

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 15:56
 Operator : AR\AJ
 Sample : Q3048-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-258MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:11:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.525	2.824	49542844	93258765	12.562m	16.545 #
2)	SA Decachlor...	8.996	7.978	49732376	47883535	16.798m	9.984m#
Target Compounds							
2)	A alpha-BHC	3.974	3.327	224.4E6	298.1E6	38.729	36.307
3)	MA gamma-BHC...	4.290	3.660	386.5E6	245.6E6	70.759m	33.342 #
4)	MA Heptachlor	4.892	4.007	250.9E6	347.8E6	47.054	46.222
5)	MB Aldrin	5.231	4.289	297.5E6	286.0E6	56.621	40.661 #
6)	B beta-BHC	4.489	3.955	77058336	136.1E6	33.693	41.728
7)	B delta-BHC	4.734	4.188	232.6E6	306.9E6	51.692	41.764
8)	B Heptachlo...	5.651	4.791	271.3E6	497.5E6	52.725	78.659 #
9)	A Endosulfan I	6.032	5.161	262.0E6	259.4E6	60.968	43.298m#
10)	B gamma-Chl...	5.905	5.041	370.1E6	505.0E6	80.363	76.383m
11)	B alpha-Chl...	5.986	5.107	537.0E6	568.7E6	114.109	87.089
12)	B 4,4'-DDE	6.156	5.294	163.2E6	253.2E6	40.897	41.132m
13)	MA Dieldrin	6.305	5.426	215.8E6	334.4E6	47.524	51.036
14)	MA Endrin	6.531	5.700	169.5E6	267.3E6	45.258	45.255
15)	B Endosulfa...	6.744	5.993	189.3E6	353.5E6	42.971	61.810 #
16)	A 4,4'-DDD	6.663	5.846	185.9E6	201.9E6	58.894	38.658m#
17)	MA 4,4'-DDT	6.976	6.099	147.7E6	286.5E6	42.176m	52.313
18)	B Endrin al...	6.873	6.169	131.7E6	195.2E6	50.633	46.645m
19)	B Endosulfa...	7.105	6.393	141.0E6	229.7E6	41.066m	40.997
20)	A Methoxychlor	7.445	6.672	124.0E6	128.8E6	71.468m	42.924 #
21)	B Endrin ke...	7.585	6.898	165.4E6	249.5E6	46.520	39.855
22)	Mirex	8.063	7.086	128.5E6	187.3E6	42.947m	38.557m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
Data File : PL097129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 15:56
Operator : AR\AJ
Sample : Q3048-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

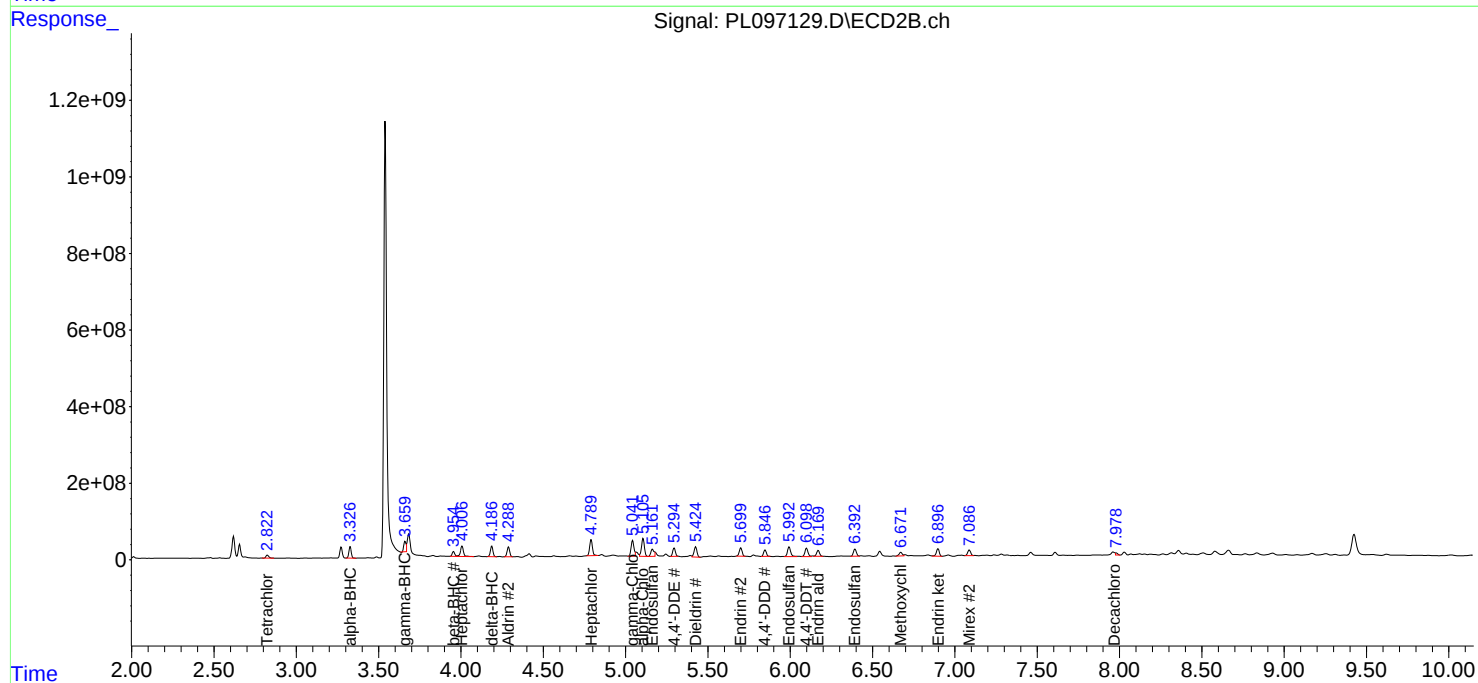
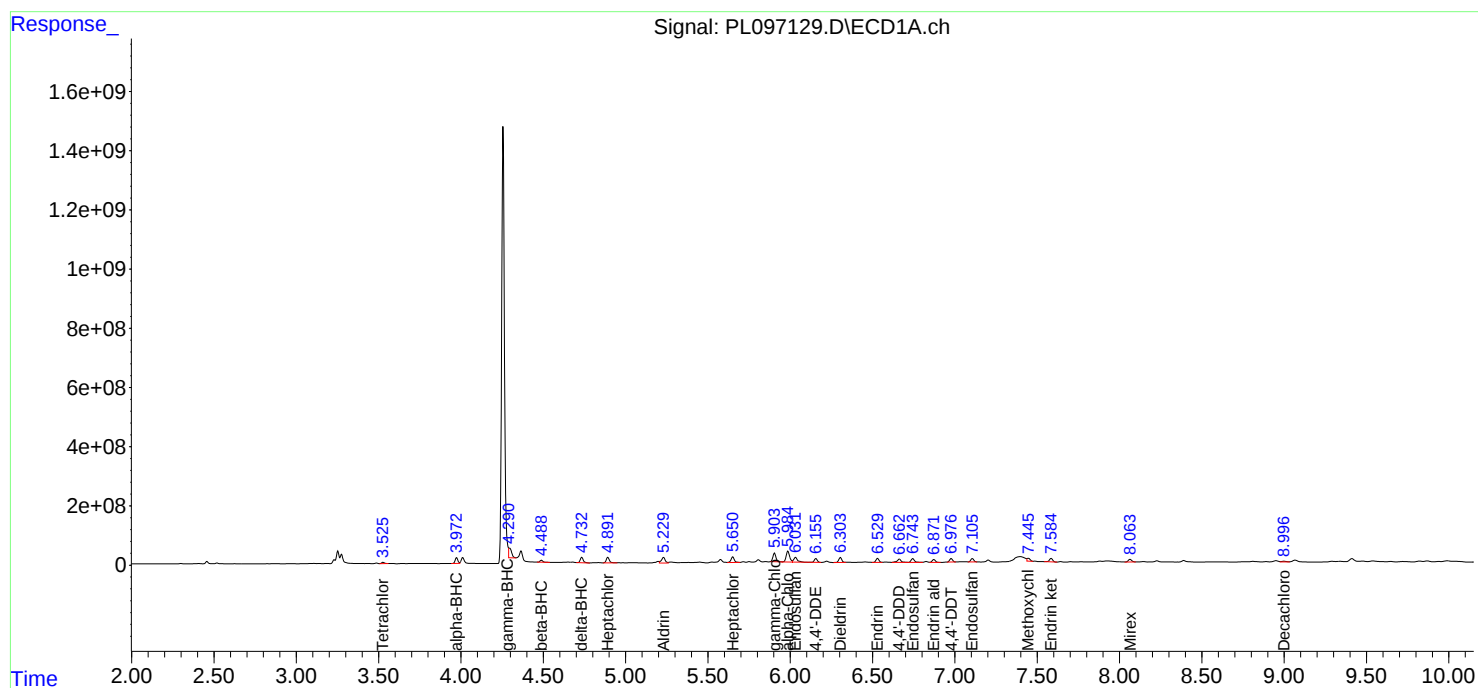
Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

