

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102925AL\
 Data File : FE056553.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2025 07:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File: sample.E
 Quant Time: Oct 30 01:23:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.981	3522336	17.242 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
12) S 1-chlorooctadecane (S...	13.421	2619265	17.166 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
Target Compounds			
1) T n-Nonane (C9)	3.336	2843948	17.448 ug/ml
2) T n-Decane (C10)	4.589	3142152	19.107 ug/ml
3) T A~Naphthalene (C11.7)	6.303	3260690	18.445 ug/ml
4) T n-Dodecane (C12)	6.763	3242043	19.323 ug/ml
5) T A~2-methylnaphthalene...	7.403	3125929	18.760 ug/ml
6) T n-Tetradecane (C14)	8.598	3167016	19.063 ug/ml
7) T n-Hexadecane (C16)	10.212	3242994	18.536 ug/ml
8) T n-Octadecane (C18)	11.660	3272196	17.938 ug/ml
10) T n-Eicosane (C20)	12.974	3102786	17.426 ug/ml
11) T n-Heneicosane (C21)	13.588	3024427	17.238 ug/ml
13) T n-Docosane (C22)	14.176	3018296	17.051 ug/ml
14) T n-Tetracosane (C24)	15.282	3036176	16.688 ug/ml
15) T n-Hexacosane (C26)	16.306	2989119	16.652 ug/ml
16) T n-Octacosane (C28)	17.259	2988130	16.797 ug/ml
17) T n-Tricontane (C30)	18.148	3174195	17.483 ug/ml
18) T n-Dotriacontane (C32)	18.983	3194119	18.118 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2853951	18.436 ug/ml
20) T n-Hexatriacontane (C36)	20.509	2463377	19.717 ug/ml
21) T n-Octatriacontane (C38)	21.266	2239163	21.431 ug/mlm
22) T n-Tetracontane (C40)	22.213	2169464	23.908 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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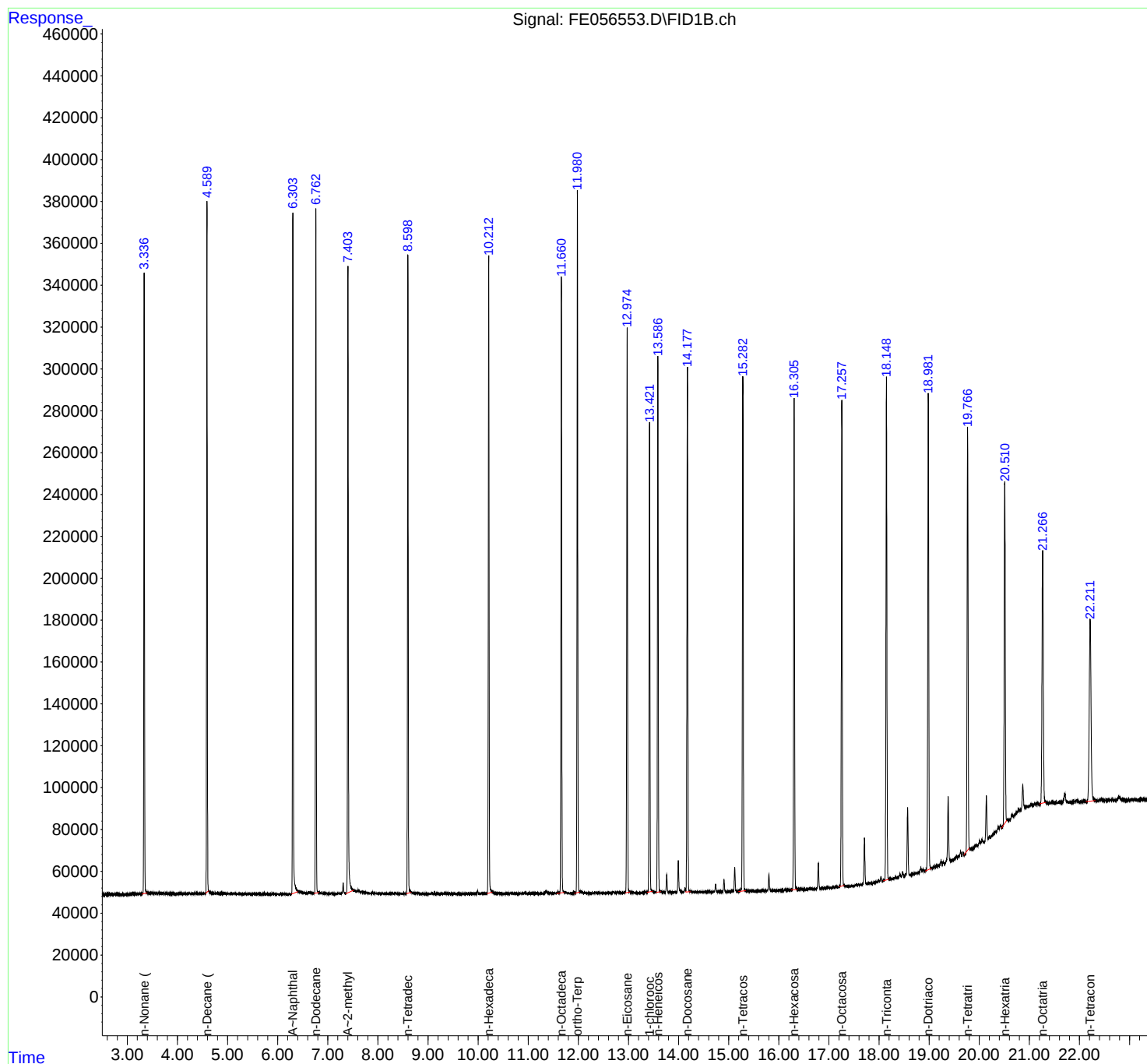
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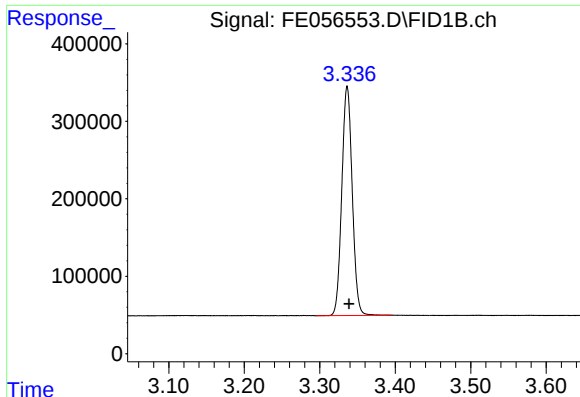
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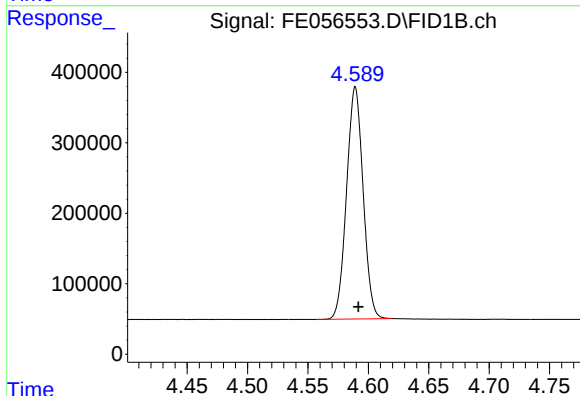
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.003 min
Response: 2843948
Conc: 17.45 ug/ml

