

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
 Data File : PL097189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 12:49
 Operator : AR\AJ
 Sample : Q3065-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-204MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 02:09:43 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...	3.524	2.820	67024270	98918391	16.995m	17.549
28)	SA Decachlor...	9.003	7.982	46806640	82740191	15.809	17.253m
Target Compounds							
2)	A alpha-BHC	3.973	3.325	334.2E6	428.9E6	57.689	52.227
3)	MA gamma-BHC...	4.301	3.657	297.3E6	400.3E6	54.429	54.341
4)	MA Heptachlor	4.893	4.005	3199.9E6	3543.5E6	600.091	470.949
5)	MB Aldrin	5.223	4.287	243.9E6	405.5E6	46.423m	57.651m
6)	B beta-BHC	4.488	3.953	113.3E6	159.4E6	49.551	48.847
7)	B delta-BHC	4.733	4.186	285.5E6	461.4E6	63.449m	62.786
8)	B Heptachlo...	5.650	4.788	6663.9E6	5608.6E6	1295.005m	886.742m#
9)	A Endosulfan I	6.032	5.173	200.7E6	8554.9E6	46.706	1427.889 #
10)	B gamma-Chl...	5.904	5.042	13474.5E6	13882.9E6	2925.752m	2099.949 #
11)	B alpha-Chl...	5.989	5.106	7727.6E6	6411.3E6	1642.121	981.852 #
12)	B 4,4'-DDE	6.135f	5.294	7369.8E6	453.8E6	1847.021	73.732 #
13)	MA Dieldrin	6.305	5.425	242.4E6	333.3E6	53.387m	50.860
14)	MA Endrin	6.531	5.702	174.5E6	546.1E6	46.606m	92.442 #
15)	B Endosulfa...	6.745	5.999	400.7E6	2116.7E6	90.967	370.142 #
16)	A 4,4'-DDD	6.683f	5.846	365.2E6	288.4E6	115.728m	55.224 #
17)	MA 4,4'-DDT	6.980	6.116	431.1E6	1658.5E6	123.082	302.801 #
18)	B Endrin al...	6.876	6.170	231.4E6	371.1E6	88.946	93.182
19)	B Endosulfa...	7.108	6.394	219.0E6	341.1E6	63.797	60.880
20)	A Methoxychlor	7.452	6.672	95795058	130.5E6	55.198	43.493
21)	B Endrin ke...	7.585	6.897	191.2E6	327.5E6	53.784m	52.321
22)	Mirex	8.065	7.086	154.5E6	245.5E6	51.650m	50.546m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
Data File : PL097189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 12:49
Operator : AR\AJ
Sample : Q3065-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

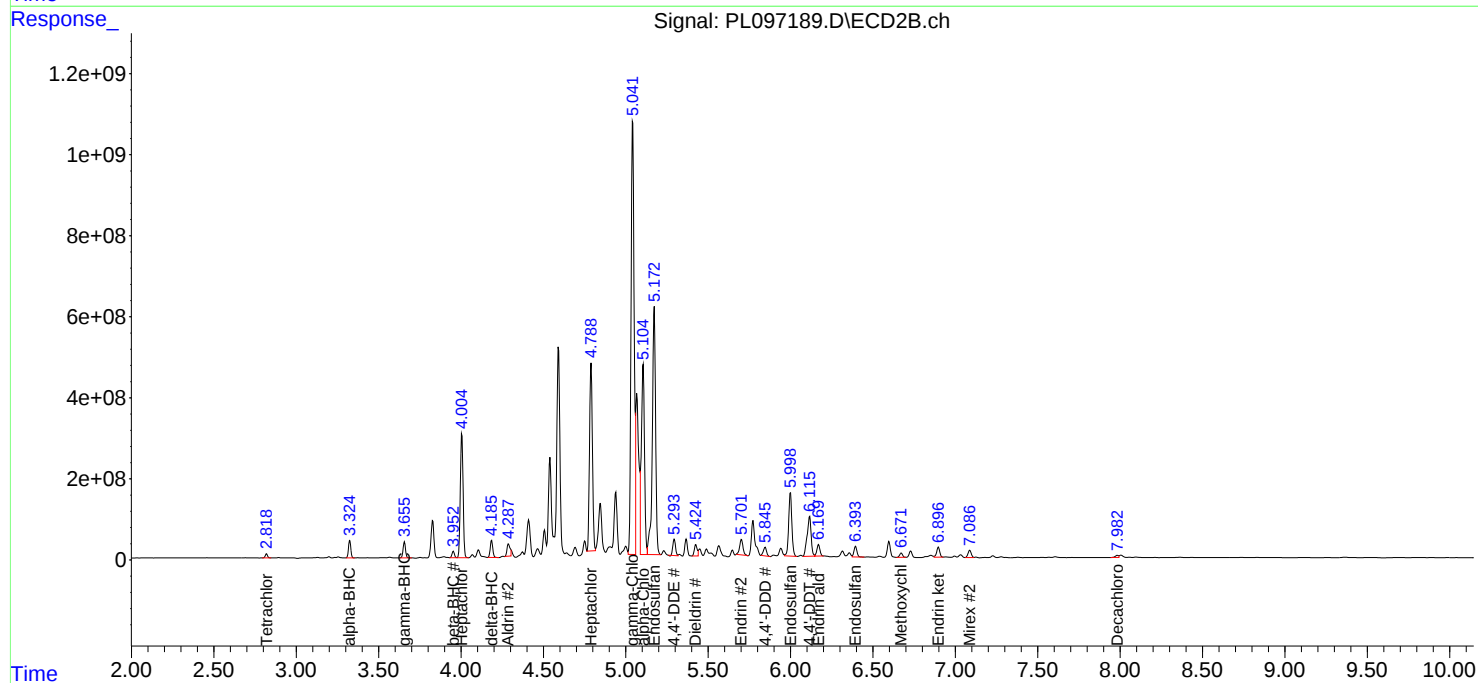
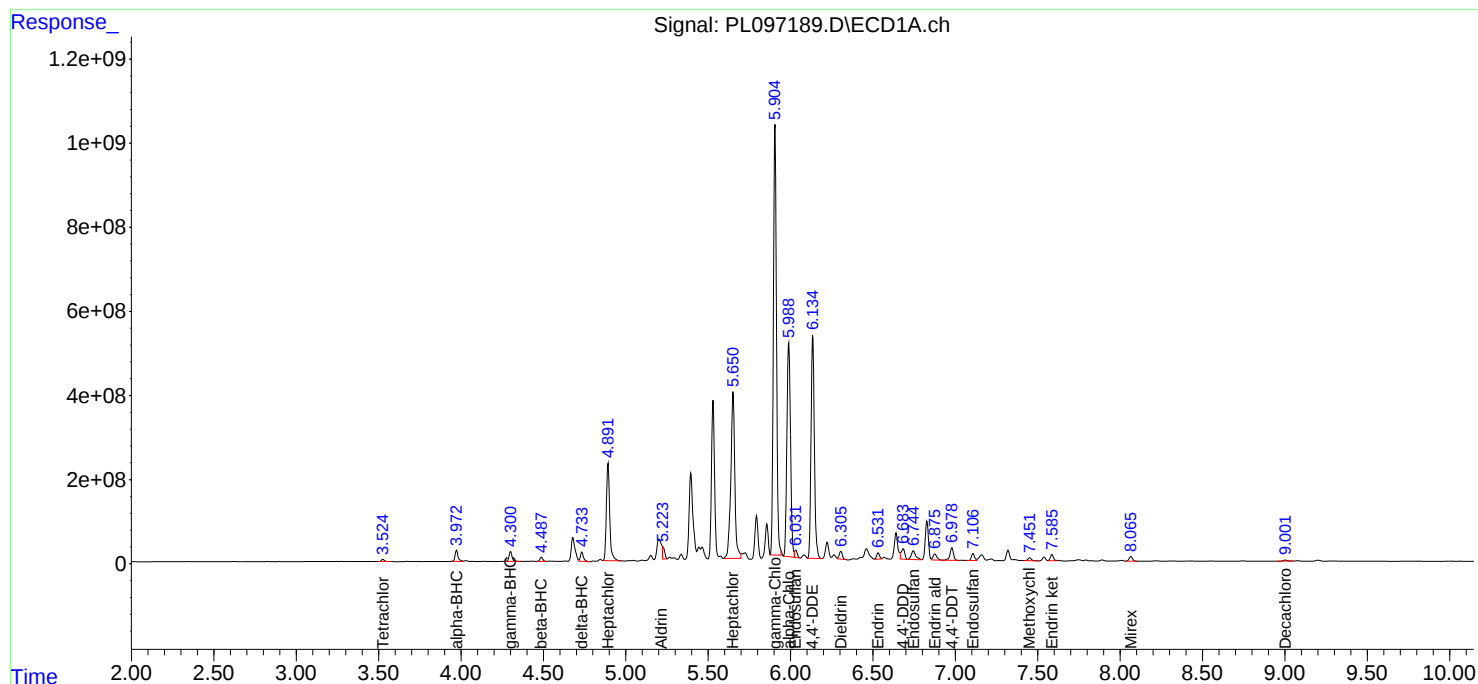
Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

