

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
 Data File : FE056286.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2025 22:26
 Operator : YP\AJ
 Sample : Q3313-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-360MS

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 01:54:29 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)	12.061	5066122	26.997 ug/ml
Spiked Amount 50.000		Recovery =	53.99%
12) S 1-chlorooctadecane (S...	13.497	4408193	31.585 ug/ml
Spiked Amount 50.000		Recovery =	63.17%
Target Compounds			
1) T n-Nonane (C9)	3.401	3089598	22.553 ug/ml
2) T n-Decane (C10)	4.663	3570308	25.582 ug/ml
3) T A~Naphthalene (C11.7)	6.384	12970223	81.234 ug/ml
4) T n-Dodecane (C12)	6.837	4304053	29.987 ug/ml
5) T A~2-methylnaphthalene...	7.486	14392750	92.547 ug/ml
6) T n-Tetradecane (C14)	8.676	5087066	34.408 ug/ml
7) T n-Hexadecane (C16)	10.287	5934844	37.348 ug/ml
8) T n-Octadecane (C18)	11.736	6633563	39.163 ug/ml
10) T n-Eicosane (C20)	13.052	7020327	42.351 ug/ml
11) T n-Heneicosane (C21)	13.665	6986972	42.999 ug/ml
13) T n-Docosane (C22)	14.253	6916088	43.282 ug/ml
14) T n-Tetracosane (C24)	15.374	22235056	145.918 ug/ml
15) T n-Hexacosane (C26)	16.386	6051750	42.429 ug/ml
16) T n-Octacosane (C28)	17.333	6039745	43.356 ug/mlm
17) T n-Tricontane (C30)	18.225	5657883	38.182 ug/ml
18) T n-Dotriacontane (C32)	19.056	5505846	36.903 ug/ml
19) T n-Tetratriacontane (C34)	19.842	5957064	42.114 ug/ml
20) T n-Hexatriacontane (C36)	20.583	6089340	47.436 ug/ml
21) T n-Octatriacontane (C38)	21.355	6315206	48.082 ug/ml
22) T n-Tetracontane (C40)	22.333	6173674	51.894 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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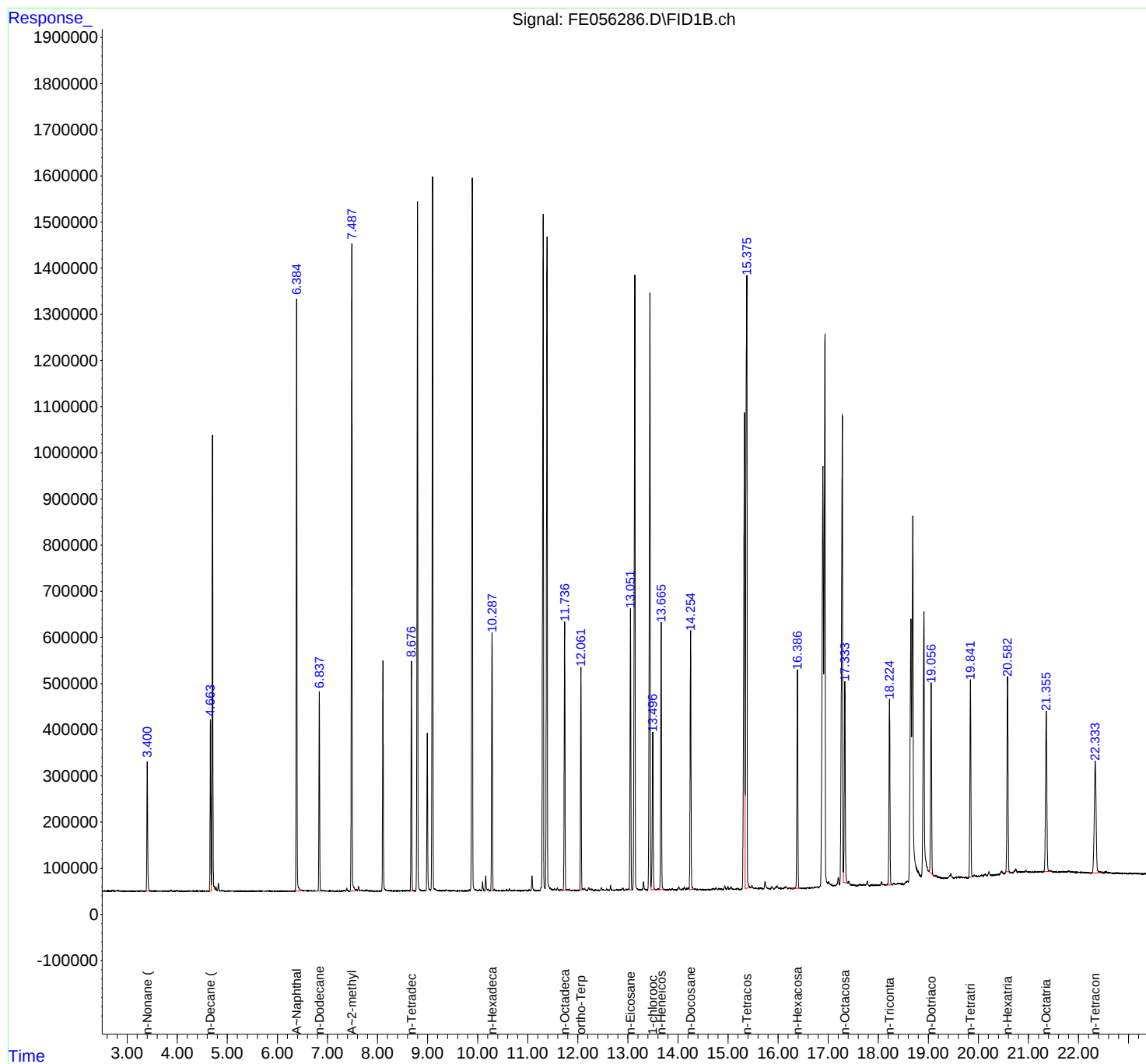
Response via : Initial Calibration

