

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
 Data File : FE056282.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2025 20:25
 Operator : YP\AJ
 Sample : PB170039BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170039BS

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 01:52:42 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	6246323	33.287 ug/ml
Spiked Amount 50.000		Recovery =	66.57%
12) S 1-chlorooctadecane (S...	13.499	4962734	35.558 ug/ml
Spiked Amount 50.000		Recovery =	71.12%
Target Compounds			
1) T n-Nonane (C9)	3.411	4158617	30.357 ug/ml
2) T n-Decane (C10)	4.666	4589613	32.886 ug/ml
3) T A~Naphthalene (C11.7)	6.383	6323224	39.603 ug/ml
4) T n-Dodecane (C12)	6.838	5236760	36.486 ug/ml
5) T A~2-methylnaphthalene...	7.482	6236850	40.104 ug/ml
6) T n-Tetradecane (C14)	8.675	5856609	39.613 ug/ml
7) T n-Hexadecane (C16)	10.288	6544147	41.182 ug/ml
8) T n-Octadecane (C18)	11.737	7041526	41.572 ug/ml
10) T n-Eicosane (C20)	13.052	7475464	45.097 ug/ml
11) T n-Heneicosane (C21)	13.665	7192484	44.264 ug/ml
13) T n-Docosane (C22)	14.253	7038831	44.050 ug/ml
14) T n-Tetracosane (C24)	15.360	13603246	89.271 ug/ml
15) T n-Hexacosane (C26)	16.384	6214644	43.571 ug/ml
16) T n-Octacosane (C28)	17.335	6296390	45.198 ug/mlm
17) T n-Tricontane (C30)	18.224	6138392	41.425 ug/ml
18) T n-Dotriacontane (C32)	19.057	6333579	42.451 ug/ml
19) T n-Tetratriacontane (C34)	19.843	6620578	46.805 ug/ml
20) T n-Hexatriacontane (C36)	20.584	6687360	52.094 ug/ml
21) T n-Octatriacontane (C38)	21.355	6799884	51.772 ug/ml
22) T n-Tetracontane (C40)	22.334	6441756	54.147 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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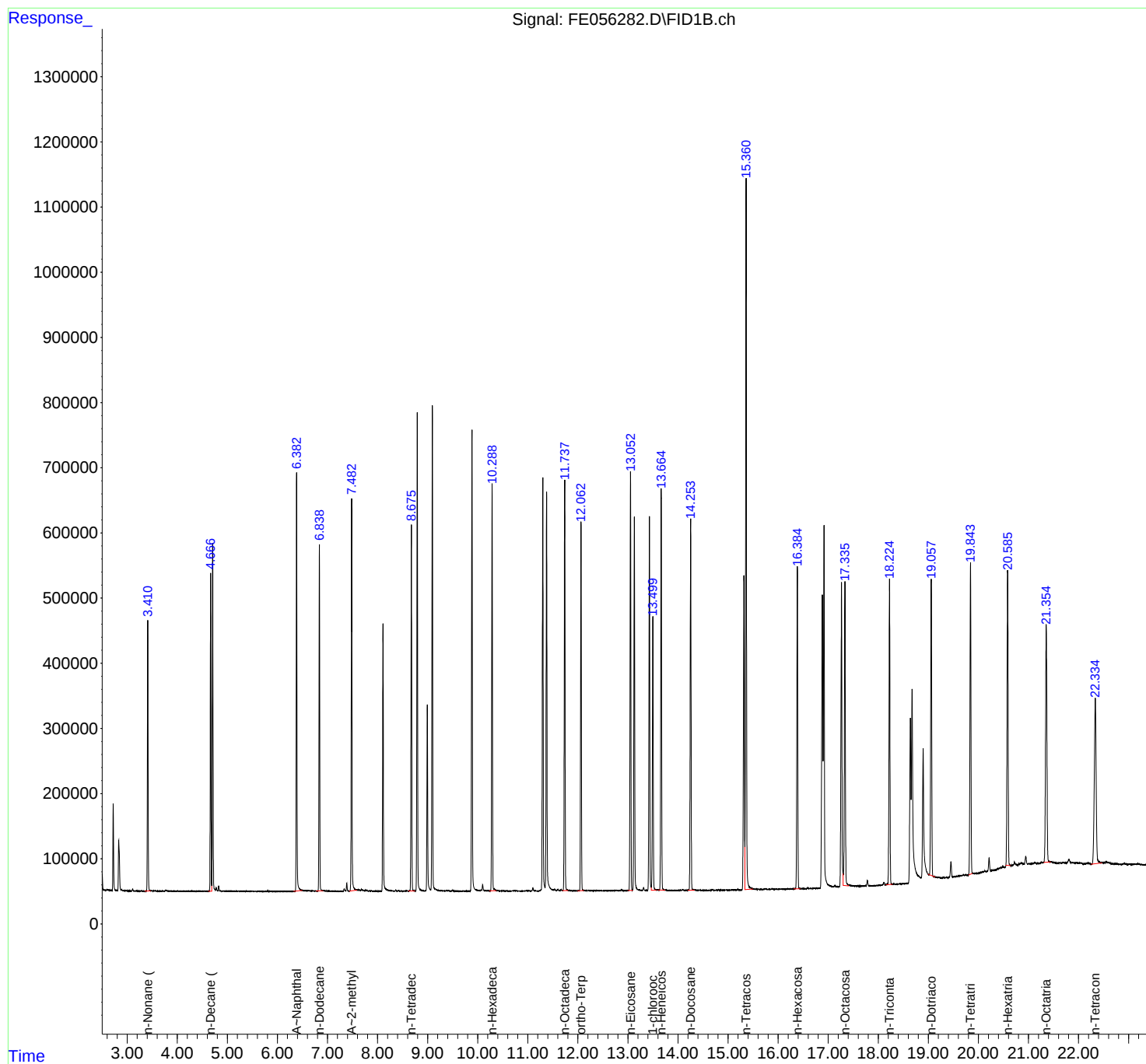
Instrument :
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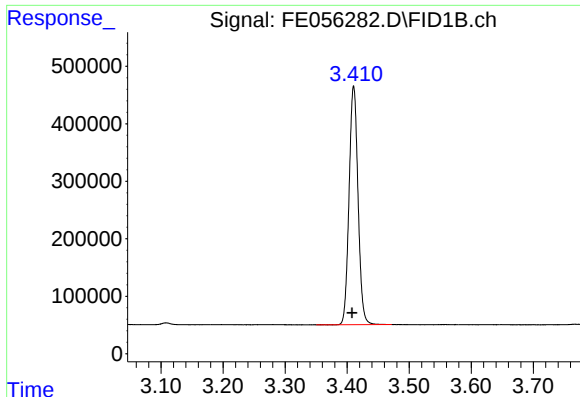
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#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 4158617
Conc: 30.36 ug/ml

