Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052922\
Data File : PD069898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2022 11:37
Operator : AR\AJ
Sample : RESC026
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC028

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/31/2022
Supervised By :Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 31 05:55:59 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052922CLP.M
Quant Title : GC Extractables
QLast Update : Mon May 30 09:45:07 2022
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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.440	4.170	18974749	184.8E6	18.511m	18.850
27)	SA Decachlor...	8.194	9.366	40097682	231.2E6	38.114m	38.254
	Target Compounds						
2)	A alpha-BHC	3.879	4.566	12895281	145.5E6	8.878m	10.424
3)	MA gamma-BHC...	4.164	4.857	12759148	127.8E6	8.978	9.670
4)	MA Heptachlor	4.459	5.383	12498610	126.4E6	9.215m	9.695
5)	MB Aldrin	4.708	5.696	12788837	129.3E6	9.377	9.998
6)	B beta-BHC	4.415	5.020	6483045	58795405	9.813	9.837
7)	B delta-BHC	4.618	5.246	12813914	103.6E6	9.099	8.745
8)	B Heptachlo...	5.152	6.084	11983454	98357742	9.563	9.347
9)	A Endosulfan I	5.490	6.445	10805901	99644592	9.367	9.828m
10)	B trans-Chl...	5.378	6.321	12101761	111.4E6	9.546	9.880
11)	B cis-Chlor...	5.437	6.394	11871114	108.7E6	9.467	9.969m
12)	B 4,4'-DDE	5.602	6.546	20827869	192.6E6	18.206	19.731
13)	MA Dieldrin	5.734	6.705	22393024	202.3E6	18.137	19.630
14)	MA Endrin	5.992	6.926	20000912	159.9E6	18.322	19.855
15)	B Endosulfa...	6.266	7.131	21416319	173.0E6	19.142	20.042
16)	A 4,4'-DDD	6.118	7.037	17892450	154.2E6	18.485m	19.595
17)	MA 4,4'-DDT	6.358	7.340	16477462	145.6E6	17.617m	19.406
18)	B Endrin al...	6.436	7.255	16979635	134.4E6	19.573	20.555
19)	B Endosulfa...	6.649	7.481	21031550	162.3E6	19.216	20.334
20)	A Methoxychlor	6.910	7.794	49161121	341.6E6	92.667	98.290
21)	B Endrin ke...	7.143	7.955	24651634	173.0E6	20.034	20.772

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

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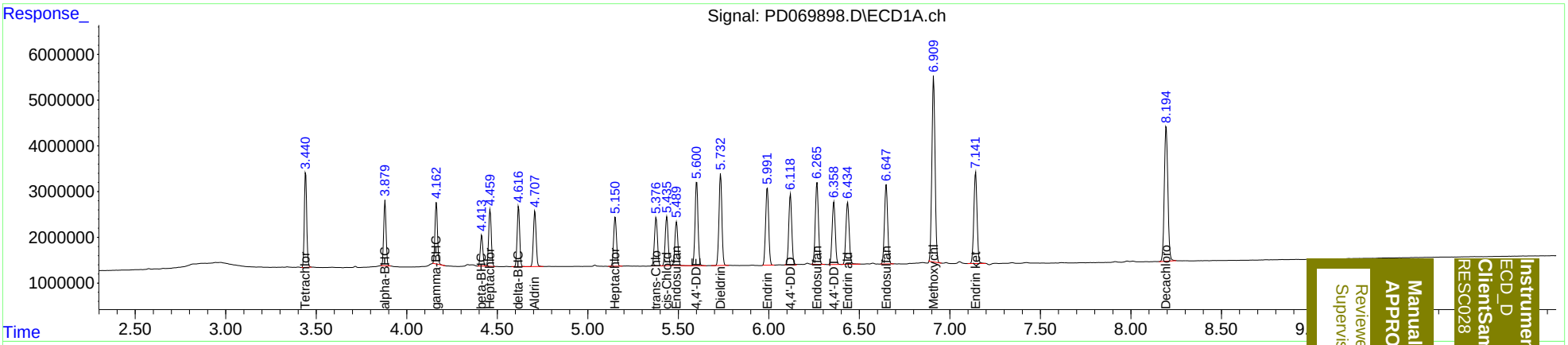

