

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082625AL\
 Data File : FE055493.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2025 07:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 26 11:00:54 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)	12.084	2840672	19.892 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	13.521	2179635	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.417	2100912	18.305 ug/ml
2) T n-Decane (C10)	4.676	2170990	18.636 ug/ml
3) T A~Naphthalene (C11.7)	6.398	2488683	18.540 ug/ml
4) T n-Dodecane (C12)	6.853	2228883	18.717 ug/ml
5) T A~2-methylnaphthalene...	7.500	2435075	18.676 ug/ml
6) T n-Tetradecane (C14)	8.691	2262840	18.456 ug/ml
7) T n-Hexadecane (C16)	10.307	2401420	18.784 ug/ml
8) T n-Octadecane (C18)	11.757	2530834	19.397 ug/ml
10) T n-Eicosane (C20)	13.071	2491894	19.860 ug/ml
11) T n-Heneicosane (C21)	13.686	2474480	20.074 ug/ml
13) T n-Docosane (C22)	14.274	2493113	20.415 ug/ml
14) T n-Tetracosane (C24)	15.381	2528071	20.784 ug/ml
15) T n-Hexacosane (C26)	16.406	2476003	20.695 ug/ml
16) T n-Octacosane (C28)	17.359	2503062	21.101 ug/ml
17) T n-Tricontane (C30)	18.250	2691679	21.875 ug/ml
18) T n-Dotriacontane (C32)	19.083	2791757	22.881 ug/ml
19) T n-Tetratriacontane (C34)	19.869	2680268	22.924 ug/ml
20) T n-Hexatriacontane (C36)	20.609	2461923	22.525 ug/ml
21) T n-Octatriacontane (C38)	21.391	2313625	21.408 ug/ml
22) T n-Tetracontane (C40)	22.379	2211417	21.147 ug/ml

(f)=RT Delta > 1/2 Window

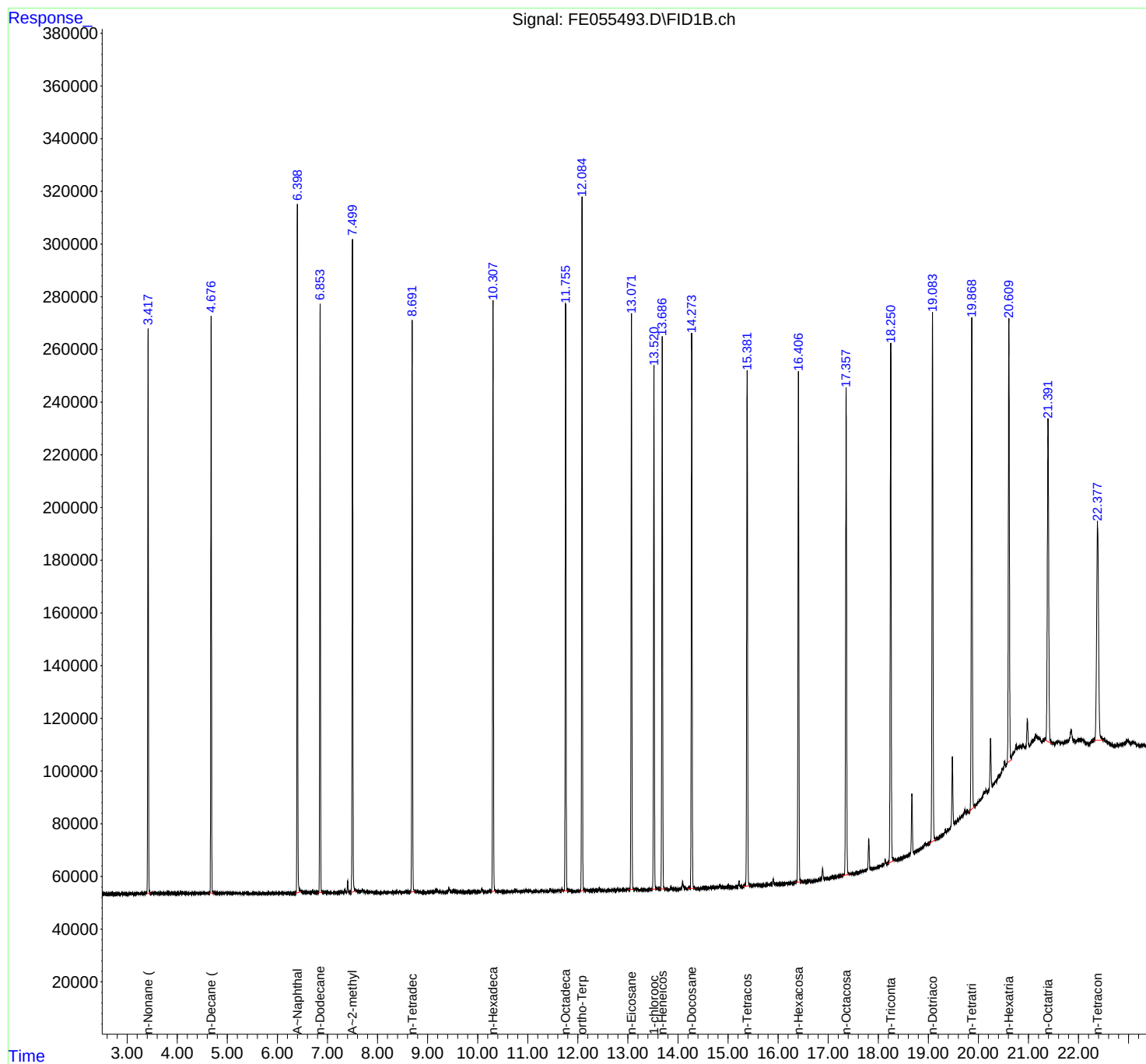
(m)=manual int.

