

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
 Data File : FE055046.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2025 14:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 29 02:37:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.088	2874927	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	13.525	2148917	19.190 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.424	2304002	18.977 ug/ml
2) T n-Decane (C10)	4.683	2363550	19.096 ug/ml
3) T A~Naphthalene (C11.7)	6.403	2731816	19.193 ug/ml
4) T n-Dodecane (C12)	6.859	2430471	19.176 ug/ml
5) T A~2-methylnaphthalene...	7.504	2651865	19.192 ug/ml
6) T n-Tetradecane (C14)	8.696	2491419	18.974 ug/ml
7) T n-Hexadecane (C16)	10.312	2601493	19.339 ug/ml
8) T n-Octadecane (C18)	11.762	2646065	19.442 ug/ml
10) T n-Eicosane (C20)	13.077	2533142	19.465 ug/ml
11) T n-Heneicosane (C21)	13.691	2481800	19.516 ug/ml
13) T n-Docosane (C22)	14.280	2466342	19.545 ug/ml
14) T n-Tetracosane (C24)	15.386	2485220	19.830 ug/ml
15) T n-Hexacosane (C26)	16.409	2452899	19.854 ug/ml
16) T n-Octacosane (C28)	17.362	2430618	19.607 ug/ml
17) T n-Tricontane (C30)	18.252	2502294	19.095 ug/ml
18) T n-Dotriacontane (C32)	19.086	2462554	18.887 ug/ml
19) T n-Tetratriacontane (C34)	19.871	2345830	18.922 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2159163	18.795 ug/ml
21) T n-Octatriacontane (C38)	21.395	2066492	18.387 ug/ml
22) T n-Tetracontane (C40)	22.388	2033100	18.438 ug/ml

(f)=RT Delta > 1/2 Window

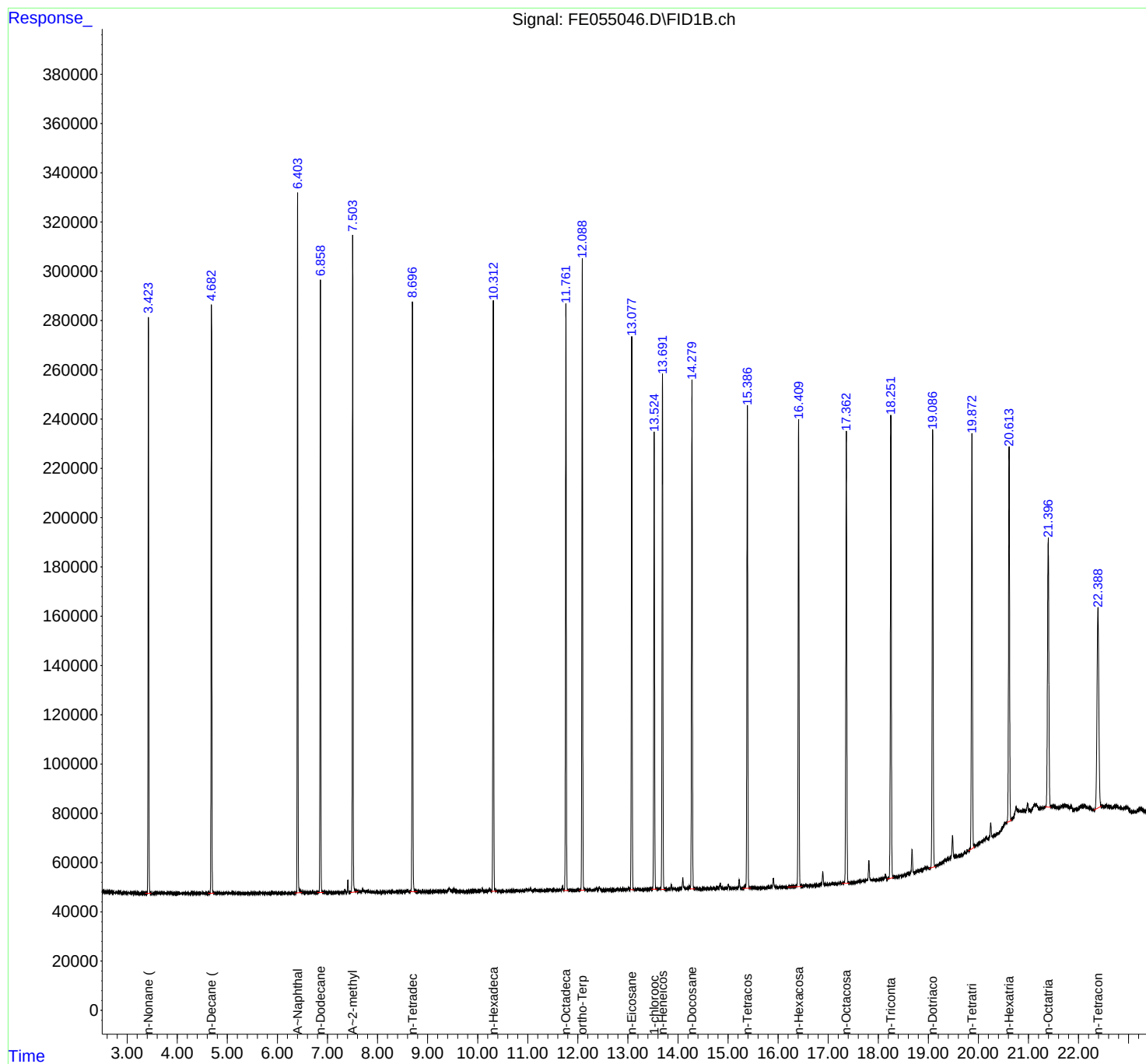
(m)=manual int.