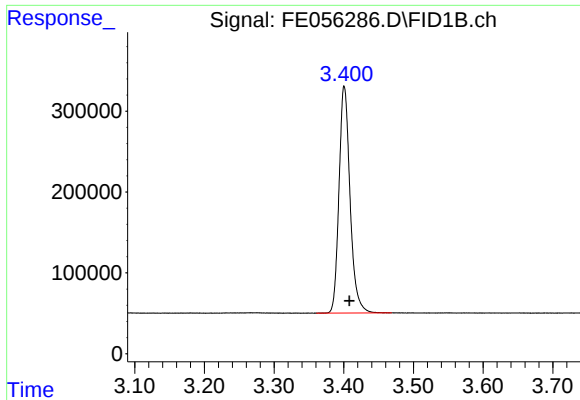
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.007 min
Response: 3089598
Conc: 22.55 ug/ml

Instrument :

FID_E

ClientSampleId :

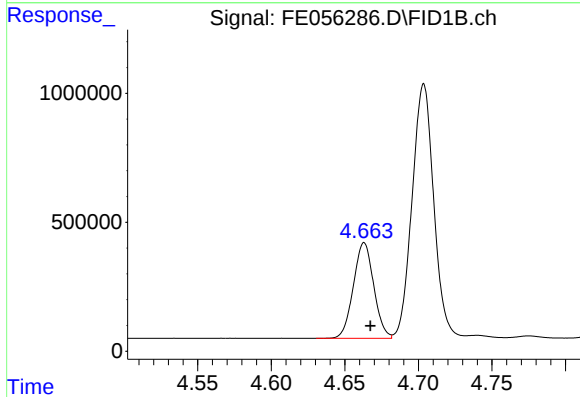
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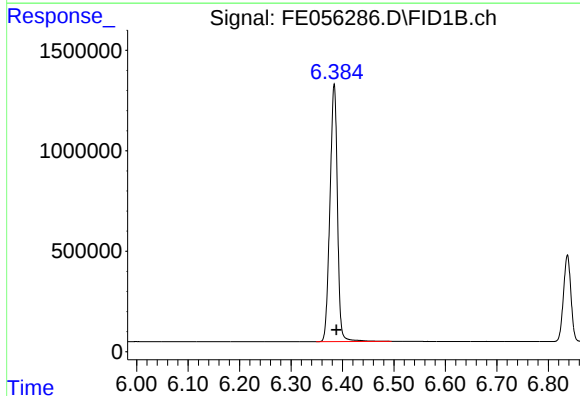
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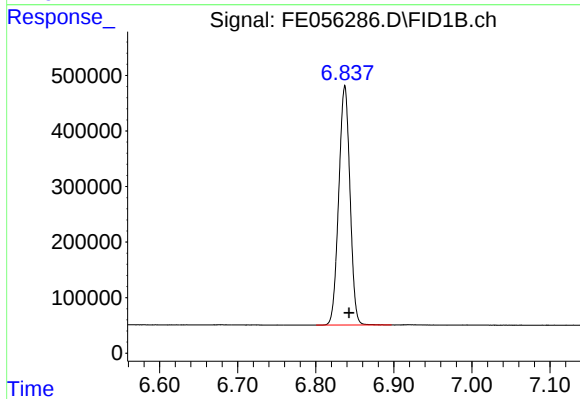
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 3570308
Conc: 25.58 ug/ml



