Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
Data File : FE056283.D
Signal(s) : FID1B.ch
Acq On : 09 Oct 2025 20:55
Operator : YP\AJ
Sample : PB170039BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170039BSD

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File: autoint1.e
Quant Time: Oct 10 01:53:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 12:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.063	5892694	31.402 ug/ml
Spiked Amount 50.000		Recovery =	62.80%
12) S 1-chlorooctadecane (S...	13.498	4650147	33.319 ug/ml
Spiked Amount 50.000		Recovery =	66.64%
Target Compounds			
1) T n-Nonane (C9)	3.412	4270879	31.176 ug/ml
2) T n-Decane (C10)	4.667	4702781	33.696 ug/ml
3) T A~Naphthalene (C11.7)	6.383	6333420	39.667 ug/ml
4) T n-Dodecane (C12)	6.839	5306651	36.973 ug/ml
5) T A~2-methylnaphthalene...	7.483	6172193	39.688 ug/ml
6) T n-Tetradecane (C14)	8.675	5841391	39.510 ug/ml
7) T n-Hexadecane (C16)	10.288	6408792	40.330 ug/ml
8) T n-Octadecane (C18)	11.737	6776773	40.009 ug/ml
10) T n-Eicosane (C20)	13.052	7068765	42.643 ug/ml
11) T n-Heneicosane (C21)	13.665	6753332	41.561 ug/ml
13) T n-Docosane (C22)	14.253	6568012	41.104 ug/ml
14) T n-Tetracosane (C24)	15.359	12725365	83.510 ug/ml
15) T n-Hexacosane (C26)	16.383	5769377	40.450 ug/ml
16) T n-Octacosane (C28)	17.334	5876699	42.186 ug/mlm
17) T n-Tricontane (C30)	18.225	5772355	38.955 ug/ml
18) T n-Dotriacontane (C32)	19.058	5967064	39.994 ug/ml
19) T n-Tetratriacontane (C34)	19.843	6193007	43.782 ug/ml
20) T n-Hexatriacontane (C36)	20.584	6255313	48.728 ug/ml
21) T n-Octatriacontane (C38)	21.356	6408063	48.789 ug/ml
22) T n-Tetracontane (C40)	22.334	6221215	52.293 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
Data File : FE056283.D
Signal(s) : FID1B.ch
Acq On : 09 Oct 2025 20:55
Operator : YP\AJ
Sample : PB170039BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 10 01:53:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 12:55:37 2025
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
PB170039BSD

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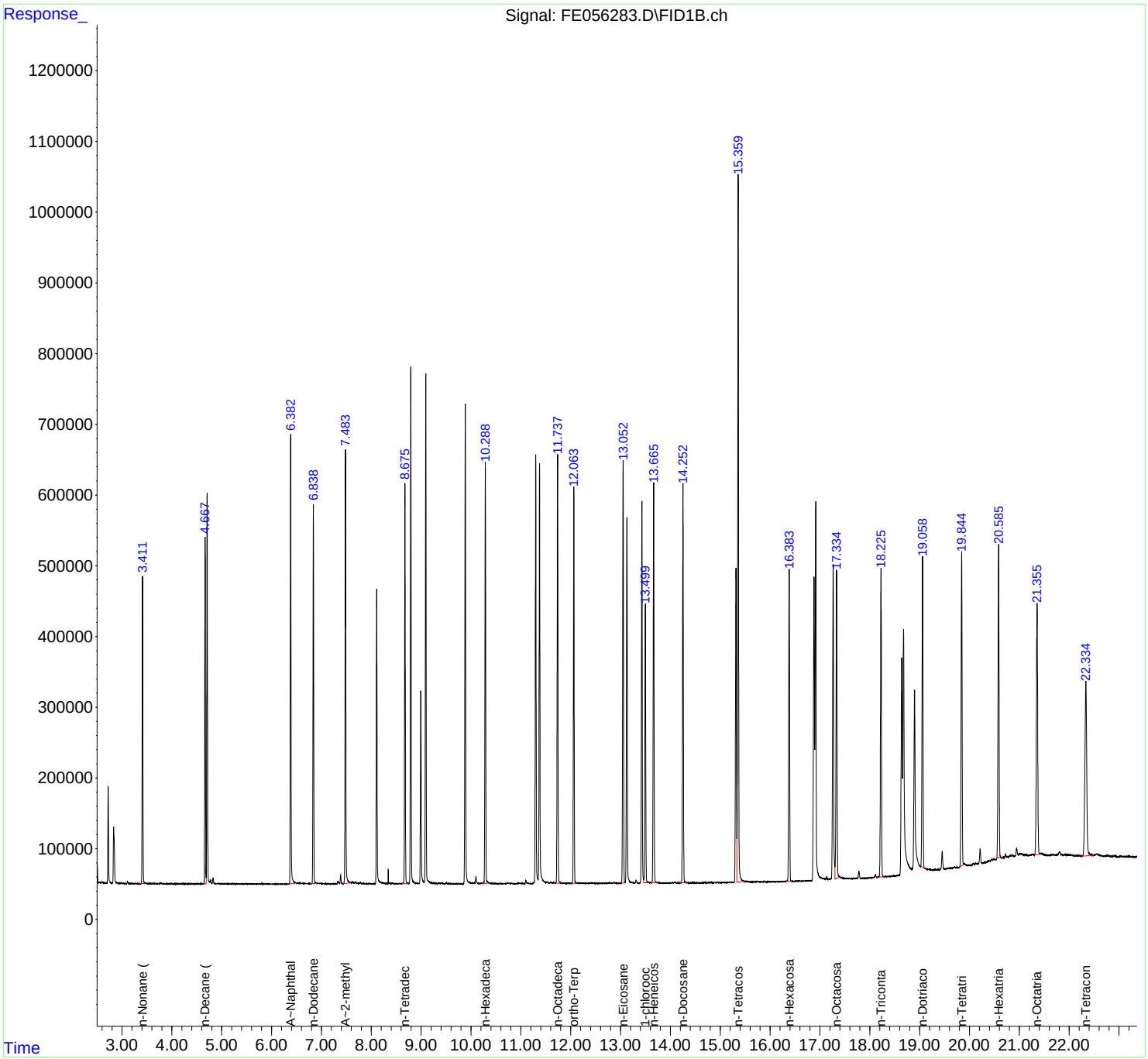