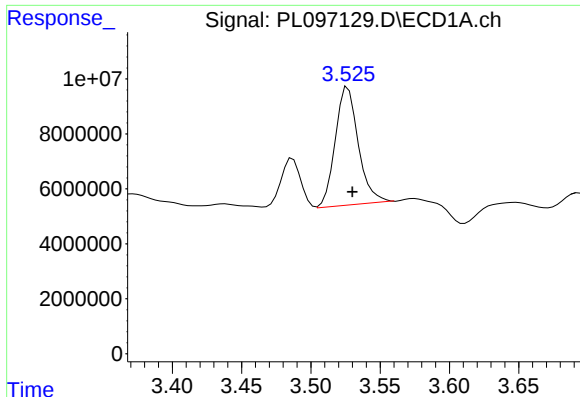
Manual Integrations
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Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:11:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





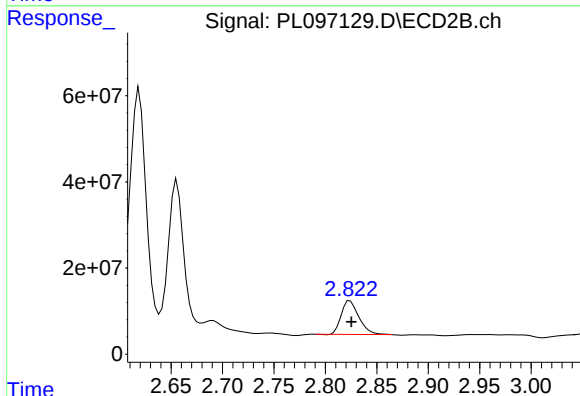
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.005 min
Response: 49542844
Conc: 12.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

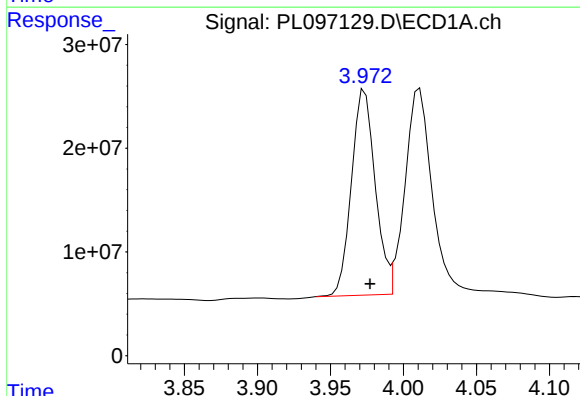
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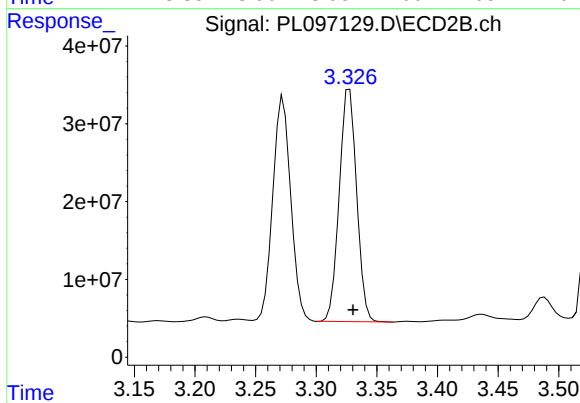
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 93258765
Conc: 16.55 ng/ml