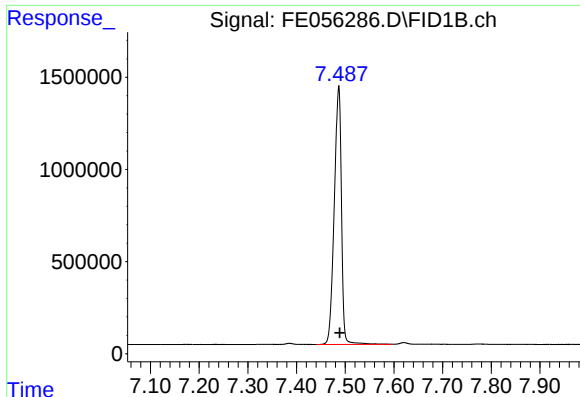
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 12970223
Conc: 81.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 4304053
Conc: 29.99 ug/ml



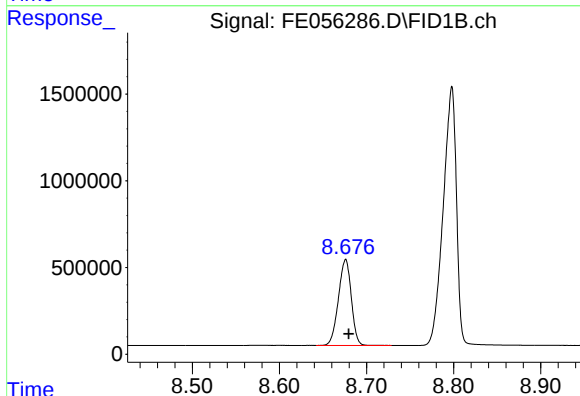
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 14392750
Conc: 92.55 ug/ml

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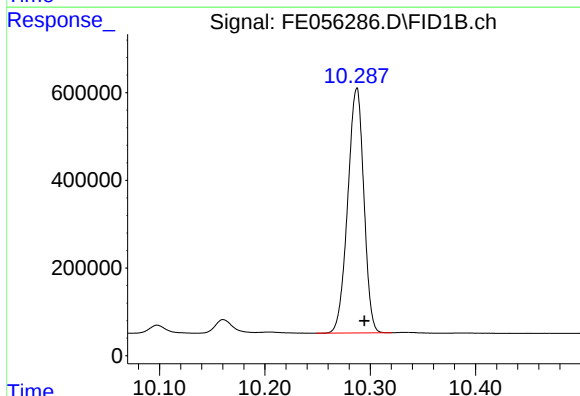
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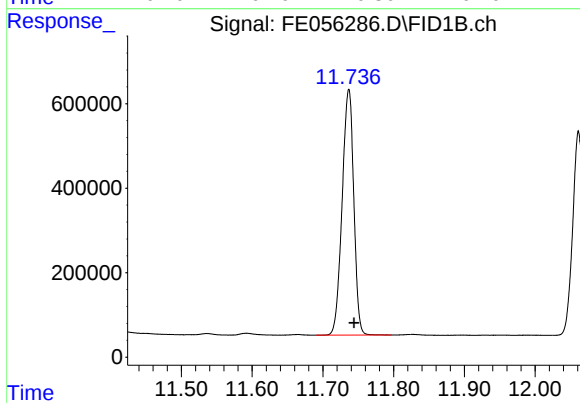
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 5087066
Conc: 34.41 ug/ml



