

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072525\
 Data File : PL096588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2025 16:55
 Operator : AR\AJ
 Sample : Q2687-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-251MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/28/2025
 Supervised By : mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 23:29:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.533	2.827	61459911	113.9E6	16.843m	19.734
28)	SA Decachlor...	9.016	7.992	38886520	60369202	13.824	12.107
Target Compounds							
2)	A alpha-BHC	3.982	3.333	254.6E6	468.0E6	49.508	55.487
3)	MA gamma-BHC...	4.310	3.665	236.2E6	421.8E6	47.441	53.559
4)	MA Heptachlor	4.901	4.014	217.0E6	421.7E6	47.363m	55.434
5)	MB Aldrin	5.241	4.297	223.9E6	380.4E6	46.320m	52.139
6)	B beta-BHC	4.497	3.962	100.1E6	173.0E6	48.138	50.529
7)	B delta-BHC	4.743	4.195	238.1E6	422.2E6	53.132	54.814
8)	B Heptachlo...	5.662	4.799	219.1E6	343.4E6	52.807	51.371
9)	A Endosulfan I	6.043	5.171	188.6E6	305.5E6	46.723	42.583
10)	B gamma-Chl...	5.915	5.050	220.0E6	404.7E6	49.717	57.658m
11)	B alpha-Chl...	5.997	5.115	237.9E6	419.4E6	54.318	55.769
12)	B 4,4'-DDE	6.166	5.304	162.5E6	336.2E6	43.833	52.011
13)	MA Dieldrin	6.316	5.435	186.0E6	385.5E6	43.997	56.529 #
14)	MA Endrin	6.543	5.709	148.5E6	300.2E6	47.730	49.241
15)	B Endosulfa...	6.755	6.001	161.2E6	296.3E6	46.452	50.538
16)	A 4,4'-DDD	6.675	5.856	147.1E6	231.0E6	50.504	45.037
17)	MA 4,4'-DDT	6.989	6.109	138.7E6	273.9E6	45.682	47.766
18)	B Endrin al...	6.884	6.179	118.0E6	211.5E6	52.775	47.478
19)	B Endosulfa...	7.117	6.403	130.6E6	250.4E6	42.682	44.525
20)	A Methoxychlor	7.462	6.680	65229274	122.8E6	41.405	40.419m
21)	B Endrin ke...	7.597	6.907	137.4E6	270.3E6	41.628	43.227
22)	Mirex	8.077	7.097	110.1E6	192.5E6	39.584	38.749

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072525\
Data File : PL096588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 16:55
Operator : AR\AJ
Sample : Q2687-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

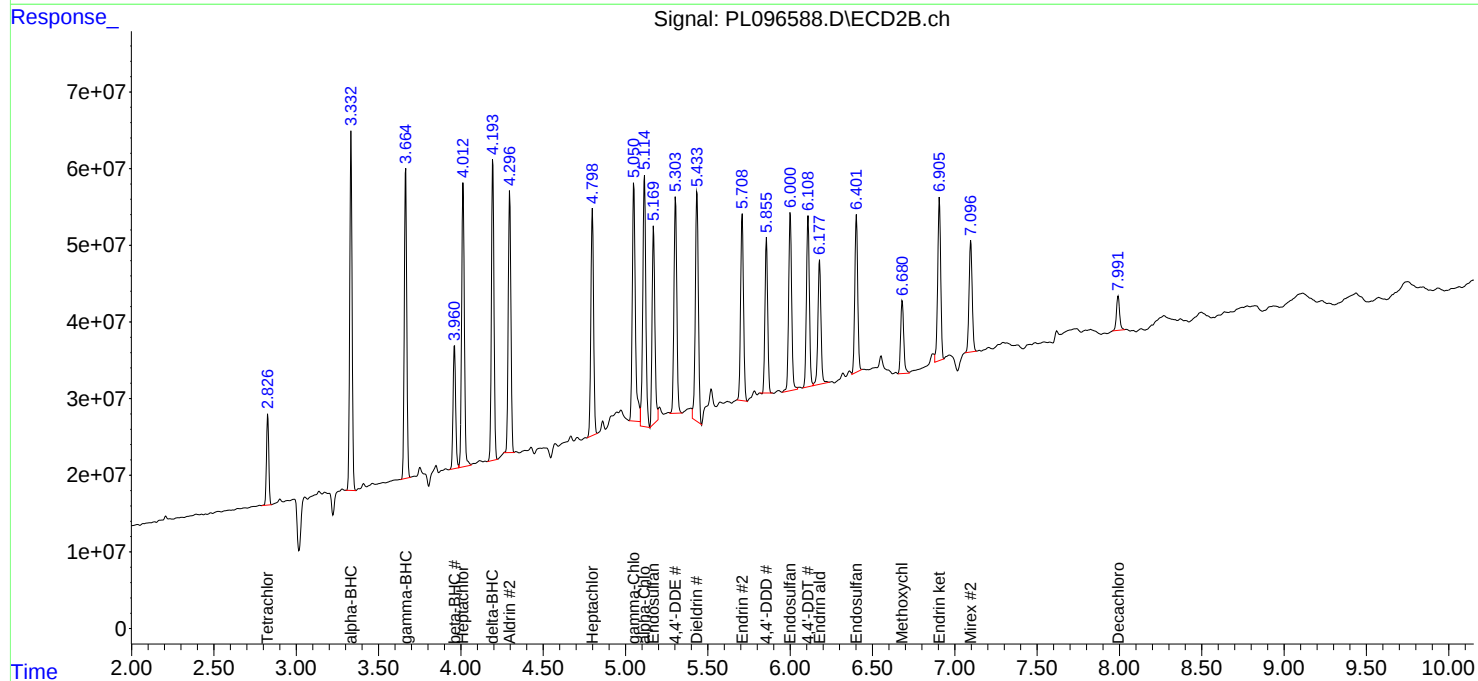
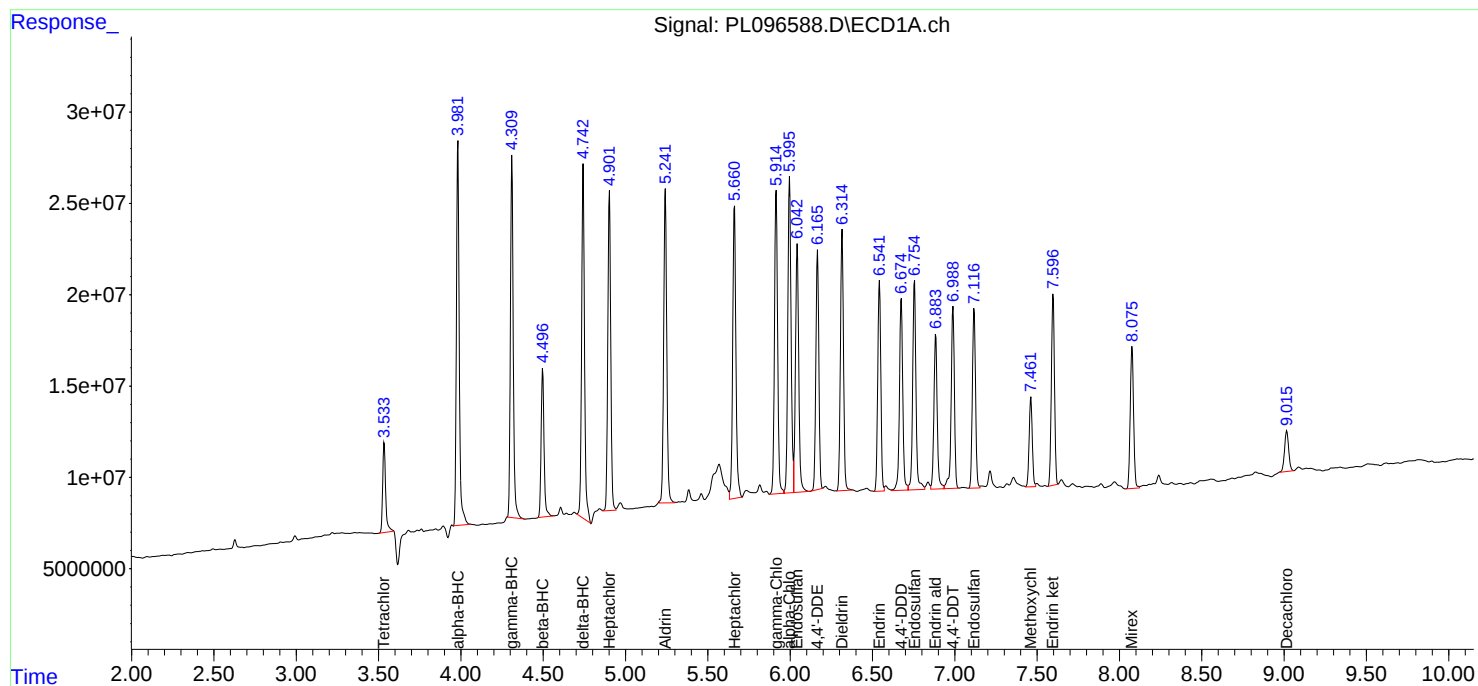
Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