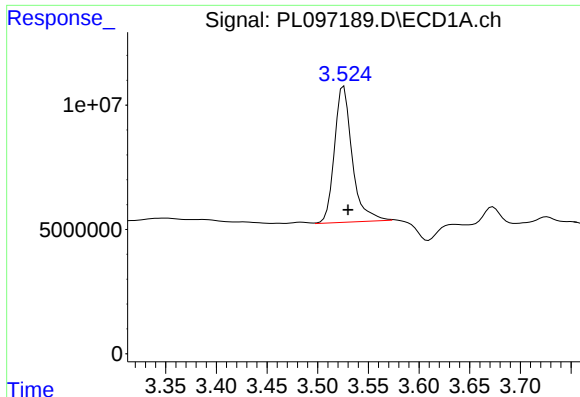
Manual Integrations
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Supervised By : mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 02:09:43 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





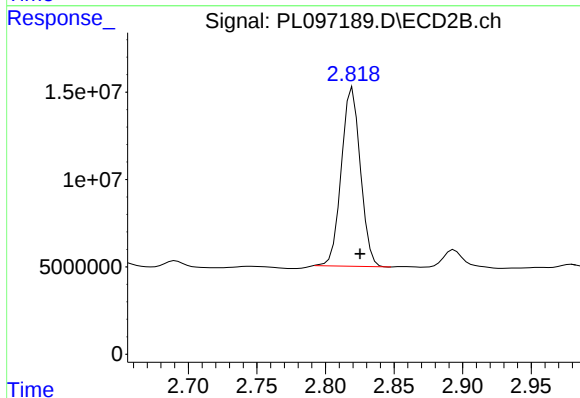
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.006 min
Response: 67024270
Conc: 16.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

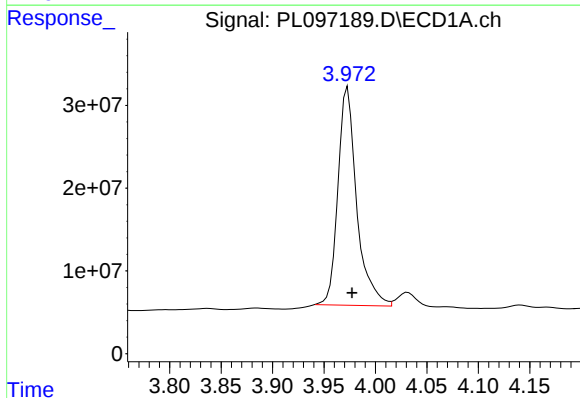
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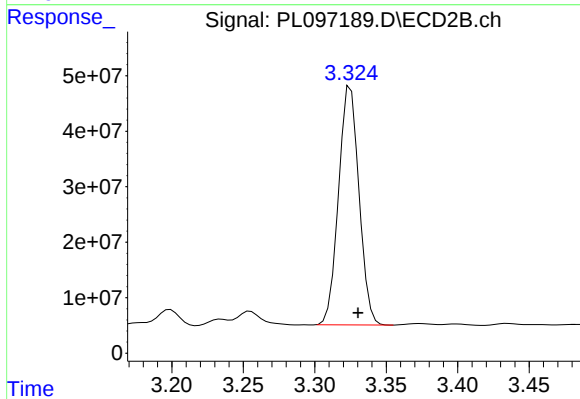
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.006 min
Response: 98918391
Conc: 17.55 ng/ml