Instrument :
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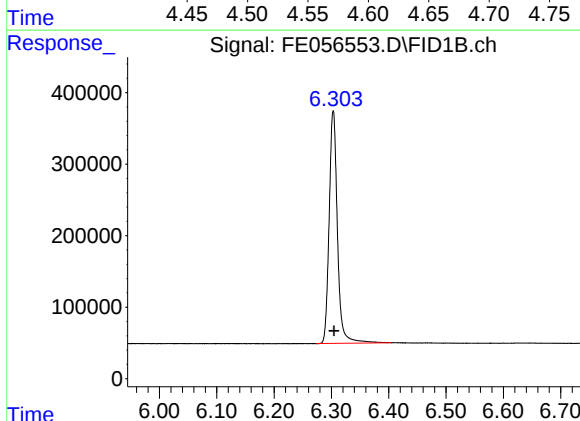
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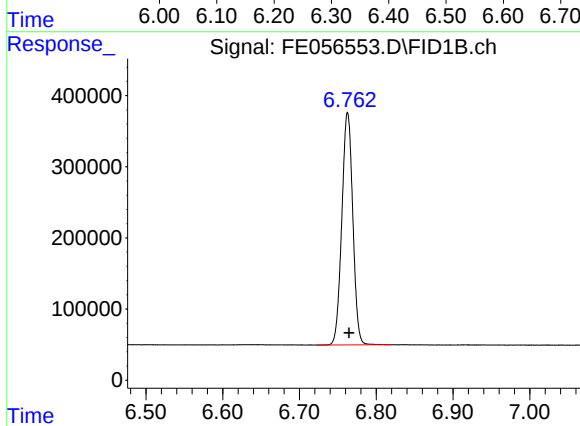
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 3142152
Conc: 19.11 ug/ml



