

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100825AL\
 Data File : FE056254.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 18:15
 Operator : YP\AJ
 Sample : Q3303-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HL-WESTMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E

Quant Time: Oct 09 01:21:49 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)	12.068	6727156	35.849 ug/ml
Spiked Amount 50.000		Recovery =	71.70%
12) S 1-chlorooctadecane (S...	13.503	5561208	39.847 ug/ml
Spiked Amount 50.000		Recovery =	79.69%
Target Compounds			
1) T n-Nonane (C9)	3.403	3118551	22.764 ug/ml
2) T n-Decane (C10)	4.666	3656418	26.199 ug/ml
3) T A~Naphthalene (C11.7)	6.387	13130940	82.241 ug/ml
4) T n-Dodecane (C12)	6.840	4480988	31.220 ug/ml
5) T A~2-methylnaphthalene...	7.489	14695388	94.493 ug/ml
6) T n-Tetradecane (C14)	8.680	5427843	36.713 ug/ml
7) T n-Hexadecane (C16)	10.291	6165617	38.800 ug/ml
8) T n-Octadecane (C18)	11.742	6681629	39.447 ug/ml
10) T n-Eicosane (C20)	13.056	6889715	41.563 ug/ml
11) T n-Heneicosane (C21)	13.670	6770538	41.667 ug/ml
13) T n-Docosane (C22)	14.257	6656955	41.660 ug/ml
14) T n-Tetracosane (C24)	15.375	21102534	138.486 ug/ml
15) T n-Hexacosane (C26)	16.390	5749439	40.310 ug/ml
16) T n-Octacosane (C28)	17.339	5913120	42.447 ug/mlm
17) T n-Tricontane (C30)	18.230	5439852	36.711 ug/ml
18) T n-Dotriacontane (C32)	19.063	5449574	36.526 ug/ml
19) T n-Tetratriacontane (C34)	19.847	5841714	41.299 ug/ml
20) T n-Hexatriacontane (C36)	20.589	6015262	46.858 ug/ml
21) T n-Octatriacontane (C38)	21.361	6142534	46.767 ug/ml
22) T n-Tetracontane (C40)	22.343	5928724	49.835 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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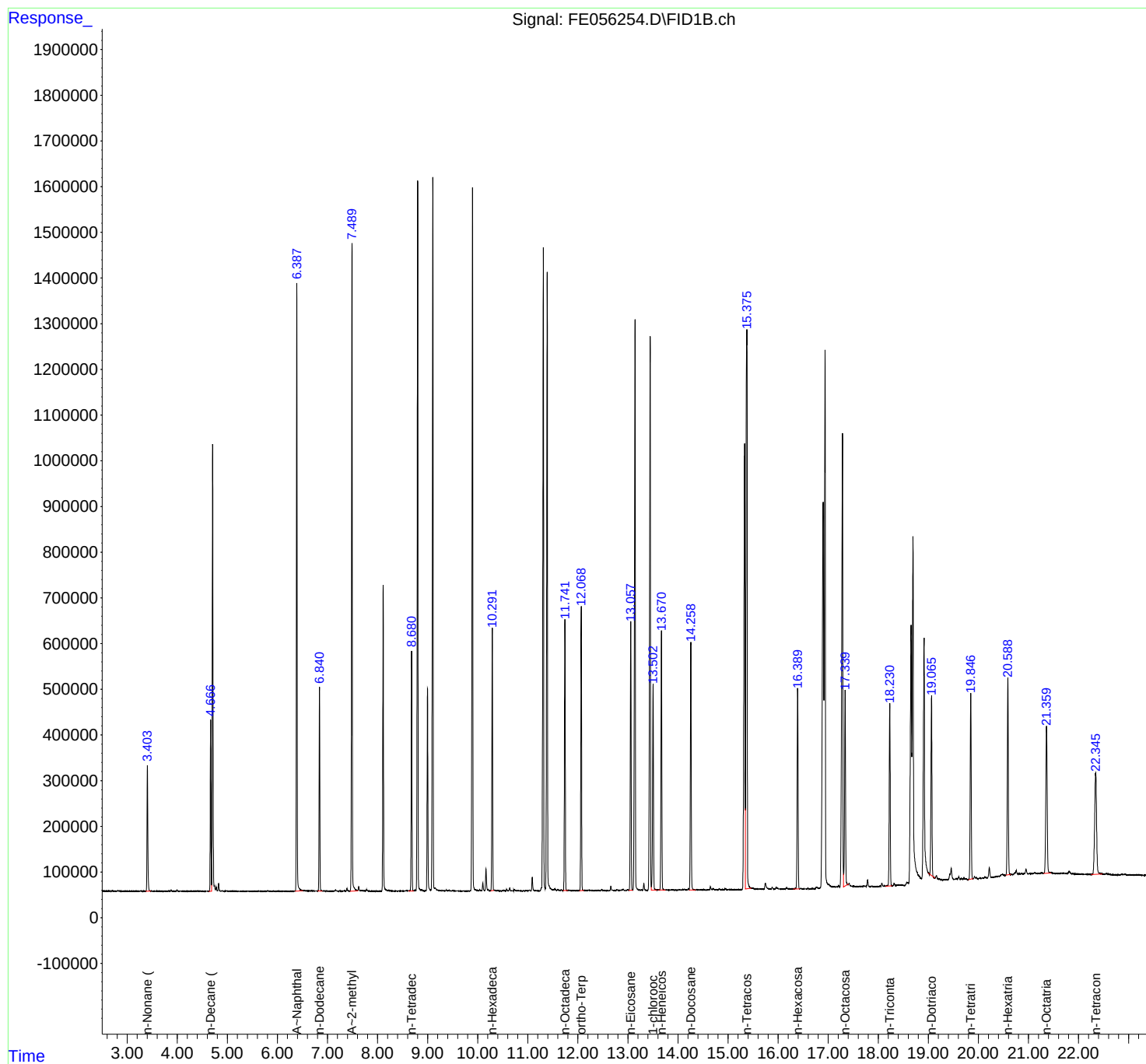
Instrument :
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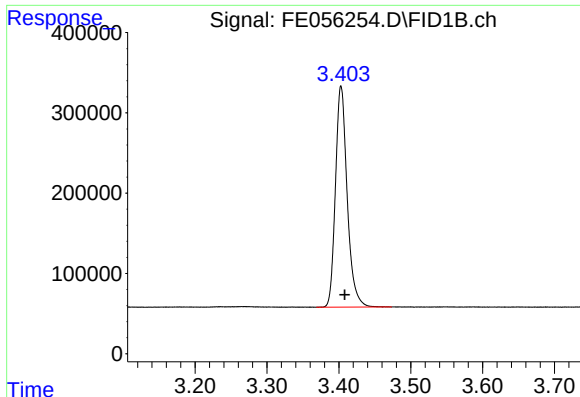
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.005 min
Response: 3118551
Conc: 22.76 ug/ml

