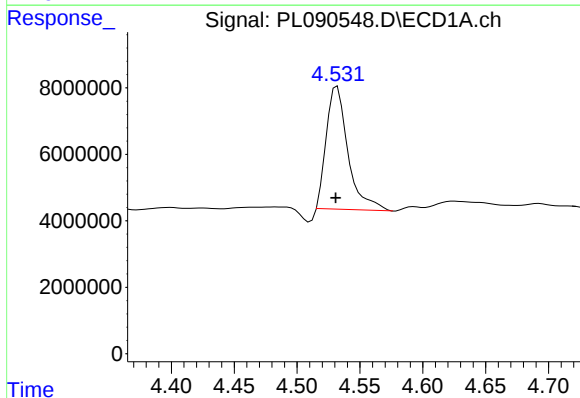
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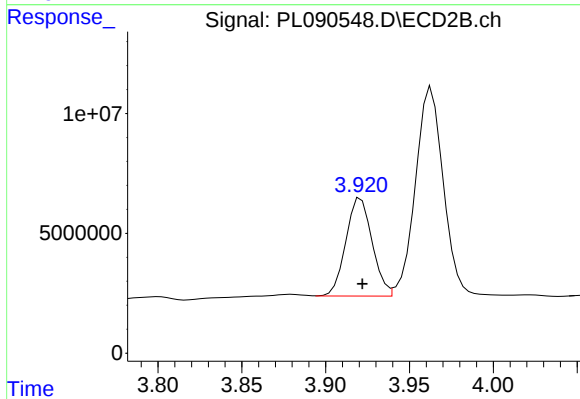
#5 Aldrin

R.T.: 4.244 min
Delta R.T.: -0.001 min
Response: 101816709
Conc: 47.86 ng/ml



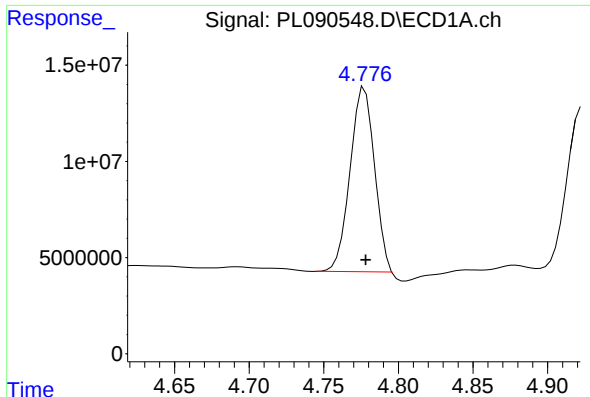
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 43674440
Conc: 34.43 ng/ml m



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 45051840
Conc: 43.65 ng/ml m



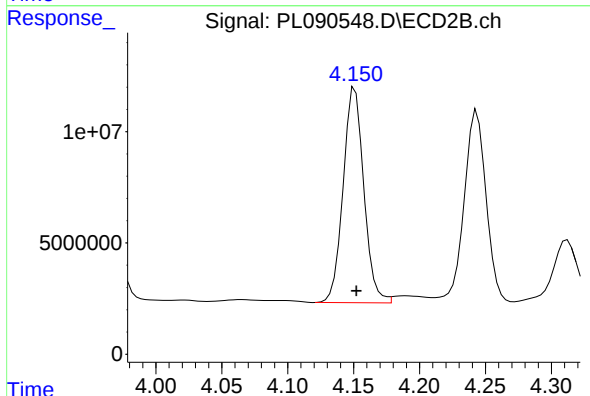
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 109181429
Conc: 40.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