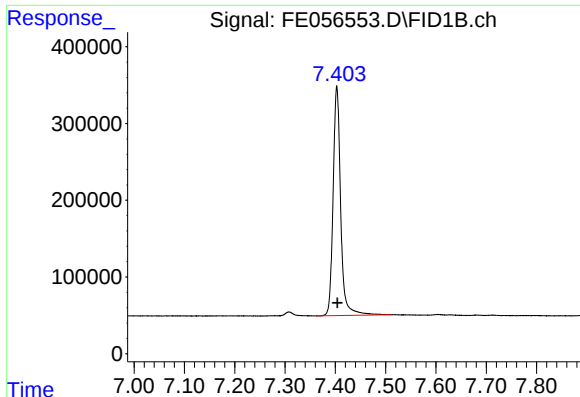
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.001 min
Response: 3260690
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 3242043
Conc: 19.32 ug/ml



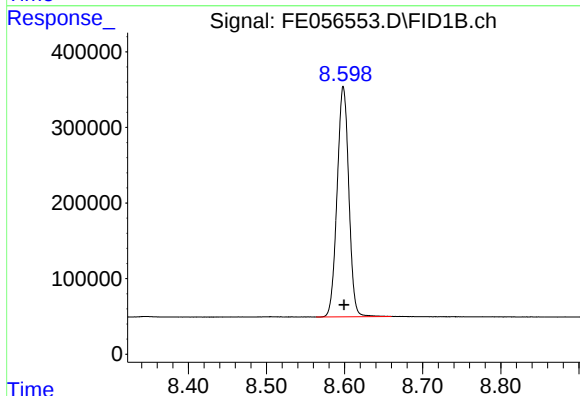
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 3125929
Conc: 18.76 ug/ml

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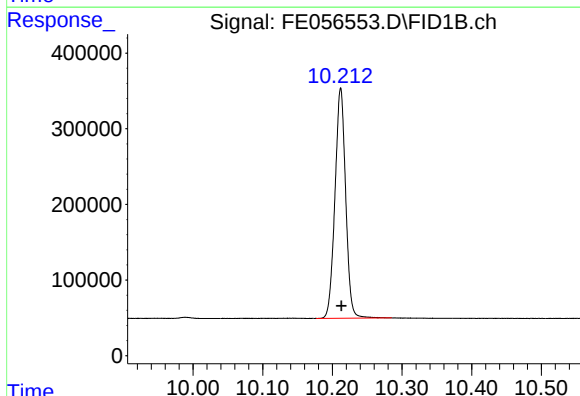
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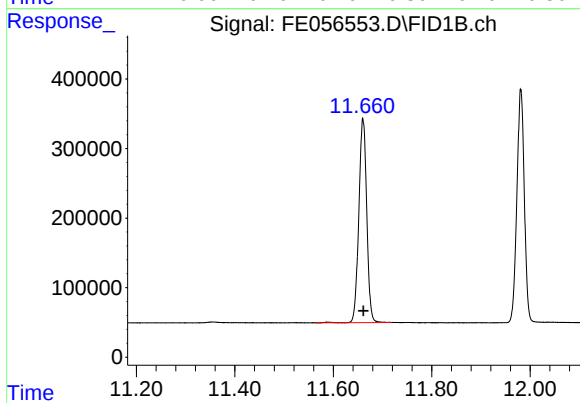
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 3167016
Conc: 19.06 ug/ml