Instrument :

FID_E

ClientSampleId :

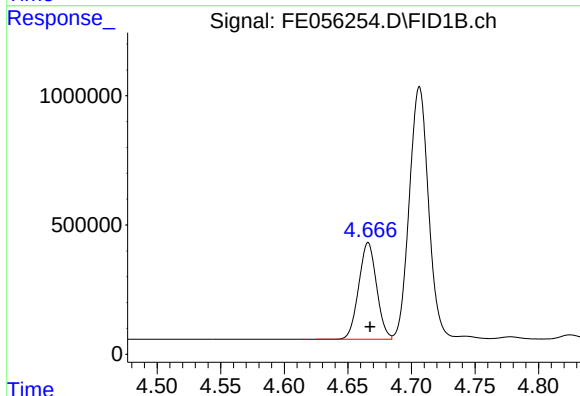
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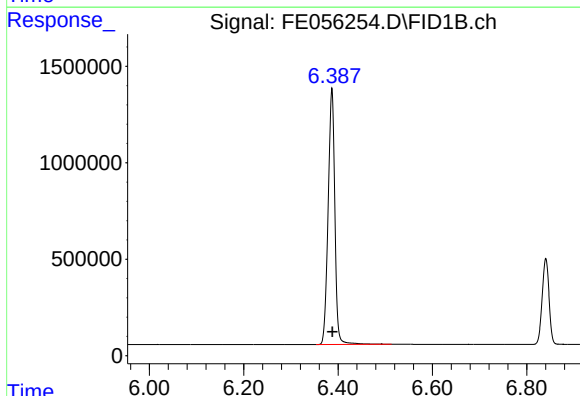
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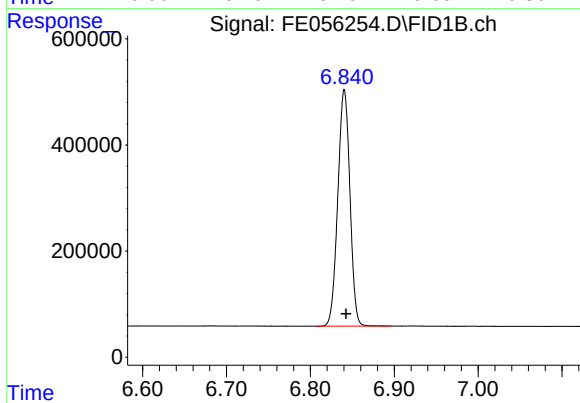
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: -0.001 min
Response: 3656418
Conc: 26.20 ug/ml