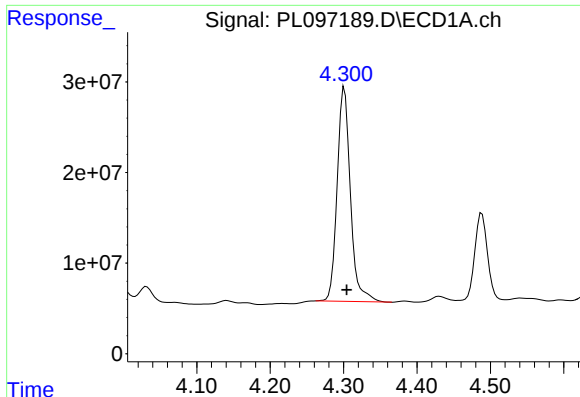
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 334249394
Conc: 57.69 ng/ml



#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 428851722
Conc: 52.23 ng/ml



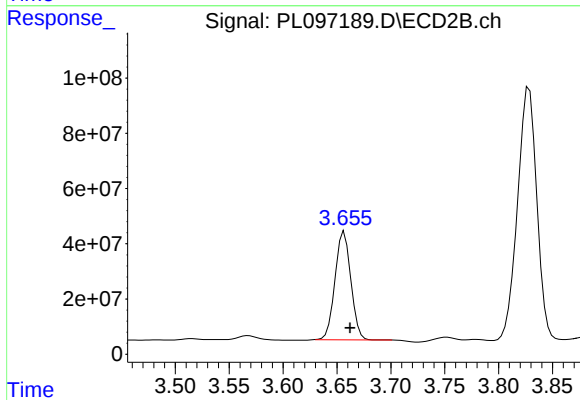
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 297278618
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

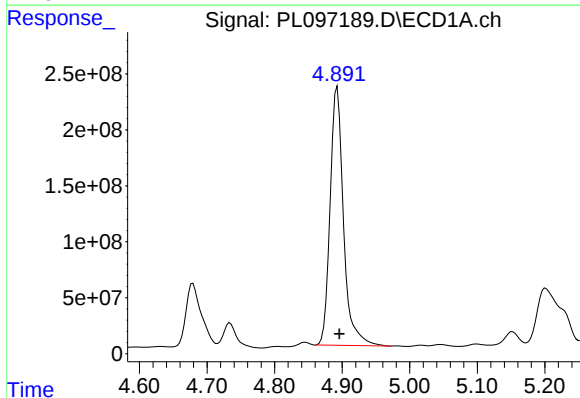
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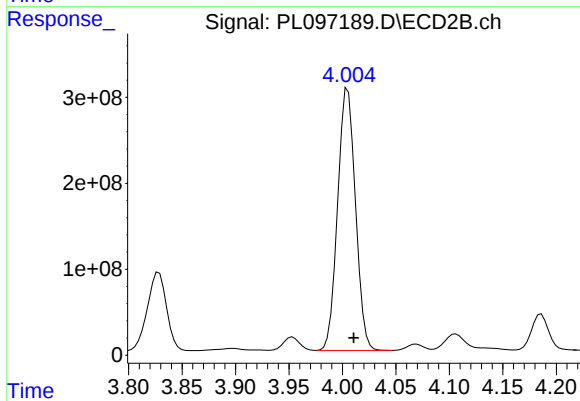
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.005 min
Response: 400303106
Conc: 54.34 ng/ml



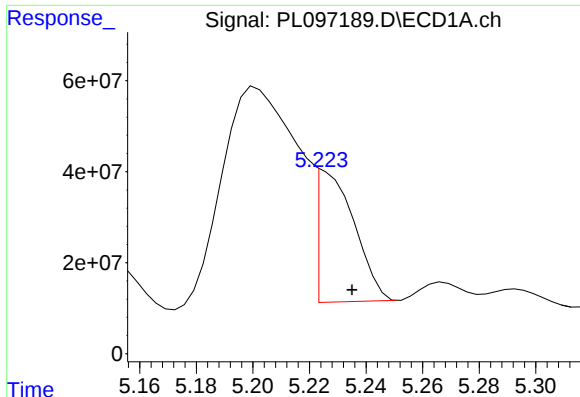
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 3199898349
Conc: 600.09 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.006 min
Response: 3543513532
Conc: 470.95 ng/ml



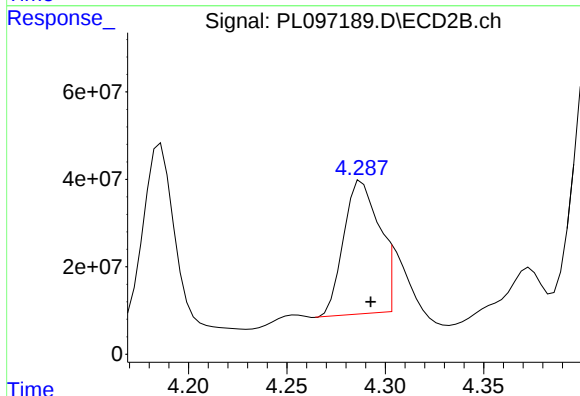
#5 Aldrin

R.T.: 5.223 min
Delta R.T.: -0.012 min
Response: 243884846
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