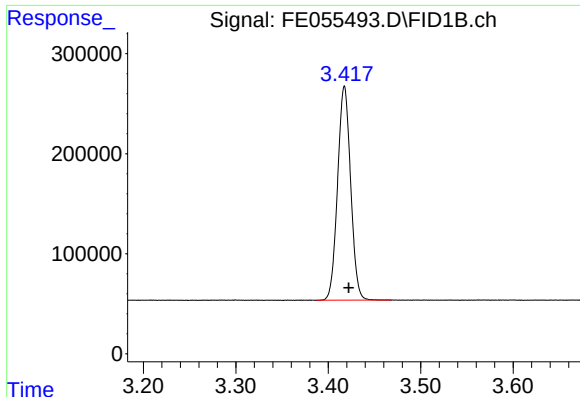
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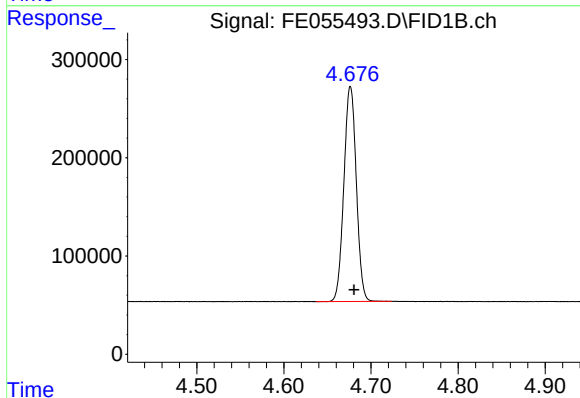




#1 n-Nonane (C9)

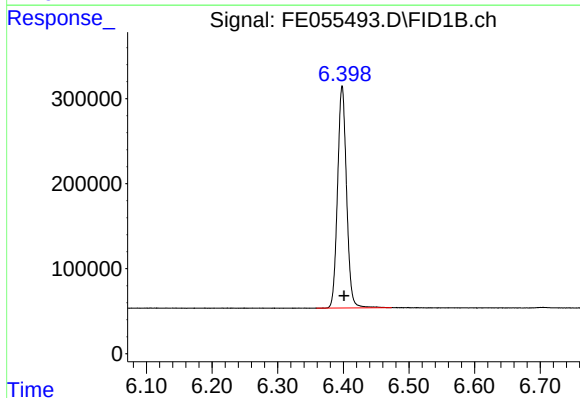
R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 2100912
Conc: 18.31 ug/ml