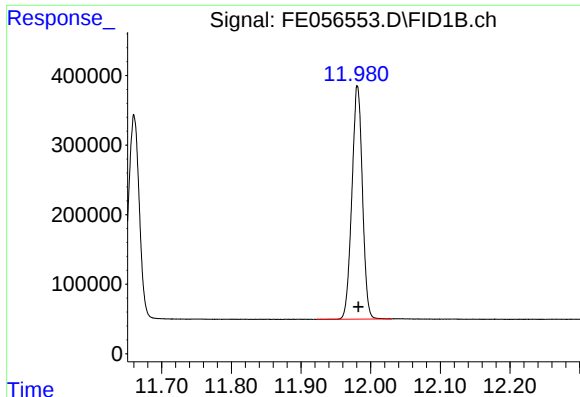
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.001 min
Response: 3242994
Conc: 18.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 3272196
Conc: 17.94 ug/ml



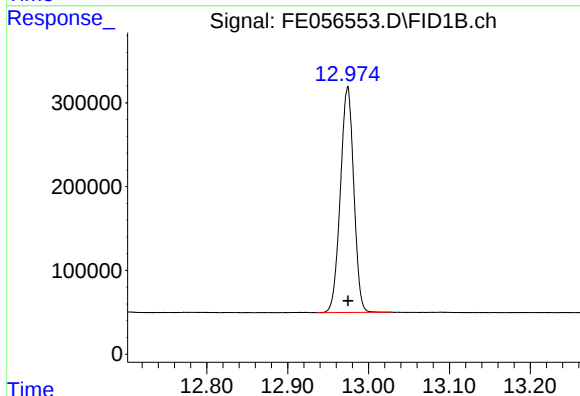
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: -0.001 min
Response: 3522336
Conc: 17.24 ug/ml

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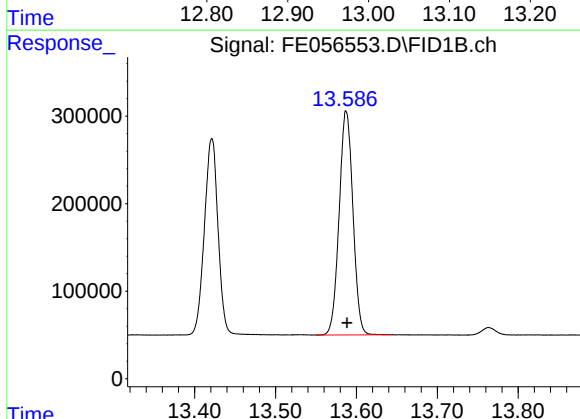
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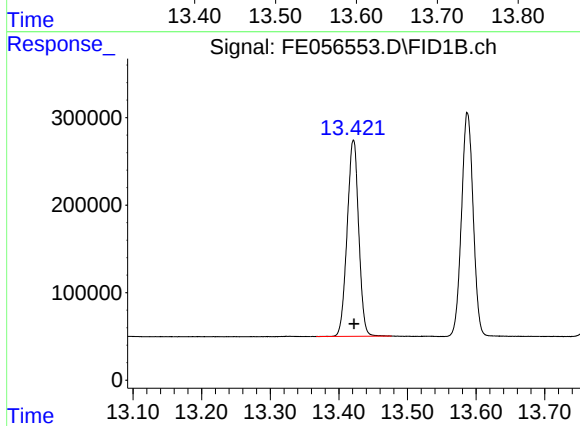
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 3102786
Conc: 17.43 ug/ml



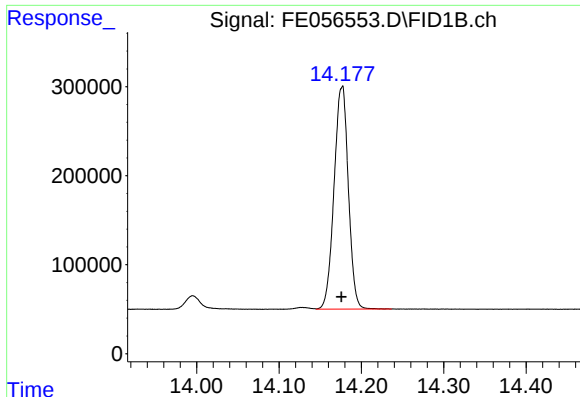
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.000 min
Response: 3024427
Conc: 17.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: -0.001 min
Response: 2619265
Conc: 17.17 ug/ml