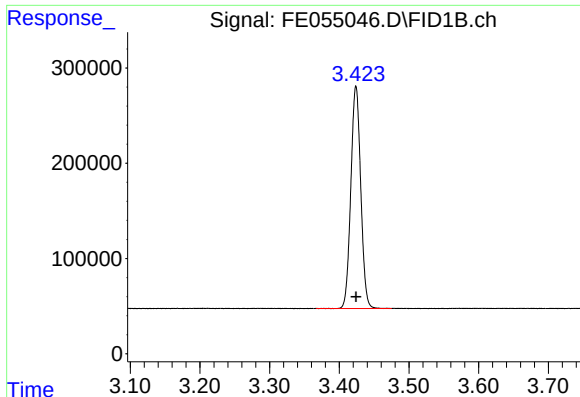
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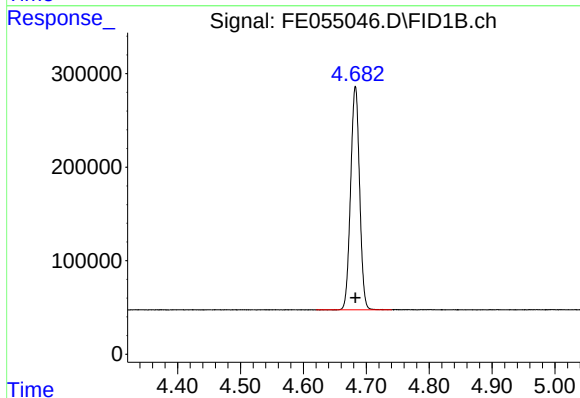




#1 n-Nonane (C9)

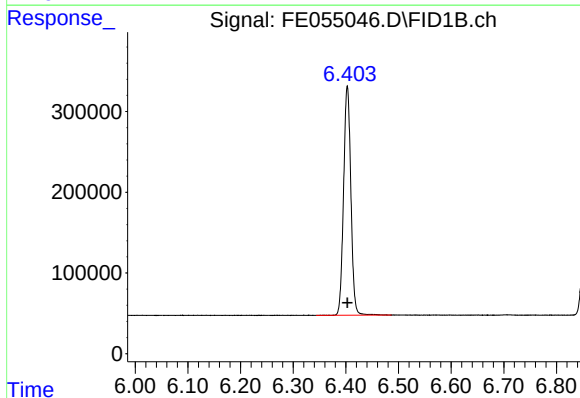
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 2304002
Conc: 18.98 ug/ml