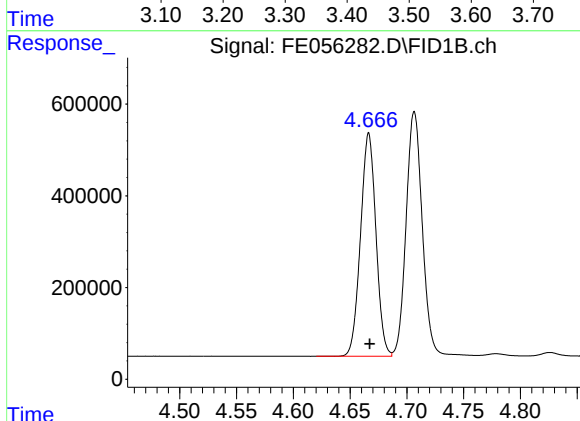
Instrument :

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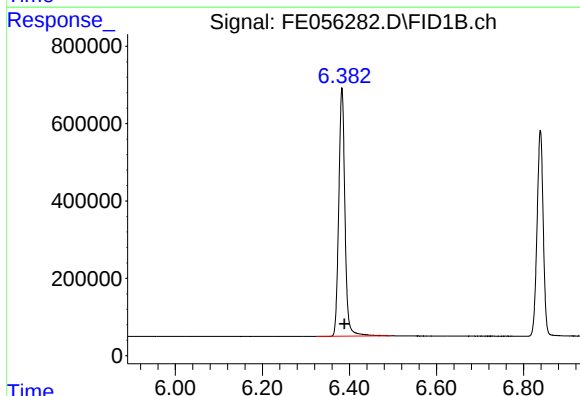
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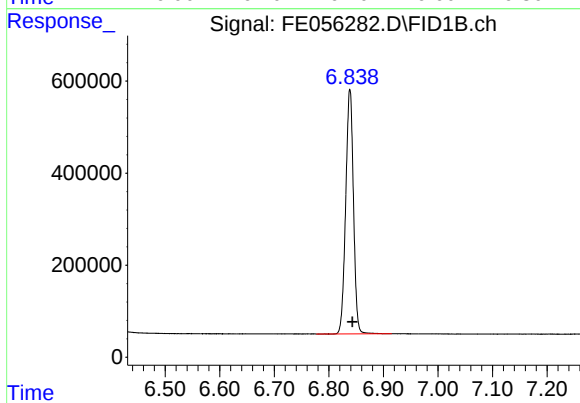
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 4589613
Conc: 32.89 ug/ml