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 05/31/2022
Supervised By :Ankita Jodhani 05/31/2022

Instrument :
ECD_D
ClientSampleId :
RESC028

Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052922\
Data File : PD069898.D
Acq On : 28 May 2022 11:37
Operator : AR\AJ
Sample : RESC026
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC028

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/31/2022
Supervised By :Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052922CLP.M
Title : GC Extractables
Last Update : Mon May 30 09:45:07 2022
Integrator: ChemStation

RT#1	RT#2	Resolution
3.442	3.880	100.00%
3.880	4.164	100.00%
4.164	4.415	100.00%
4.415	4.461	100.00%
4.461	4.618	100.00%
4.618	4.708	100.00%
4.708	5.152	100.00%
5.152	5.378	100.00%
5.378	5.437	100.00%
5.437	5.490	100.00%
5.490	5.602	100.00%
5.602	5.734	100.00%
5.734	5.992	100.00%
5.992	6.120	100.00%
6.120	6.266	100.00%
6.266	6.359	100.00%
6.359	6.436	100.00%
6.436	6.649	100.00%
6.649	6.910	100.00%
6.910	7.143	100.00%
7.143	8.195	100.00%

Signal #2

4.170	4.566	100.00%
4.566	4.857	100.00%
4.857	5.020	100.00%
5.020	5.246	100.00%
5.246	5.383	100.00%
5.383	5.696	100.00%
5.696	6.084	100.00%
6.084	6.321	100.00%
6.321	6.396	99.79%
6.396	6.447	98.02%
6.447	6.546	100.00%
6.546	6.705	100.00%
6.705	6.926	100.00%
6.926	7.037	100.00%
7.037	7.131	100.00%
7.131	7.255	98.02%
7.255	7.340	98.57%
7.340	7.481	100.00%
7.481	7.794	100.00%
7.794	7.955	100.00%
7.955	9.366	100.00%

Quantitation Report (Qedit)