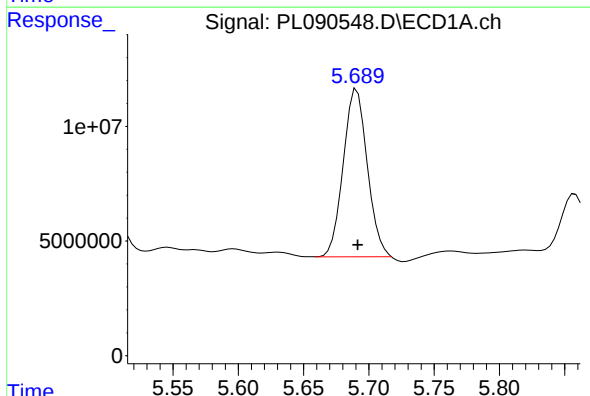
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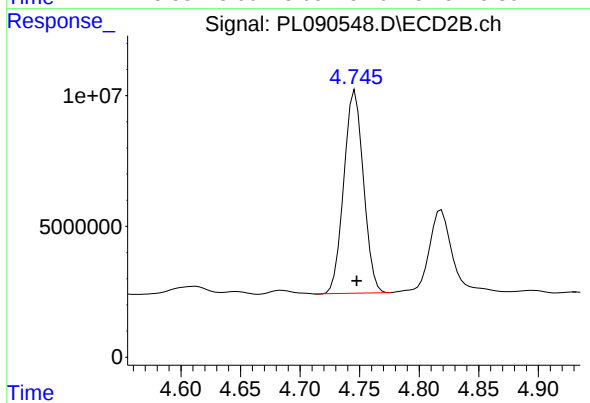
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 105524788
Conc: 47.97 ng/ml



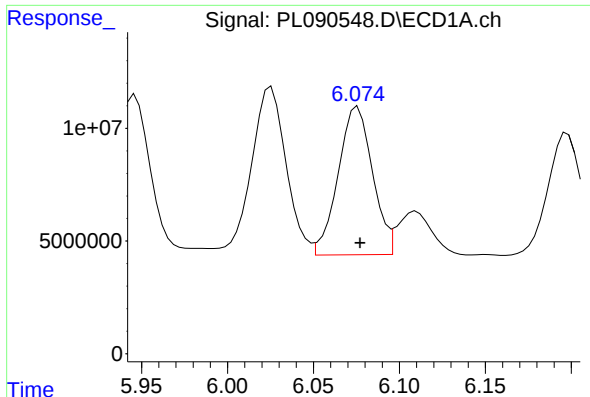
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 93898543
Conc: 39.95 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.746 min
Delta R.T.: -0.001 min
Response: 88768601
Conc: 45.51 ng/ml



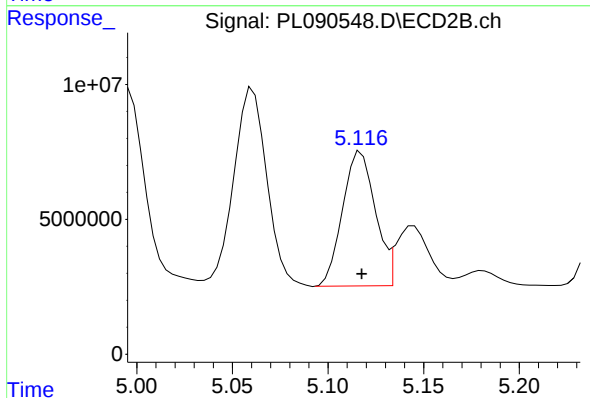
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 93113515
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

