

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010322\
 Data File : PD067568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2022 14:52
 Operator : AR\AJ
 Sample : PB141792BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB141792BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/04/2022
 Supervised By :mohammad ahmed 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 00:36:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 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...	3.437	3.963	31164301	123.4E6	17.149	18.705
28)	SA Decachlor...	8.160	9.021	14401100	81608504	16.212	17.171
Target Compounds							
2)	A alpha-BHC	3.873	4.355	133.6E6	424.0E6	46.315	45.700m
3)	MA gamma-BHC...	4.155	4.642	122.7E6	395.7E6	46.116	46.956
4)	MA Heptachlor	4.448	5.142	123.0E6	352.6E6	45.231	45.955
5)	MB Aldrin	4.693	5.445	131.5E6	346.3E6	47.497	46.706
6)	B beta-BHC	4.404	4.819	48114782	177.2E6	43.781	45.440m
7)	B delta-BHC	4.606	5.035	116.9E6	372.4E6	45.309	49.695
8)	B Heptachlo...	5.134	5.835	114.2E6	305.9E6	46.328	57.316
9)	A Endosulfan I	5.470	6.192	104.4E6	289.2E6	46.923	47.764
10)	B gamma-Chl...	5.358	6.069	123.8E6	308.6E6	50.063	47.574
11)	B alpha-Chl...	5.416	6.140	112.1E6	305.2E6	46.374	47.087
12)	B 4,4'-DDE	5.580	6.301	108.1E6	292.2E6	48.814	47.440
13)	MA Dieldrin	5.712	6.450	113.2E6	315.7E6	46.900	47.518
14)	MA Endrin	5.969	6.669	86131486	239.3E6	41.002	43.162
15)	B Endosulfa...	6.243	6.883	88347449	273.8E6	44.055	46.072
16)	A 4,4'-DDD	6.095	6.795	77307808	241.8E6	44.999	48.308
17)	MA 4,4'-DDT	6.333	7.092	71489539	231.1E6	43.751	43.183
18)	B Endrin al...	6.411	7.008	67503526	216.2E6	44.422	47.920
19)	B Endosulfa...	6.623	7.230	72272594	255.4E6	44.766	46.722m
20)	A Methoxychlor	6.880	7.554	33033553	121.2E6	38.914	41.763m
21)	B Endrin ke...	7.114	7.704	80422119	294.8E6	46.991	46.984
22)	Mirex	7.295	8.151	56130774	212.8E6	46.927	49.012

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

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 Acq On : 03 Jan 2022 14:52
 Operator : AR\AJ
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 ALS Vial : 6 Sample Multiplier: 1