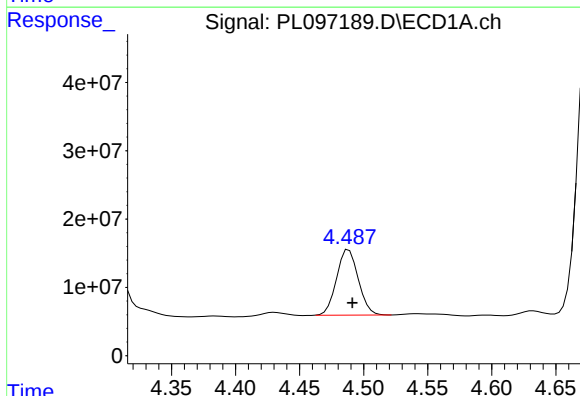
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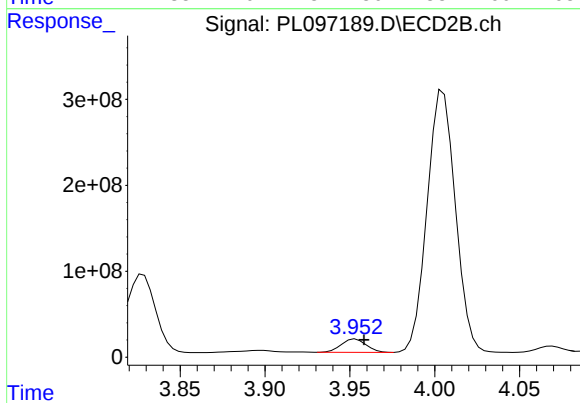
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.006 min
Response: 405451693
Conc: 57.65 ng/ml m



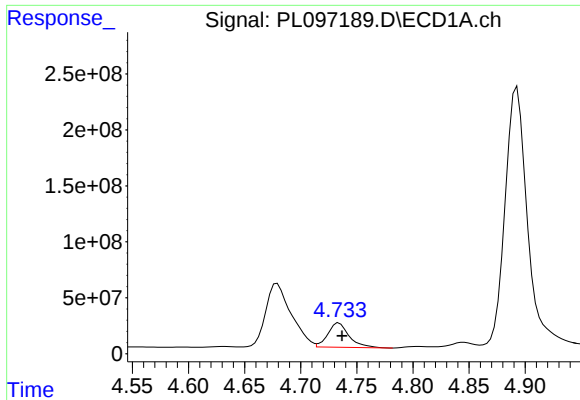
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 113324795
Conc: 49.55 ng/ml



#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: -0.005 min
Response: 159351721
Conc: 48.85 ng/ml



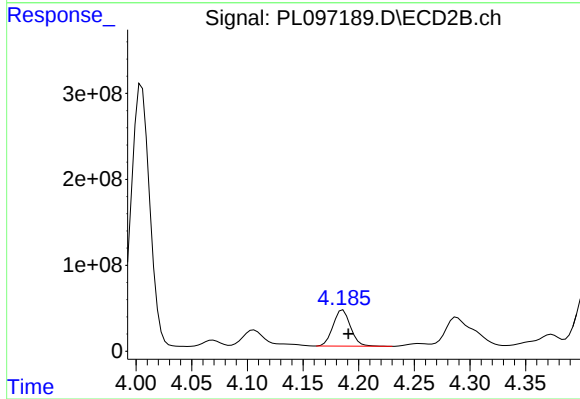
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 285519930
Conc: 63.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

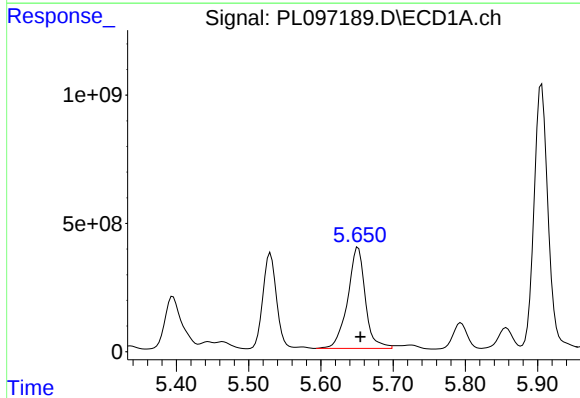
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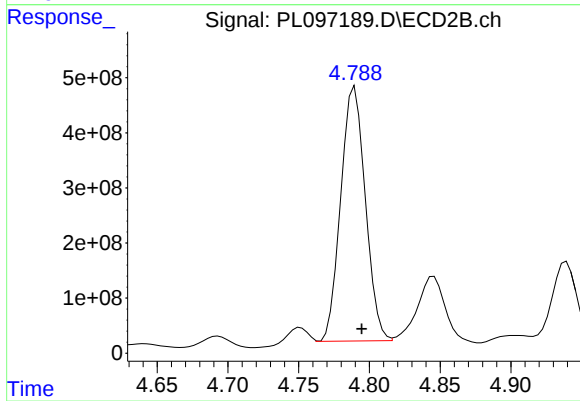
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 461401448
Conc: 62.79 ng/ml



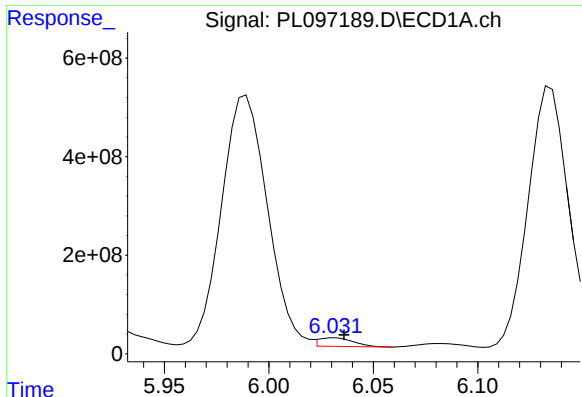
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.004 min
Response: 6663860184
Conc: 1295.01 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 5608639875
Conc: 886.74 ng/ml m



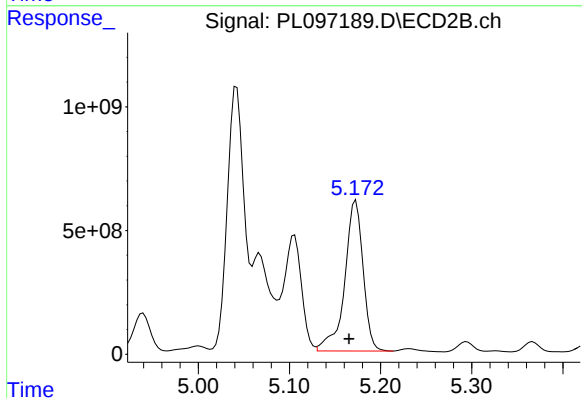
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 200685119
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