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ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/31/2022
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Volume Inj. : 1 µl
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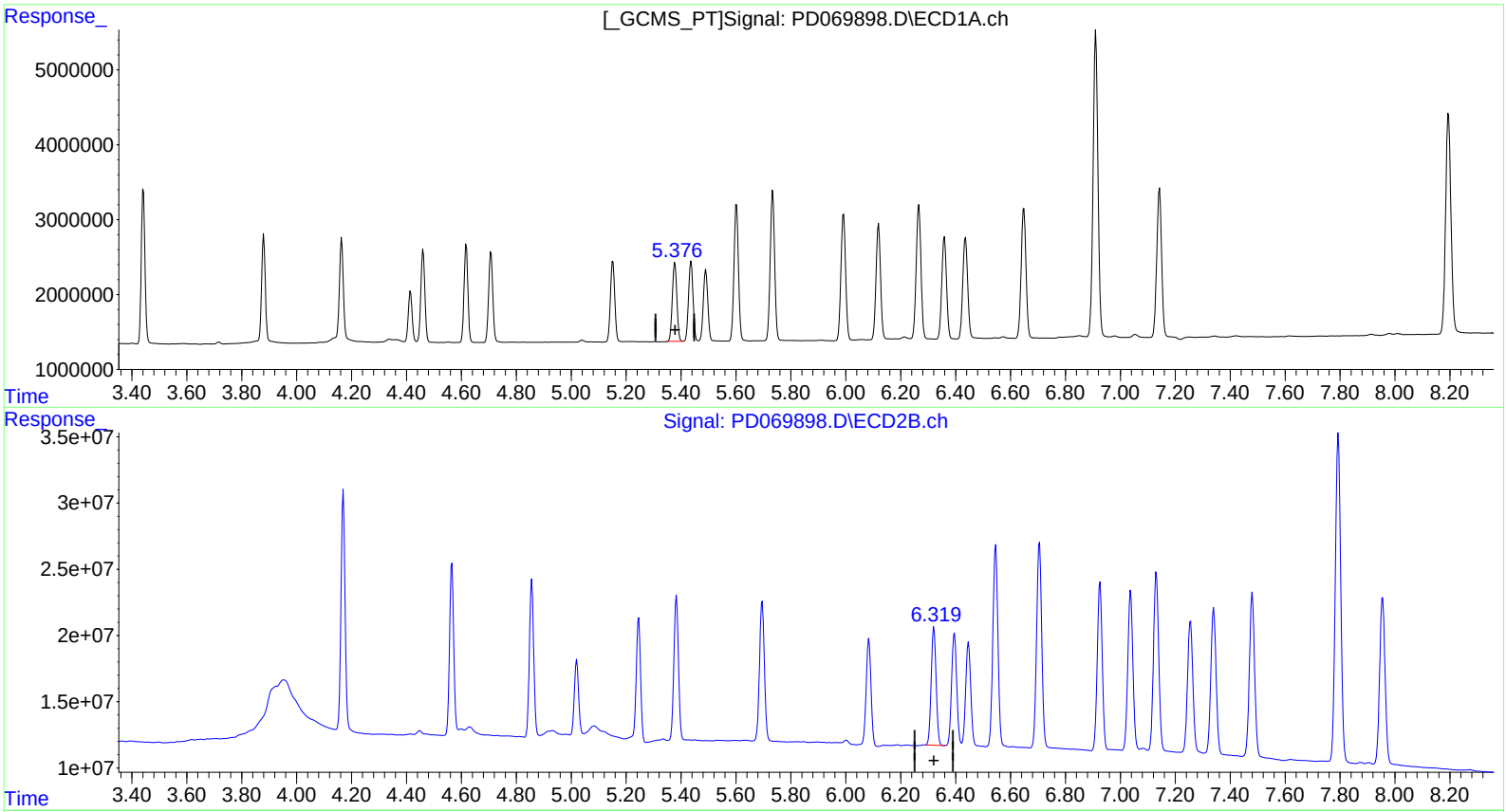

QEdit

(10) trans-Chlordane (B)

5.378min 9.546 ng/ml

response 12101761

(10) trans-Chlordane #2 (B)