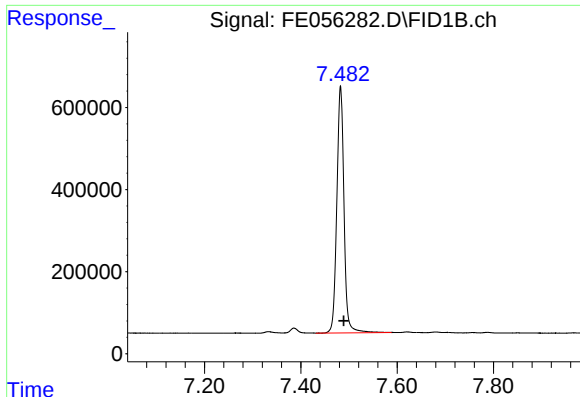
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 6323224
Conc: 39.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 5236760
Conc: 36.49 ug/ml



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

R.T.: 7.482 min
Delta R.T.: -0.006 min
Response: 6236850
Conc: 40.10 ug/ml

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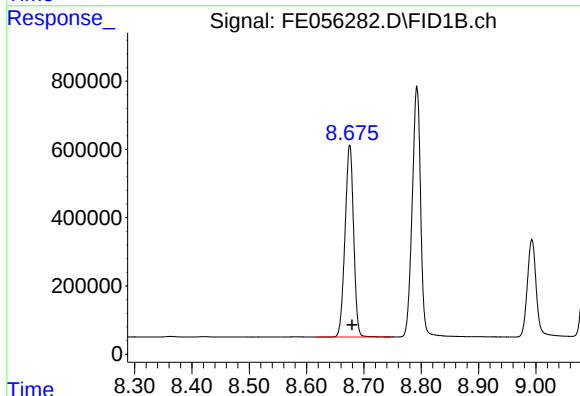
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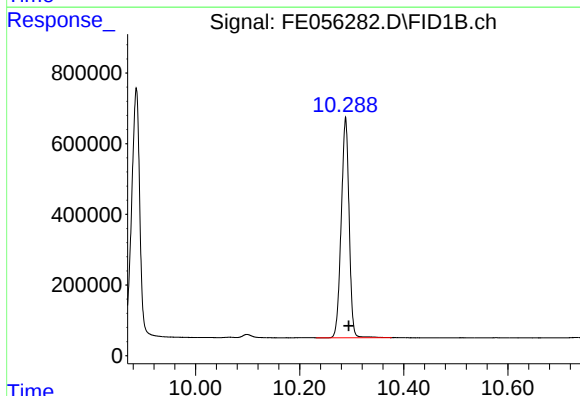
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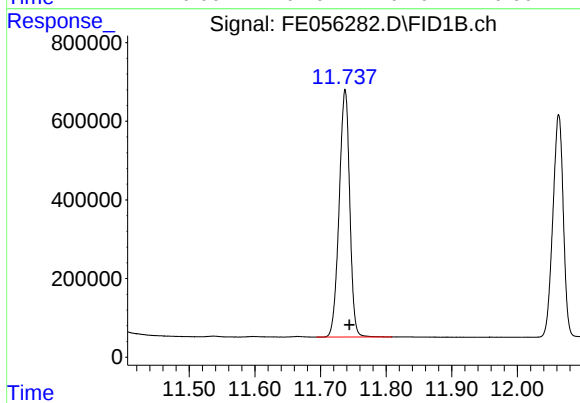
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 5856609
Conc: 39.61 ug/ml