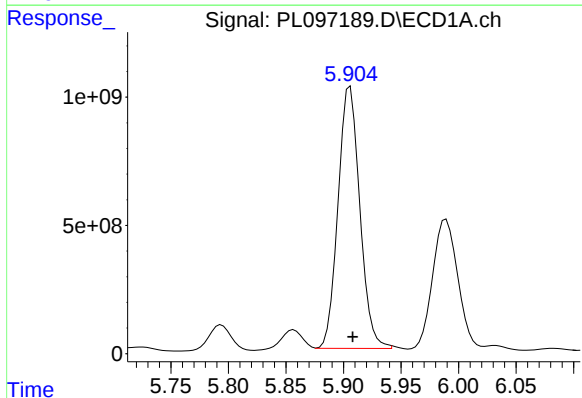
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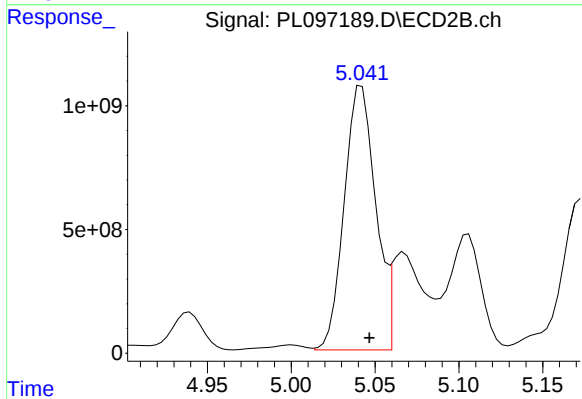
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.007 min
Response: 8554914958
Conc: 1427.89 ng/ml



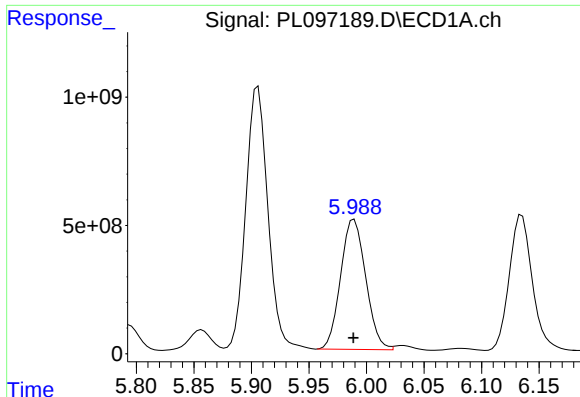
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 13474475701
Conc: 2925.75 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 13882947086
Conc: 2099.95 ng/ml



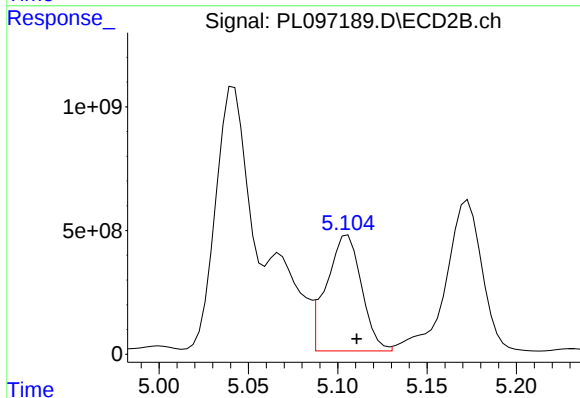
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7727649859
Conc: 1642.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

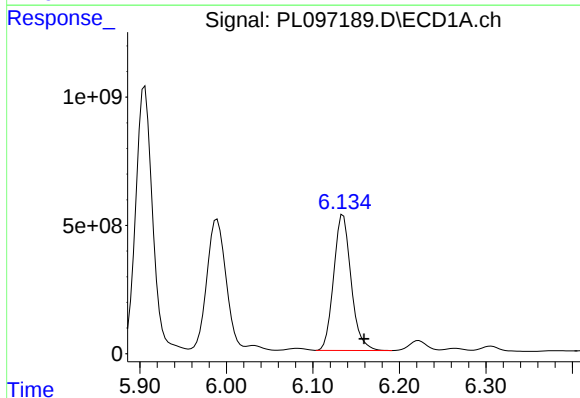
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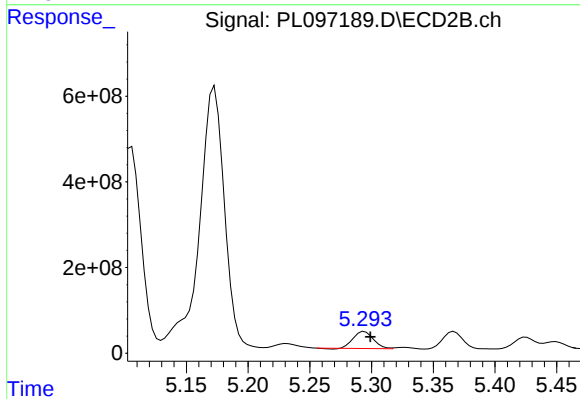
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 6411260765
Conc: 981.85 ng/ml



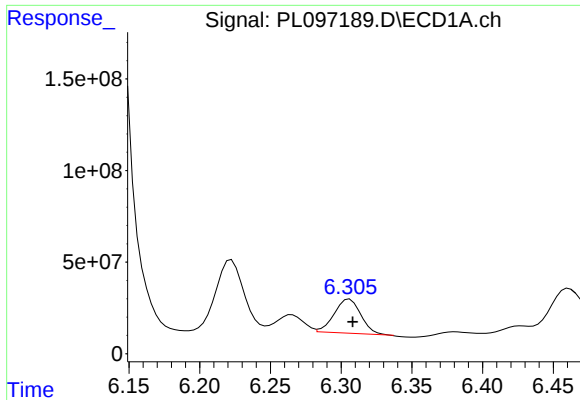
#12 4,4'-DDE

R.T.: 6.135 min
Delta R.T.: -0.024 min
Response: 7369849321
Conc: 1847.02 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.005 min
Response: 453797195
Conc: 73.73 ng/ml