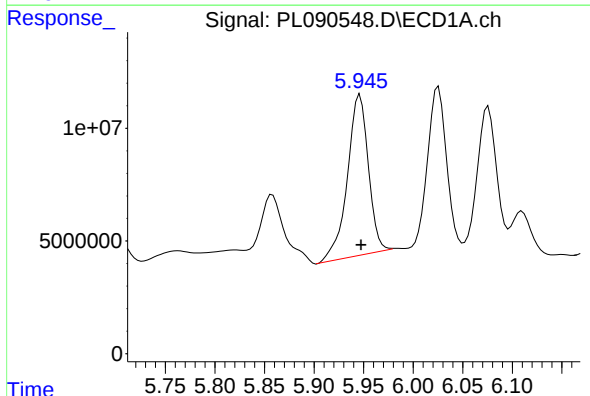
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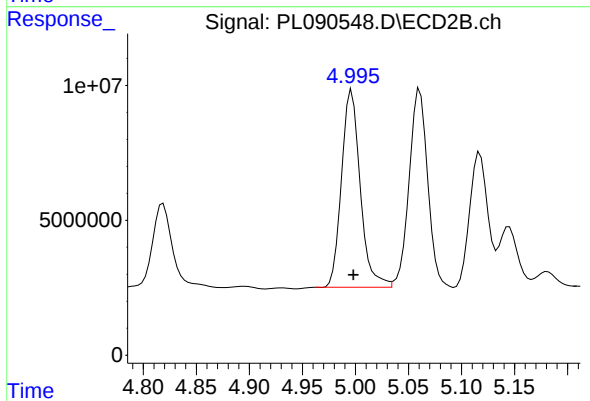
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 59365789
Conc: 32.46 ng/ml



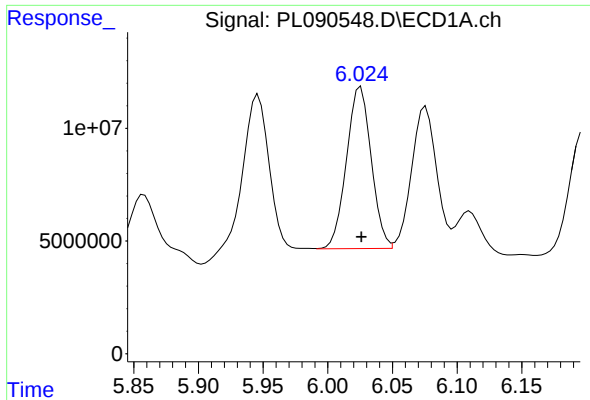
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 105304700
Conc: 45.29 ng/ml m



#10 gamma-Chlordane

R.T.: 4.996 min
Delta R.T.: -0.002 min
Response: 89806047
Conc: 44.30 ng/ml



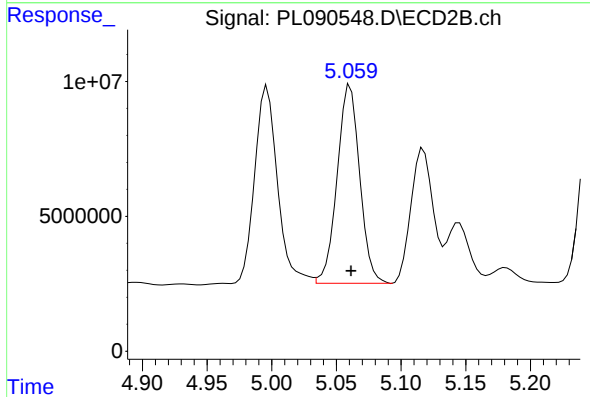
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 95703865
Conc: 41.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

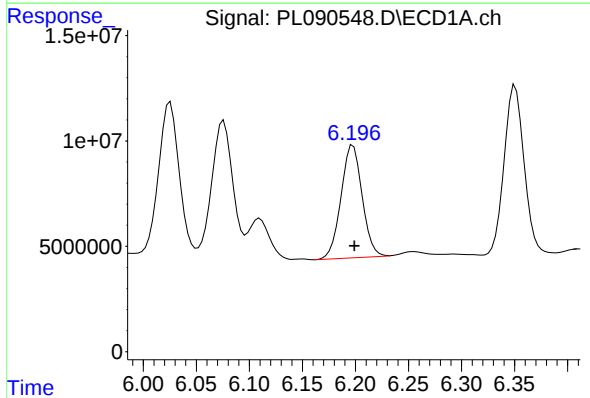
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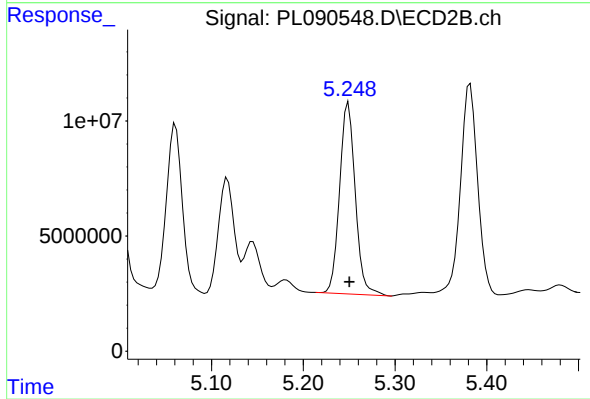
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 89309829
Conc: 44.20 ng/ml