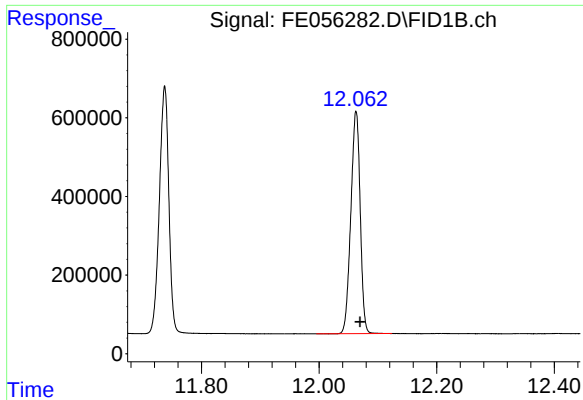
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 6544147
Conc: 41.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.737 min
Delta R.T.: -0.007 min
Response: 7041526
Conc: 41.57 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.063 min
Delta R.T.: -0.007 min
Response: 6246323
Conc: 33.29 ug/ml

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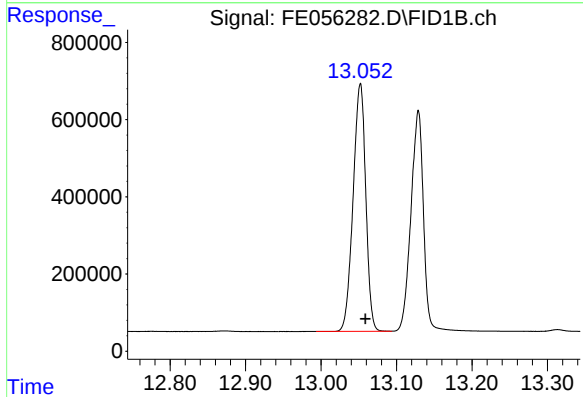
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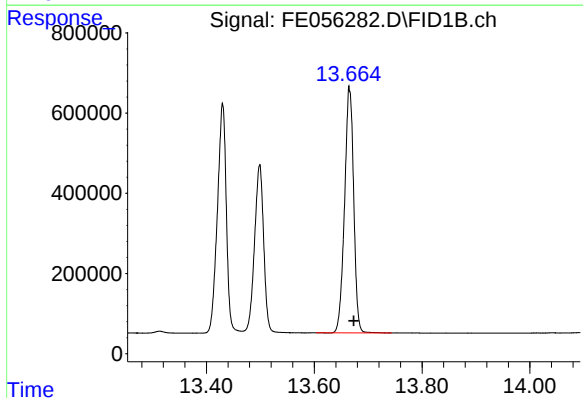
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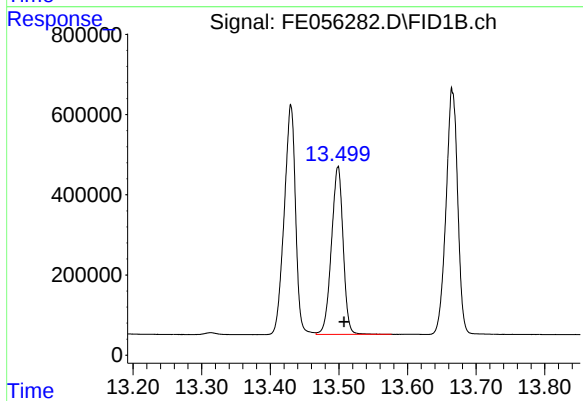
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: -0.007 min
Response: 7475464
Conc: 45.10 ug/ml



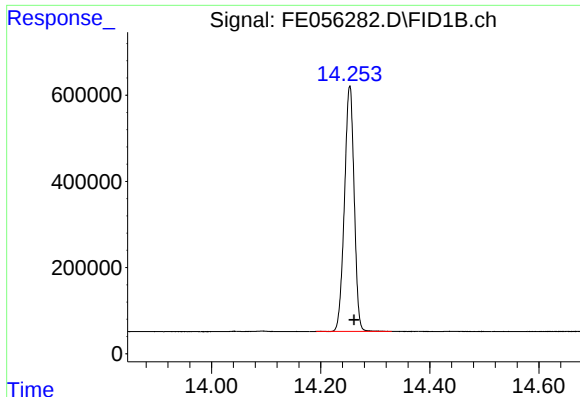
#11 n-Heneicosane (C21)