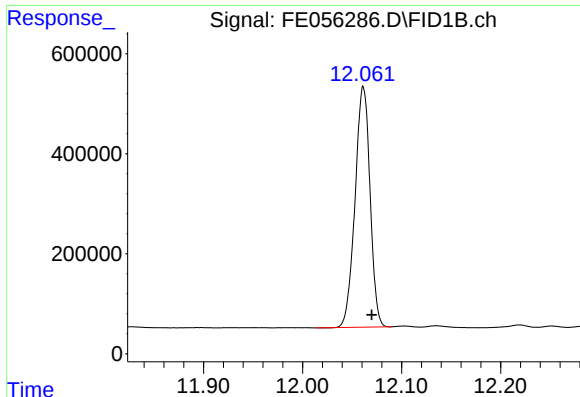
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: -0.007 min
Response: 5934844
Conc: 37.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.736 min
Delta R.T.: -0.008 min
Response: 6633563
Conc: 39.16 ug/ml



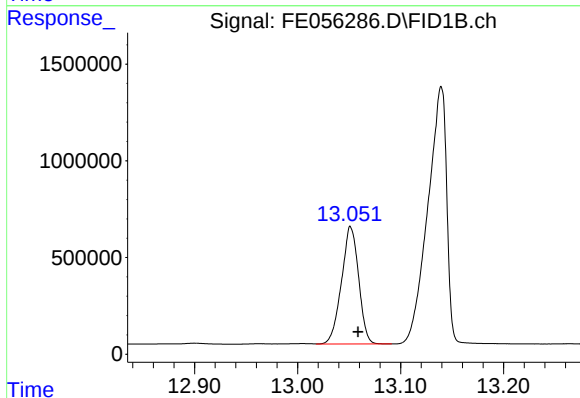
#9 ortho-Terphenyl (SURR)

R.T.: 12.061 min
Delta R.T.: -0.008 min
Response: 5066122
Conc: 27.00 ug/ml

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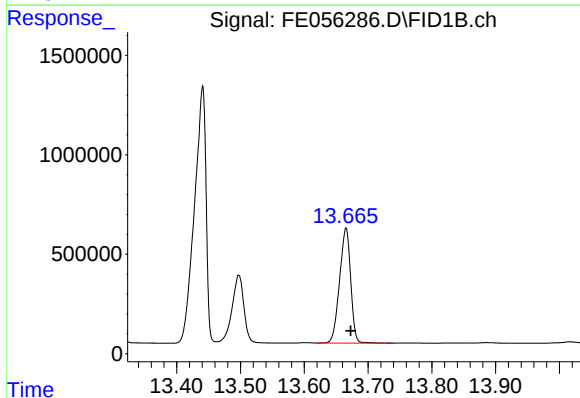
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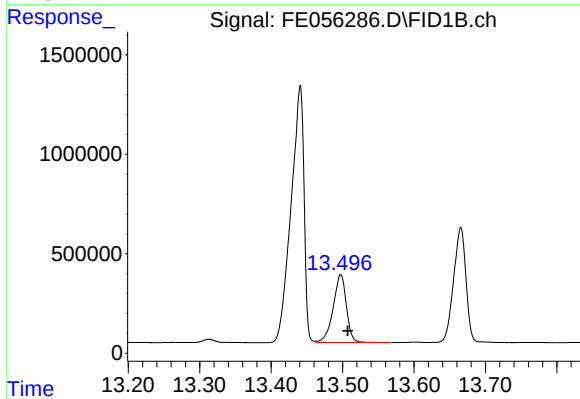
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: -0.007 min
Response: 7020327
Conc: 42.35 ug/ml



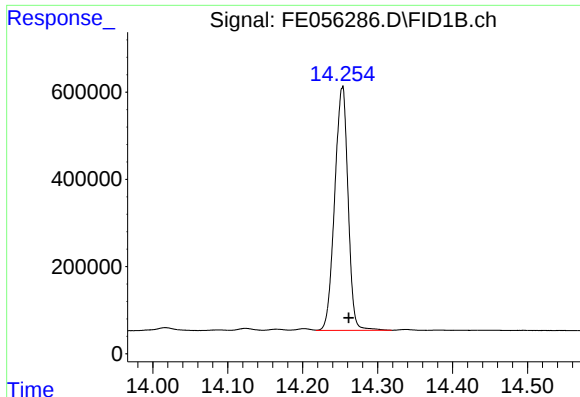
#11 n-Heneicosane (C21)