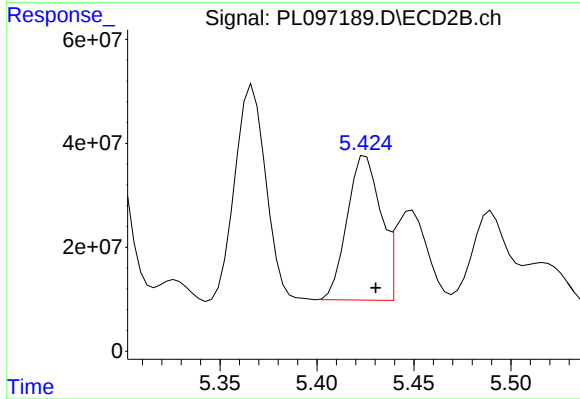
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 242424035
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

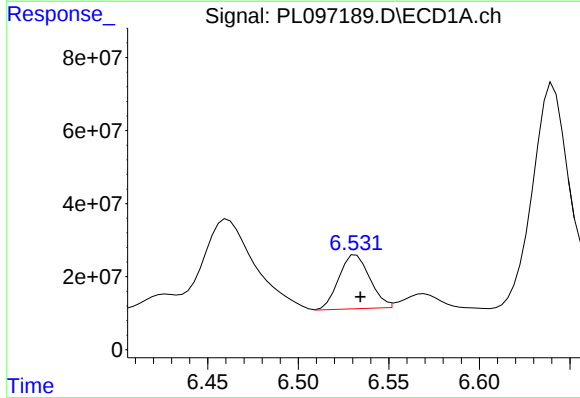
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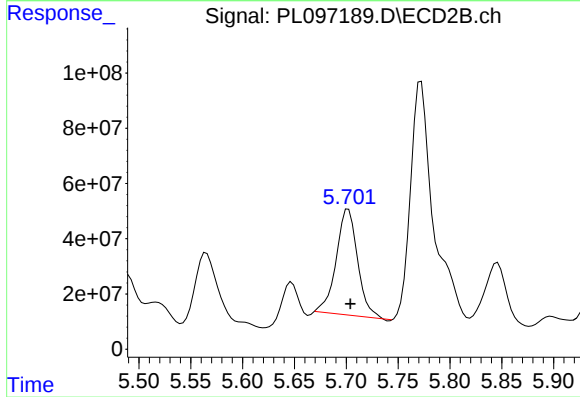
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 333286786
Conc: 50.86 ng/ml



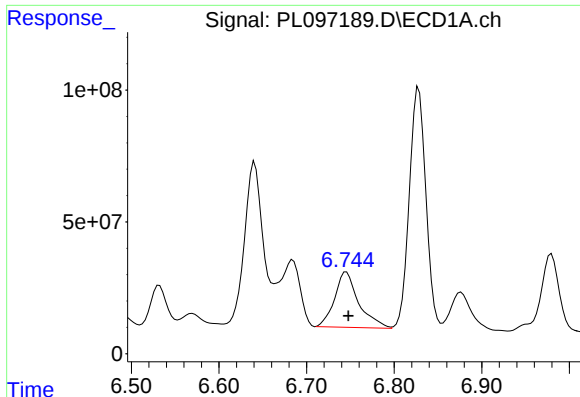
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 174535542
Conc: 46.61 ng/ml m



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 546075187
Conc: 92.44 ng/ml



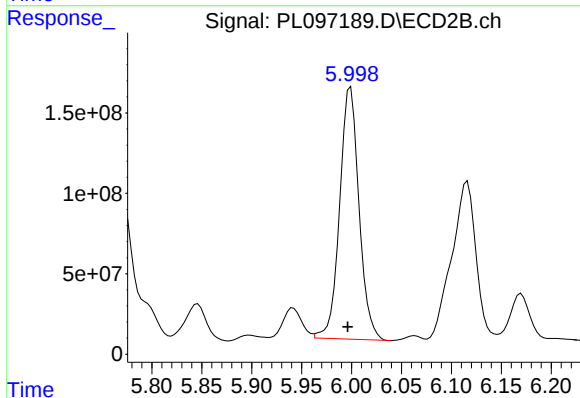
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 400715754
Conc: 90.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

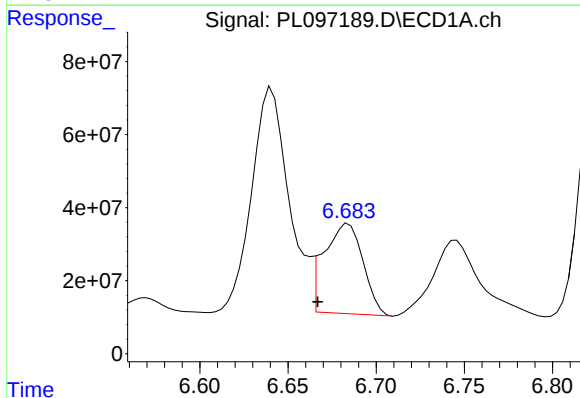
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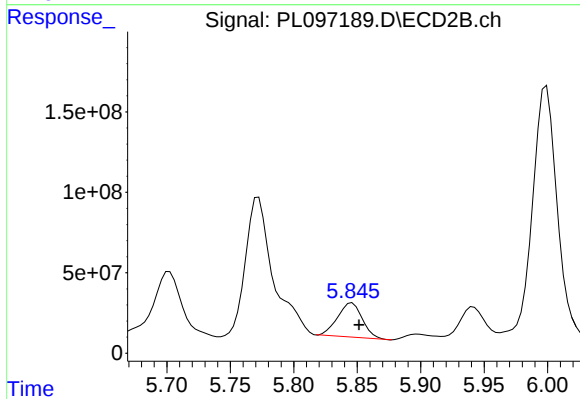
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: 0.003 min
Response: 2116745827
Conc: 370.14 ng/ml