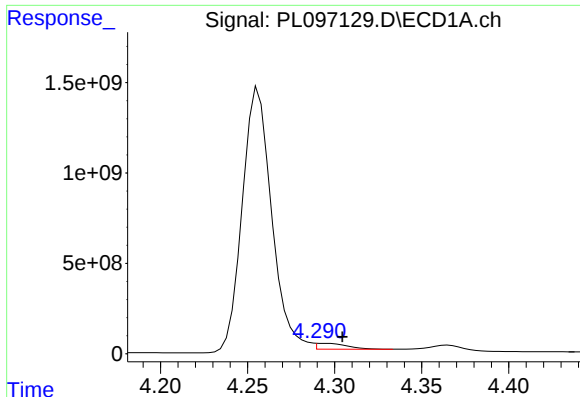
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 224397414
Conc: 38.73 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 298125466
Conc: 36.31 ng/ml



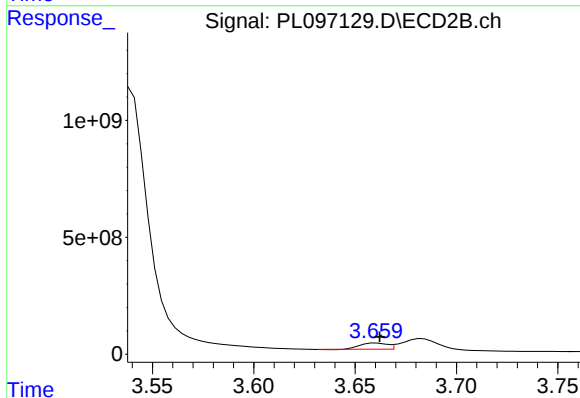
#3 gamma-BHC (Lindane)

R.T.: 4.290 min
Delta R.T.: -0.015 min
Response: 386469038
Conc: 70.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

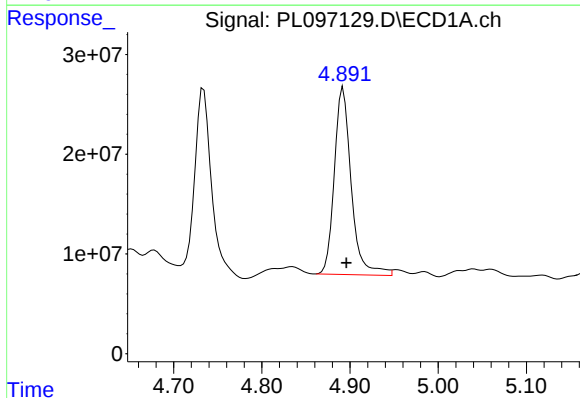
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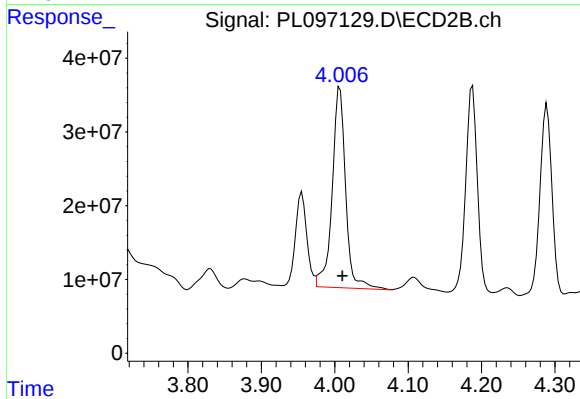
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 245614185
Conc: 33.34 ng/ml



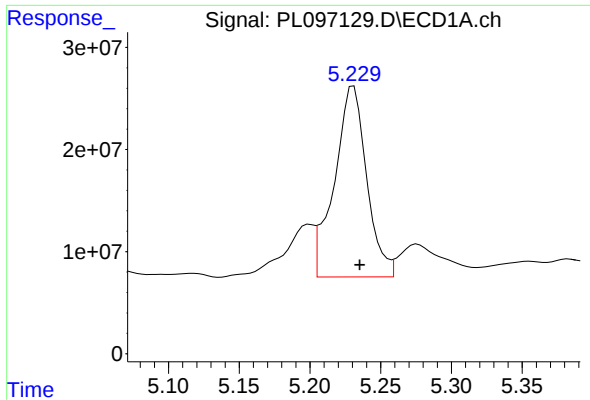
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 250909781
Conc: 47.05 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 347784284
Conc: 46.22 ng/ml



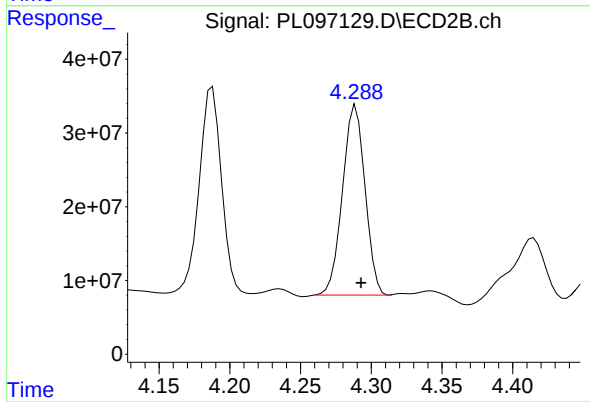
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 297459699
Conc: 56.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