R.T.: 13.665 min
Delta R.T.: -0.008 min
Response: 6986972
Conc: 43.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 4408193
Conc: 31.59 ug/ml



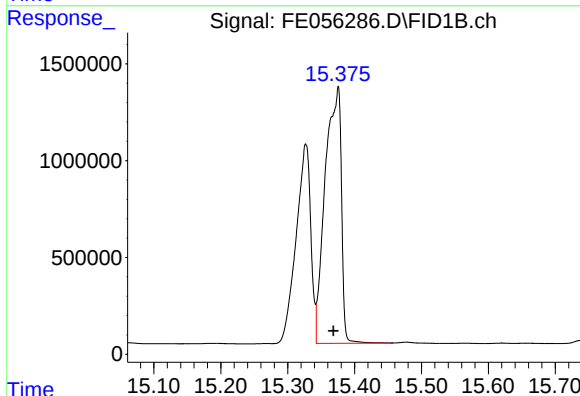
#13 n-Docosane (C22)

R.T.: 14.253 min
Delta R.T.: -0.009 min
Response: 6916088
Conc: 43.28 ug/ml

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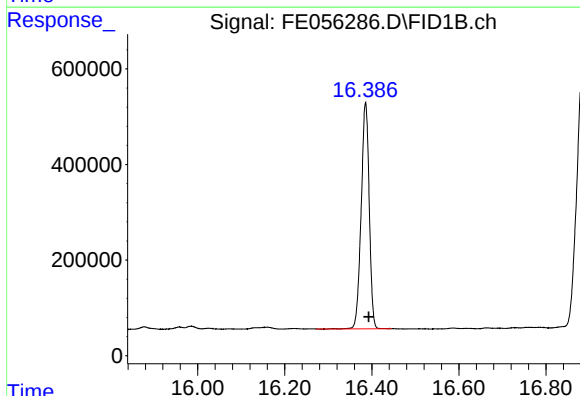
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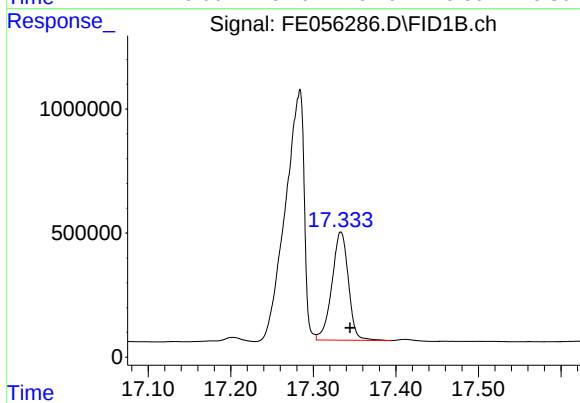
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.005 min
Response: 22235056
Conc: 145.92 ug/ml



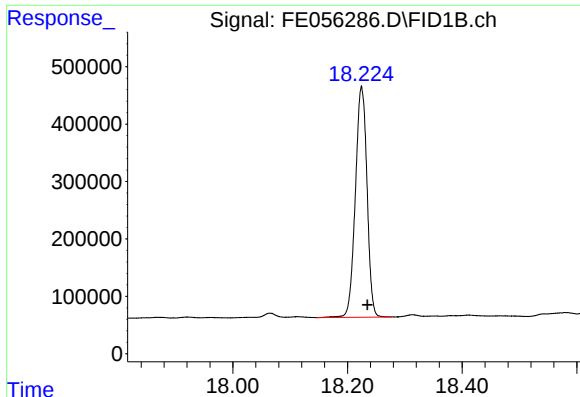
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 6051750
Conc: 42.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.333 min
Delta R.T.: -0.011 min
Response: 6039745
Conc: 43.36 ug/ml m



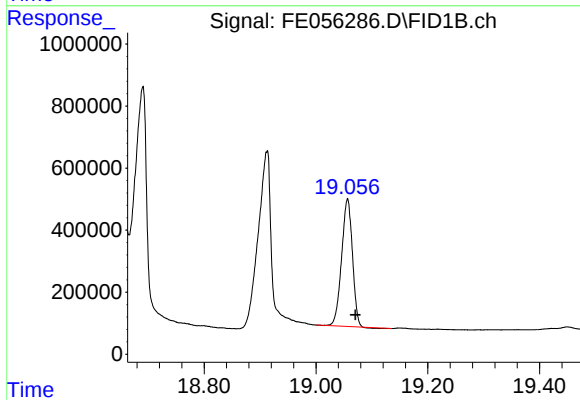
#17 n-Tricontane (C30)