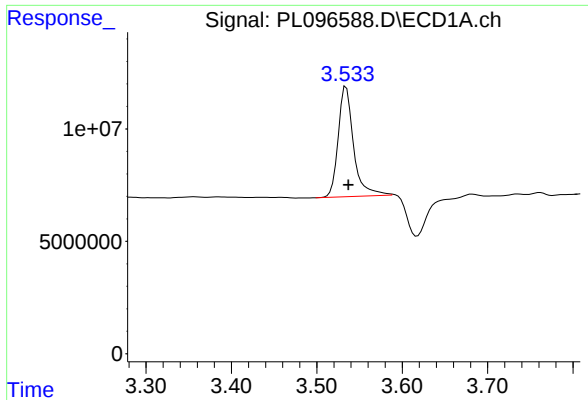
Manual Integrations
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Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 23:29:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





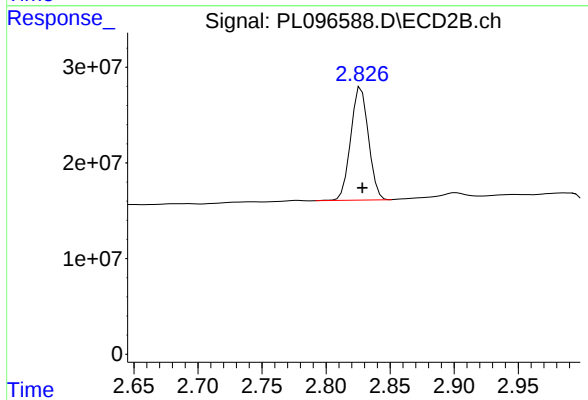
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.004 min
Response: 61459911
Conc: 16.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

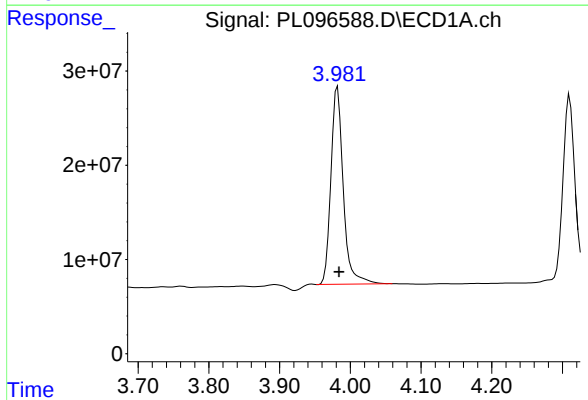
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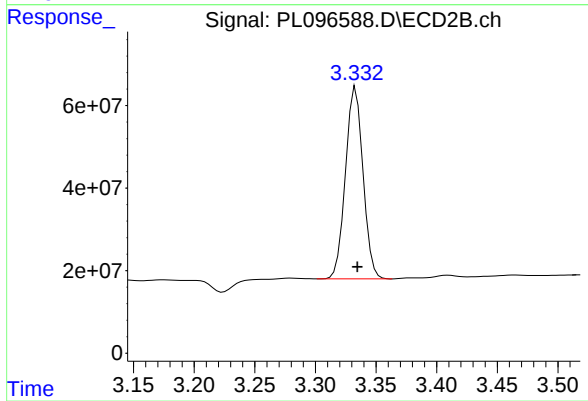
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 113890726
Conc: 19.73 ng/ml