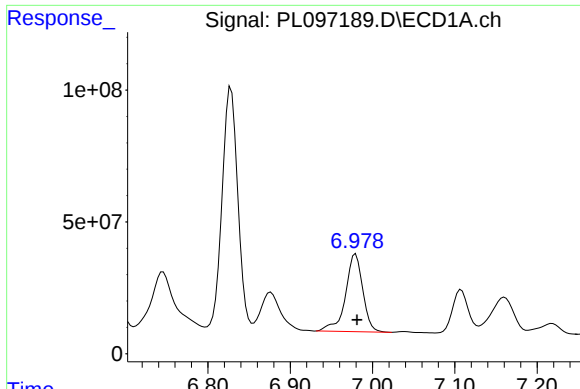
#16 4,4'-DDD

R.T.: 6.683 min
Delta R.T.: 0.016 min
Response: 365215750
Conc: 115.73 ng/ml m



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 288399181
Conc: 55.22 ng/ml



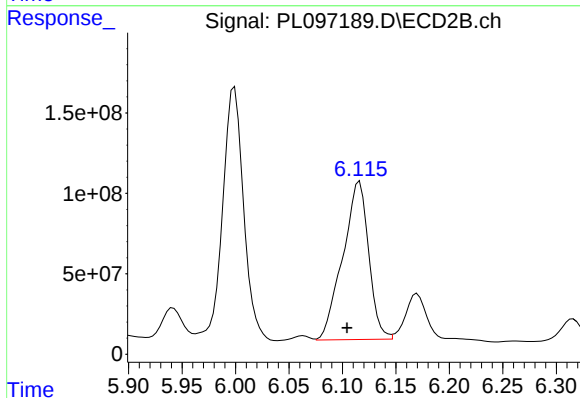
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 431086326
Conc: 123.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

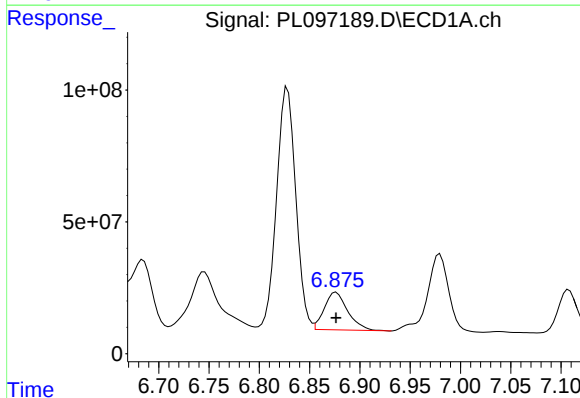
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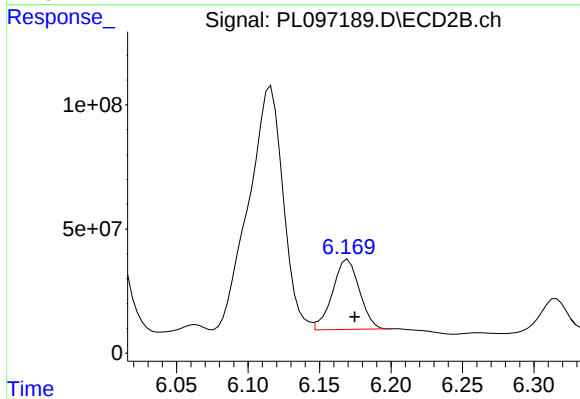
#17 4,4'-DDT

R.T.: 6.116 min
Delta R.T.: 0.012 min
Response: 1658518584
Conc: 302.80 ng/ml



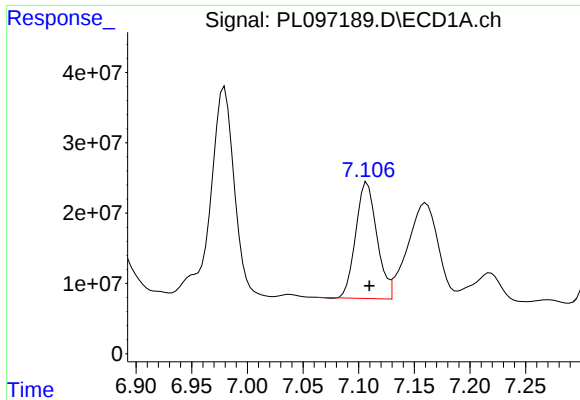
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 231388755
Conc: 88.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.005 min
Response: 371094418
Conc: 93.18 ng/ml



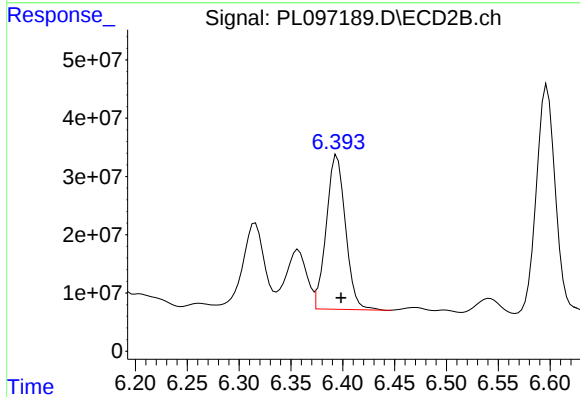
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 219037542
Conc: 63.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