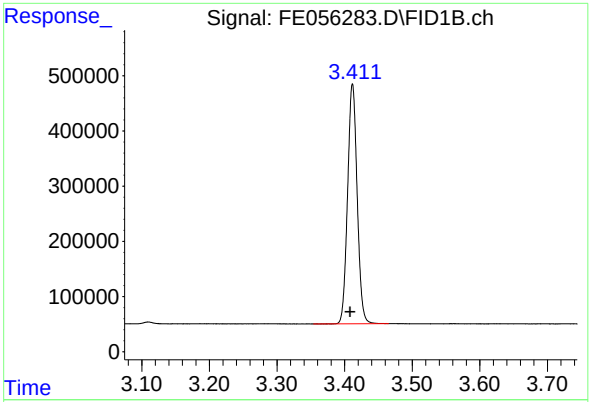

#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: 0.004 min
Response: 4270879
Conc: 31.18 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170039BSD

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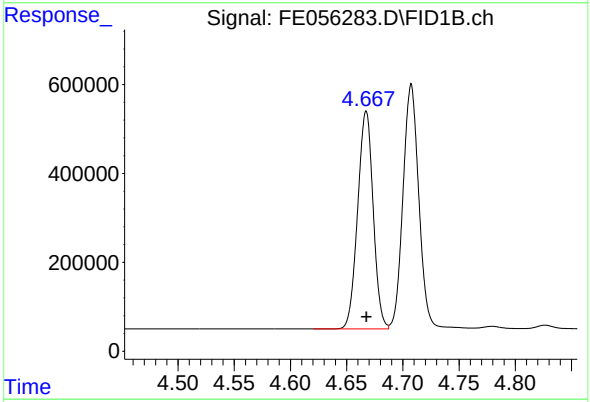
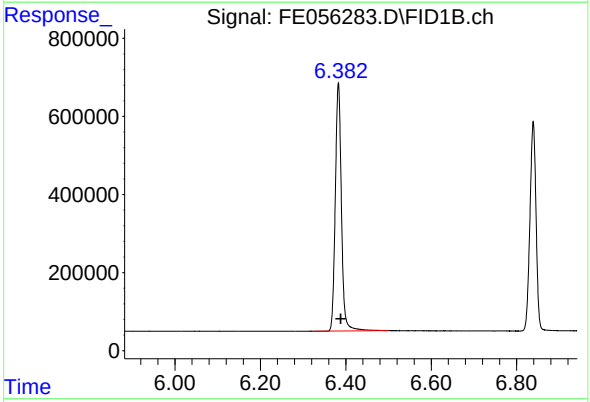