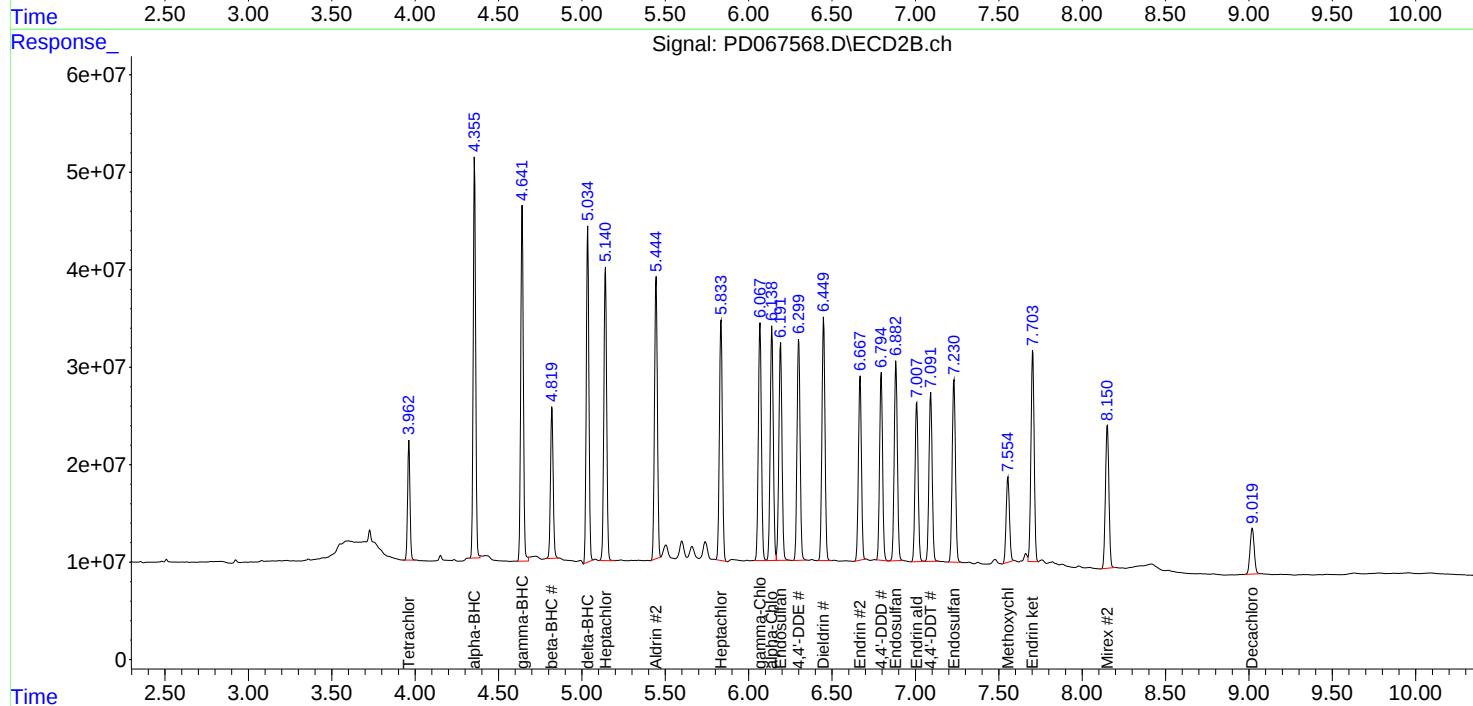
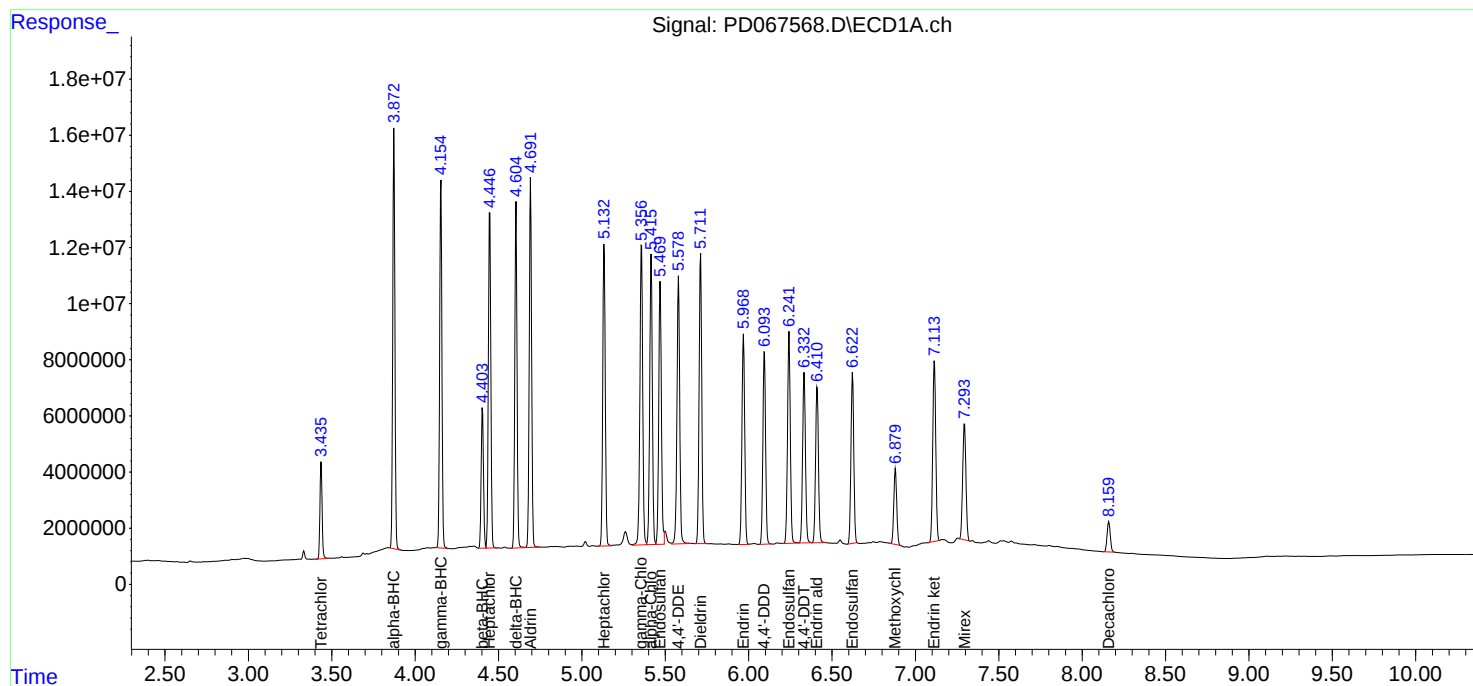
Instrument :
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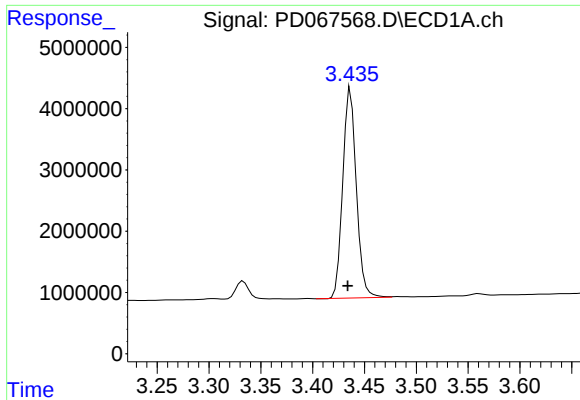
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 00:36:39 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





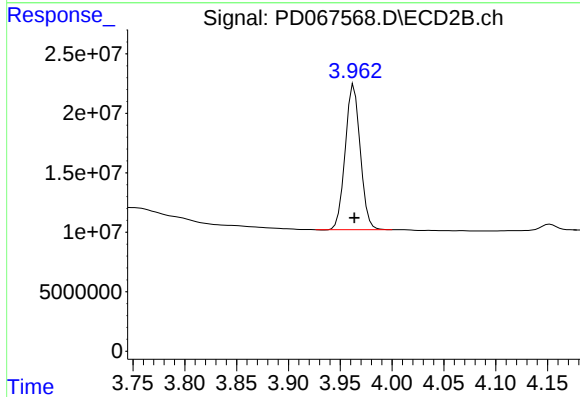
#1 Tetrachloro-m-xylene

R.T.: 3.437 min
Delta R.T.: 0.003 min
Response: 31164301
Conc: 17.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

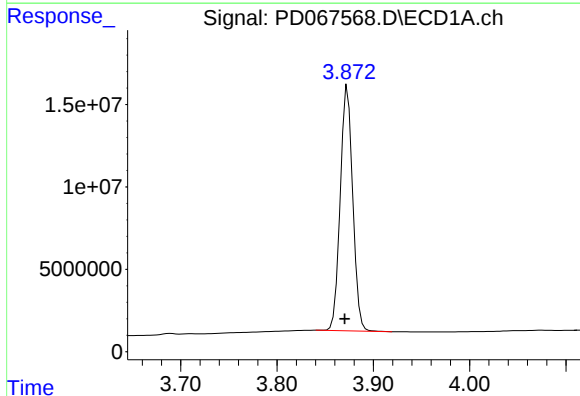
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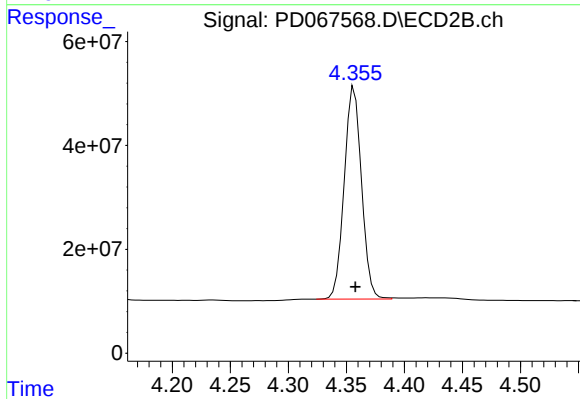
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 123419921
Conc: 18.71 ng/ml