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20 PPM ALIPHATIC HC STD



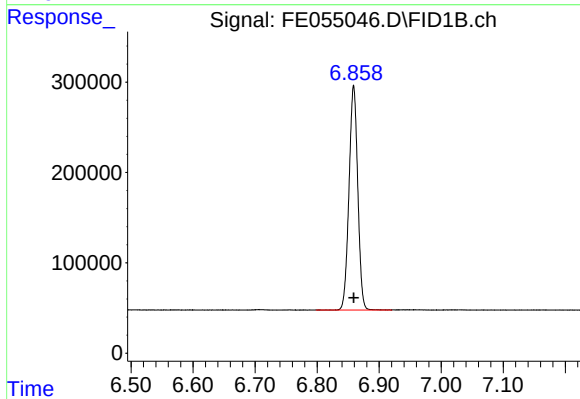
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 2363550
Conc: 19.10 ug/ml



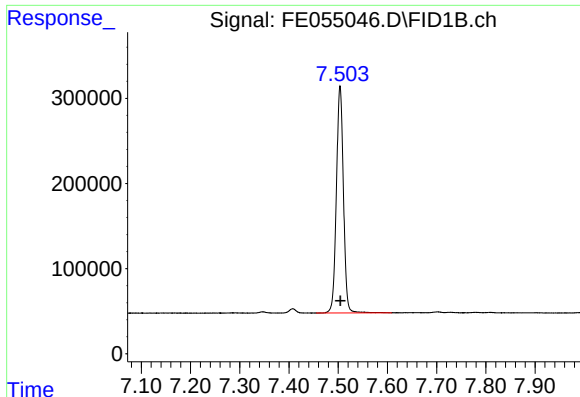
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2731816
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

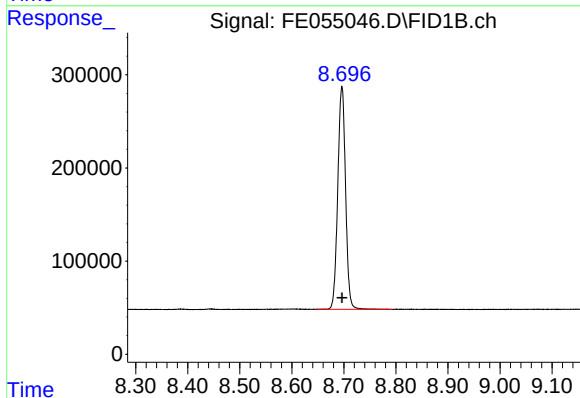
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2430471
Conc: 19.18 ug/ml



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

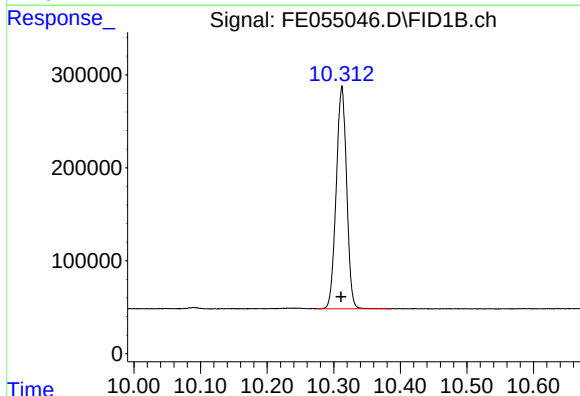
R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 2651865
Conc: 19.19 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



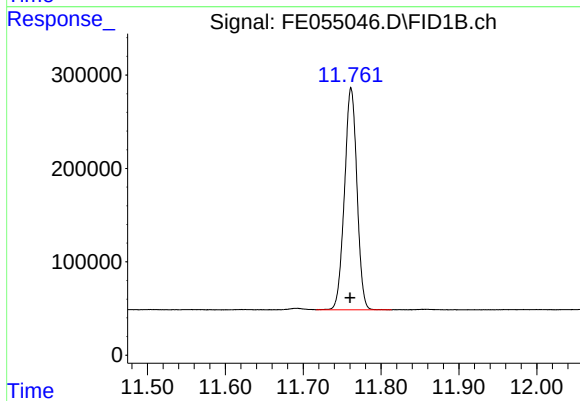
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 2491419
Conc: 18.97 ug/ml