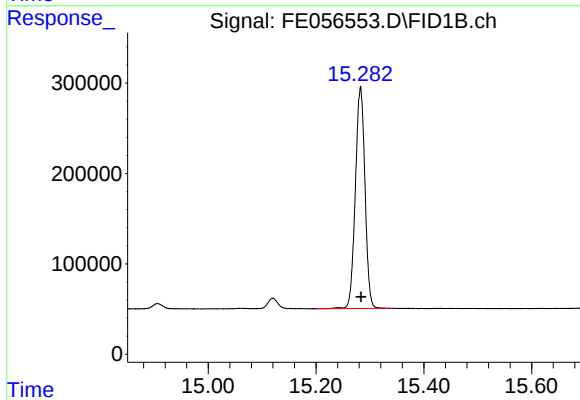
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.000 min
Response: 3018296
Conc: 17.05 ug/ml

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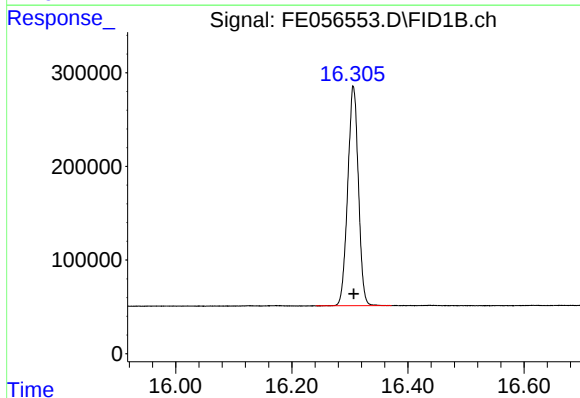
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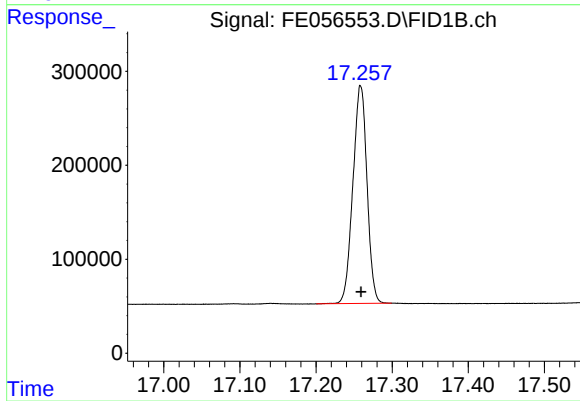
#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: 0.000 min
Response: 3036176
Conc: 16.69 ug/ml



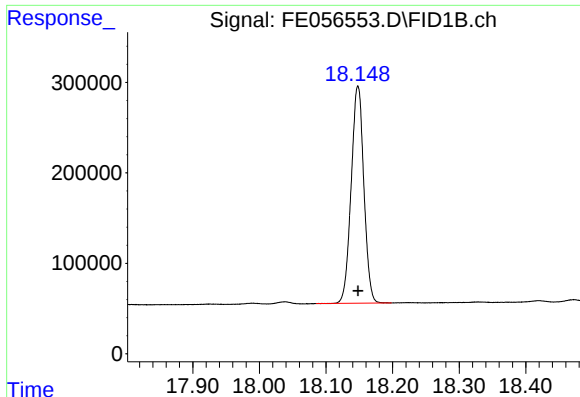
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 2989119
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.259 min
Delta R.T.: 0.000 min
Response: 2988130
Conc: 16.80 ug/ml