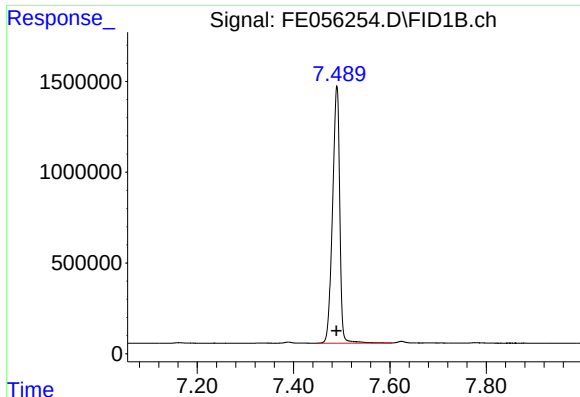
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: -0.001 min
Response: 13130940
Conc: 82.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 4480988
Conc: 31.22 ug/ml



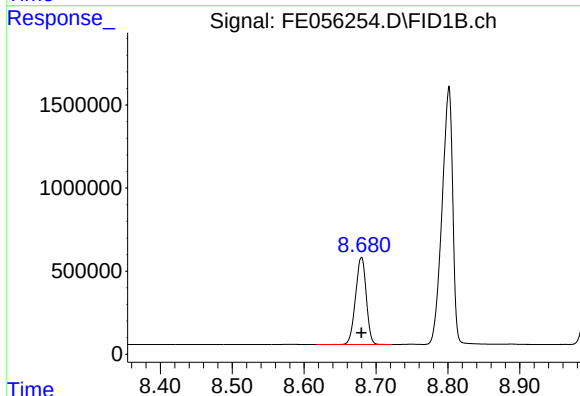
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 14695388
Conc: 94.49 ug/ml

Instrument :
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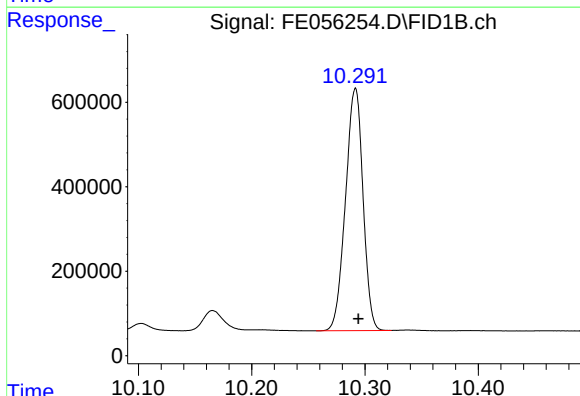
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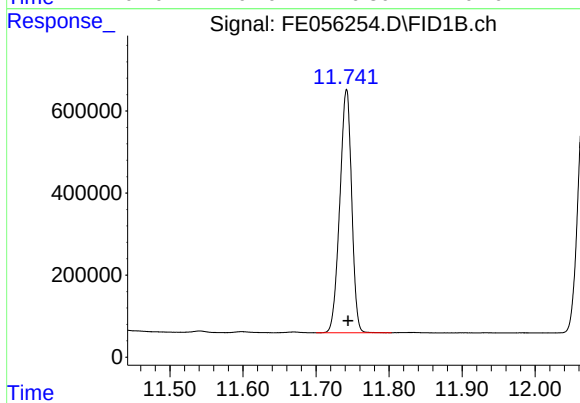
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 5427843
Conc: 36.71 ug/ml



