

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081925AL\
 Data File : FE055390.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2025 18:33
 Operator : YP\AJ
 Sample : Q2897-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File: sample.E
 Quant Time: Aug 20 01:22:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 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)	12.086	4316541	30.227 ug/ml
Spiked Amount 50.000		Recovery =	60.45%
12) S 1-chlorooctadecane (S...	13.522	3577554	33.272 ug/ml
Spiked Amount 50.000		Recovery =	66.54%
Target Compounds			
1) T n-Nonane (C9)	3.421	2924746	25.484 ug/ml
2) T n-Decane (C10)	4.679	3372442	28.949 ug/ml
3) T A~Naphthalene (C11.7)	6.399	4497427	33.505 ug/ml
4) T n-Dodecane (C12)	6.855	4008141	33.659 ug/ml
5) T A~2-methylnaphthalene...	7.501	4452255	34.147 ug/ml
6) T n-Tetradecane (C14)	8.694	4521672	36.878 ug/mlm
7) T n-Hexadecane (C16)	10.309	4941749	38.654 ug/mlm
8) T n-Octadecane (C18)	11.759	4770817	36.565 ug/mlm
10) T n-Eicosane (C20)	13.075	4993196	39.795 ug/ml
11) T n-Heneicosane (C21)	13.689	4732474	38.392 ug/ml
13) T n-Docosane (C22)	14.278	4721878	38.666 ug/ml
14) T n-Tetracosane (C24)	15.386	9459617	77.771 ug/ml
15) T n-Hexacosane (C26)	16.410	4408408	36.846 ug/mlm
16) T n-Octacosane (C28)	17.364	4604167	38.813 ug/mlm
17) T n-Tricontane (C30)	18.258	4906737	39.876 ug/mlm
18) T n-Dotriacontane (C32)	19.091	4838837	39.659 ug/mlm
19) T n-Tetratriacontane (C34)	19.878	4959723	42.420 ug/mlm
20) T n-Hexatriacontane (C36)	20.622	5021884	45.946 ug/mlm
21) T n-Octatriacontane (C38)	21.409	5321862	49.244 ug/mlm
22) T n-Tetracontane (C40)	22.407	5544419	53.019 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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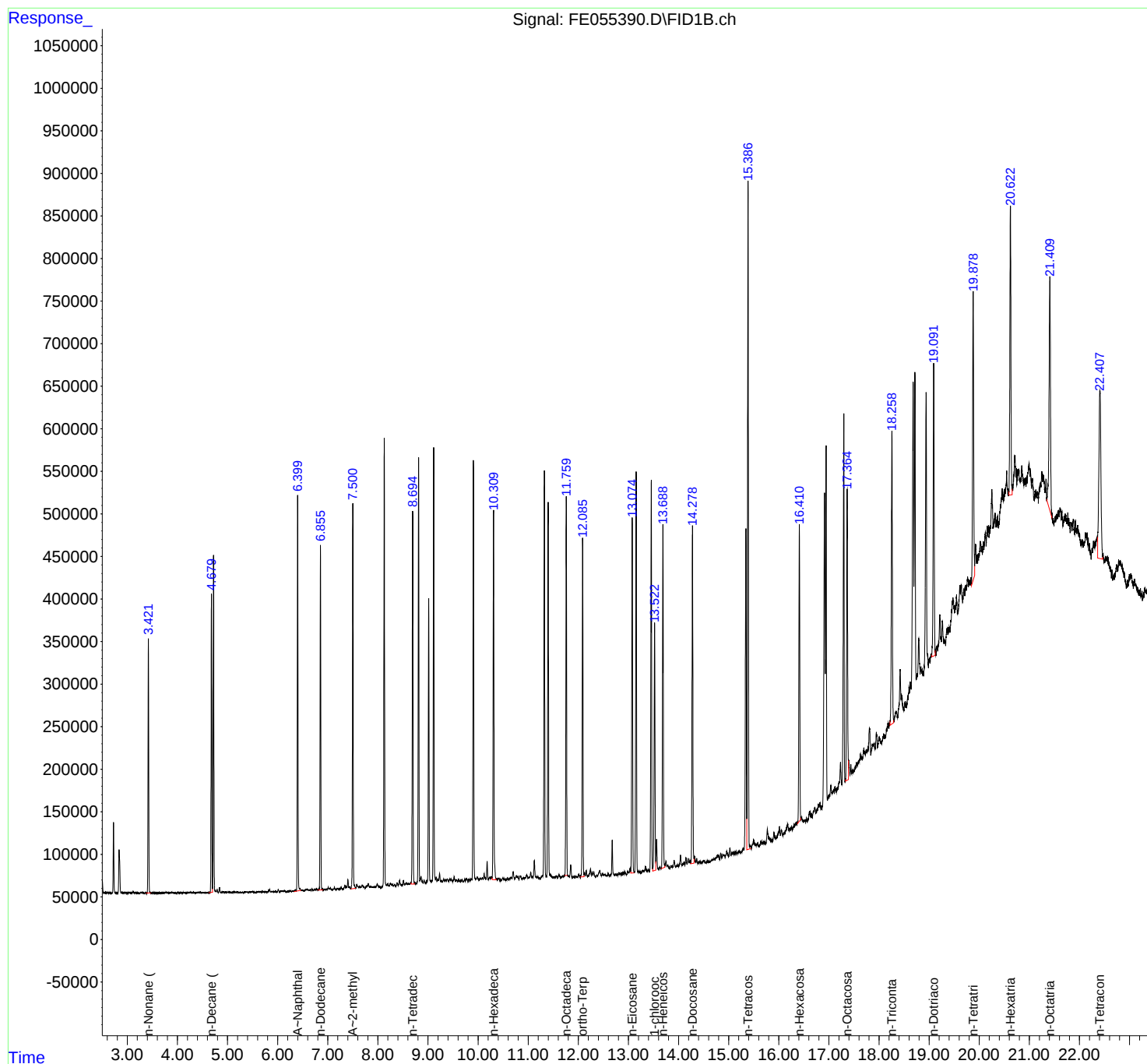
Instrument :
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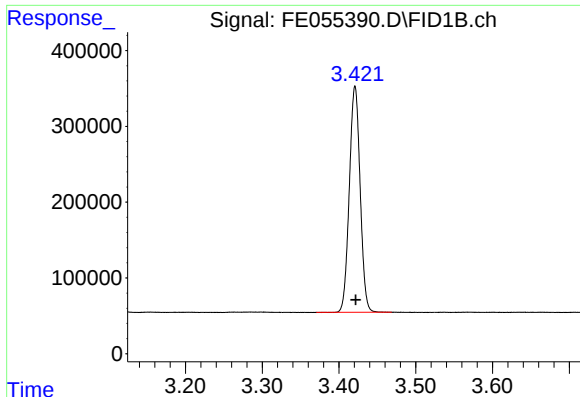
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#1 n-Nonane (C9)