R.T.: 13.665 min
Delta R.T.: -0.008 min
Response: 7192484
Conc: 44.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.499 min
Delta R.T.: -0.009 min
Response: 4962734
Conc: 35.56 ug/ml



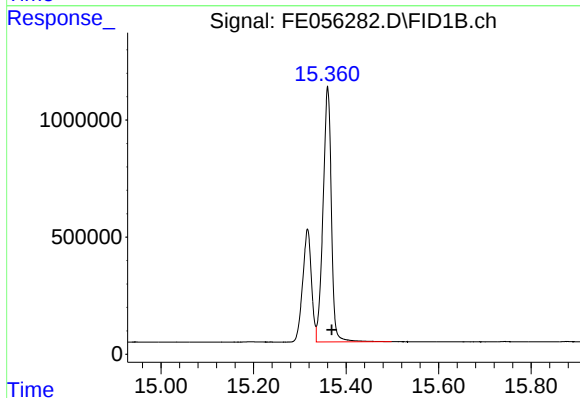
#13 n-Docosane (C22)

R.T.: 14.253 min
Delta R.T.: -0.008 min
Response: 7038831
Conc: 44.05 ug/ml

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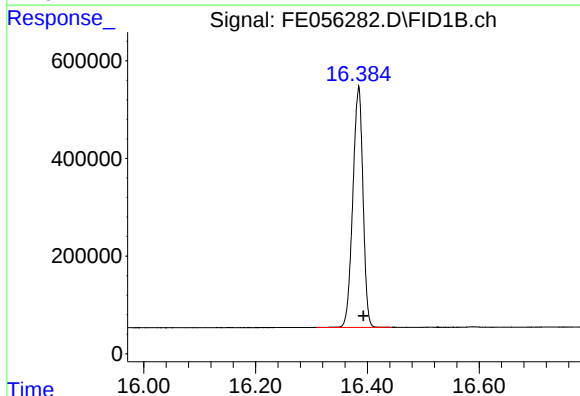
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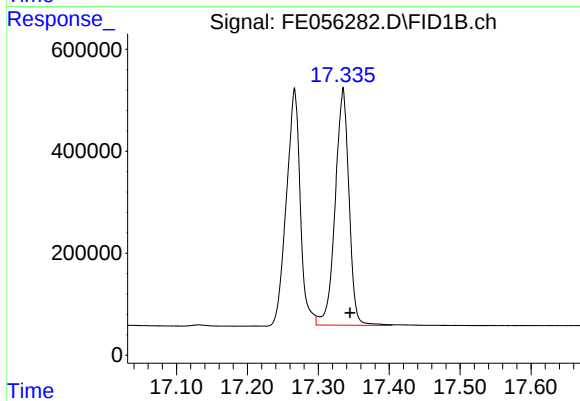
#14 n-Tetracosane (C24)

R.T.: 15.360 min
Delta R.T.: -0.008 min
Response: 13603246
Conc: 89.27 ug/ml



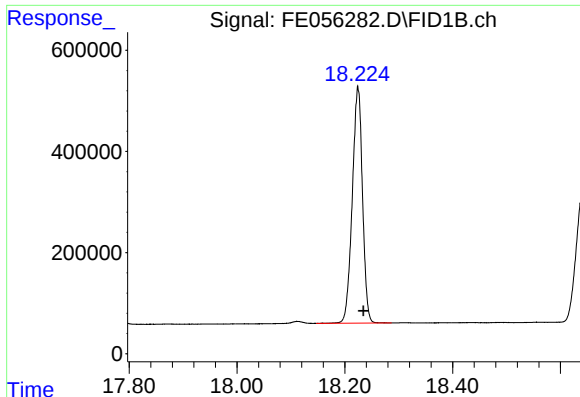
#15 n-Hexacosane (C26)

R.T.: 16.384 min
Delta R.T.: -0.009 min
Response: 6214644
Conc: 43.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.335 min
Delta R.T.: -0.010 min
Response: 6296390
Conc: 45.20 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.224 min
Delta R.T.: -0.010 min
Response: 6138392
Conc: 41.42 ug/ml