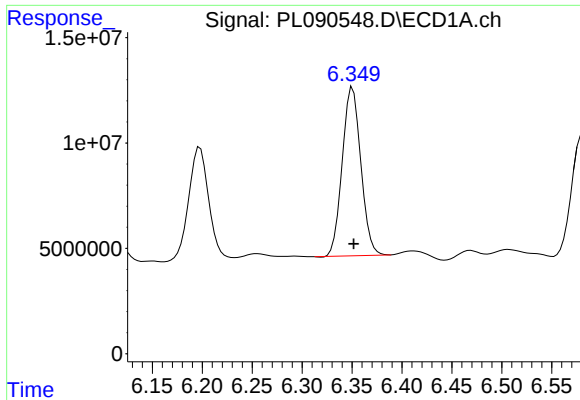
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 73944342
Conc: 36.57 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 98728072
Conc: 55.24 ng/ml



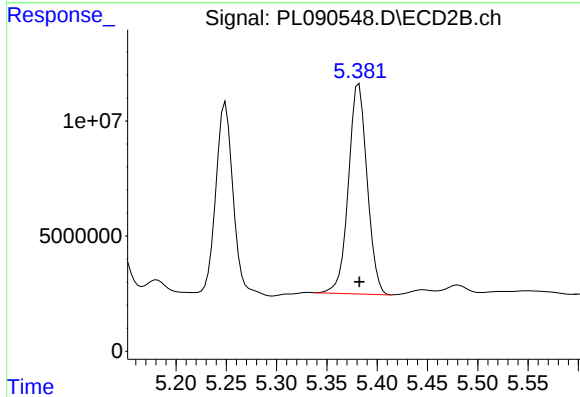
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: -0.001 min
Response: 103581250
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

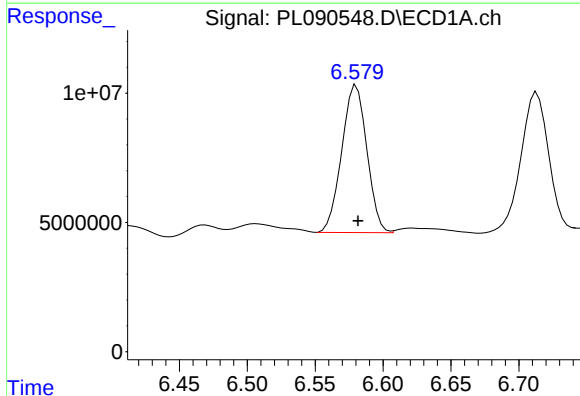
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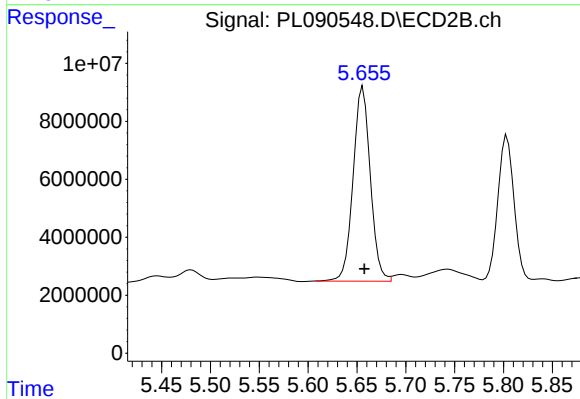
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: -0.002 min
Response: 117730638
Conc: 60.04 ng/ml m