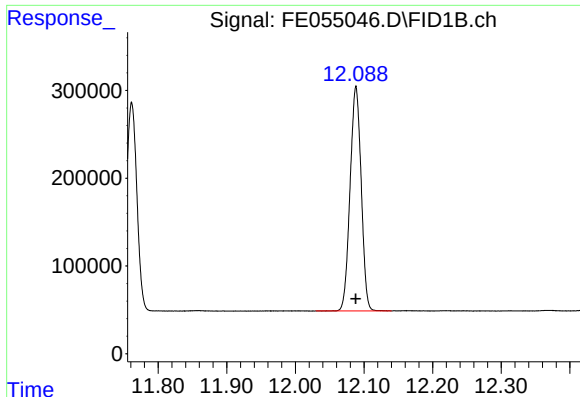
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.000 min
Response: 2601493
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

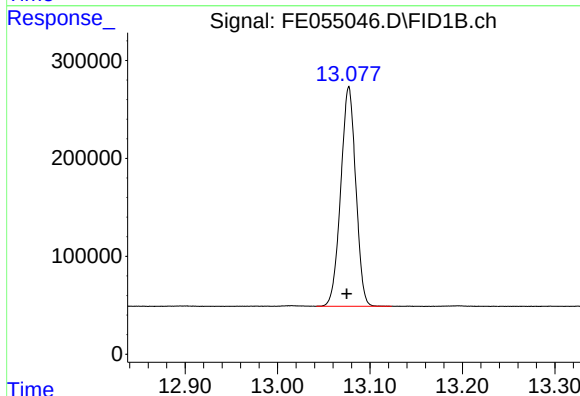
R.T.: 11.762 min
Delta R.T.: 0.001 min
Response: 2646065
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

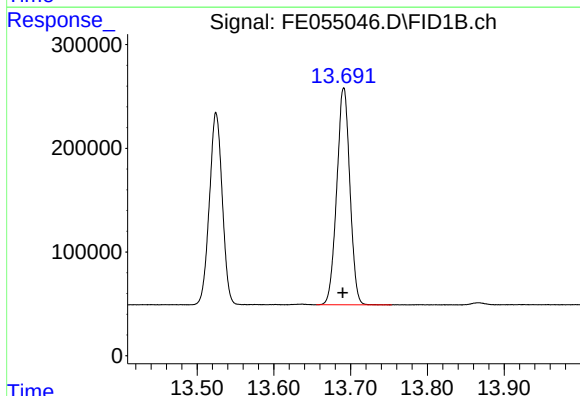
R.T.: 12.088 min
Delta R.T.: 0.000 min
Response: 2874927
Conc: 19.42 ug/ml

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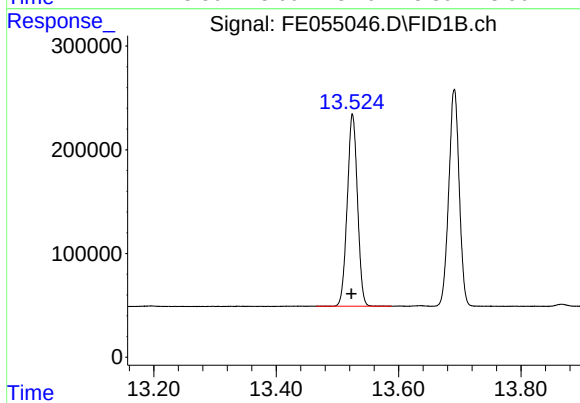
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.002 min
Response: 2533142
Conc: 19.47 ug/ml



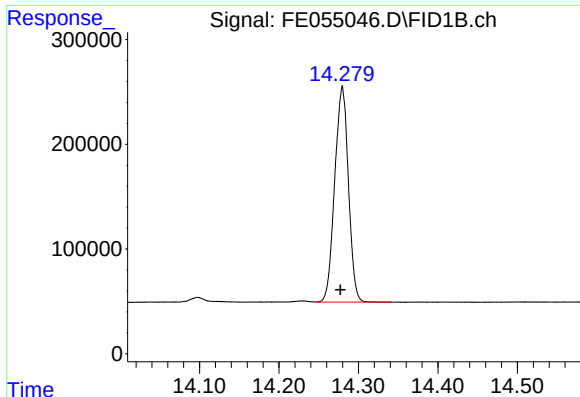
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.001 min
Response: 2481800
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