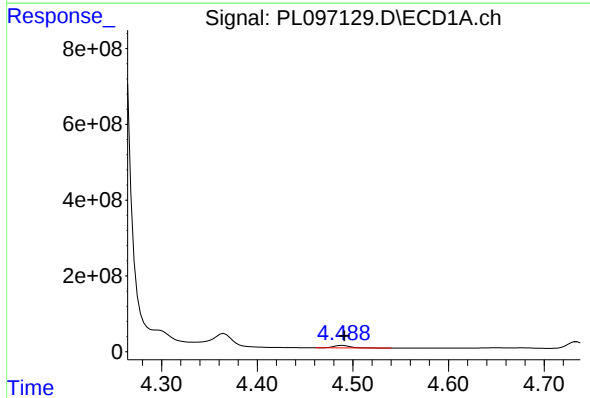
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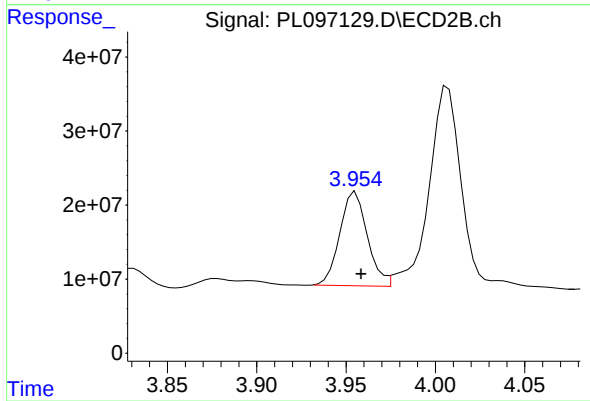
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 285961898
Conc: 40.66 ng/ml



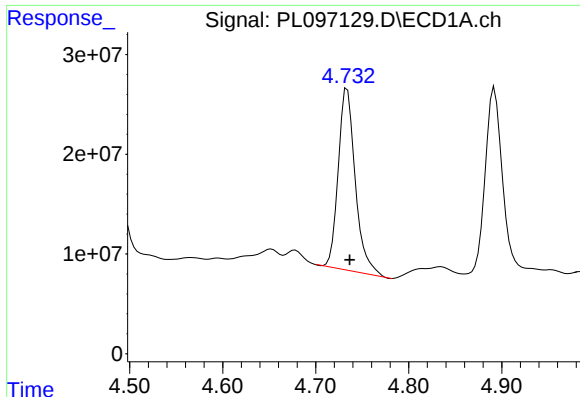
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 77058336
Conc: 33.69 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 136128331
Conc: 41.73 ng/ml



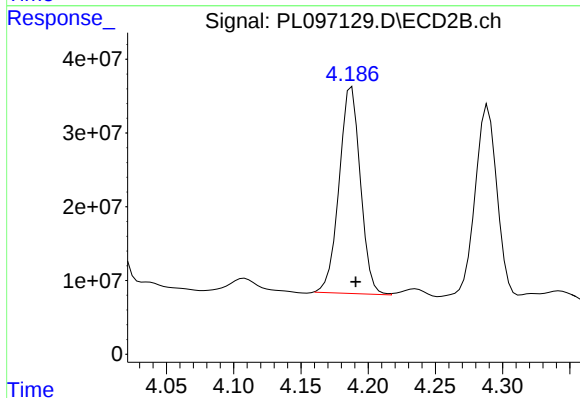
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 232612601
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

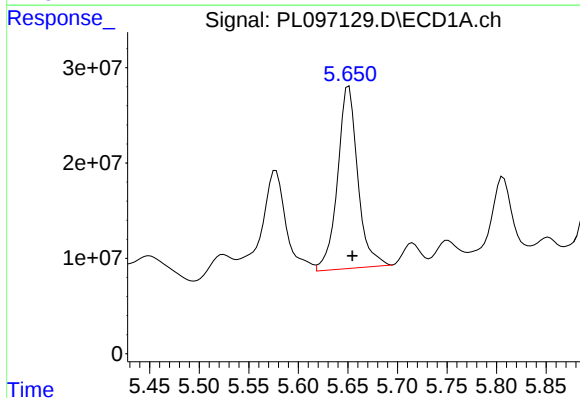
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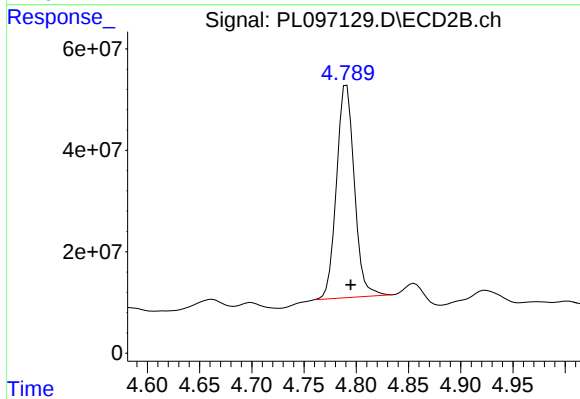
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 306919220
Conc: 41.76 ng/ml



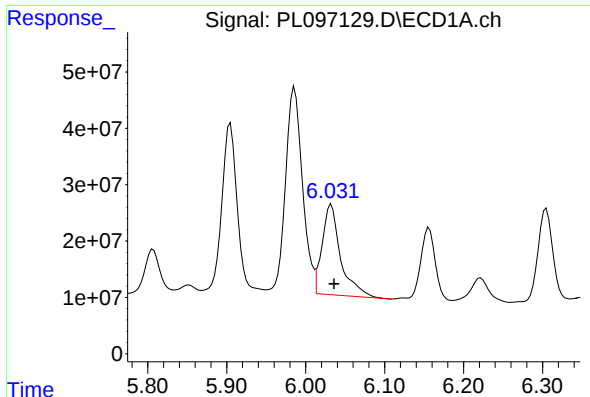
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.003 min
Response: 271312373
Conc: 52.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 497519376
Conc: 78.66 ng/ml



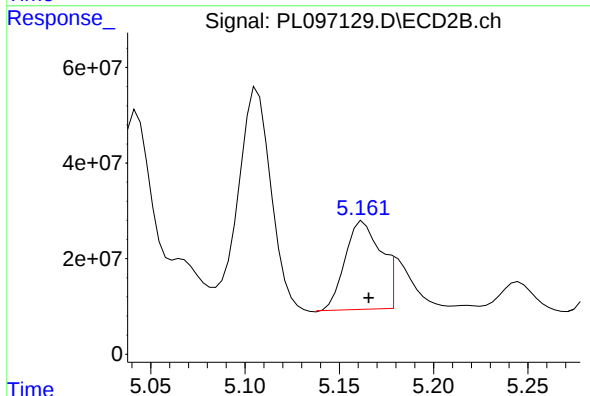
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 261967409
Conc: 60.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