6.321min 9.880 ng/ml

response 111396515

(+) = Expected Retention Time

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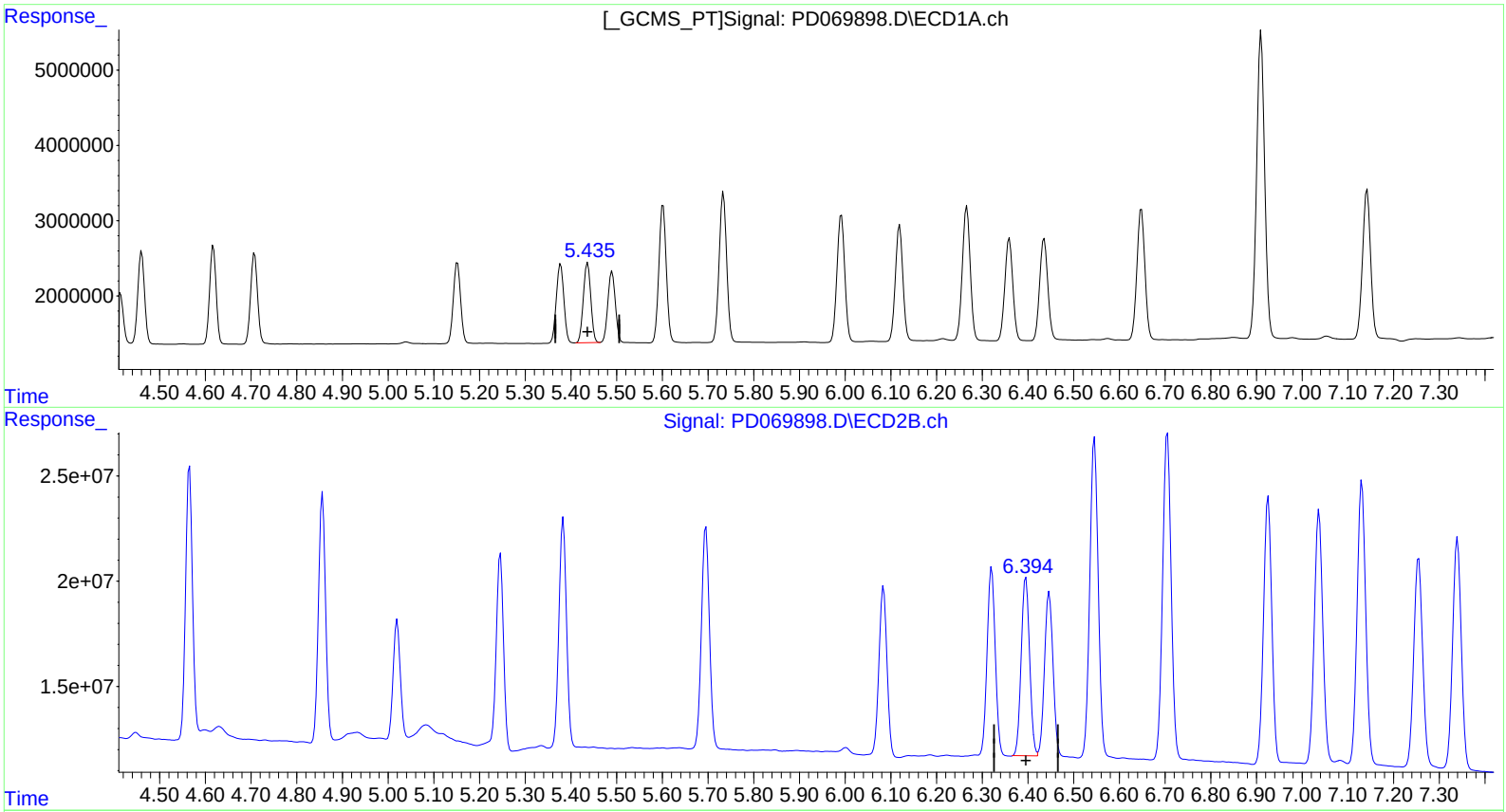

QEdit

(11) cis-Chlordane (B)

5.437min 9.467 ng/ml

response 11871114

(11) cis-Chlordane #2 (B)

6.394min 9.969 ng/ml m

response 108666852

(+) = Expected Retention Time

Quantitation Report (Qedit)