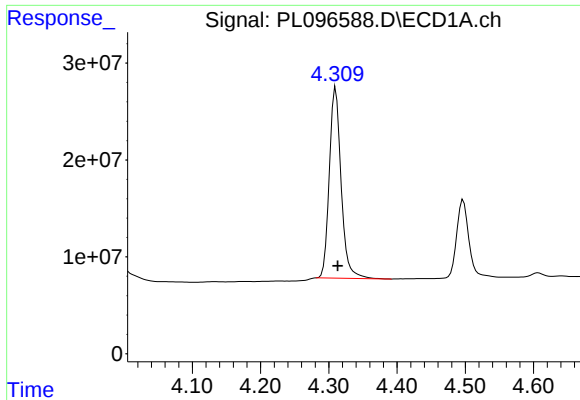
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 254628739
Conc: 49.51 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 467996886
Conc: 55.49 ng/ml



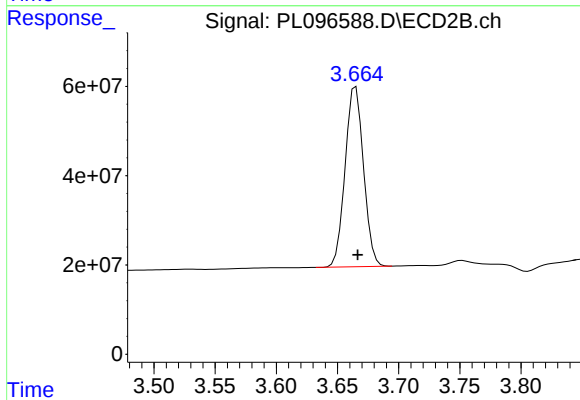
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 236240703
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

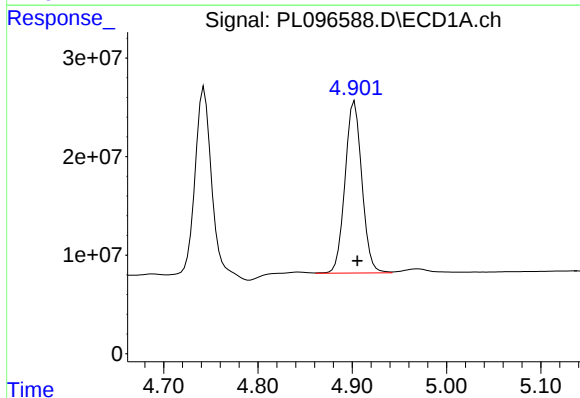
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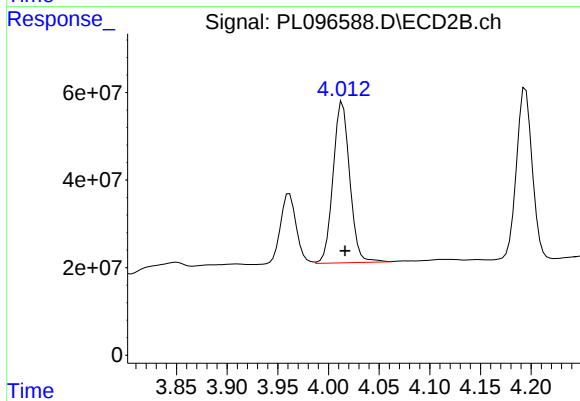
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 421823939
Conc: 53.56 ng/ml



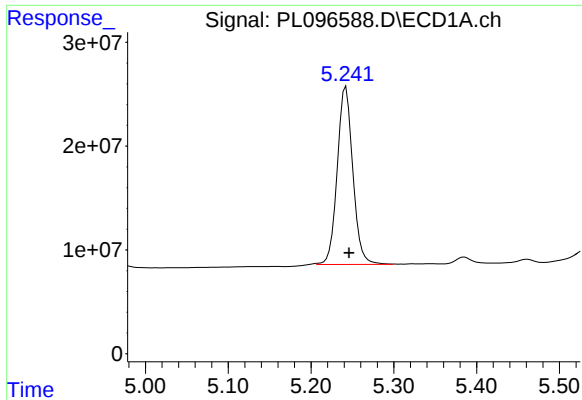
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 216978028
Conc: 47.36 ng/ml m



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 421730078
Conc: 55.43 ng/ml



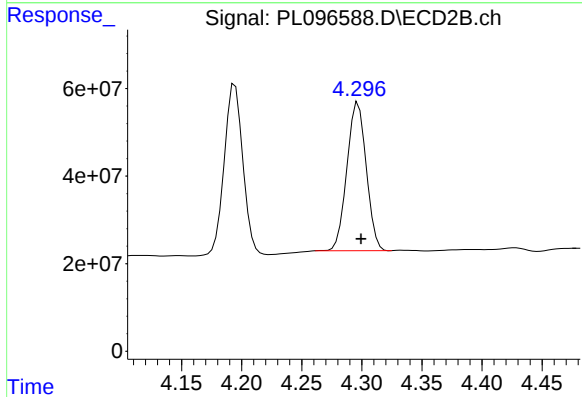
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.005 min
Response: 223898966
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