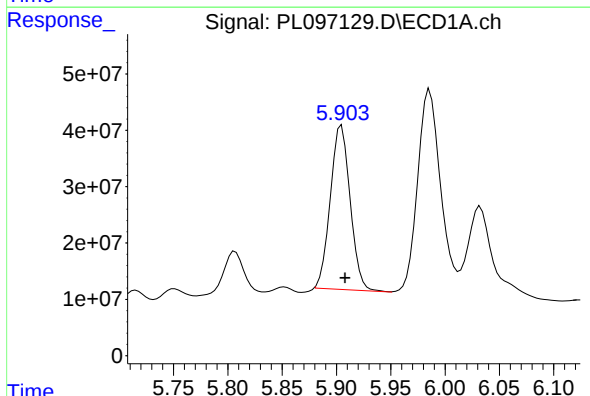
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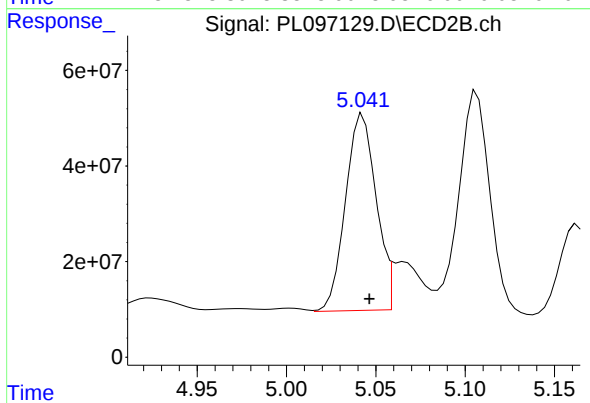
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 259410451
Conc: 43.30 ng/ml m



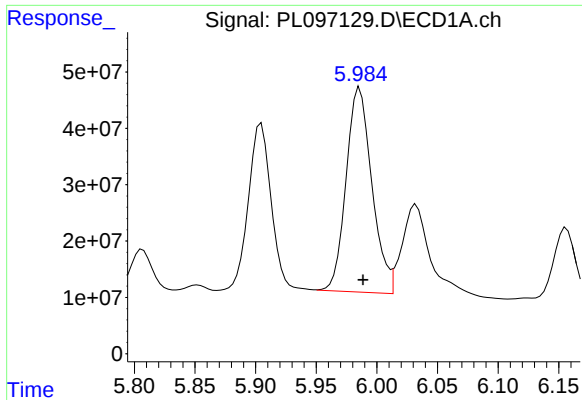
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 370111074
Conc: 80.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 504977858
Conc: 76.38 ng/ml m



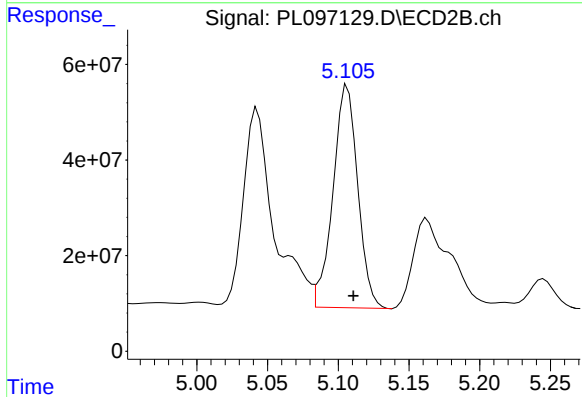
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 536983073
Conc: 114.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

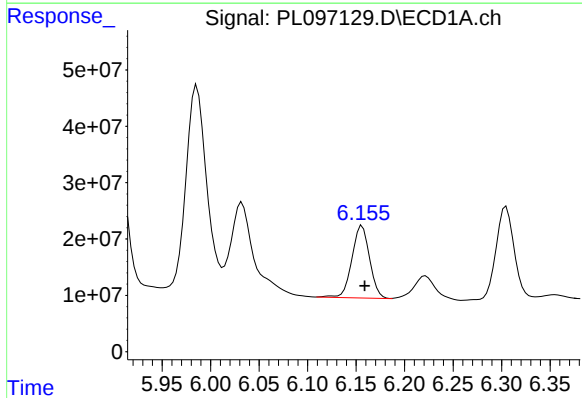
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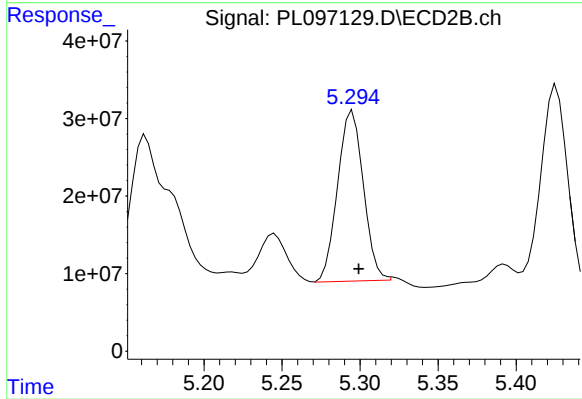
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 568673132
Conc: 87.09 ng/ml



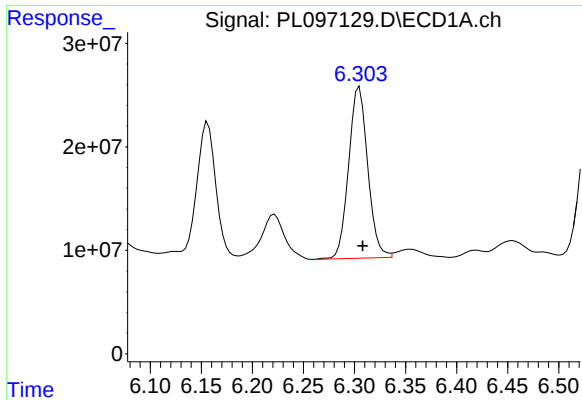
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 163182537
Conc: 40.90 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.005 min
Response: 253155422
Conc: 41.13 ng/ml m