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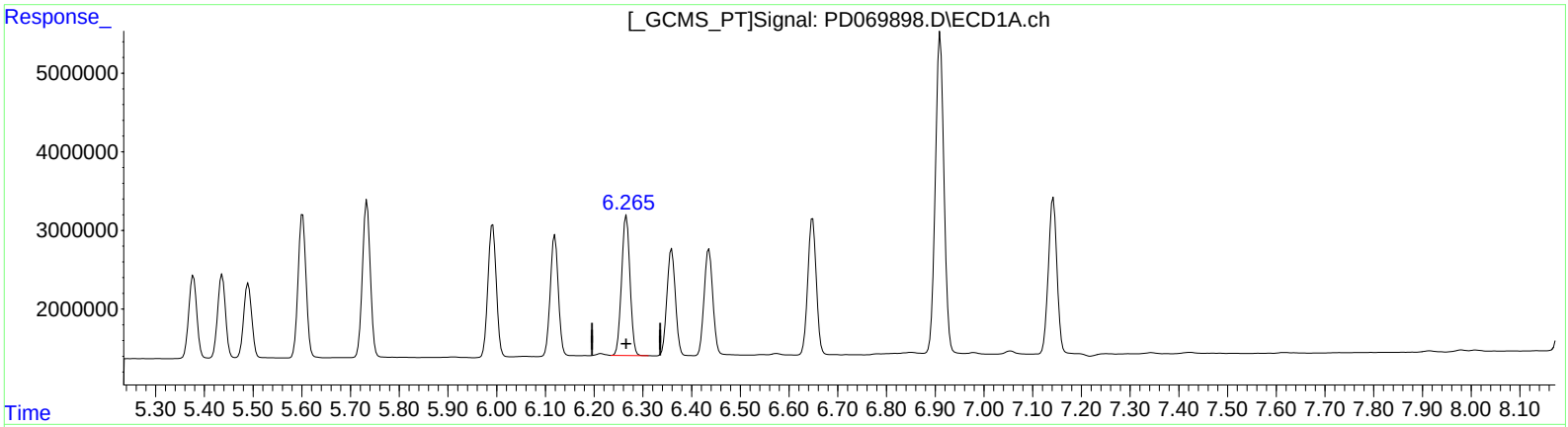

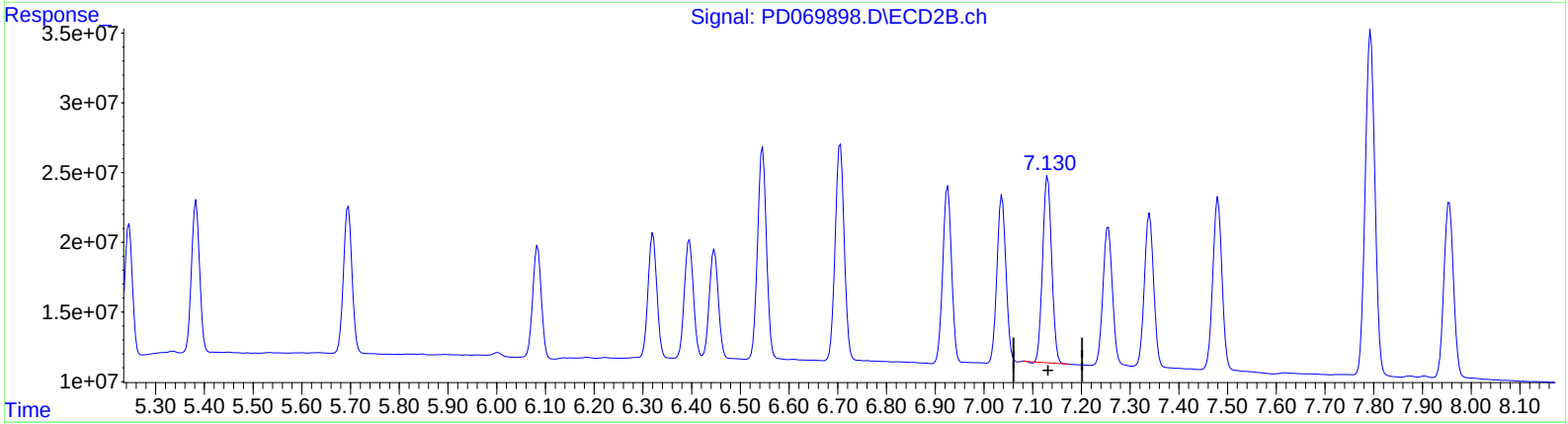

QEdit

(15) Endosulfan II (B)

6.266min 19.142 ng/ml

response 21416319

(15) Endosulfan II #2 (B)

7.131min 20.042 ng/ml

response 173016064

(+) = Expected Retention Time

Quantitation Report (Qedit)