R.T.: 3.421 min
Delta R.T.: -0.001 min
Response: 2924746
Conc: 25.48 ug/ml

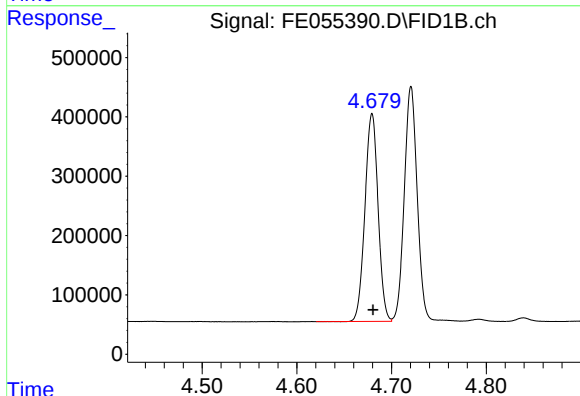
Instrument :

FID_E

ClientSampleId :

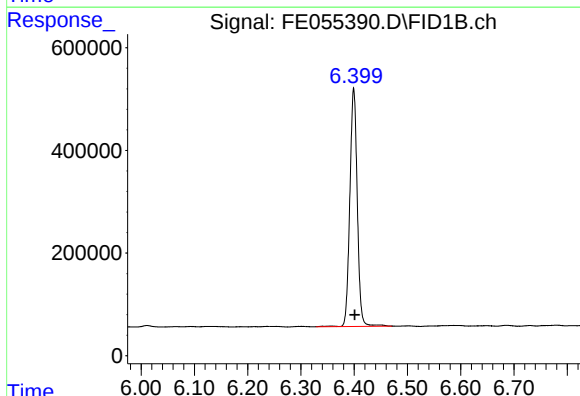
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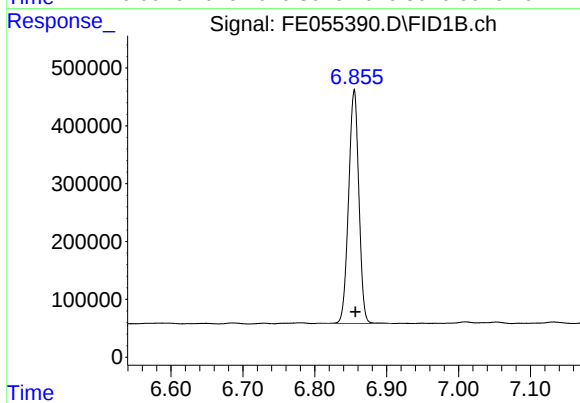
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 3372442
Conc: 28.95 ug/ml



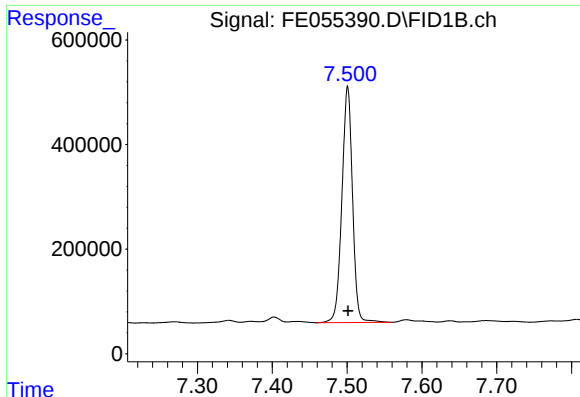
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 4497427
Conc: 33.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 4008141
Conc: 33.66 ug/ml



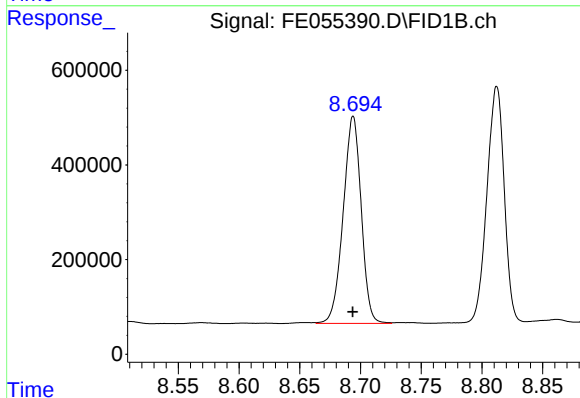
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 4452255
Conc: 34.15 ug/ml

Instrument :
FID_E
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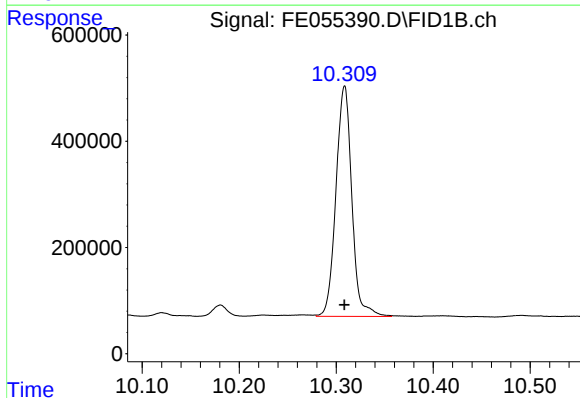
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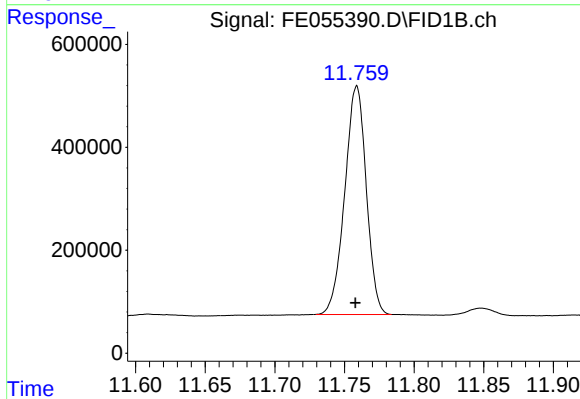
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 4521672
Conc: 36.88 ug/ml m