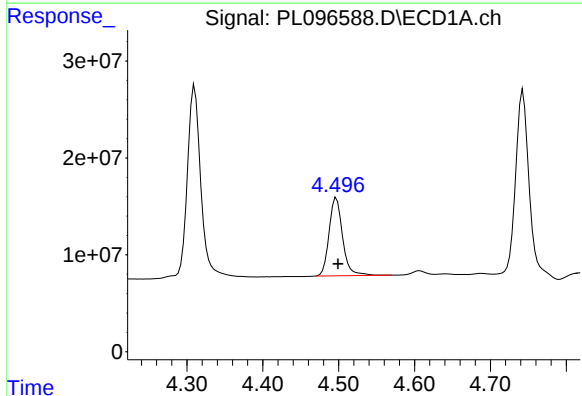
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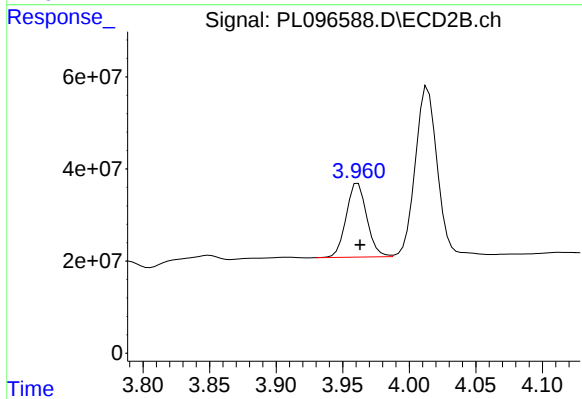
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 380384340
Conc: 52.14 ng/ml



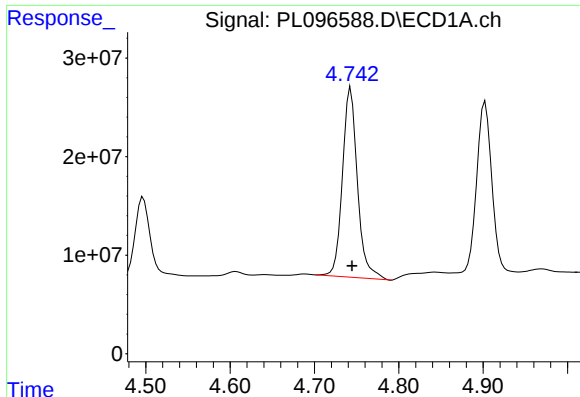
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 100068961
Conc: 48.14 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 173006566
Conc: 50.53 ng/ml



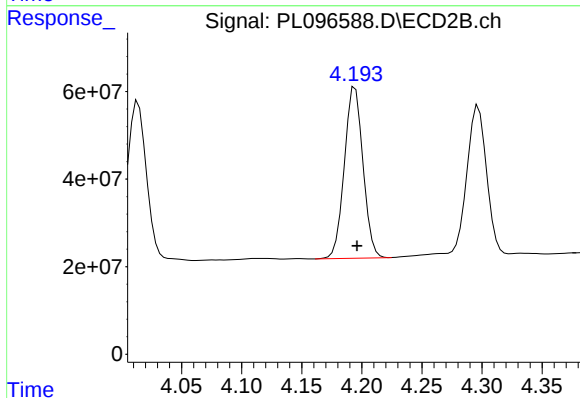
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 238100465
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

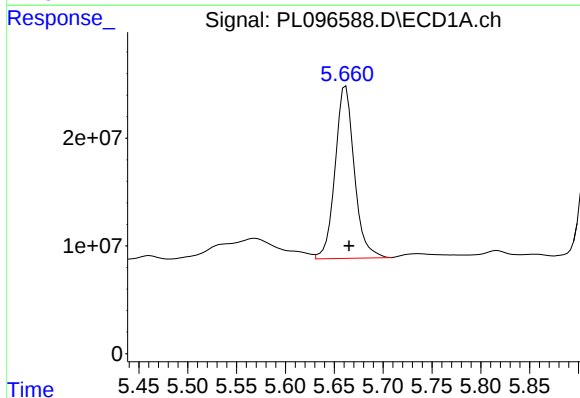
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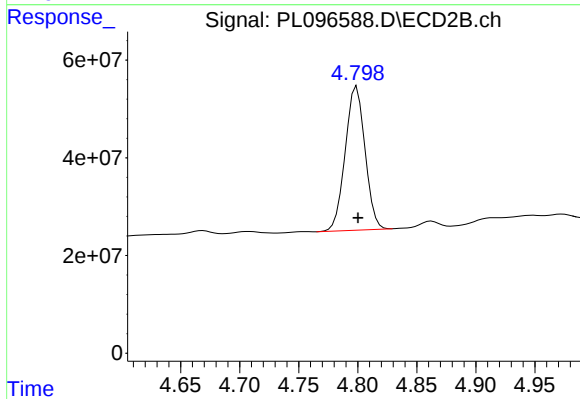
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 422173724
Conc: 54.81 ng/ml



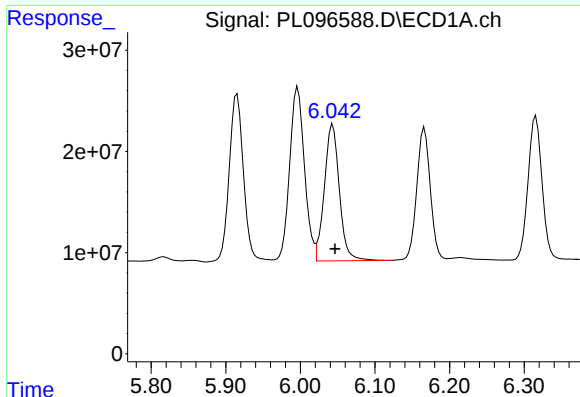
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 219103110
Conc: 52.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 343409469
Conc: 51.37 ng/ml



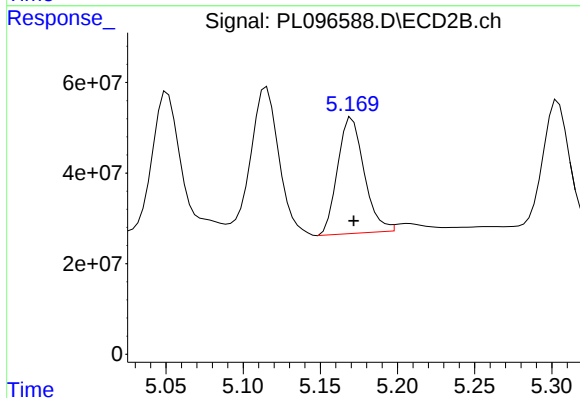
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 188630912
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