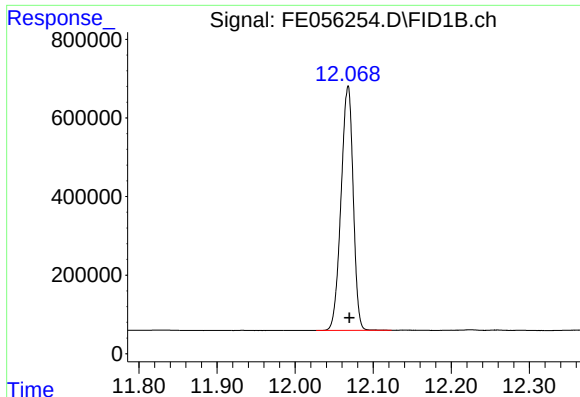
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.003 min
Response: 6165617
Conc: 38.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.742 min
Delta R.T.: -0.002 min
Response: 6681629
Conc: 39.45 ug/ml



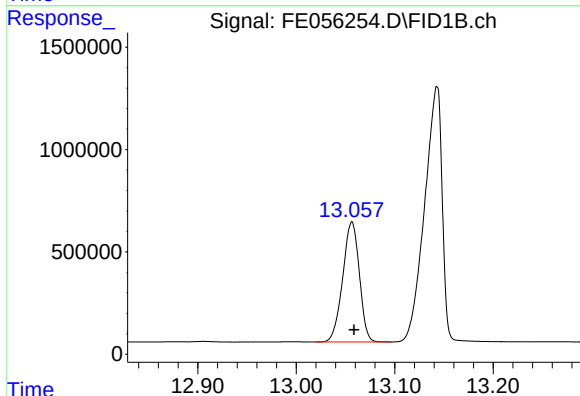
#9 ortho-Terphenyl (SURR)

R.T.: 12.068 min
Delta R.T.: -0.002 min
Response: 6727156
Conc: 35.85 ug/ml

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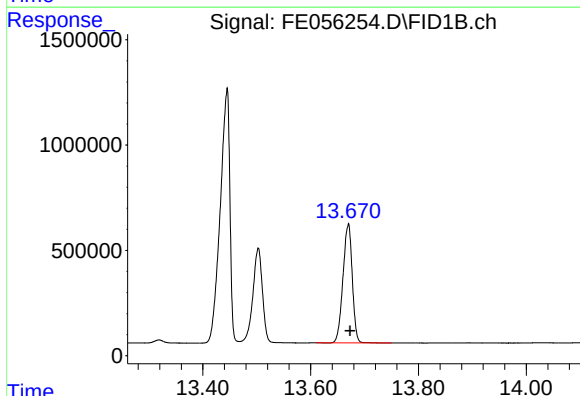
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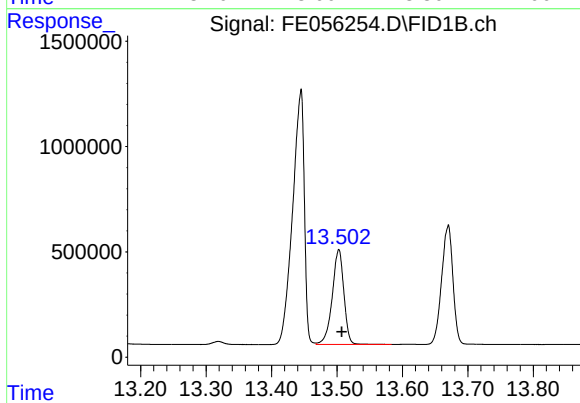
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: -0.002 min
Response: 6889715
Conc: 41.56 ug/ml



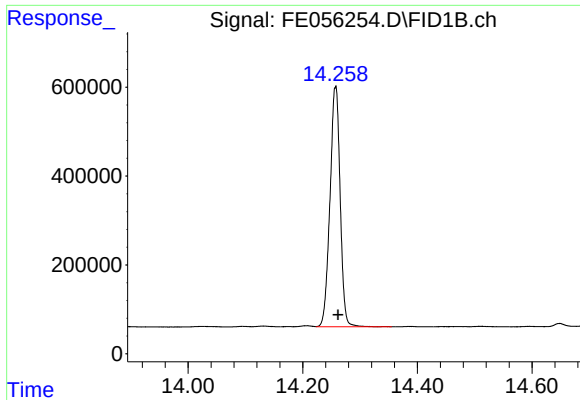
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 6770538
Conc: 41.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 5561208
Conc: 39.85 ug/ml