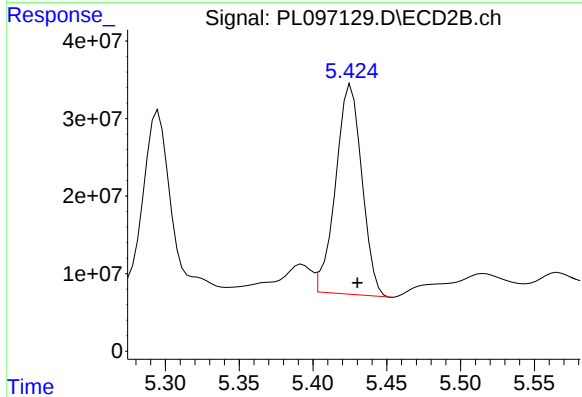
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 215800514
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

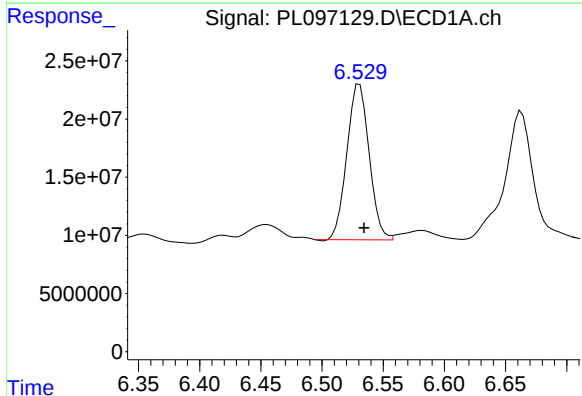
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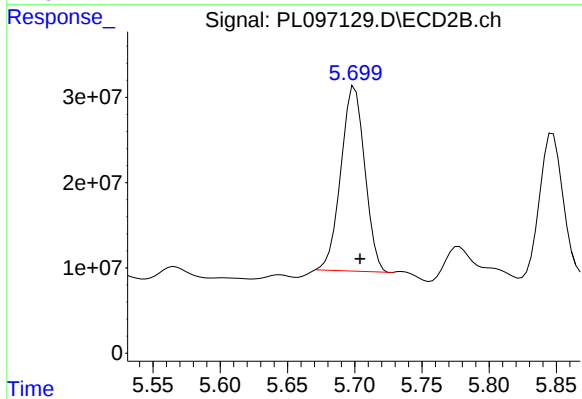
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 334438270
Conc: 51.04 ng/ml



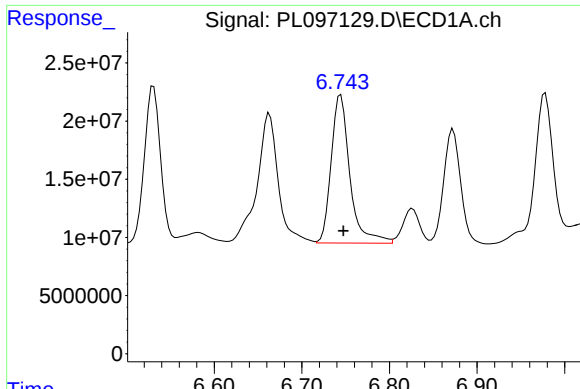
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 169486494
Conc: 45.26 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 267328545
Conc: 45.25 ng/ml



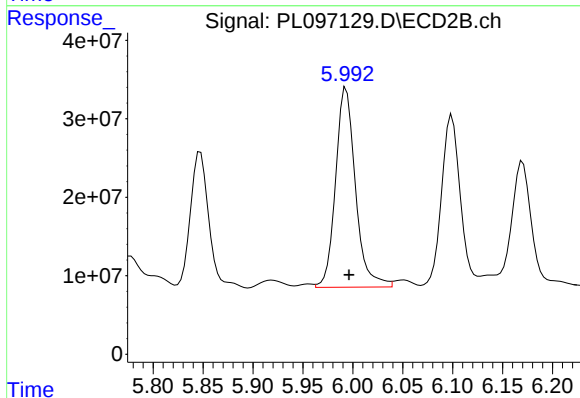
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 189291075
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

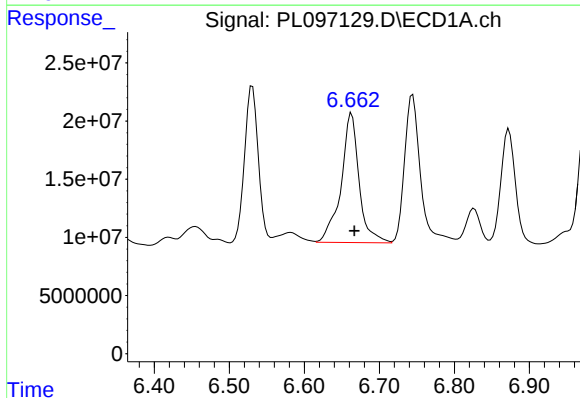
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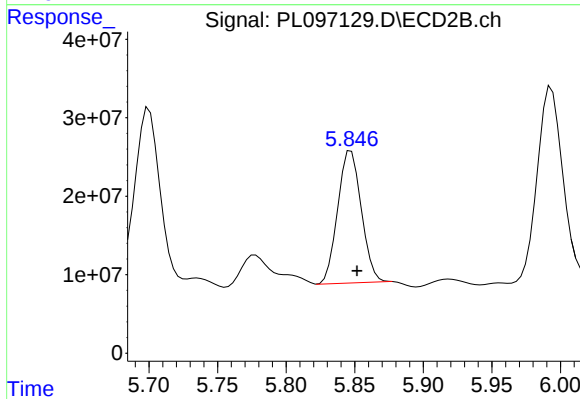
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 353472934
Conc: 61.81 ng/ml