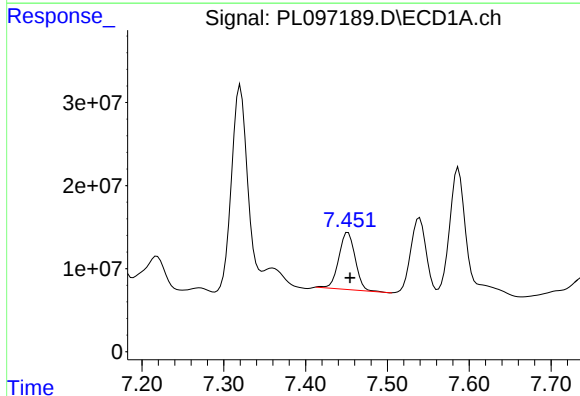
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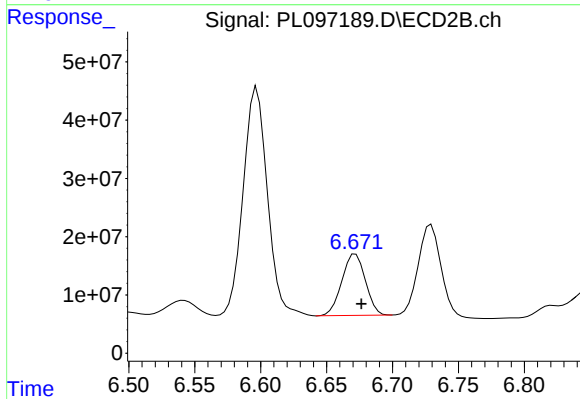
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 341109285
Conc: 60.88 ng/ml



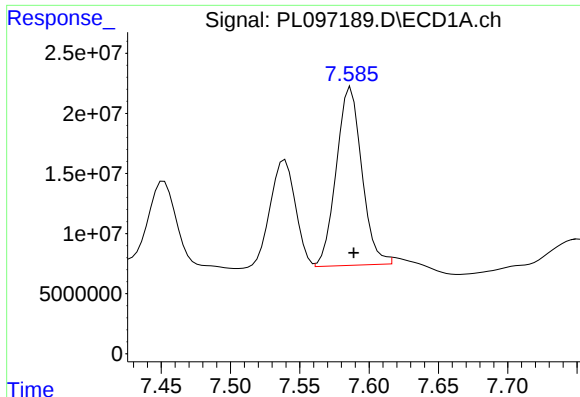
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 95795058
Conc: 55.20 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 130469570
Conc: 43.49 ng/ml



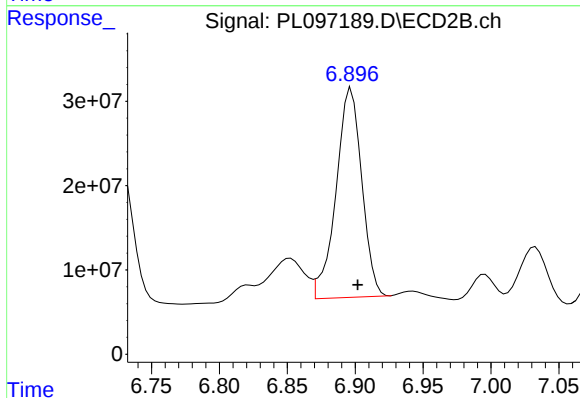
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 191217193
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

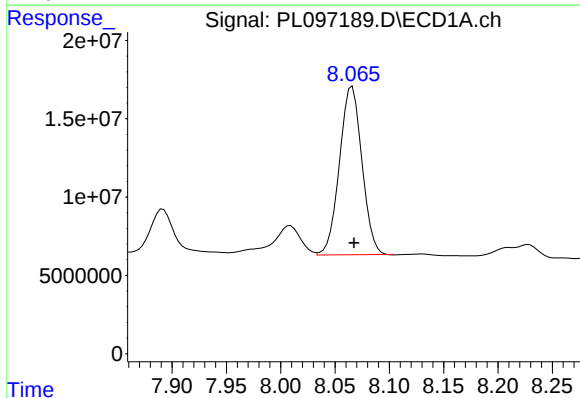
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



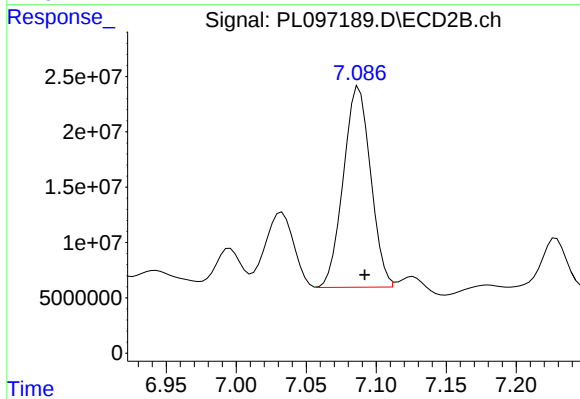
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.005 min
Response: 327474230
Conc: 52.32 ng/ml



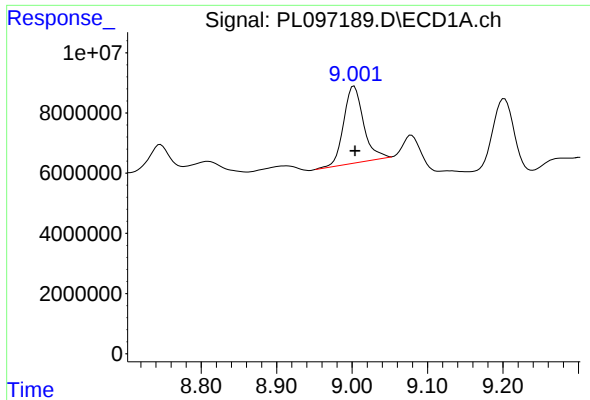
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 154529778
Conc: 51.65 ng/ml m



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.006 min
Response: 245480348
Conc: 50.55 ng/ml m



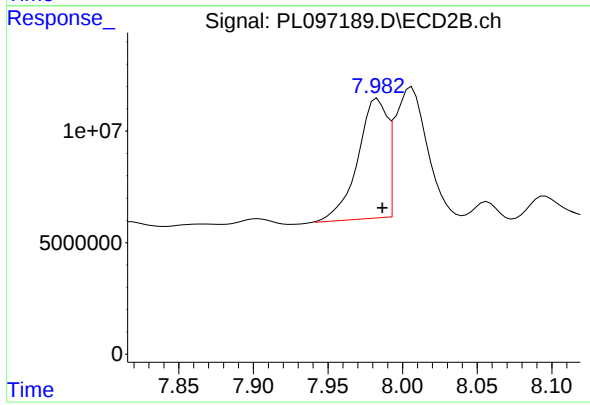
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.001 min
Response: 46806640
Conc: 15.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 82740191
Conc: 17.25 ng/ml m