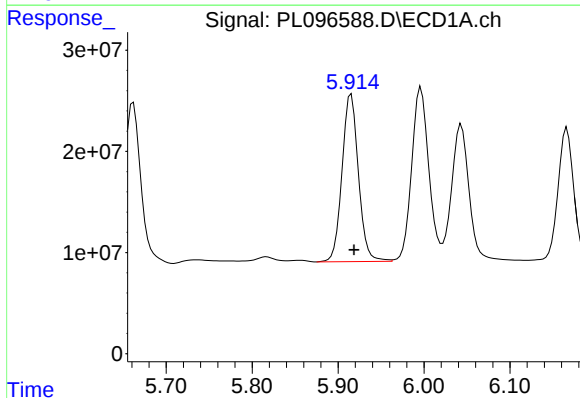
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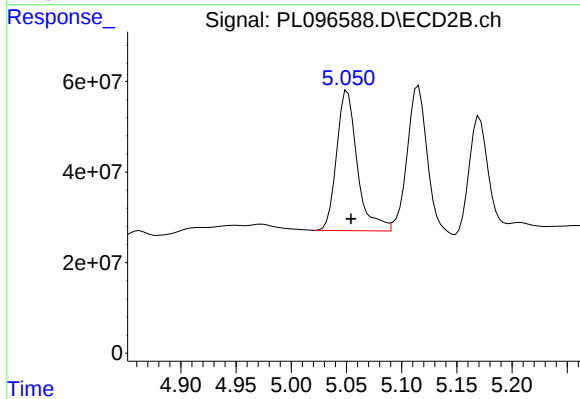
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 305498110
Conc: 42.58 ng/ml



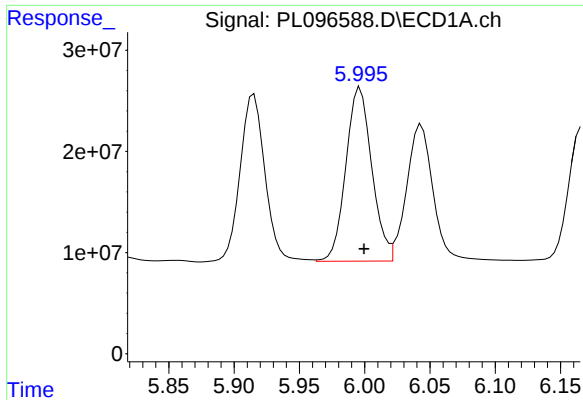
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 219988377
Conc: 49.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 404744948
Conc: 57.66 ng/ml m



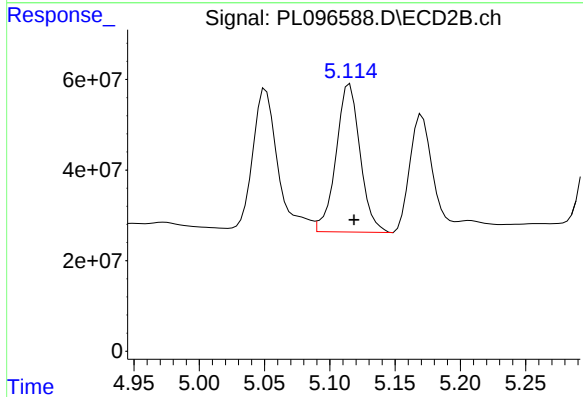
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 237851368
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

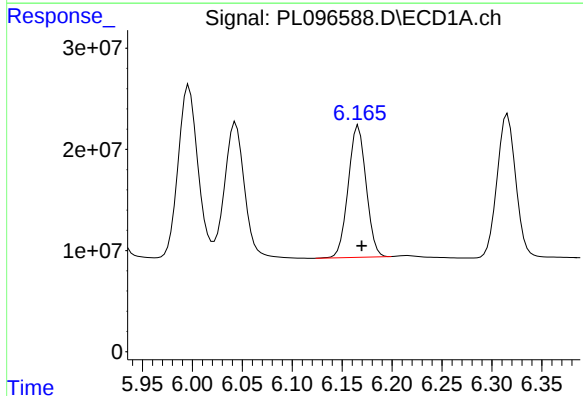
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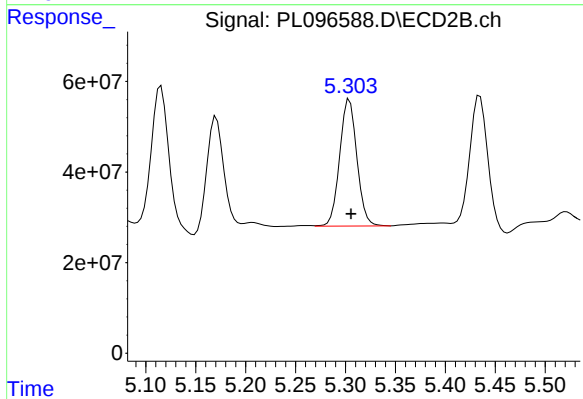
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 419392714
Conc: 55.77 ng/ml



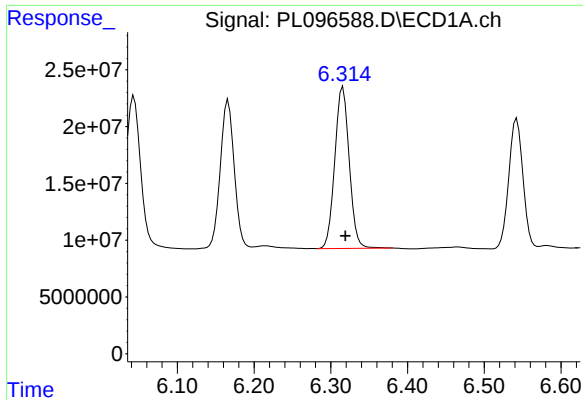
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 162508245
Conc: 43.83 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 336181479
Conc: 52.01 ng/ml