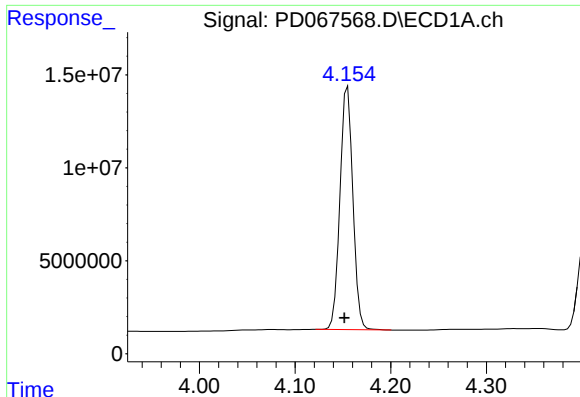
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: 0.003 min
Response: 133575232
Conc: 46.31 ng/ml



#2 alpha-BHC

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 424011707
Conc: 45.70 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.155 min
Delta R.T.: 0.003 min
Response: 122652262
Conc: 46.12 ng/ml

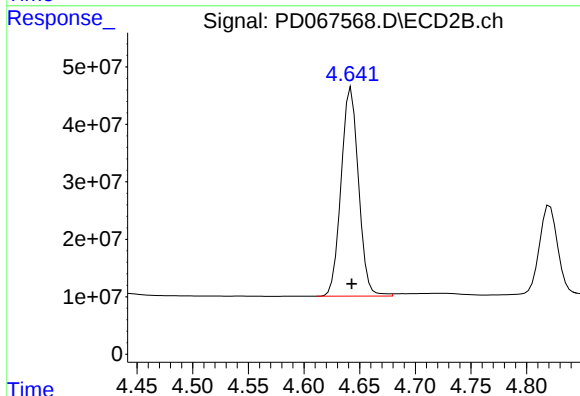
Instrument :

ECD_D

ClientSampleId :
PB141792BS

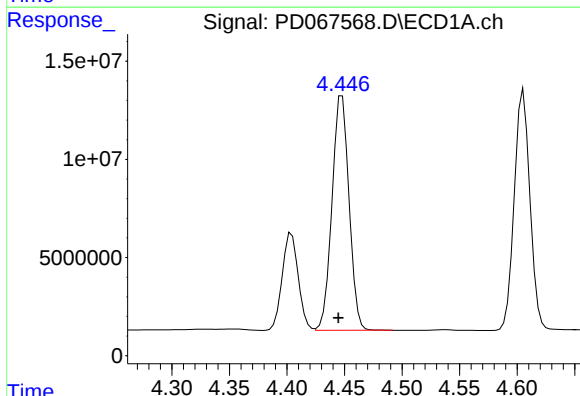
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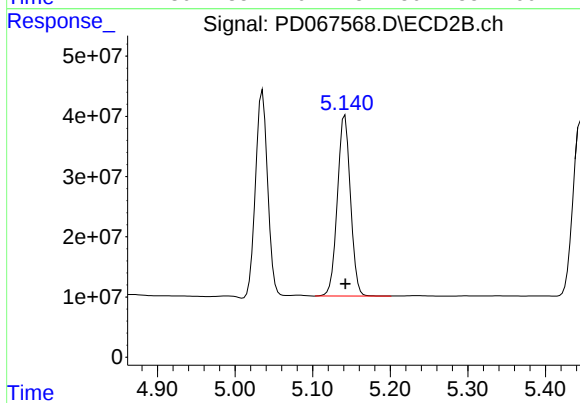
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 395733133
Conc: 46.96 ng/ml



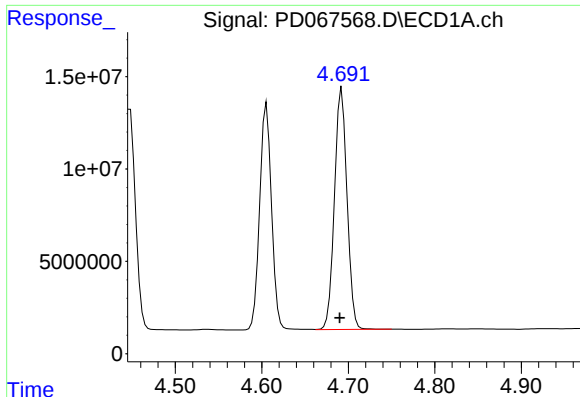
#4 Heptachlor

R.T.: 4.448 min
Delta R.T.: 0.003 min
Response: 123002442
Conc: 45.23 ng/ml



#4 Heptachlor

R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 352567345
Conc: 45.96 ng/ml



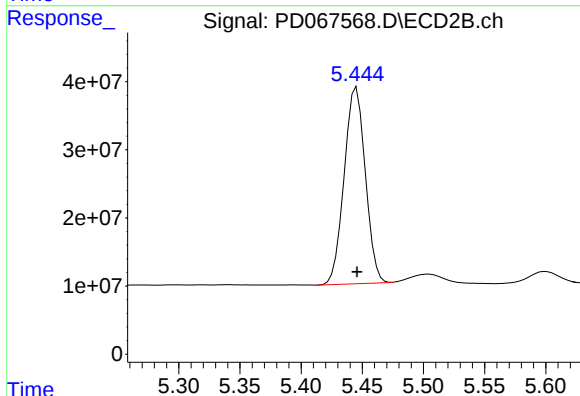
#5 Aldrin

R.T.: 4.693 min
Delta R.T.: 0.003 min
Response: 131463575
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