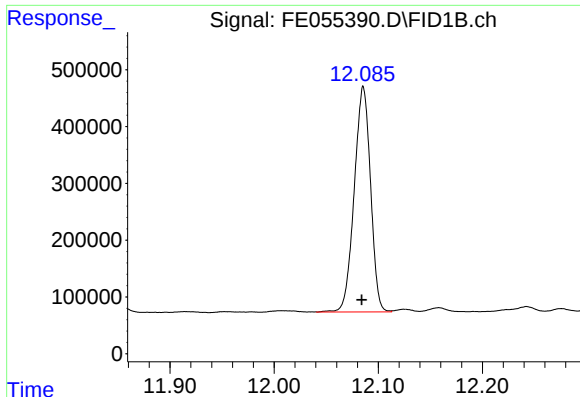
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 4941749
Conc: 38.65 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 4770817
Conc: 36.56 ug/ml m



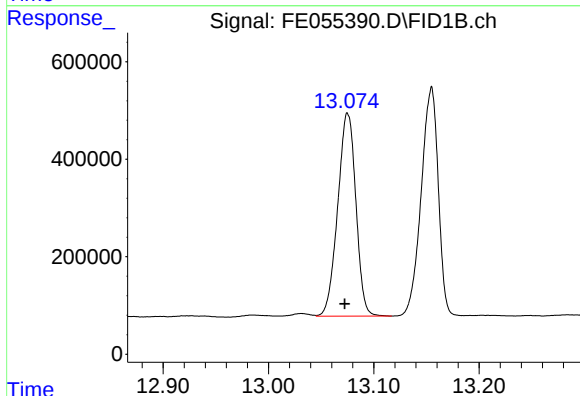
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.001 min
Response: 4316541
Conc: 30.23 ug/ml

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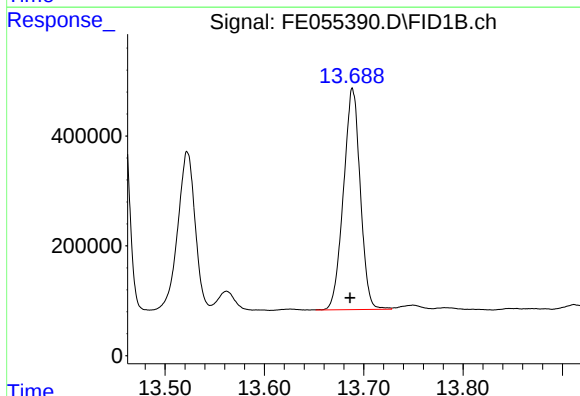
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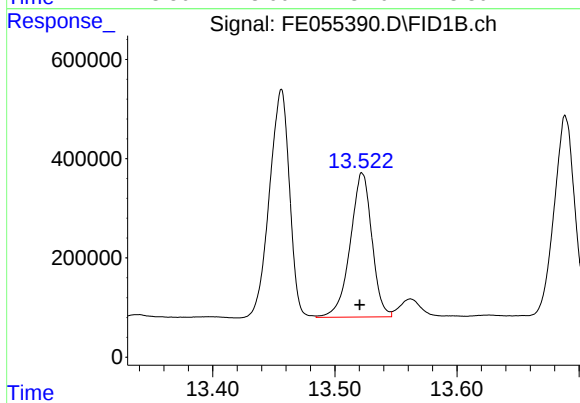
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 4993196
Conc: 39.80 ug/ml



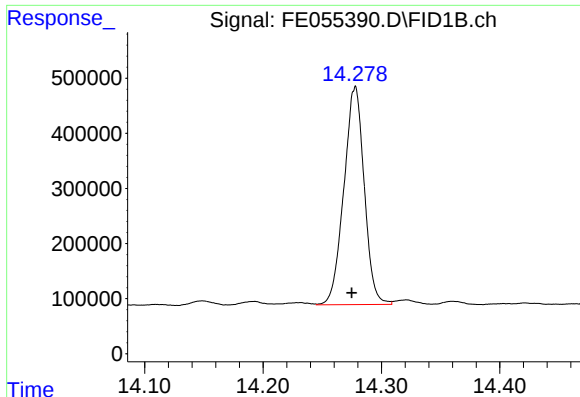
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 4732474
Conc: 38.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 3577554
Conc: 33.27 ug/ml