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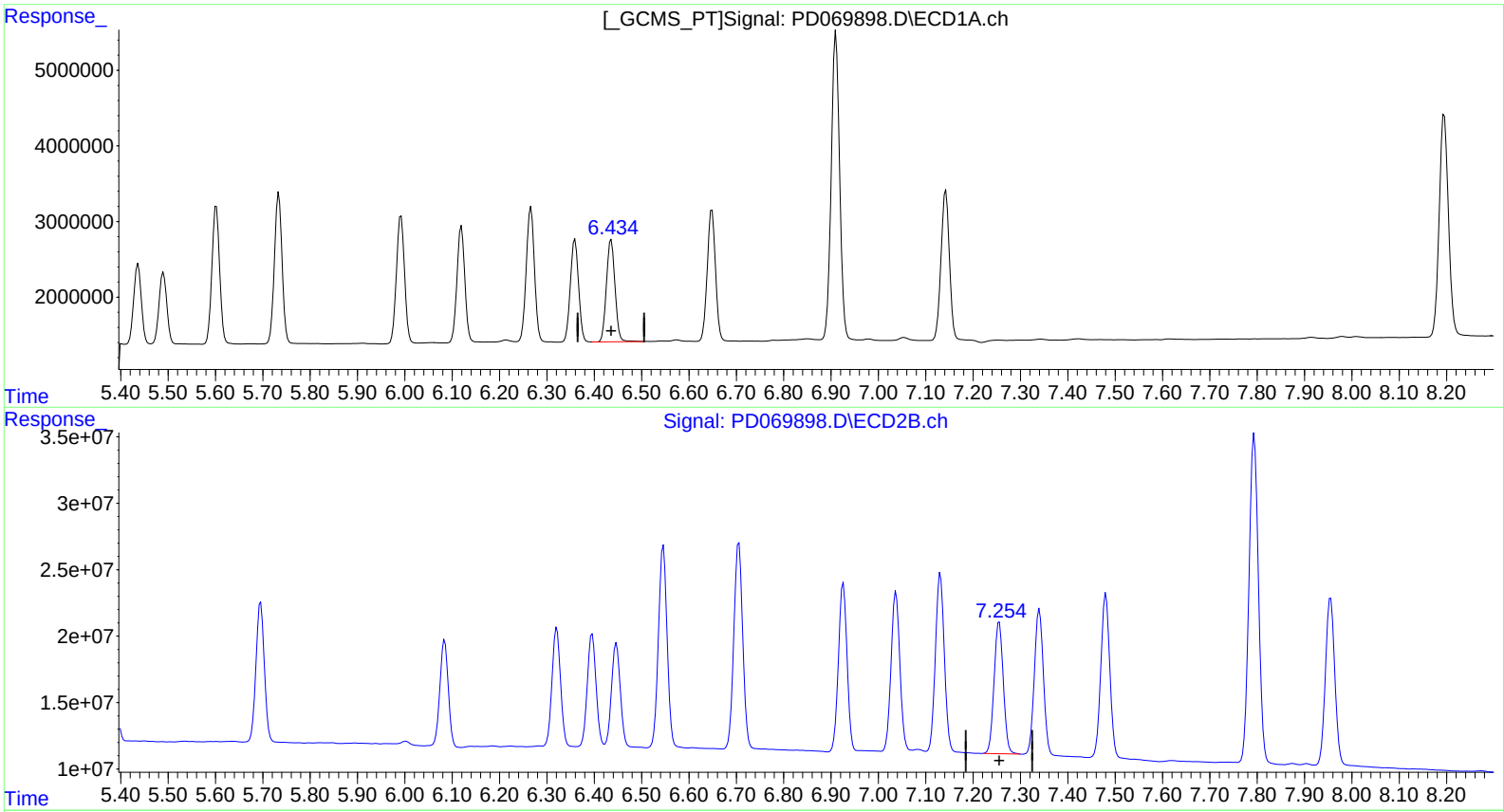

QEdit

(18) Endrin aldehyde (B)

6.436min 19.573 ng/ml

response 16979635

(18) Endrin aldehyde #2 (B)

7.255min 20.555 ng/ml

response 134378194

(+) = Expected Retention Time