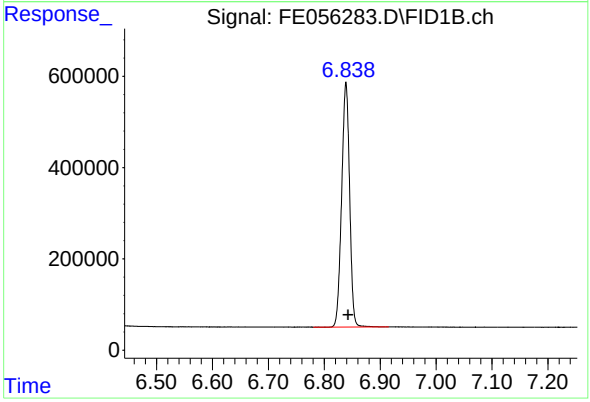
#2 n-Decane (C10)

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 4702781
Conc: 33.70 ug/ml



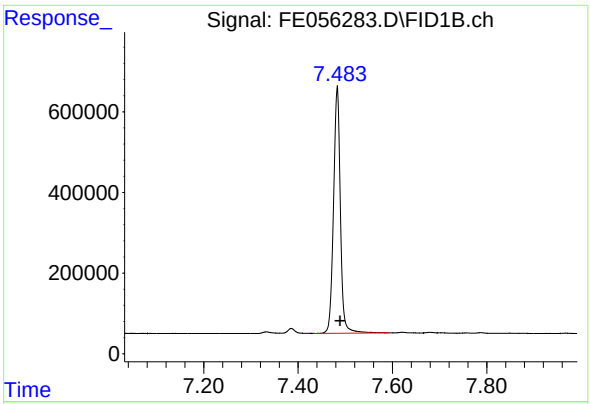
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 6333420
Conc: 39.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 5306651
Conc: 36.97 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 6172193
Conc: 39.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170039BSD

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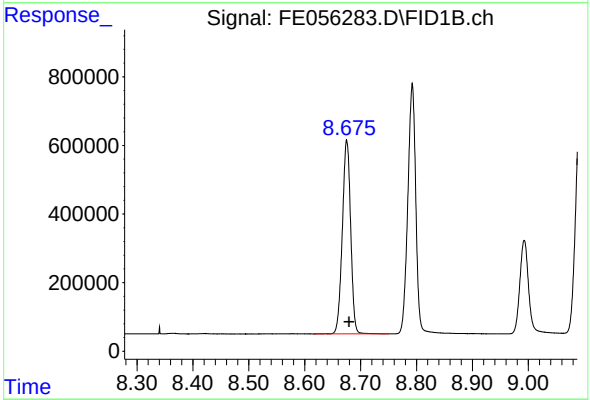
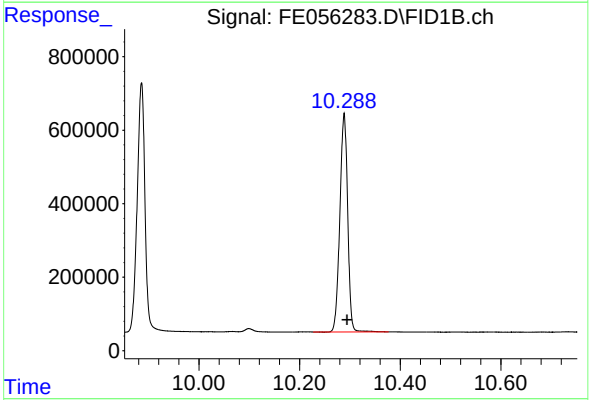


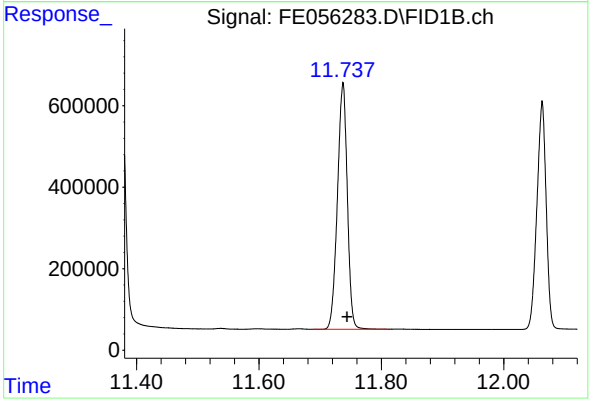
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 5841391
Conc: 39.51 ug/ml