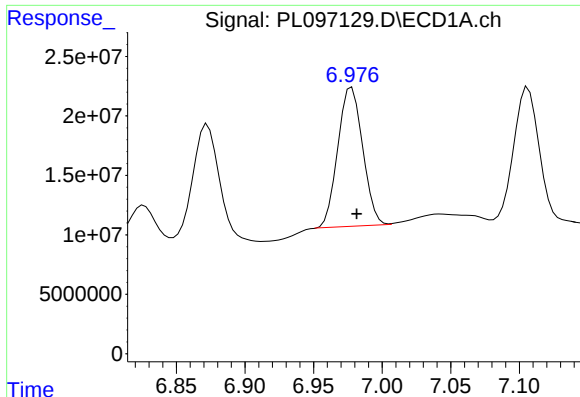
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 185859329
Conc: 58.89 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 201888076
Conc: 38.66 ng/ml m



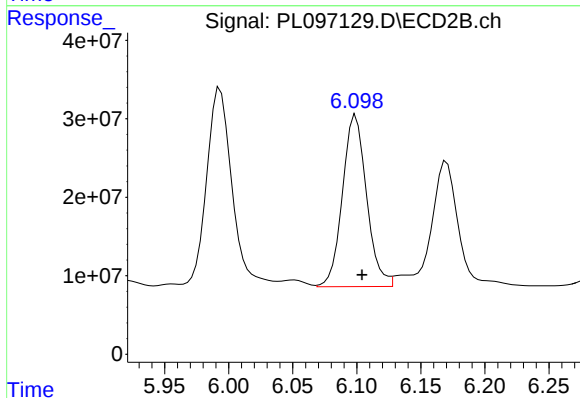
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 147719554
Conc: 42.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

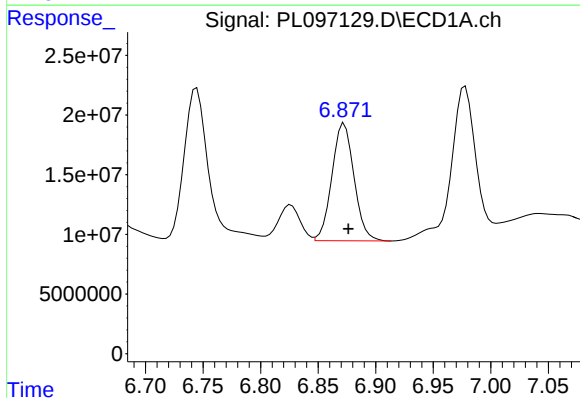
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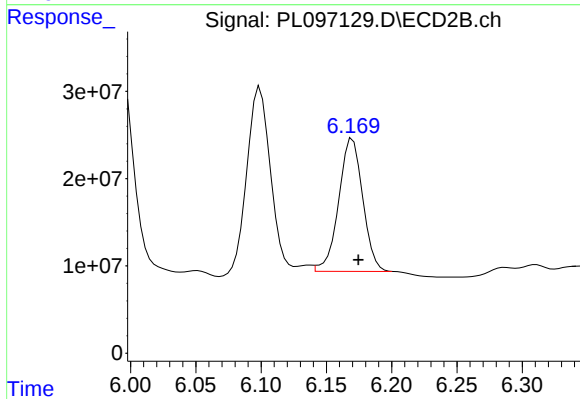
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.005 min
Response: 286532069
Conc: 52.31 ng/ml



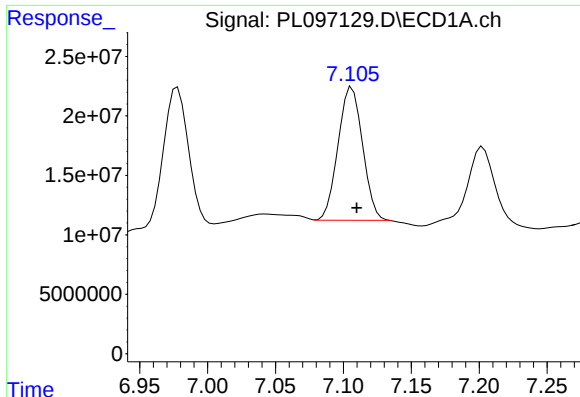
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 131719203
Conc: 50.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.006 min
Response: 195190016
Conc: 46.64 ng/ml m



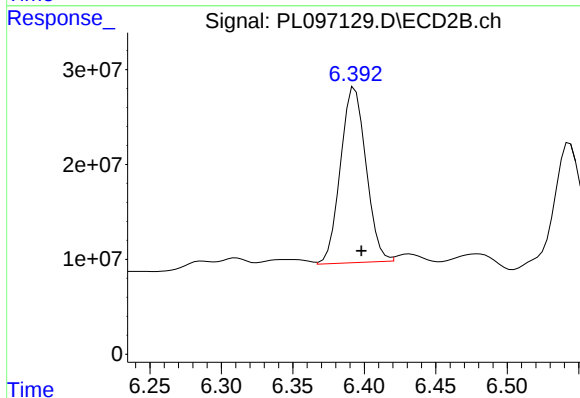
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.005 min
Response: 140992635
Conc: 41.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

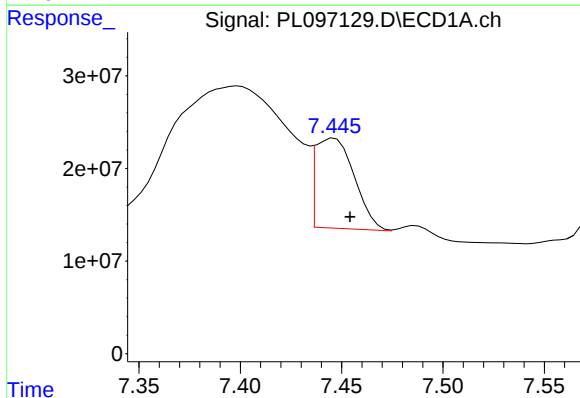
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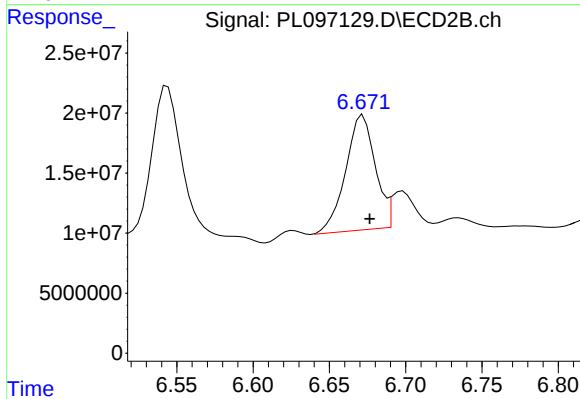
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 229703439
Conc: 41.00 ng/ml