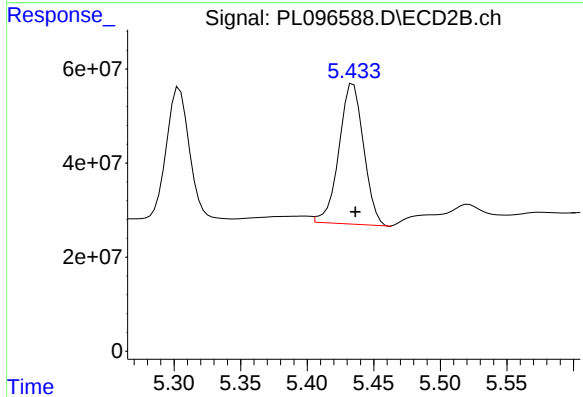
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 186036326
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

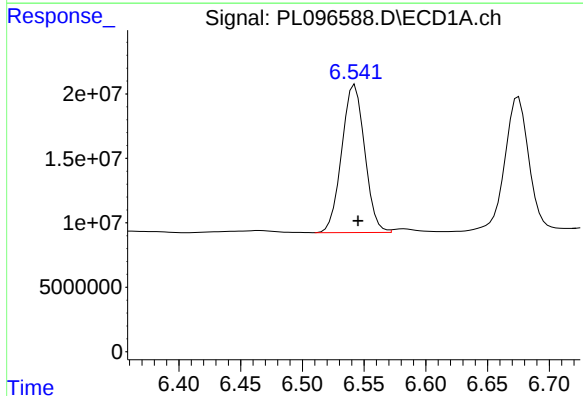
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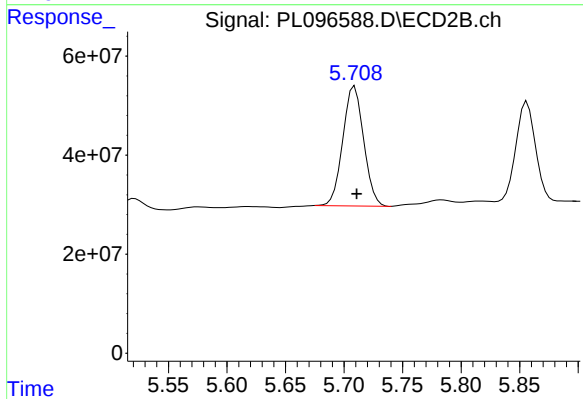
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 385488990
Conc: 56.53 ng/ml



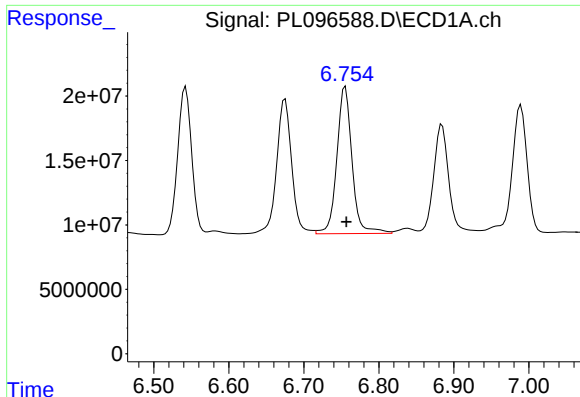
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 148451929
Conc: 47.73 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 300197661
Conc: 49.24 ng/ml



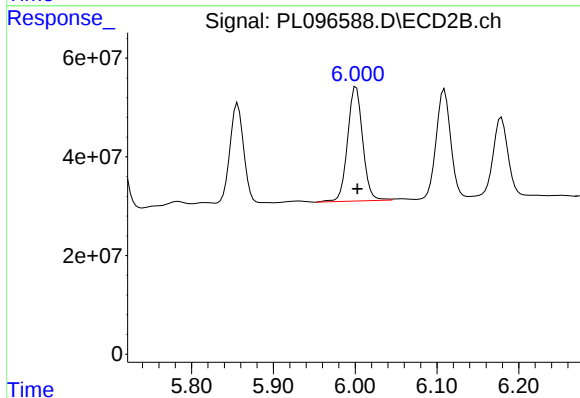
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 161192075
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

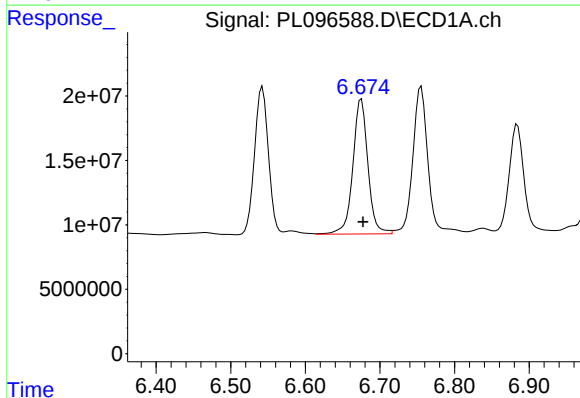
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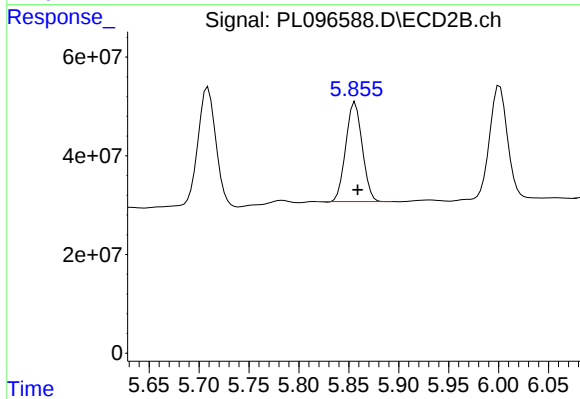
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 296347041
Conc: 50.54 ng/ml