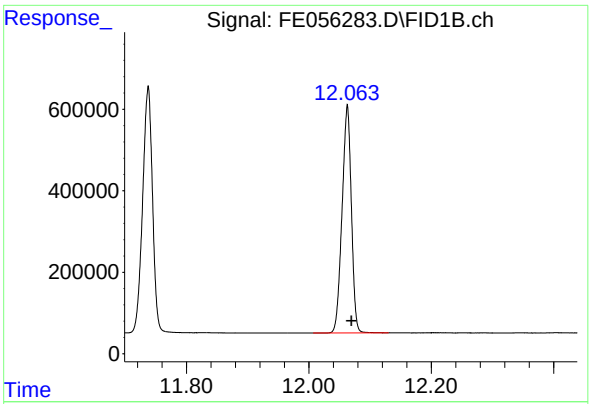
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 6408792
Conc: 40.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.737 min
Delta R.T.: -0.007 min
Response: 6776773
Conc: 40.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.063 min
Delta R.T.: -0.007 min
Response: 5892694
Conc: 31.40 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170039BSD

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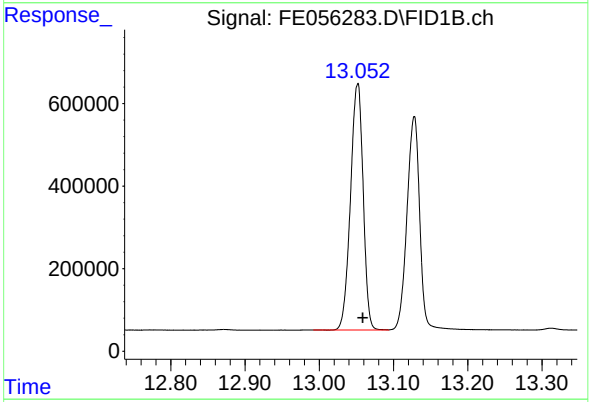
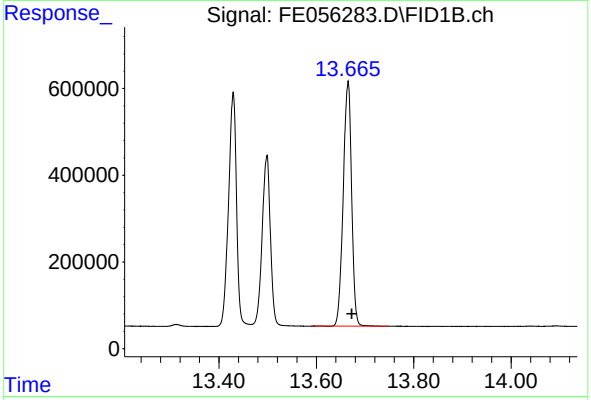


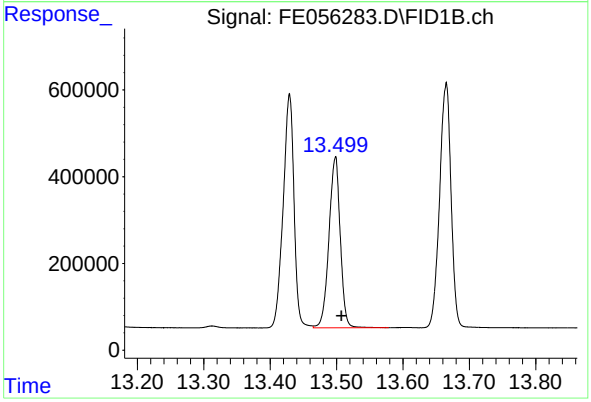
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: -0.007 min
Response: 7068765
Conc: 42.64 ug/ml



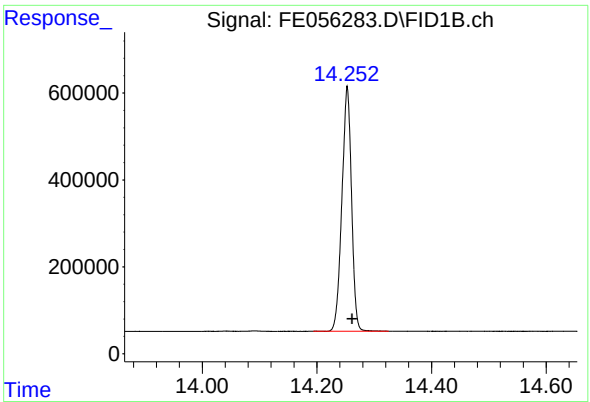
#11 n-Heneicosane (C21)