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20 PPM ALIPHATIC HC STD



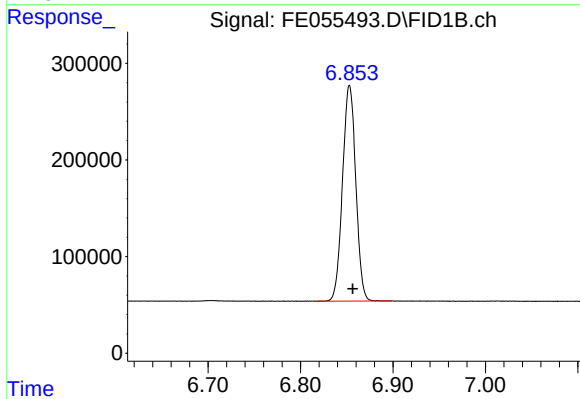
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.004 min
Response: 2170990
Conc: 18.64 ug/ml



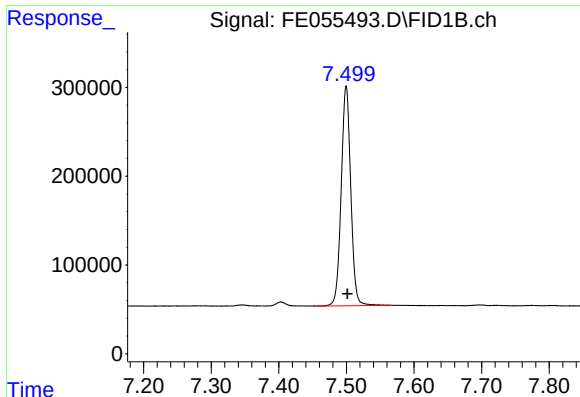
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 2488683
Conc: 18.54 ug/ml



#4 n-Dodecane (C12)

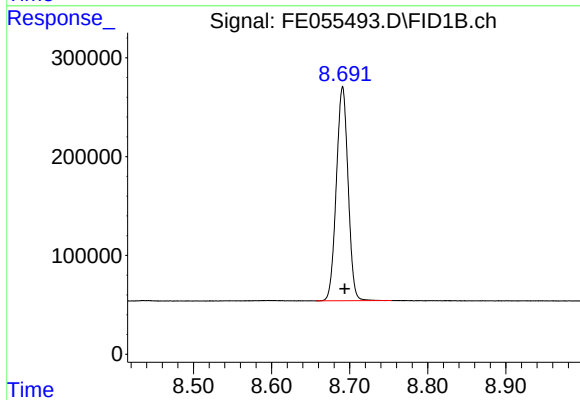
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 2228883
Conc: 18.72 ug/ml



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

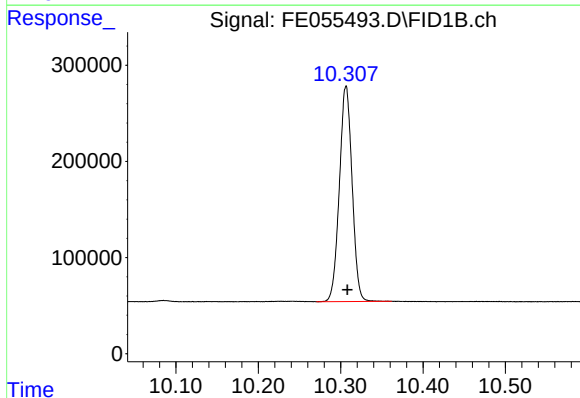
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 2435075
Conc: 18.68 ug/ml

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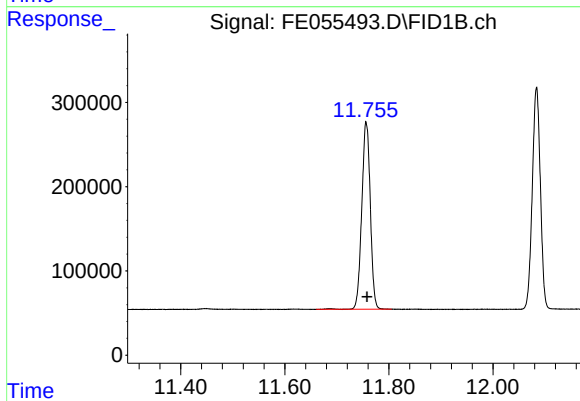
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 2262840
Conc: 18.46 ug/ml