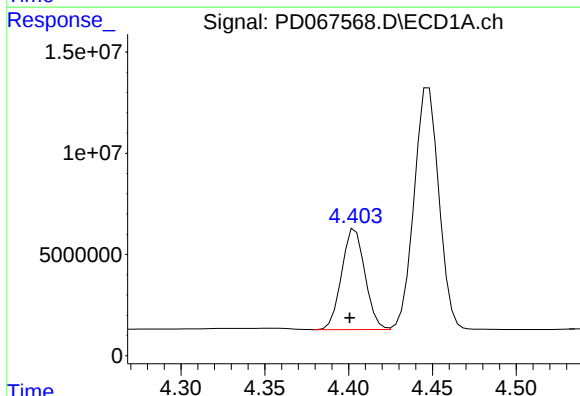
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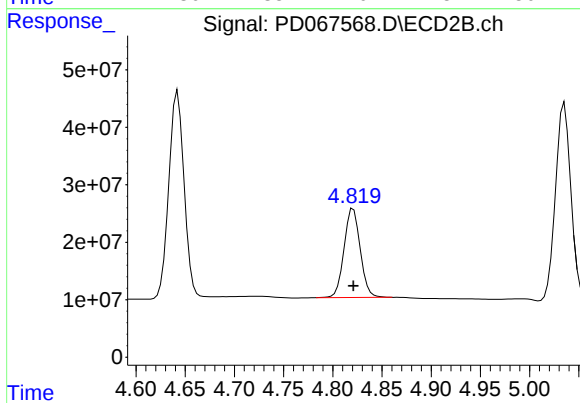
#5 Aldrin

R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 346322367
Conc: 46.71 ng/ml



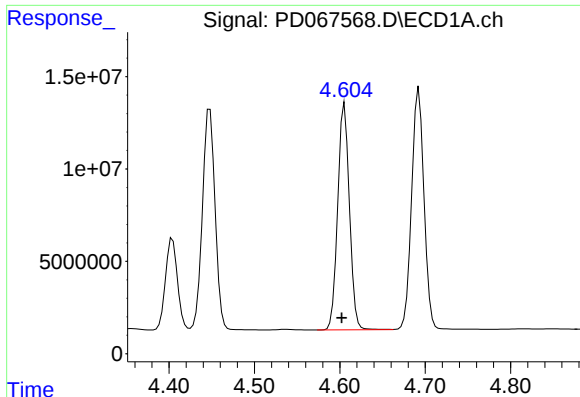
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.003 min
Response: 48114782
Conc: 43.78 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 177184734
Conc: 45.44 ng/ml m



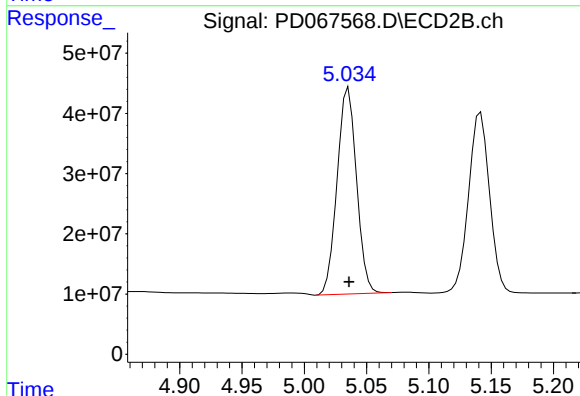
#7 delta-BHC

R.T.: 4.606 min
Delta R.T.: 0.003 min
Response: 116912331
Conc: 45.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

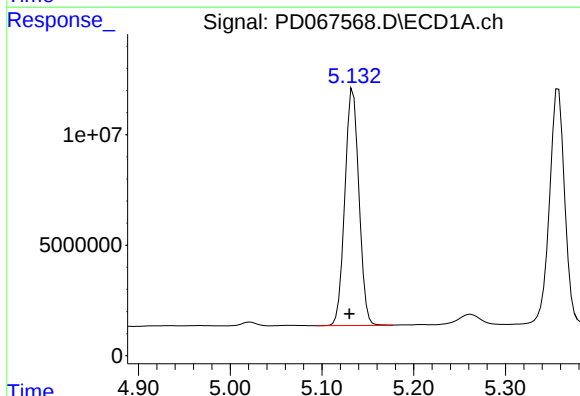
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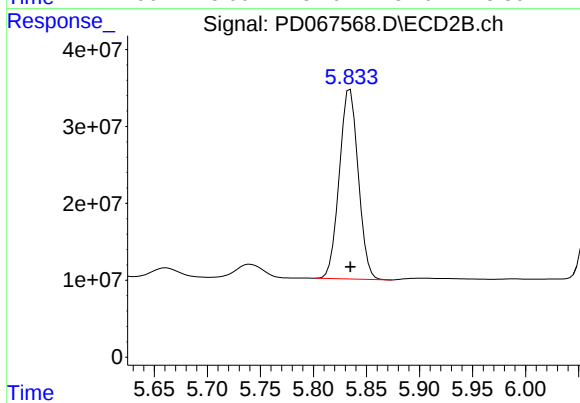
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 372432880
Conc: 49.69 ng/ml



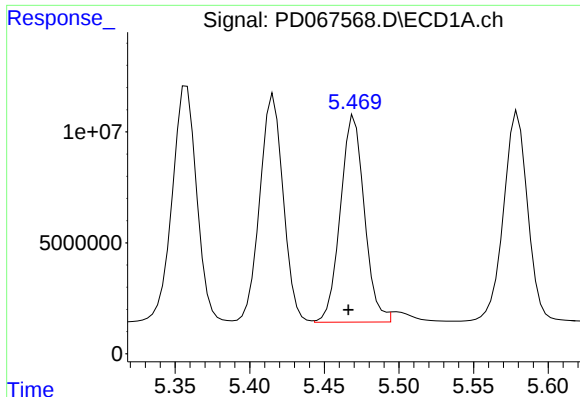
#8 Heptachlor epoxide

R.T.: 5.134 min
Delta R.T.: 0.004 min
Response: 114163941
Conc: 46.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 305933441
Conc: 57.32 ng/ml



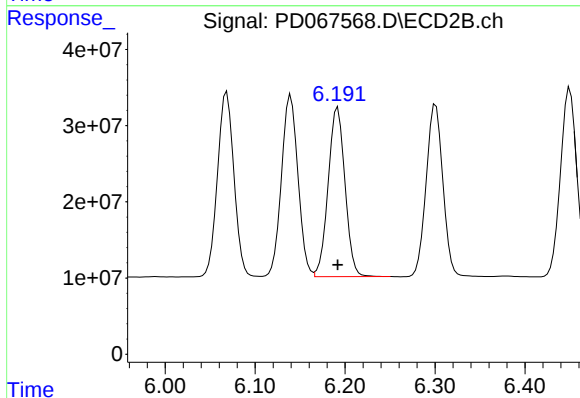
#9 Endosulfan I

R.T.: 5.470 min
Delta R.T.: 0.004 min
Response: 104398721
Conc: 46.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