R.T.: 13.665 min
Delta R.T.: -0.008 min
Response: 6753332
Conc: 41.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 4650147
Conc: 33.32 ug/ml



#13 n-Docosane (C22)

R.T.: 14.253 min
Delta R.T.: -0.009 min
Response: 6568012
Conc: 41.10 ug/ml

Instrument :
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PB170039BSD

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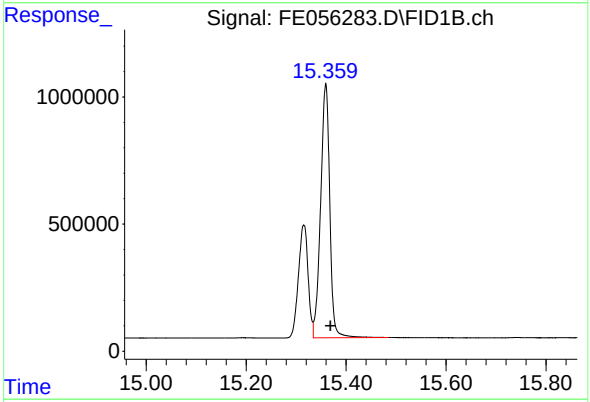
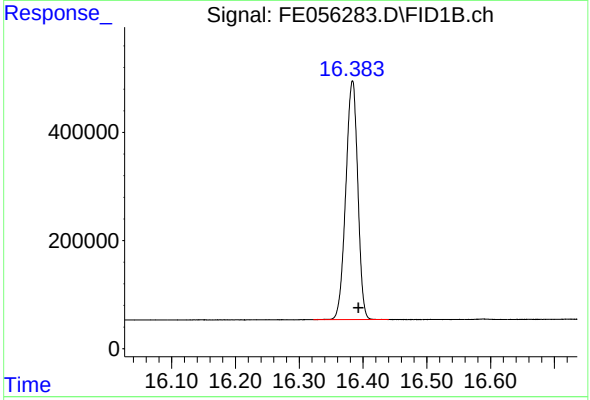


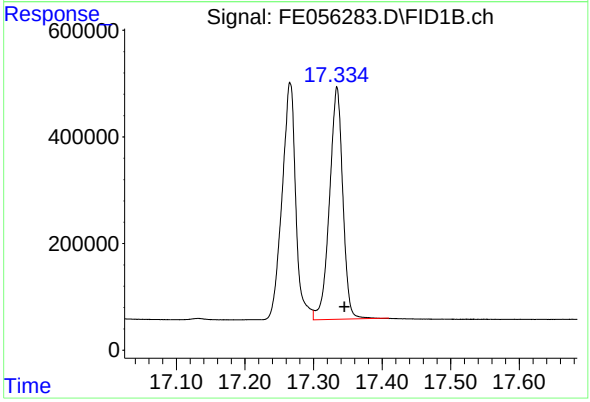
#14 n-Tetracosane (C24)

R.T.: 15.359 min
Delta R.T.: -0.009 min
Response: 12725365
Conc: 83.51 ug/ml



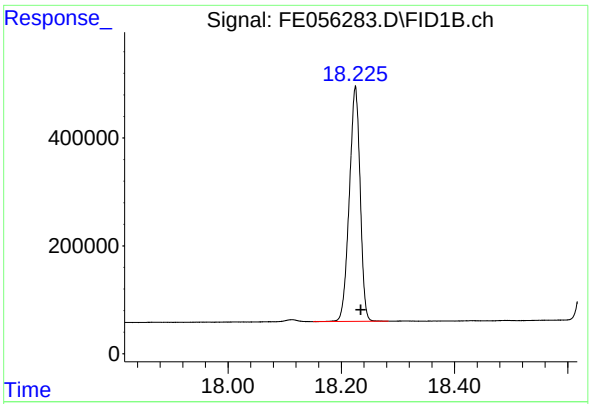
#15 n-Hexacosane (C26)

R.T.: 16.383 min
Delta R.T.: -0.009 min
Response: 5769377
Conc: 40.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.334 min
Delta R.T.: -0.011 min
Response: 5876699
Conc: 42.19 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.225 min
Delta R.T.: -0.010 min
Response: 5772355
Conc: 38.95 ug/ml