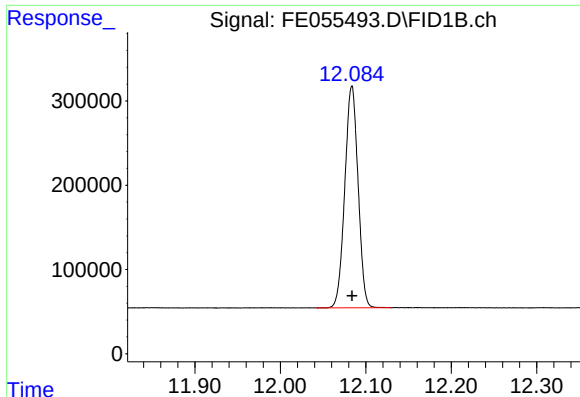
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 2401420
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

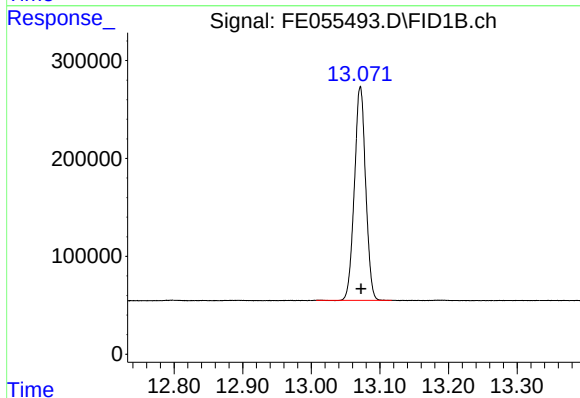
R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 2530834
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

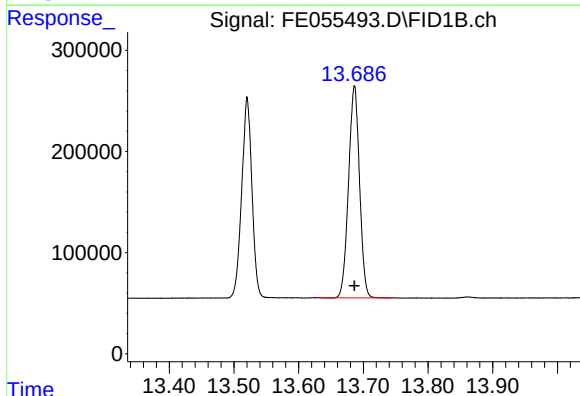
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 2840672
Conc: 19.89 ug/ml

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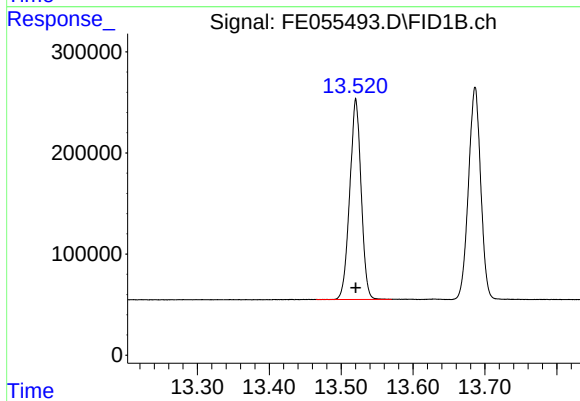
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 2491894
Conc: 19.86 ug/ml



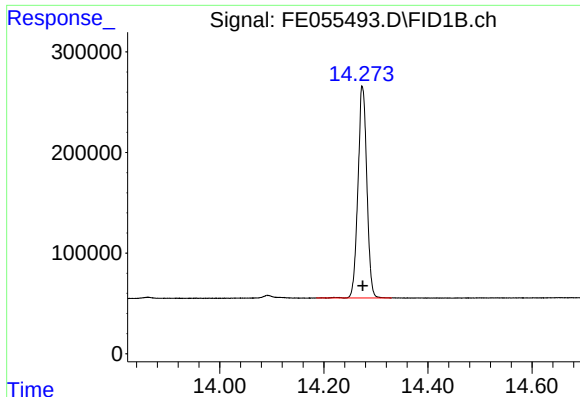
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2474480
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