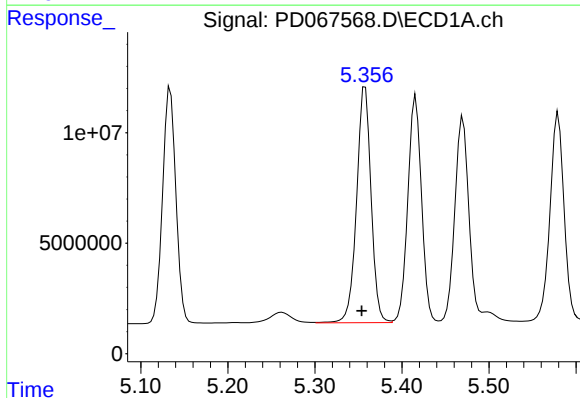
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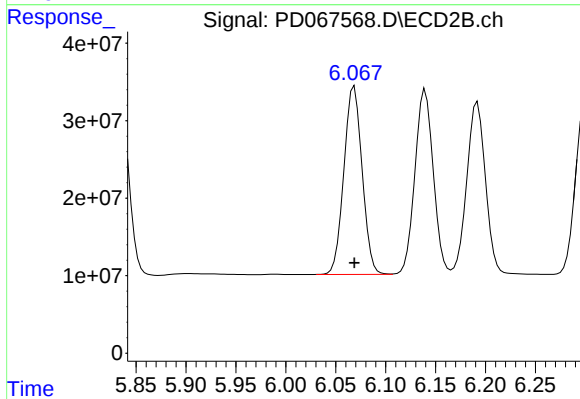
#9 Endosulfan I

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 289164558
Conc: 47.76 ng/ml



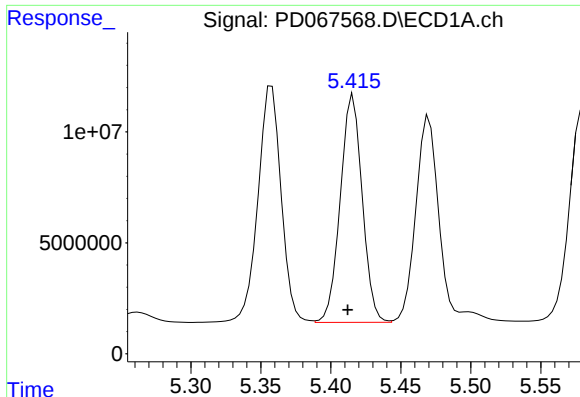
#10 gamma-Chlordane

R.T.: 5.358 min
Delta R.T.: 0.004 min
Response: 123768760
Conc: 50.06 ng/ml



#10 gamma-Chlordane

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 308623701
Conc: 47.57 ng/ml



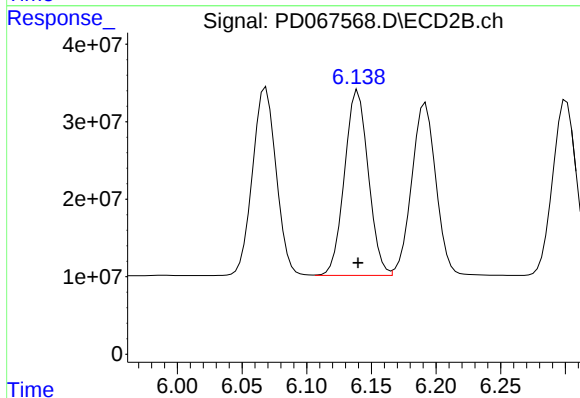
#11 alpha-Chlordane

R.T.: 5.416 min
Delta R.T.: 0.004 min
Response: 112126174
Conc: 46.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

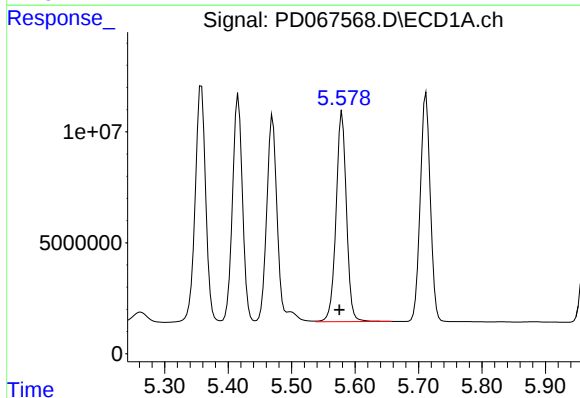
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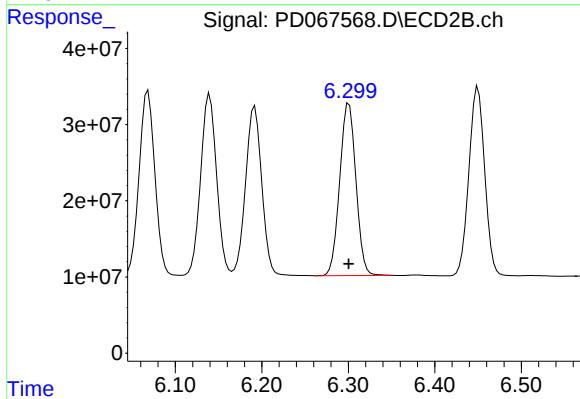
#11 alpha-Chlordane

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 305234446
Conc: 47.09 ng/ml



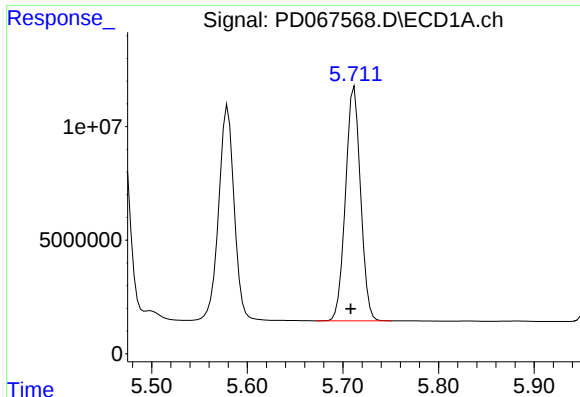
#12 4,4'-DDE

R.T.: 5.580 min
Delta R.T.: 0.004 min
Response: 108067280
Conc: 48.81 ng/ml



#12 4,4'-DDE

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 292208325
Conc: 47.44 ng/ml