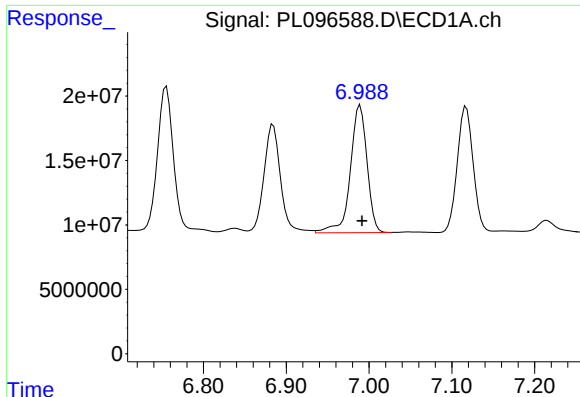
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 147052927
Conc: 50.50 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 230981538
Conc: 45.04 ng/ml



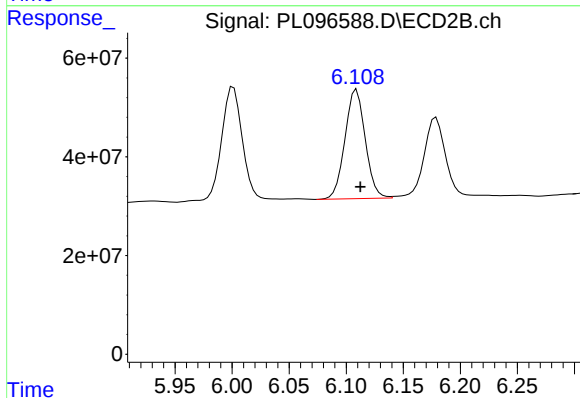
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 138653405
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

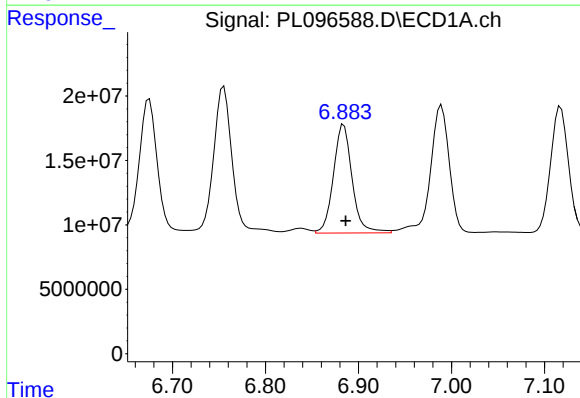
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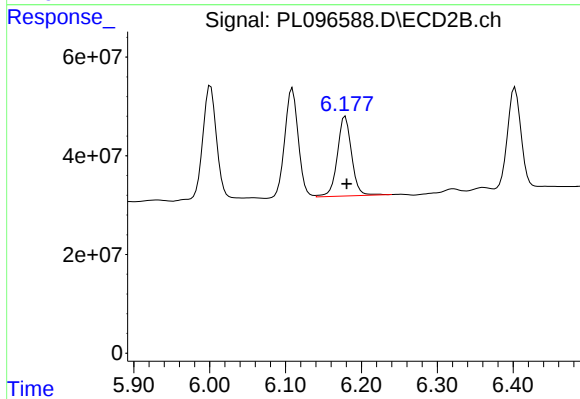
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 273945518
Conc: 47.77 ng/ml



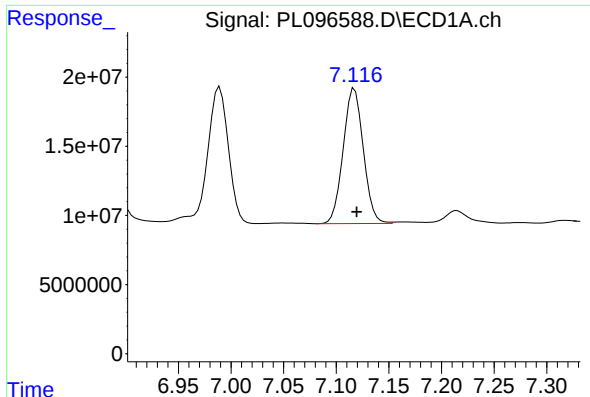
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 117980416
Conc: 52.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 211495193
Conc: 47.48 ng/ml



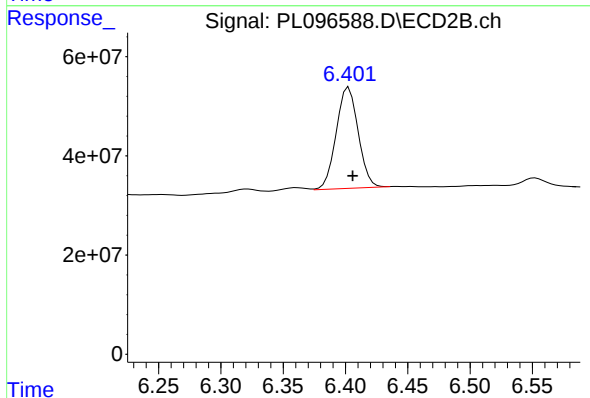
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 130558413
Conc: 42.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

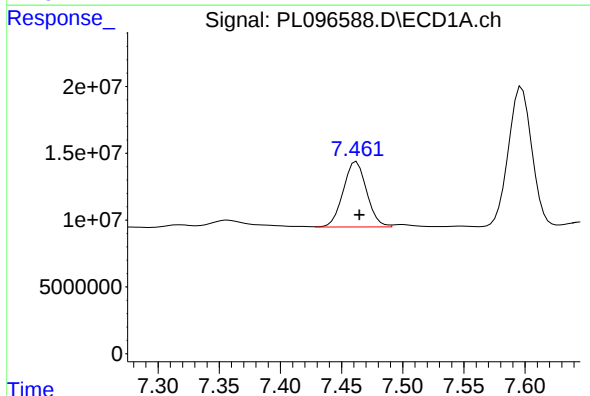
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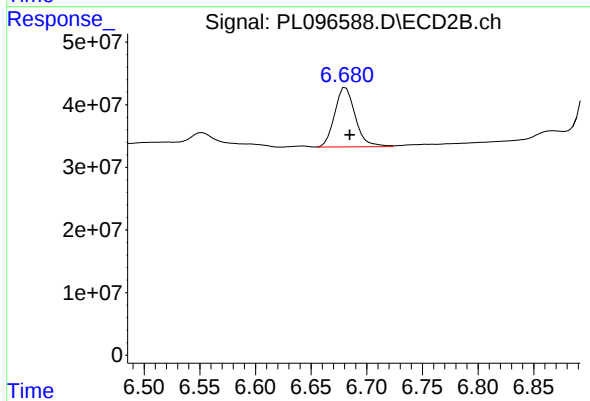
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 250428057
Conc: 44.53 ng/ml