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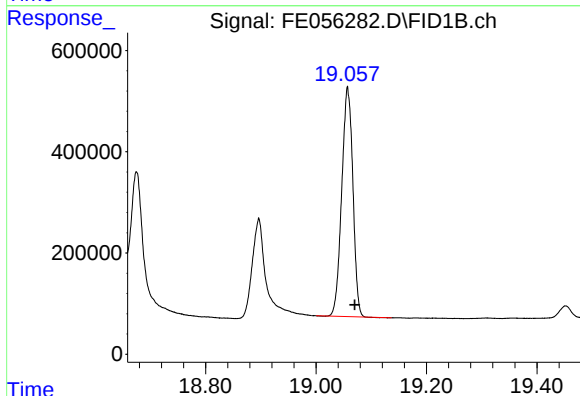
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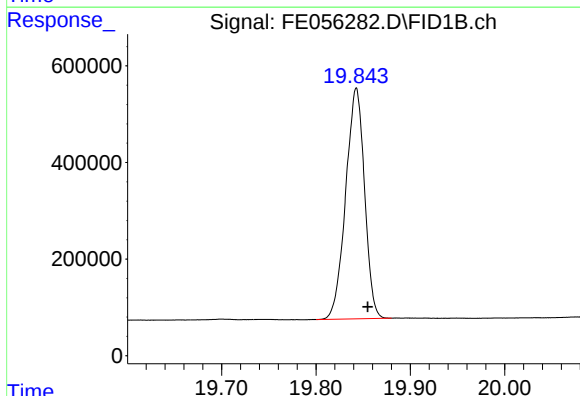
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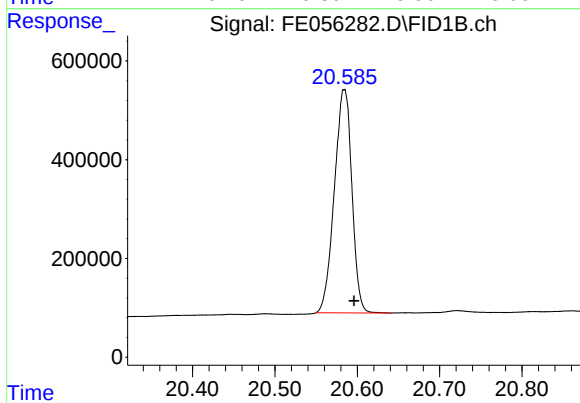
#18 n-Dotriacontane (C32)

R.T.: 19.057 min
Delta R.T.: -0.013 min
Response: 6333579
Conc: 42.45 ug/ml



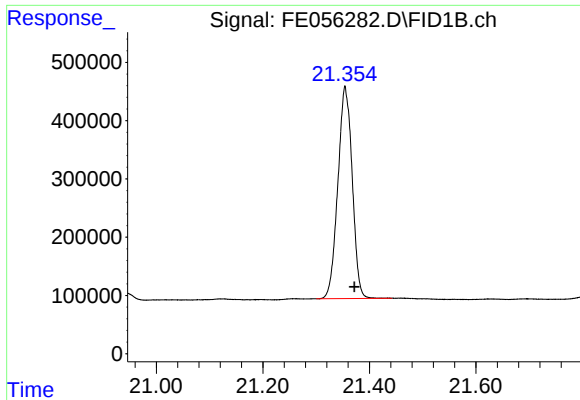
#19 n-Tetratriacontane (C34)

R.T.: 19.843 min
Delta R.T.: -0.012 min
Response: 6620578
Conc: 46.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.584 min
Delta R.T.: -0.012 min
Response: 6687360
Conc: 52.09 ug/ml



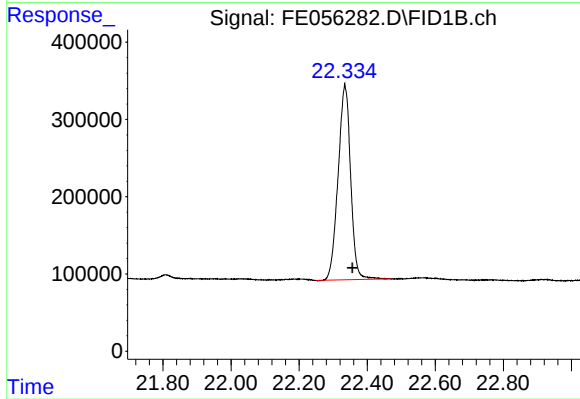
#21 n-Octatriacontane (C38)

R.T.: 21.355 min
Delta R.T.: -0.017 min
Response: 6799884
Conc: 51.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.022 min
Response: 6441756
Conc: 54.15 ug/ml