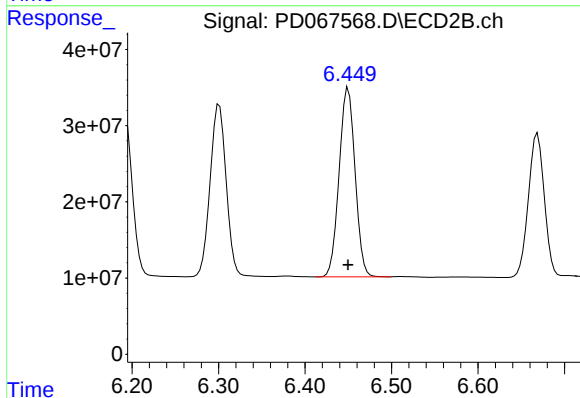
#13 Dieldrin

R.T.: 5.712 min
Delta R.T.: 0.004 min
Response: 113231093
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

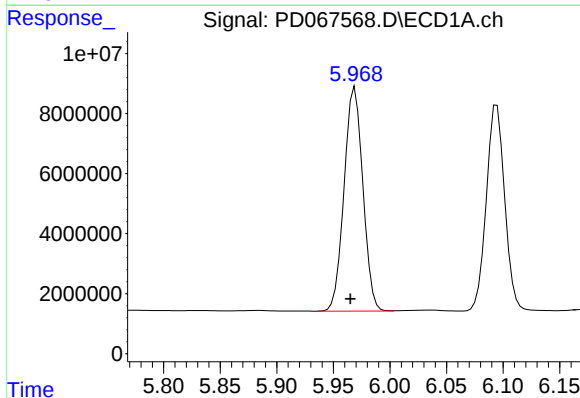
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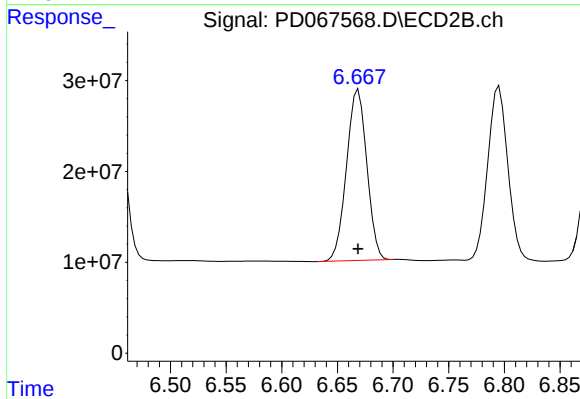
#13 Dieldrin

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 315656890
Conc: 47.52 ng/ml



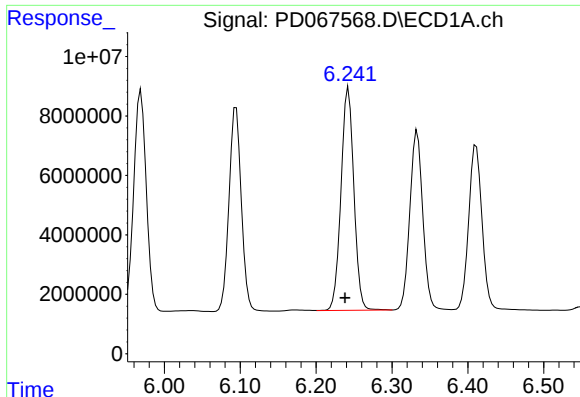
#14 Endrin

R.T.: 5.969 min
Delta R.T.: 0.004 min
Response: 86131486
Conc: 41.00 ng/ml



#14 Endrin

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 239277977
Conc: 43.16 ng/ml



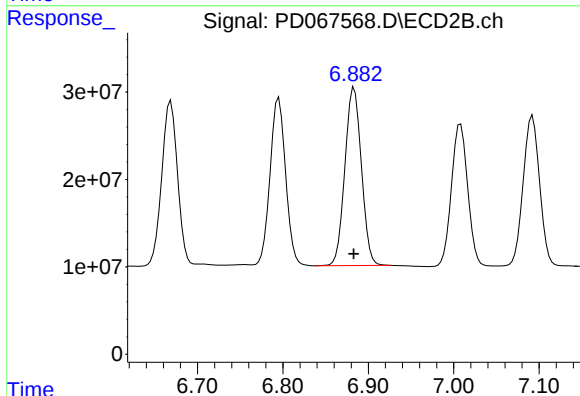
#15 Endosulfan II

R.T.: 6.243 min
Delta R.T.: 0.005 min
Response: 88347449
Conc: 44.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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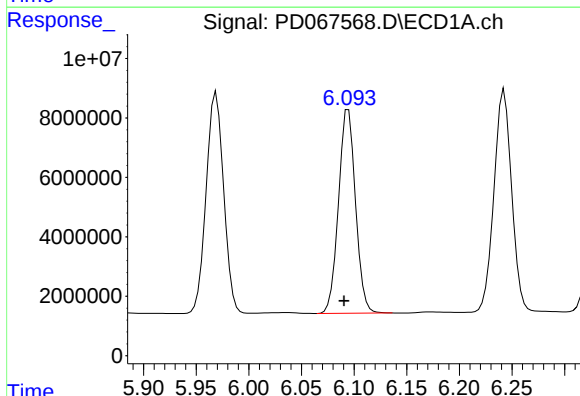
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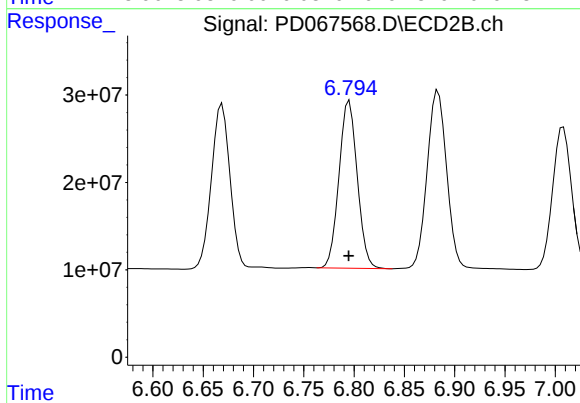
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 273833044
Conc: 46.07 ng/ml