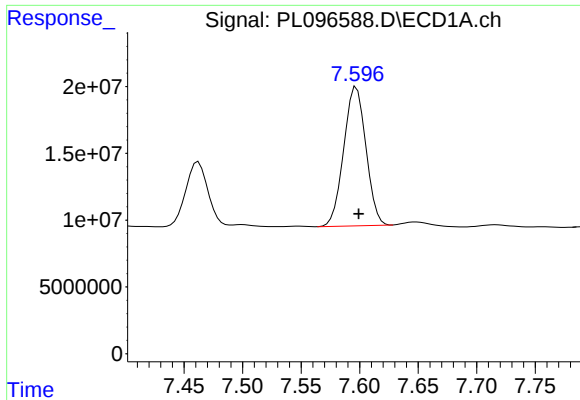
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 65229274
Conc: 41.40 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 122784959
Conc: 40.42 ng/ml m



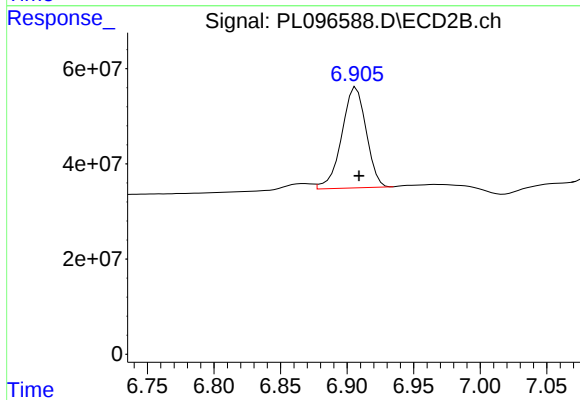
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 137440710
Conc: 41.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

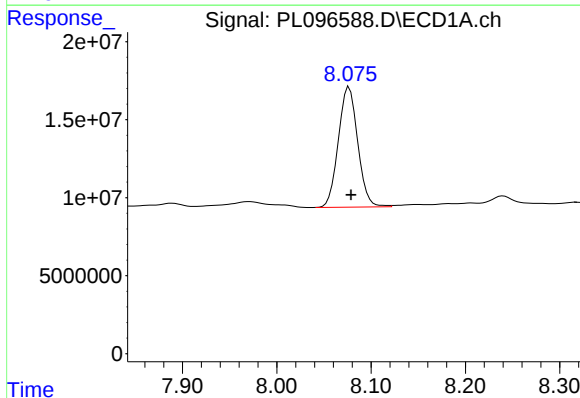
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/28/2025
Supervised By :mohammad ahmed 07/29/2025



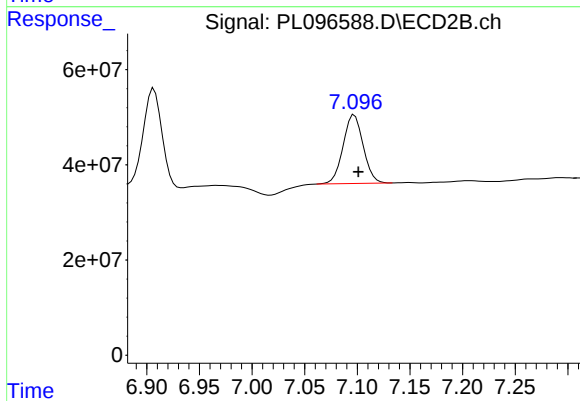
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 270267853
Conc: 43.23 ng/ml



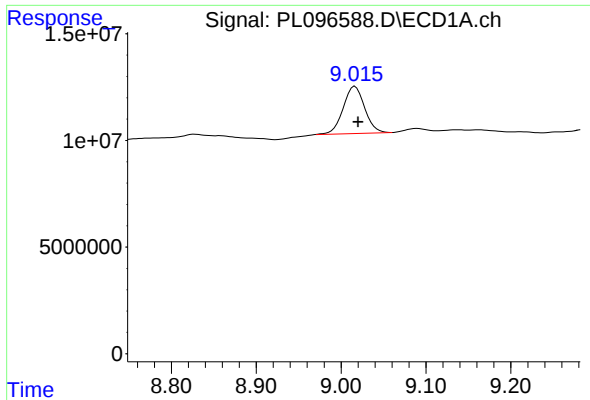
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.002 min
Response: 110130451
Conc: 39.58 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 192511670
Conc: 38.75 ng/ml



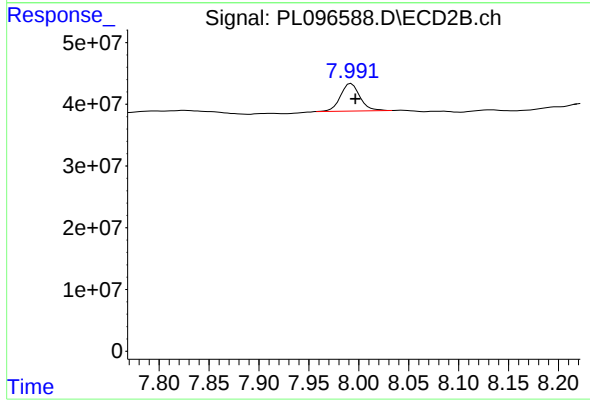
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 38886520
Conc: 13.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-251MSD

Manual Integrations
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Supervised By :mohammad ahmed 07/29/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 60369202
Conc: 12.11 ng/ml