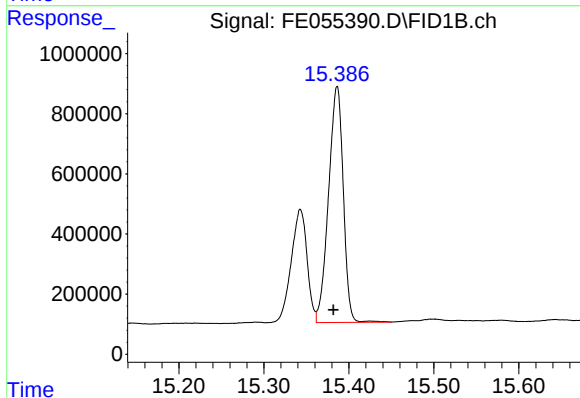
#13 n-Docosane (C22)

R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 4721878
Conc: 38.67 ug/ml

Instrument :
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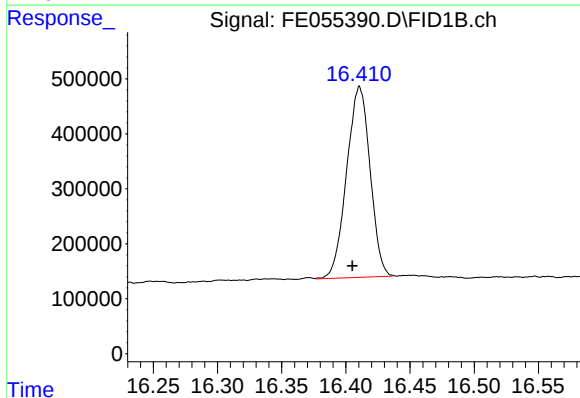
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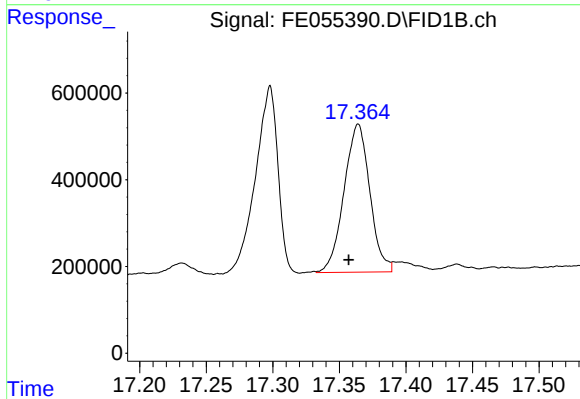
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 9459617
Conc: 77.77 ug/ml



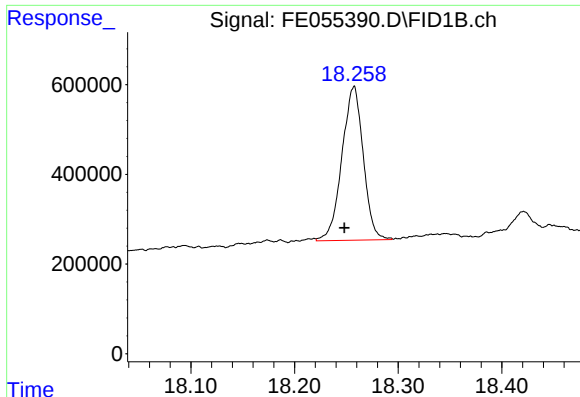
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 4408408
Conc: 36.85 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.364 min
Delta R.T.: 0.007 min
Response: 4604167
Conc: 38.81 ug/ml m



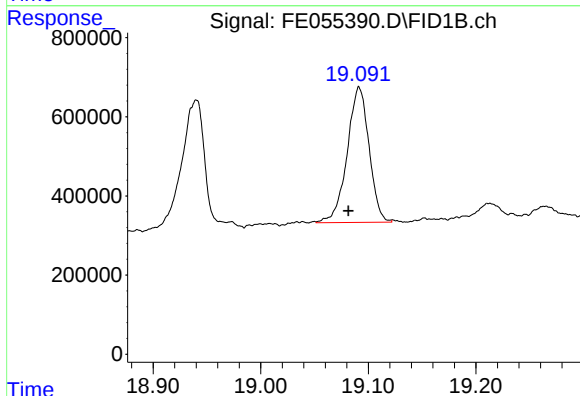
#17 n-Tricontane (C30)