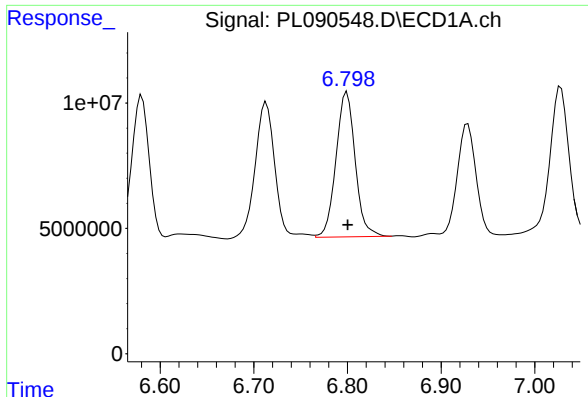
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.001 min
Response: 73421895
Conc: 39.94 ng/ml



#14 Endrin

R.T.: 5.655 min
Delta R.T.: -0.003 min
Response: 82083041
Conc: 47.69 ng/ml m



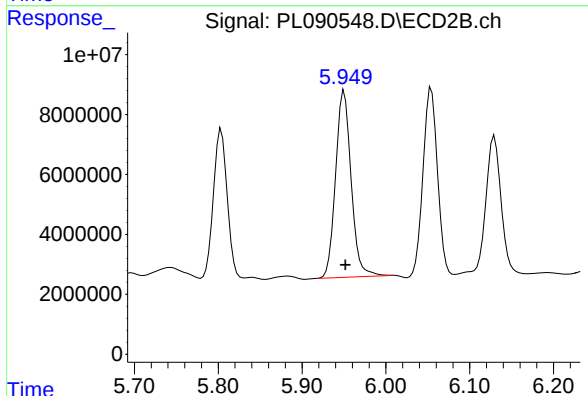
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 82382097
Conc: 41.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

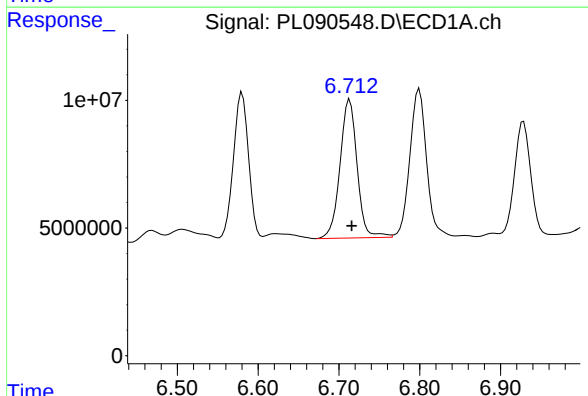
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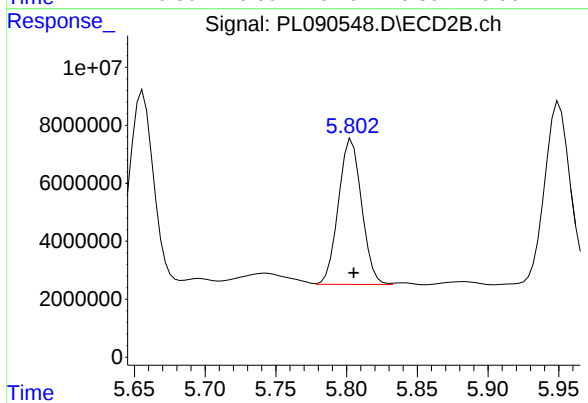
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 80167402
Conc: 46.93 ng/ml m



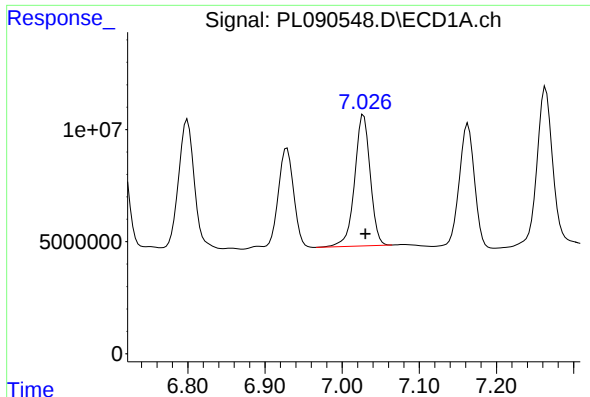
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 79723608
Conc: 47.22 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 57387310
Conc: 38.30 ng/ml