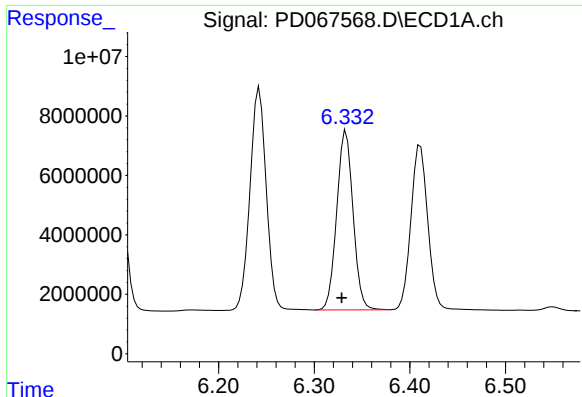
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: 0.004 min
Response: 77307808
Conc: 45.00 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 241820143
Conc: 48.31 ng/ml



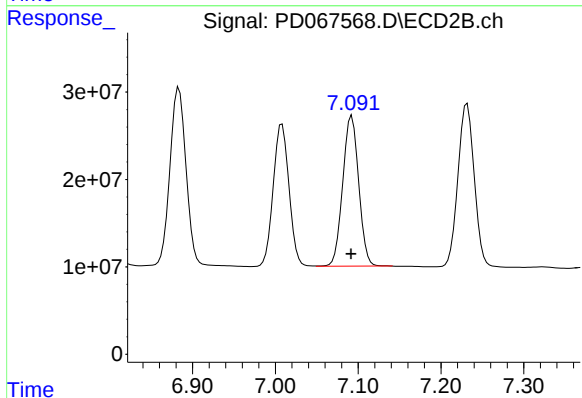
#17 4,4'-DDT

R.T.: 6.333 min
Delta R.T.: 0.005 min
Response: 71489539
Conc: 43.75 ng/ml

Instrument :
ECD_D
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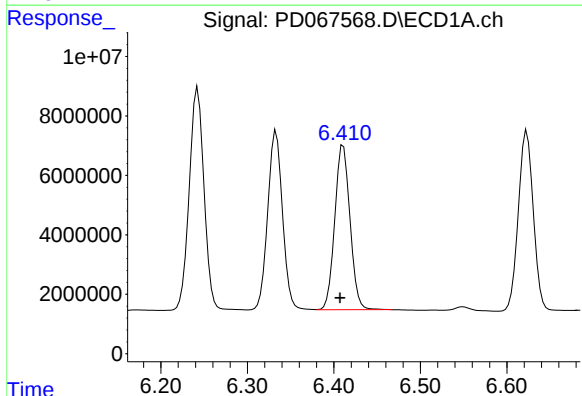
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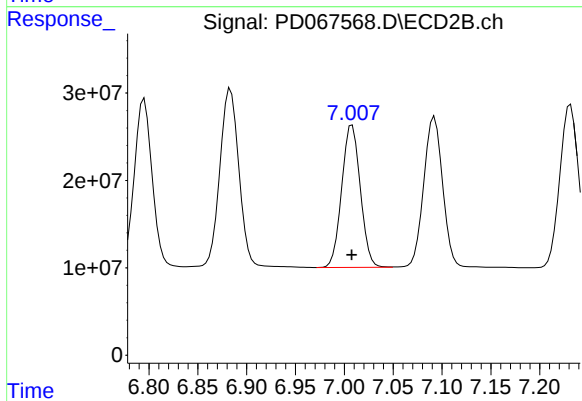
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 231067549
Conc: 43.18 ng/ml



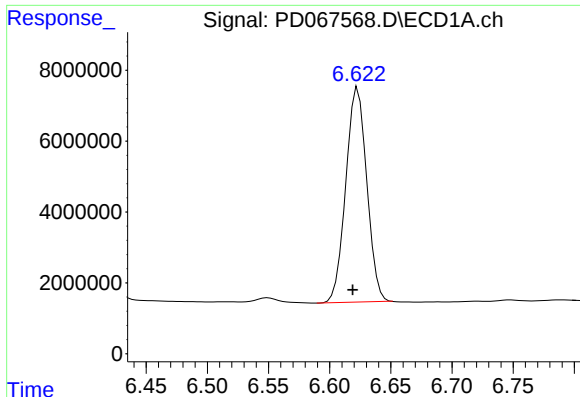
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: 0.004 min
Response: 67503526
Conc: 44.42 ng/ml



#18 Endrin aldehyde

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 216192262
Conc: 47.92 ng/ml



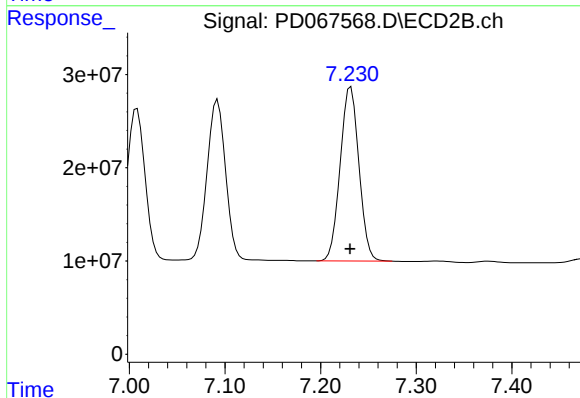
#19 Endosulfan Sulfate

R.T.: 6.623 min
Delta R.T.: 0.004 min
Response: 72272594
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

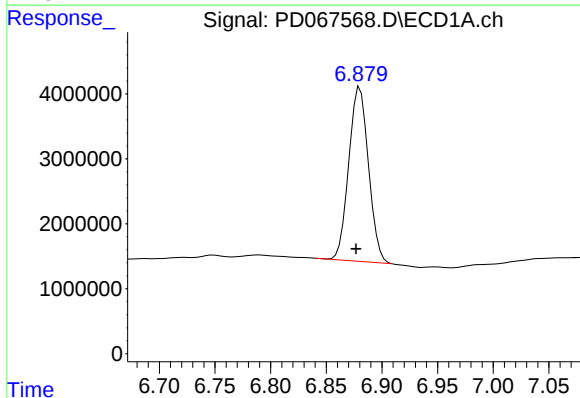
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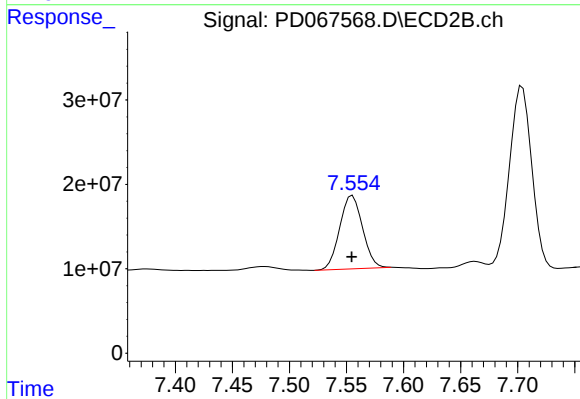
#19 Endosulfan Sulfate