R.T.: 18.258 min
Delta R.T.: 0.010 min
Response: 4906737
Conc: 39.88 ug/ml

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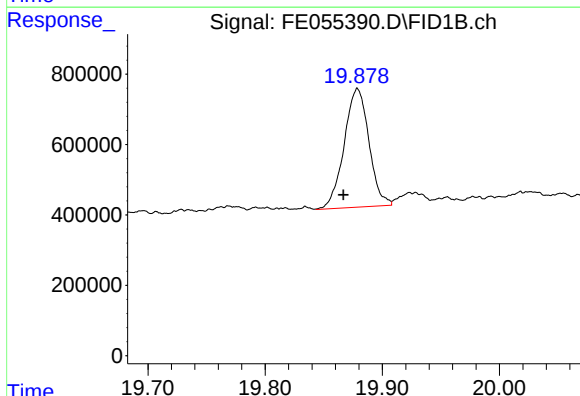
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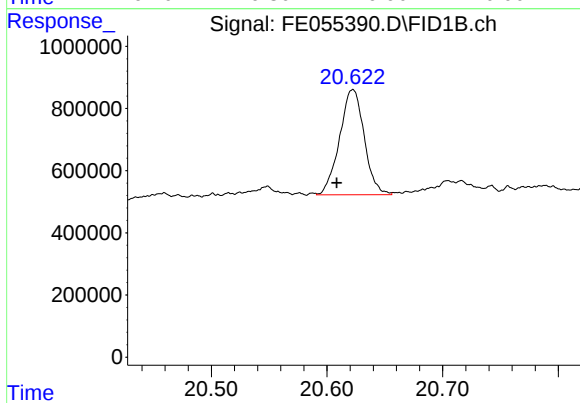
#18 n-Dotriacontane (C32)

R.T.: 19.091 min
Delta R.T.: 0.009 min
Response: 4838837
Conc: 39.66 ug/ml m



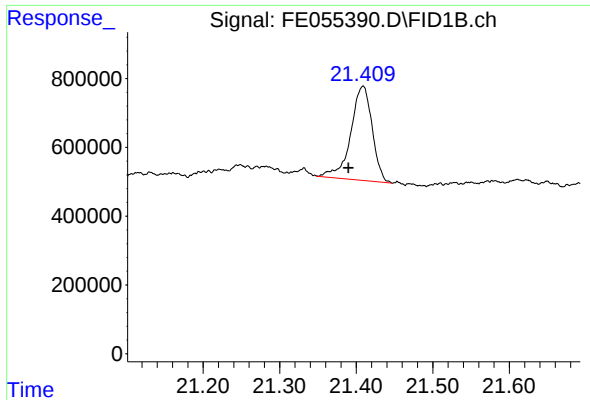
#19 n-Tetratriacontane (C34)

R.T.: 19.878 min
Delta R.T.: 0.011 min
Response: 4959723
Conc: 42.42 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.622 min
Delta R.T.: 0.014 min
Response: 5021884
Conc: 45.95 ug/ml m



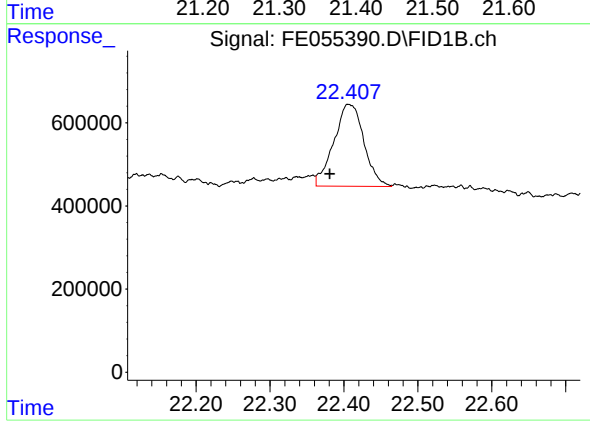
#21 n-Octatriacontane (C38)

R.T.: 21.409 min
Delta R.T.: 0.019 min
Response: 5321862
Conc: 49.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.407 min
Delta R.T.: 0.026 min
Response: 5544419
Conc: 53.02 ug/ml m