#13 n-Docosane (C22)

R.T.: 14.257 min
Delta R.T.: -0.004 min
Response: 6656955
Conc: 41.66 ug/ml

Instrument :

FID_E

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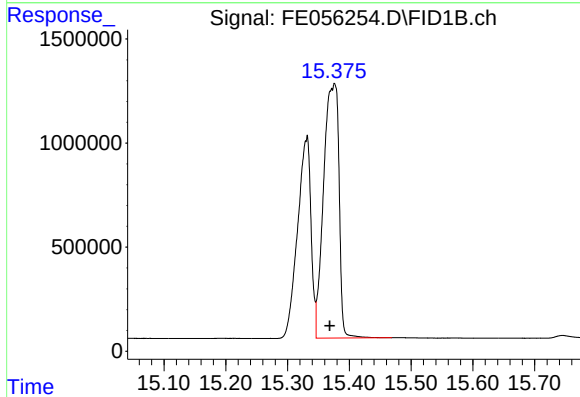
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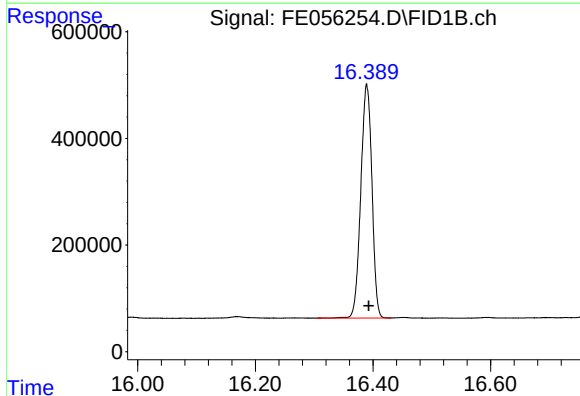
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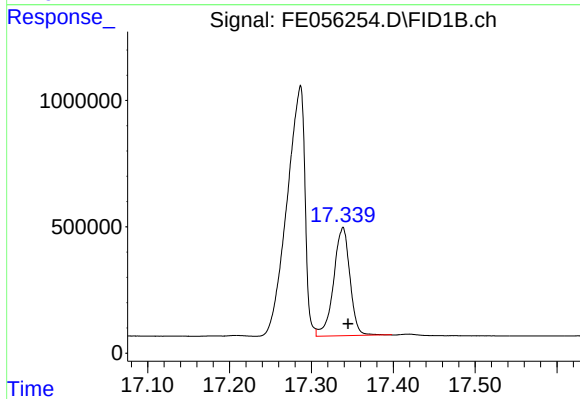
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: 0.006 min
Response: 21102534
Conc: 138.49 ug/ml



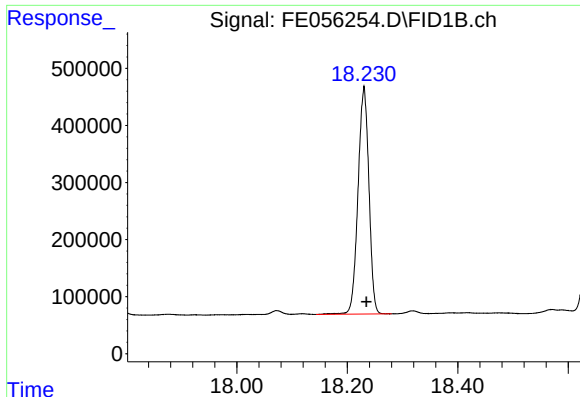
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.003 min
Response: 5749439
Conc: 40.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.339 min
Delta R.T.: -0.006 min
Response: 5913120
Conc: 42.45 ug/ml m



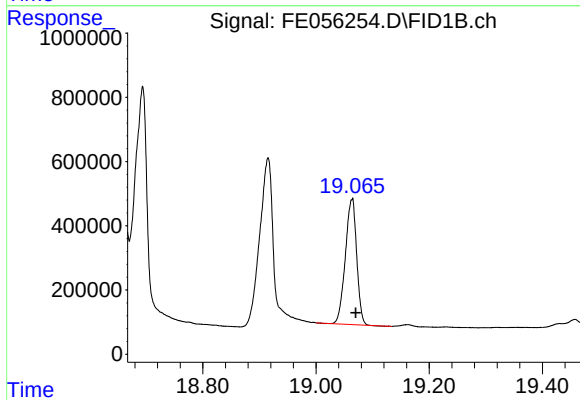
#17 n-Tricontane (C30)