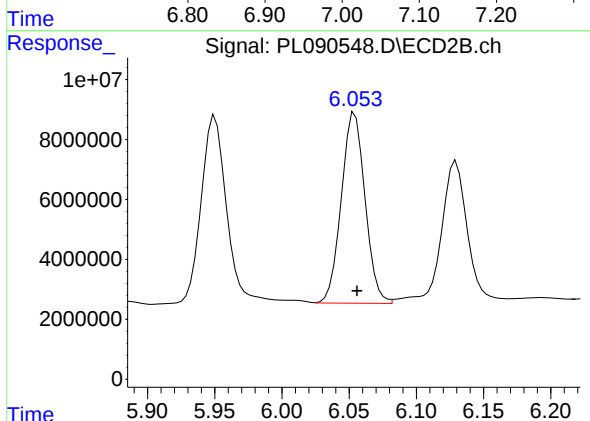
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 82028908
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

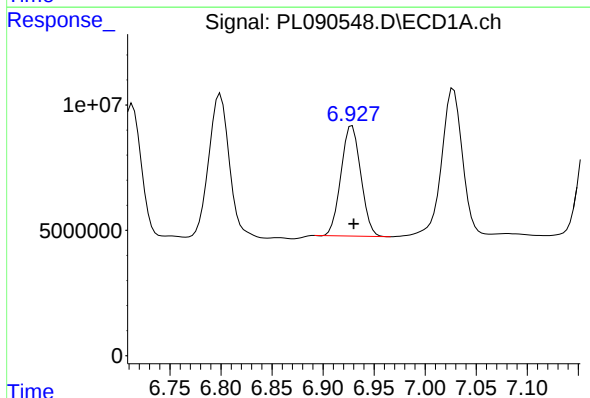
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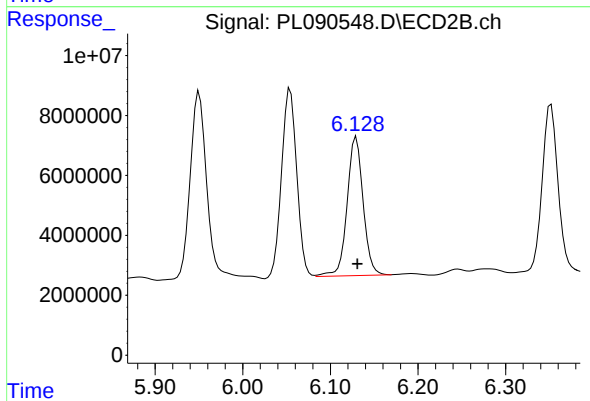
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 78167470
Conc: 53.35 ng/ml m



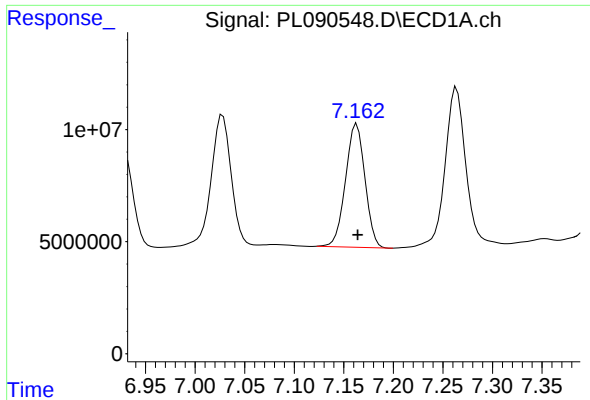
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 59537610
Conc: 40.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 58799387
Conc: 45.00 ng/ml