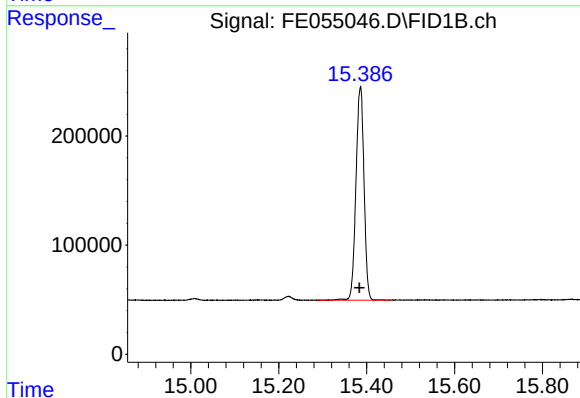
R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 2148917
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

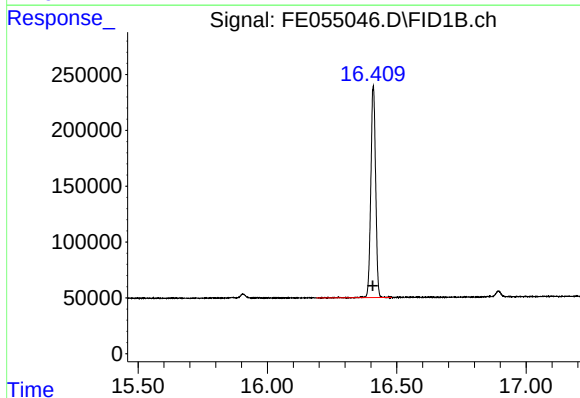
R.T.: 14.280 min
Delta R.T.: 0.002 min
Response: 2466342
Conc: 19.54 ug/ml

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20 PPM ALIPHATIC HC STD



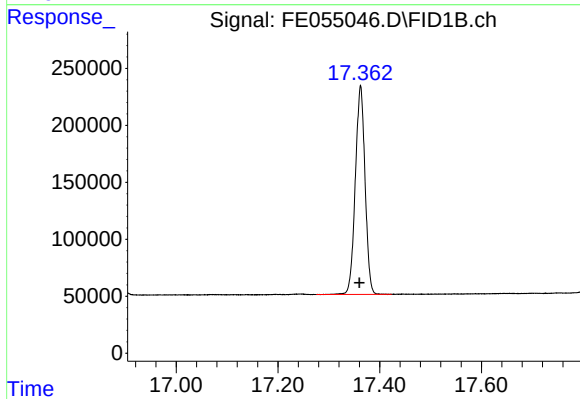
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.002 min
Response: 2485220
Conc: 19.83 ug/ml



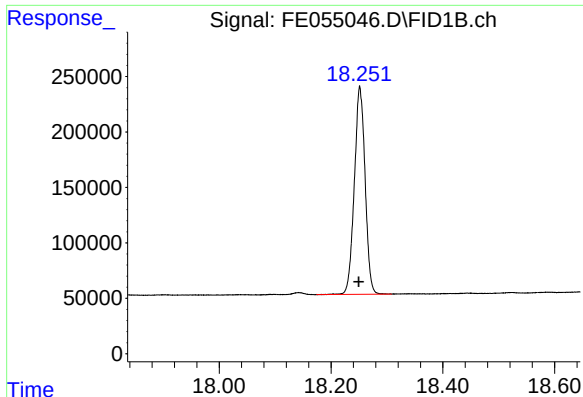
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.002 min
Response: 2452899
Conc: 19.85 ug/ml



#16 n-Octacosane (C28)

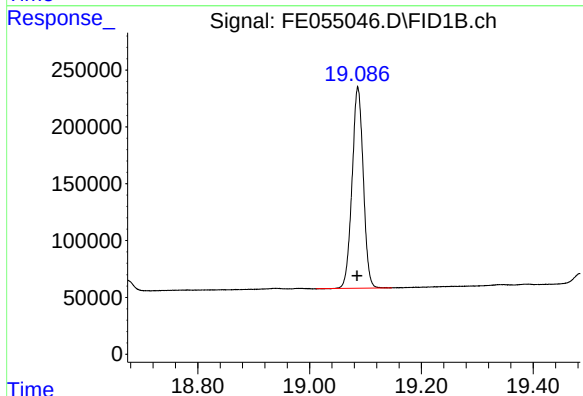
R.T.: 17.362 min
Delta R.T.: 0.002 min
Response: 2430618
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