R.T.: 18.230 min
Delta R.T.: -0.005 min
Response: 5439852
Conc: 36.71 ug/ml

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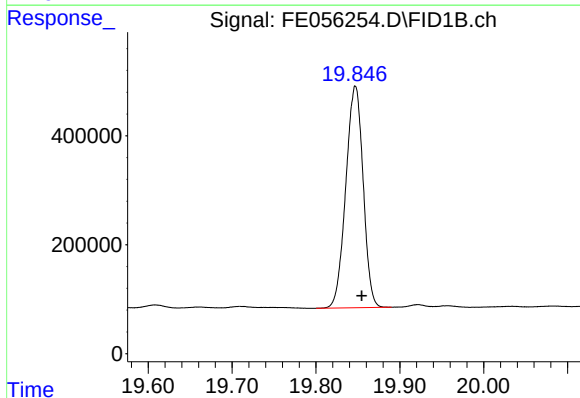
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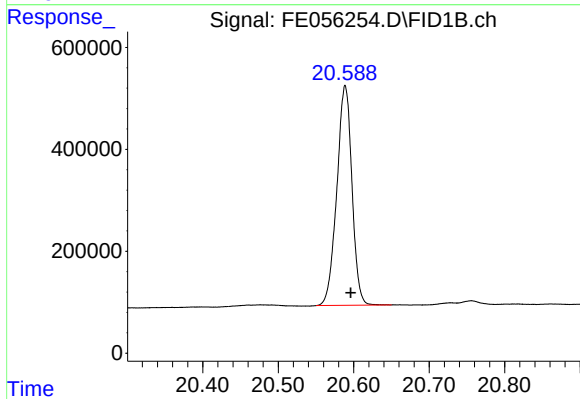
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 5449574
Conc: 36.53 ug/ml



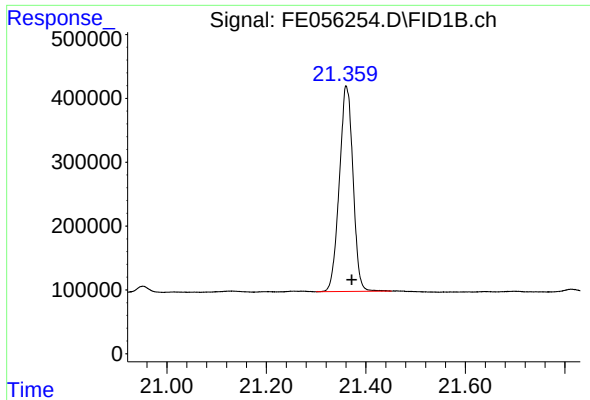
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: -0.008 min
Response: 5841714
Conc: 41.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.589 min
Delta R.T.: -0.007 min
Response: 6015262
Conc: 46.86 ug/ml



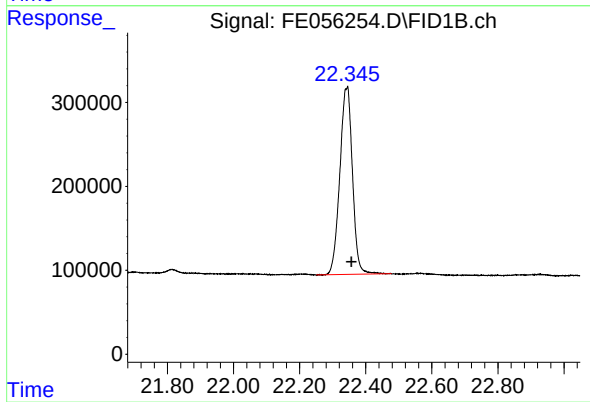
#21 n-Octatriacontane (C38)

R.T.: 21.361 min
Delta R.T.: -0.011 min
Response: 6142534
Conc: 46.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.343 min
Delta R.T.: -0.014 min
Response: 5928724
Conc: 49.83 ug/ml