R.T.: 18.225 min
Delta R.T.: -0.010 min
Response: 5657883
Conc: 38.18 ug/ml

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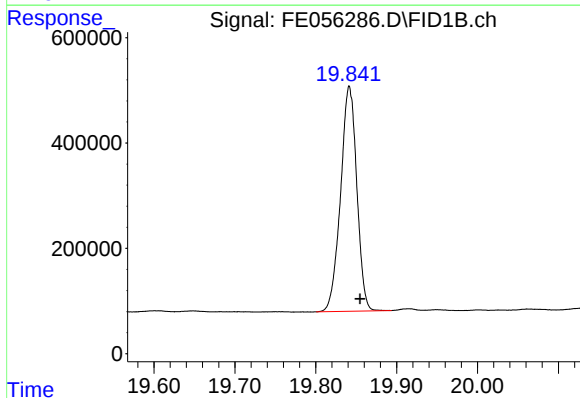
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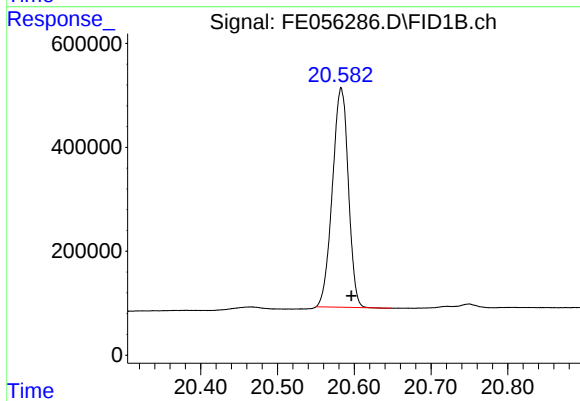
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.014 min
Response: 5505846
Conc: 36.90 ug/ml



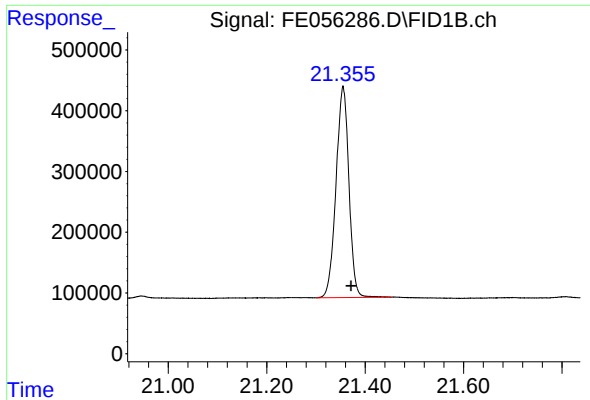
#19 n-Tetratriacontane (C34)

R.T.: 19.842 min
Delta R.T.: -0.013 min
Response: 5957064
Conc: 42.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.583 min
Delta R.T.: -0.013 min
Response: 6089340
Conc: 47.44 ug/ml



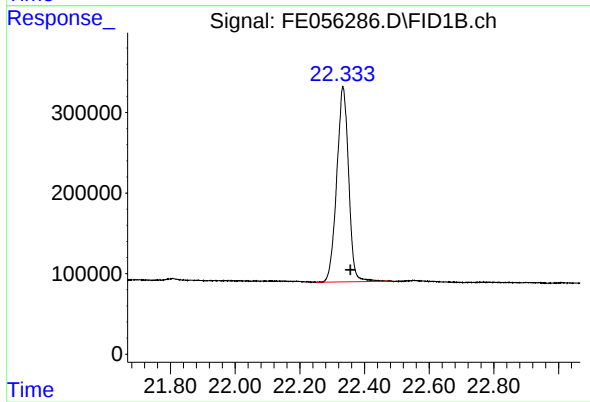
#21 n-Octatriacontane (C38)

R.T.: 21.355 min
Delta R.T.: -0.017 min
Response: 6315206
Conc: 48.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.333 min
Delta R.T.: -0.023 min
Response: 6173674
Conc: 51.89 ug/ml