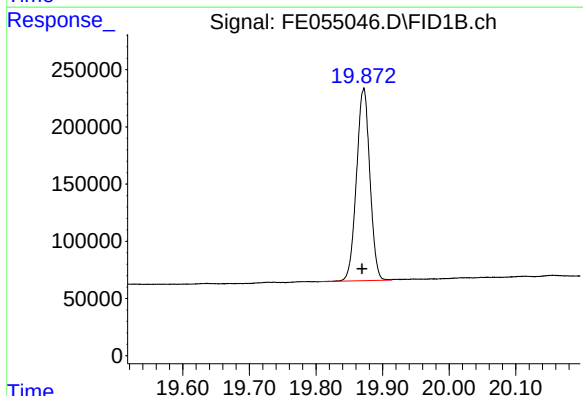
R.T.: 18.252 min
Delta R.T.: 0.002 min
Response: 2502294
Conc: 19.09 ug/ml

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20 PPM ALIPHATIC HC STD



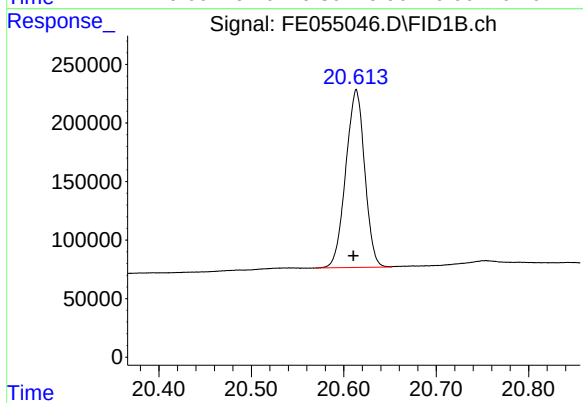
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.002 min
Response: 2462554
Conc: 18.89 ug/ml



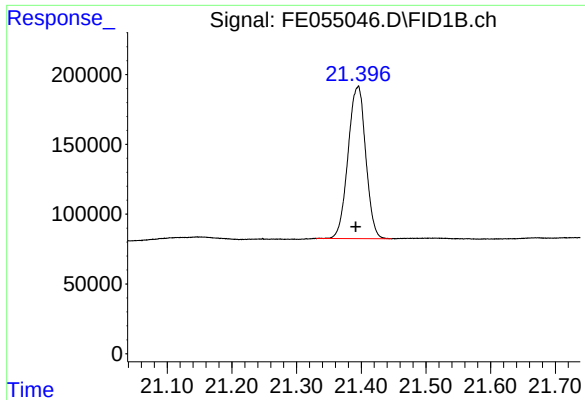
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.002 min
Response: 2345830
Conc: 18.92 ug/ml



#20 n-Hexatriacontane (C36)

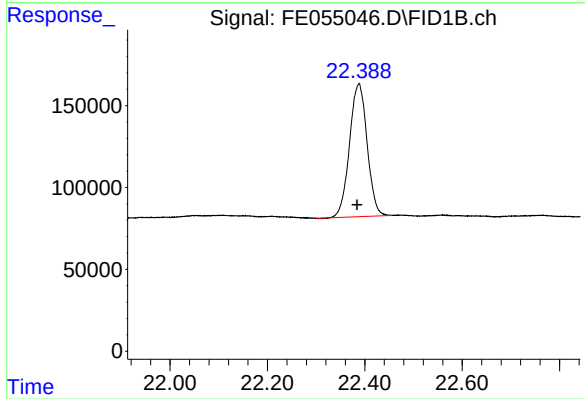
R.T.: 20.613 min
Delta R.T.: 0.003 min
Response: 2159163
Conc: 18.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.003 min
Response: 2066492
Conc: 18.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: 0.003 min
Response: 2033100
Conc: 18.44 ug/ml