Instrument :
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ClientSampleId :
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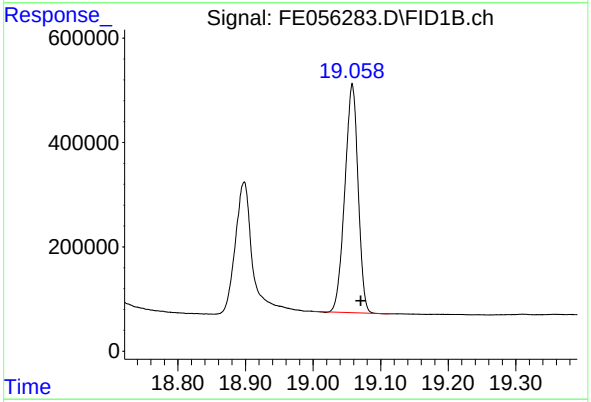
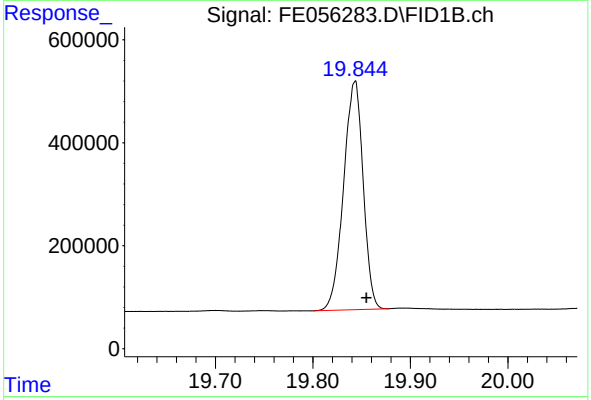


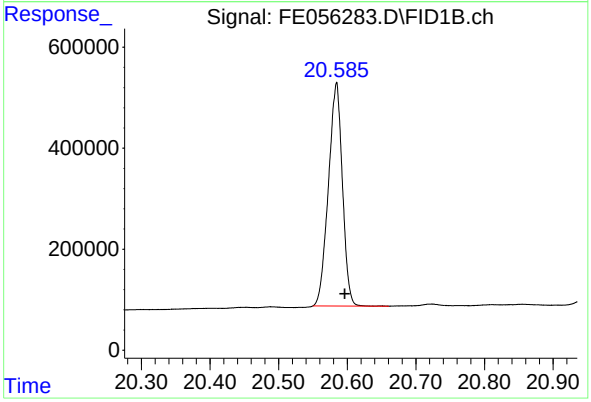
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.012 min
Response: 5967064
Conc: 39.99 ug/ml



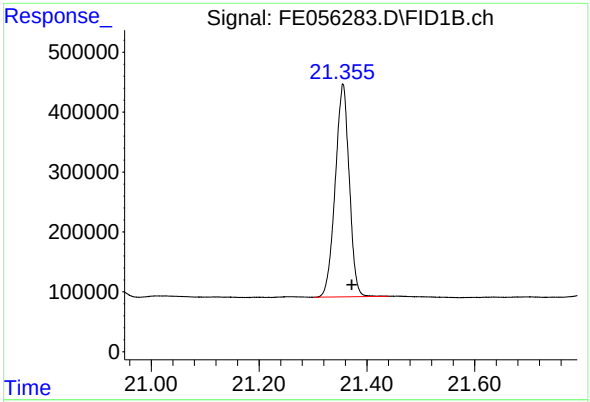
#19 n-Tetratriacontane (C34)

R.T.: 19.843 min
Delta R.T.: -0.012 min
Response: 6193007
Conc: 43.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.584 min
Delta R.T.: -0.012 min
Response: 6255313
Conc: 48.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.356 min
Delta R.T.: -0.016 min
Response: 6408063
Conc: 48.79 ug/ml

Instrument :
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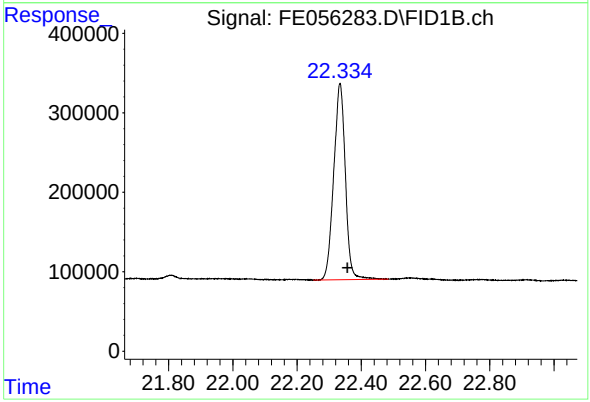

#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.023 min
Response: 6221215
Conc: 52.29 ug/ml