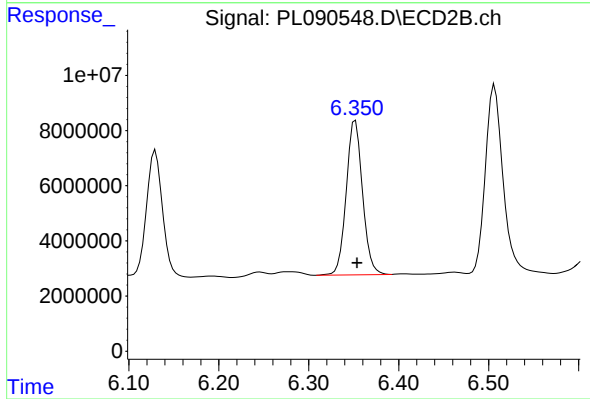
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: -0.001 min
Response: 75244434
Conc: 42.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

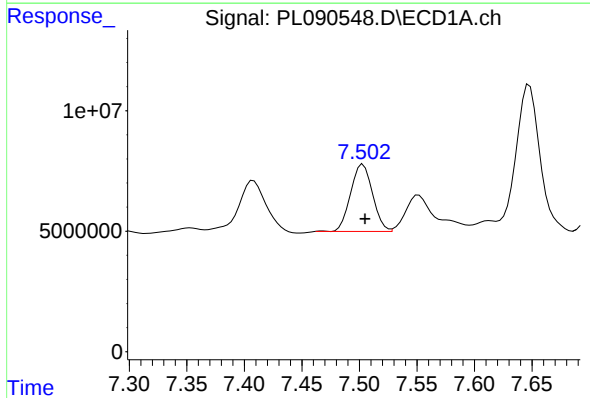
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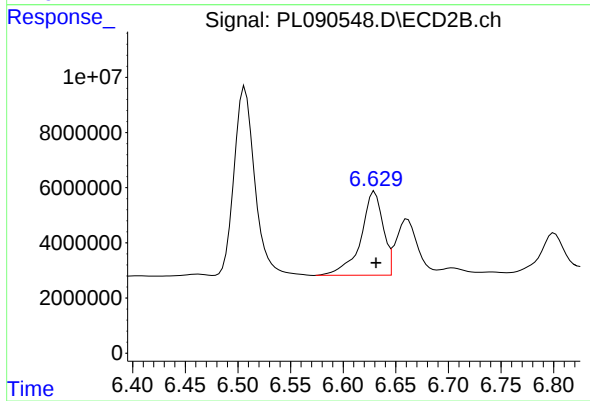
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 70394904
Conc: 43.66 ng/ml



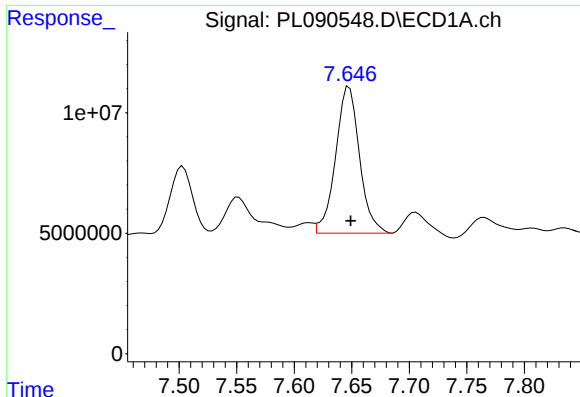
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 37191979
Conc: 42.12 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 46604772
Conc: 57.64 ng/ml m



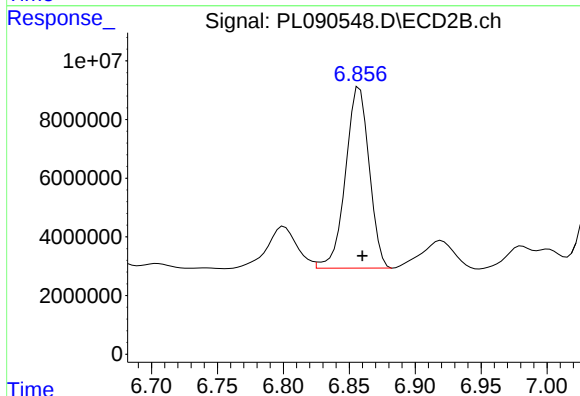
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 88215542
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