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 255354085
Conc: 46.72 ng/ml m



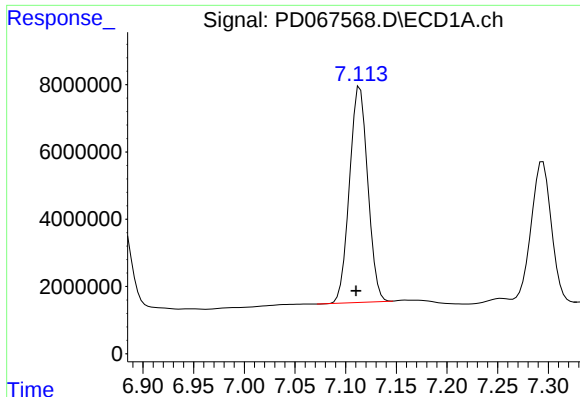
#20 Methoxychlor

R.T.: 6.880 min
Delta R.T.: 0.004 min
Response: 33033553
Conc: 38.91 ng/ml



#20 Methoxychlor

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 121173192
Conc: 41.76 ng/ml m



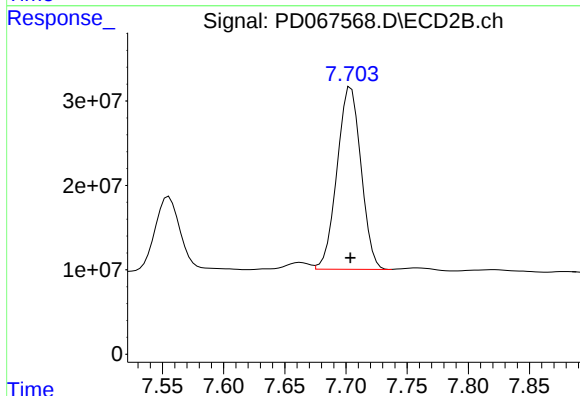
#21 Endrin ketone

R.T.: 7.114 min
Delta R.T.: 0.004 min
Response: 80422119
Conc: 46.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141792BS

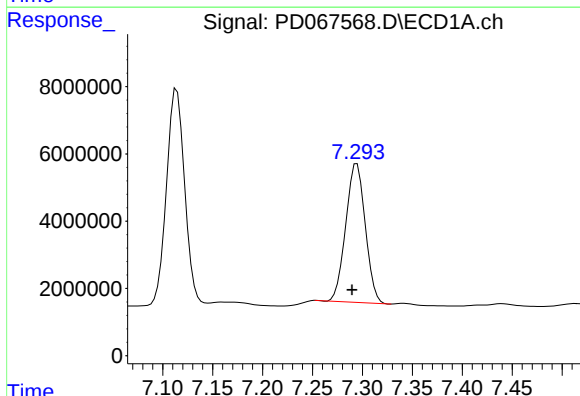
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/04/2022
Supervised By :mohammad ahmed 01/05/2022



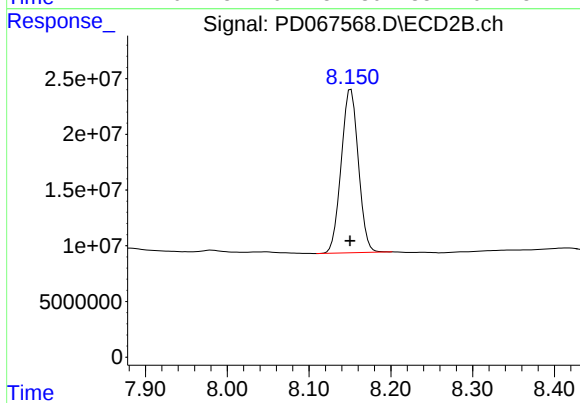
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 294839533
Conc: 46.98 ng/ml



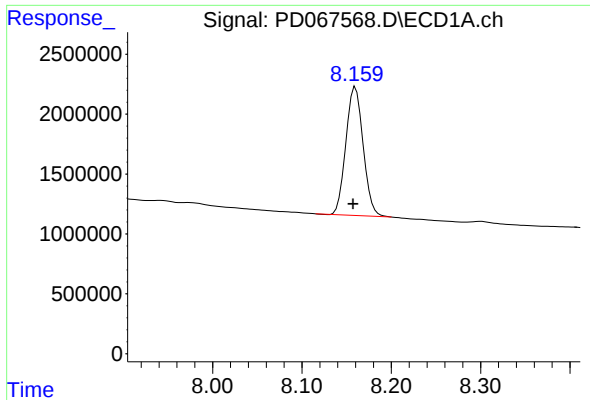
#22 Mirex

R.T.: 7.295 min
Delta R.T.: 0.005 min
Response: 56130774
Conc: 46.93 ng/ml



#22 Mirex

R.T.: 8.151 min
Delta R.T.: 0.001 min
Response: 212818993
Conc: 49.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: 14401100
Conc: 16.21 ng/ml

Instrument :

ECD_D

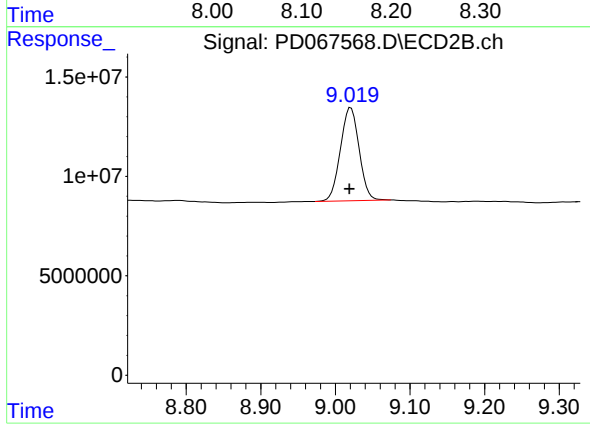
ClientSampleId :

PB141792BS

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#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.002 min
Response: 81608504
Conc: 17.17 ng/ml