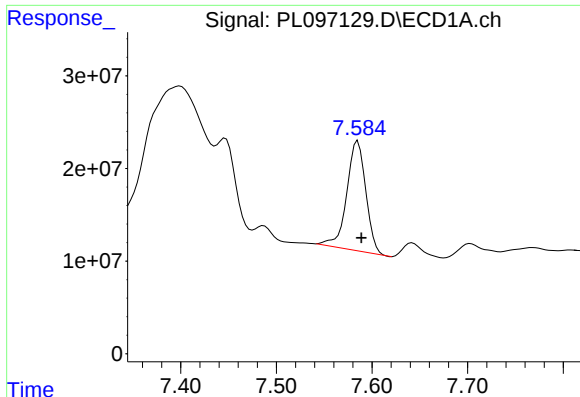
#20 Methoxychlor

R.T.: 7.445 min
Delta R.T.: -0.009 min
Response: 124033135
Conc: 71.47 ng/ml m



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 128763325
Conc: 42.92 ng/ml



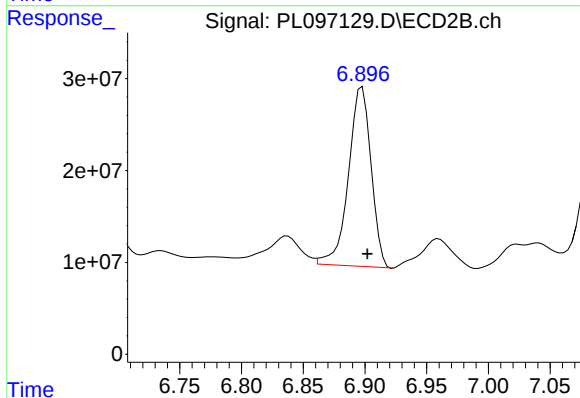
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 165391254
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

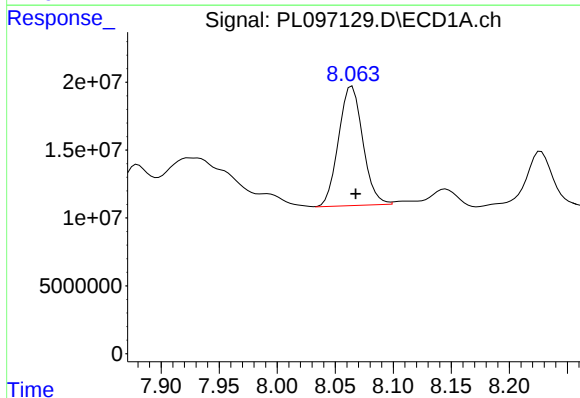
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



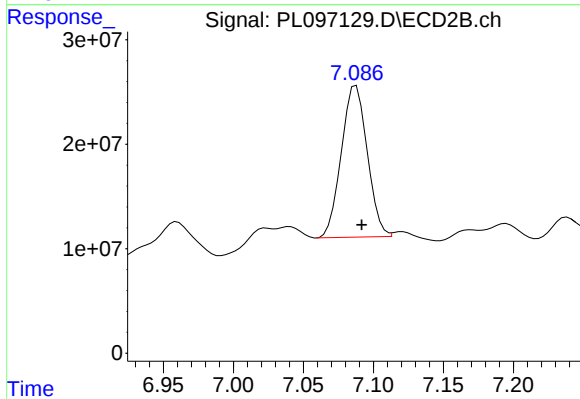
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 249450589
Conc: 39.86 ng/ml



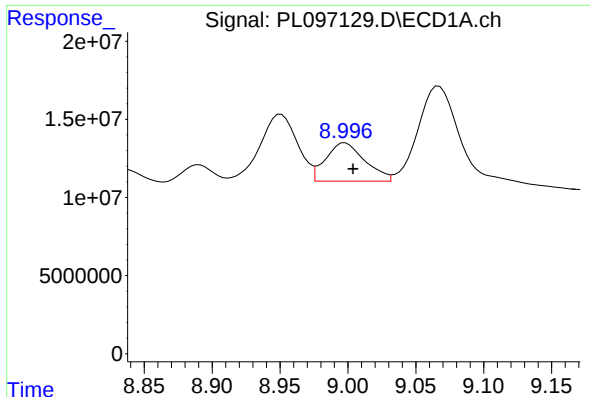
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 128492250
Conc: 42.95 ng/ml m



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.006 min
Response: 187255767
Conc: 38.56 ng/ml m



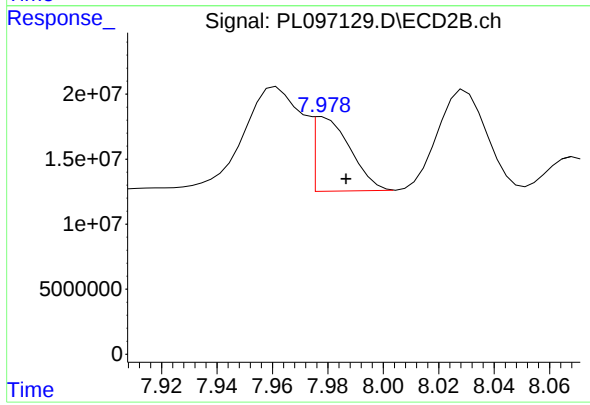
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.007 min
Response: 49732376
Conc: 16.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.009 min
Response: 47883535
Conc: 9.98 ng/ml m