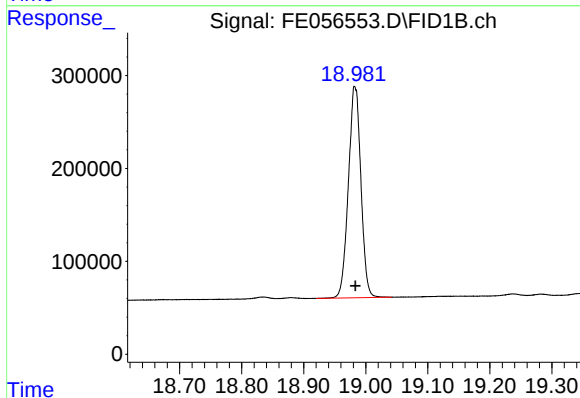
#17 n-Tricontane (C30)

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 3174195
Conc: 17.48 ug/ml

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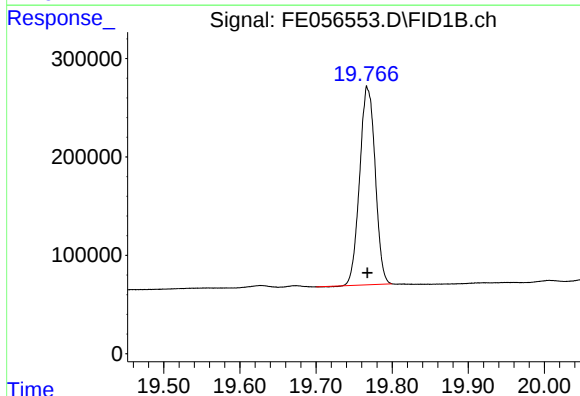
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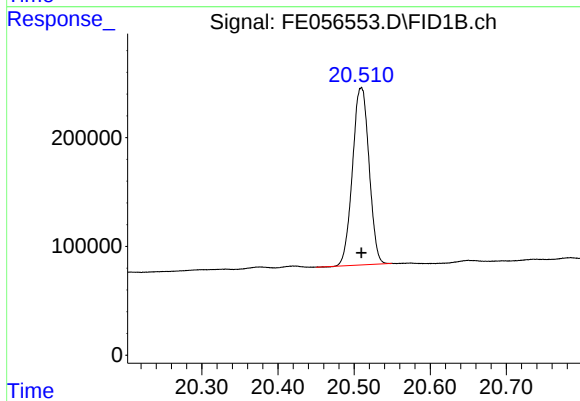
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 3194119
Conc: 18.12 ug/ml



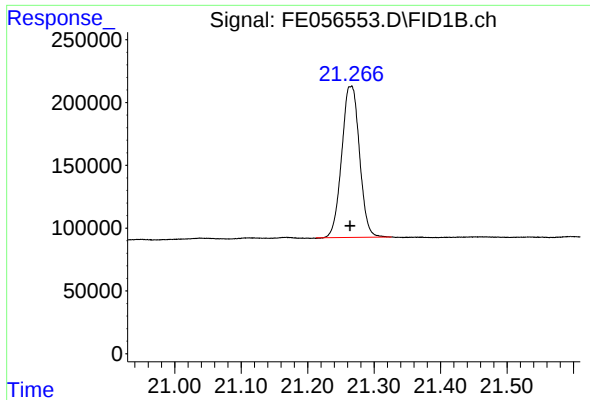
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 2853951
Conc: 18.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.509 min
Delta R.T.: 0.000 min
Response: 2463377
Conc: 19.72 ug/ml



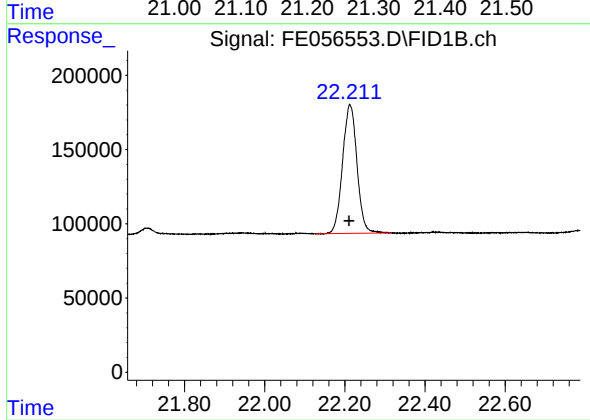
#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: 0.002 min
Response: 2239163
Conc: 21.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.213 min
Delta R.T.: 0.003 min
Response: 2169464
Conc: 23.91 ug/ml