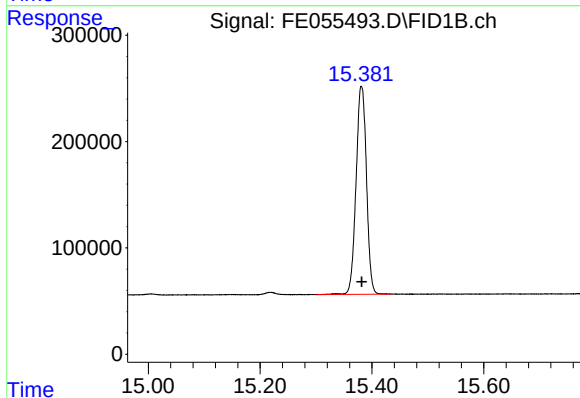
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2179635
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

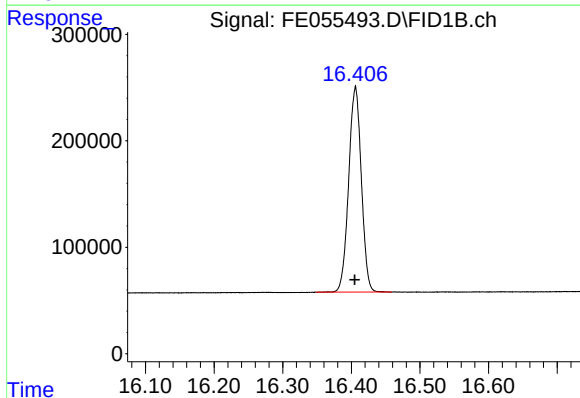
R.T.: 14.274 min
Delta R.T.: 0.000 min
Response: 2493113
Conc: 20.42 ug/ml

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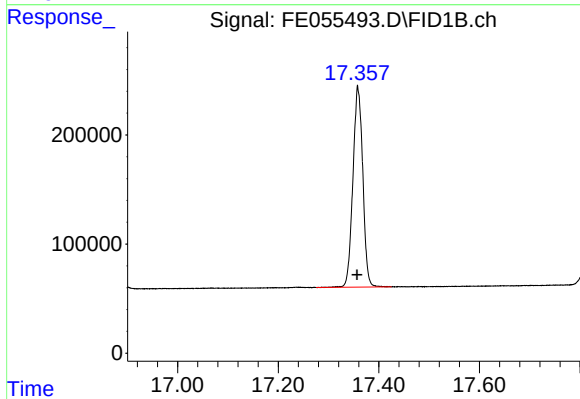
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 2528071
Conc: 20.78 ug/ml



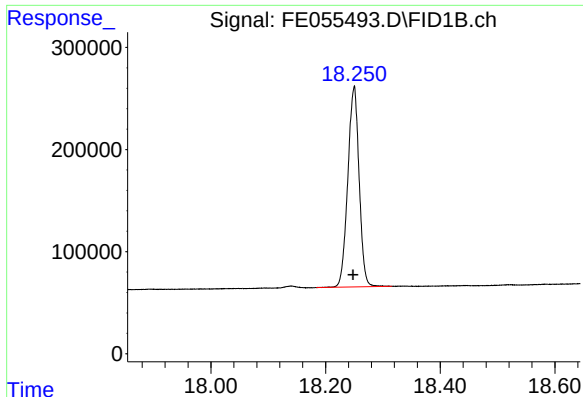
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.000 min
Response: 2476003
Conc: 20.69 ug/ml



#16 n-Octacosane (C28)