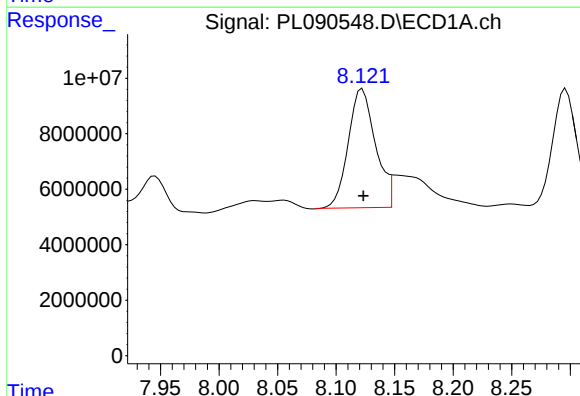
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2024
Supervised By :Ankita Jodhani 07/17/2024



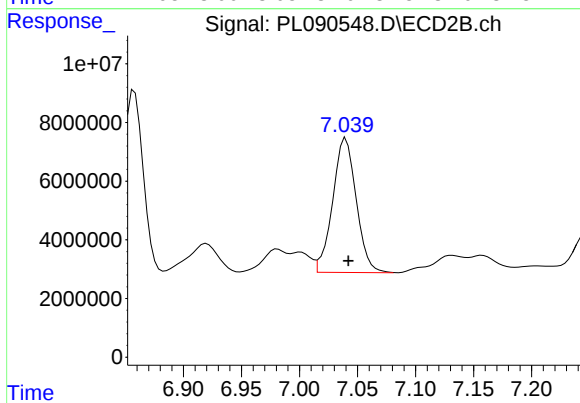
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: -0.004 min
Response: 76988639
Conc: 42.13 ng/ml m



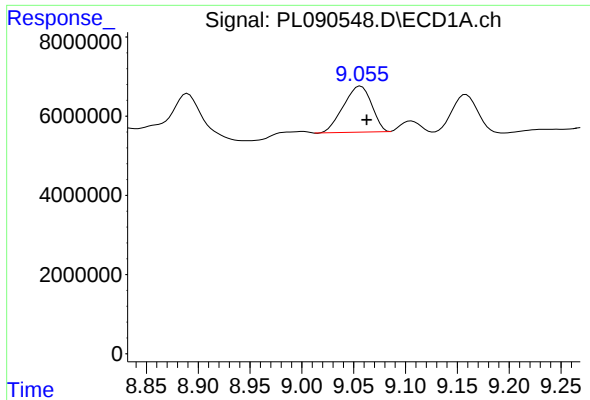
#22 Mirex

R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 69618676
Conc: 49.16 ng/ml m



#22 Mirex

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 64481644
Conc: 43.38 ng/ml m



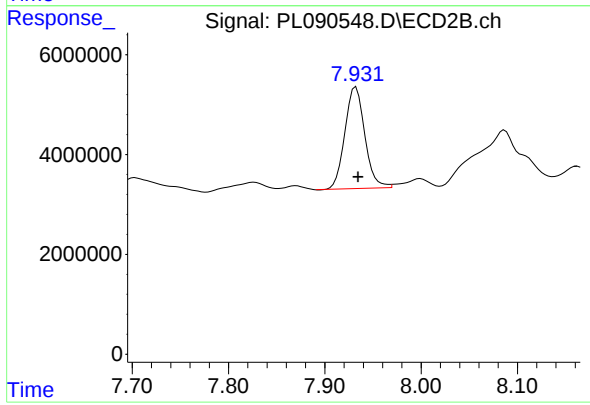
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 21965276
Conc: 16.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-07152024MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 07/17/2024



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 29118907
Conc: 19.97 ng/ml