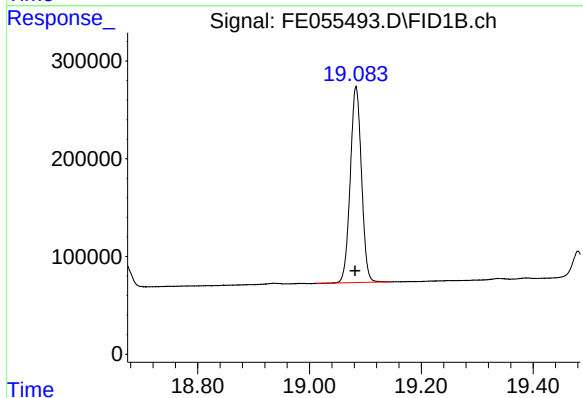
R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 2503062
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

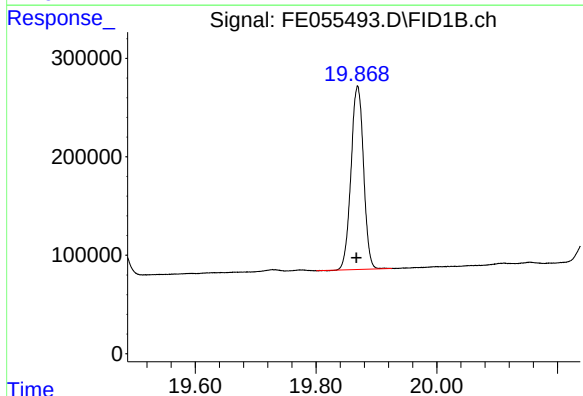
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 2691679
Conc: 21.87 ug/ml

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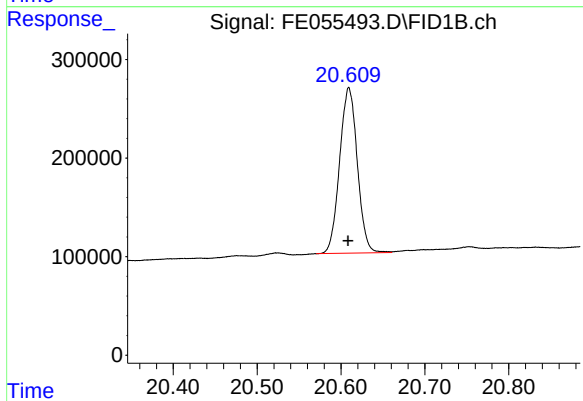
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 2791757
Conc: 22.88 ug/ml



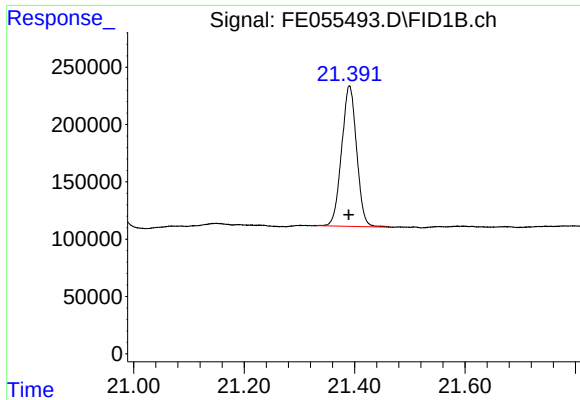
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.002 min
Response: 2680268
Conc: 22.92 ug/ml



#20 n-Hexatriacontane (C36)

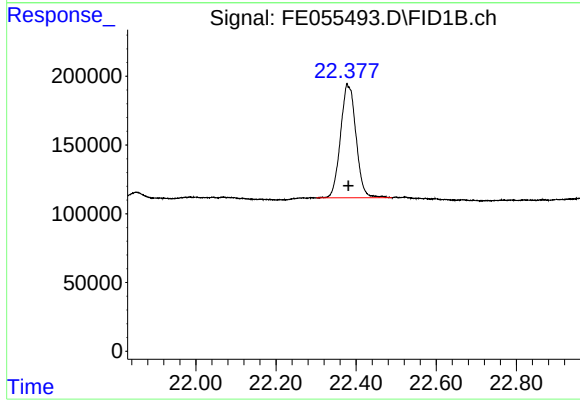
R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2461923
Conc: 22.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.001 min
Response: 2313625
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.379 min
Delta R.T.: -0.002 min
Response: 2211417
Conc: 21.15 ug/ml