

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072525AL\
 Data File : FE055021.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 10:51
 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: autoint1.e
 Quant Time: Jul 26 00:06:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.092	3185661	19.617 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	13.528	2406201	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.426	2500229	18.588 ug/ml
2) T n-Decane (C10)	4.685	2636878	19.325 ug/ml
3) T A~Naphthalene (C11.7)	6.406	3036418	20.054 ug/ml
4) T n-Dodecane (C12)	6.861	2718848	19.816 ug/ml
5) T A~2-methylnaphthalene...	7.507	2966521	20.180 ug/ml
6) T n-Tetradecane (C14)	8.699	2787450	20.108 ug/ml
7) T n-Hexadecane (C16)	10.315	2894870	20.313 ug/ml
8) T n-Octadecane (C18)	11.765	2926284	19.967 ug/ml
10) T n-Eicosane (C20)	13.080	2794232	19.432 ug/ml
11) T n-Heneicosane (C21)	13.695	2737880	19.168 ug/ml
13) T n-Docosane (C22)	14.283	2719353	19.045 ug/ml
14) T n-Tetracosane (C24)	15.390	2720174	18.713 ug/ml
15) T n-Hexacosane (C26)	16.413	2695909	18.629 ug/ml
16) T n-Octacosane (C28)	17.365	2701642	18.538 ug/ml
17) T n-Tricontane (C30)	18.256	2911760	18.478 ug/ml
18) T n-Dotriacontane (C32)	19.091	2936255	18.149 ug/ml
19) T n-Tetratriacontane (C34)	19.876	2785781	18.280 ug/ml
20) T n-Hexatriacontane (C36)	20.617	2526515	18.791 ug/ml
21) T n-Octatriacontane (C38)	21.399	2580694	22.004 ug/ml
22) T n-Tetracontane (C40)	22.394	2286692	21.098 ug/ml

(f)=RT Delta > 1/2 Window

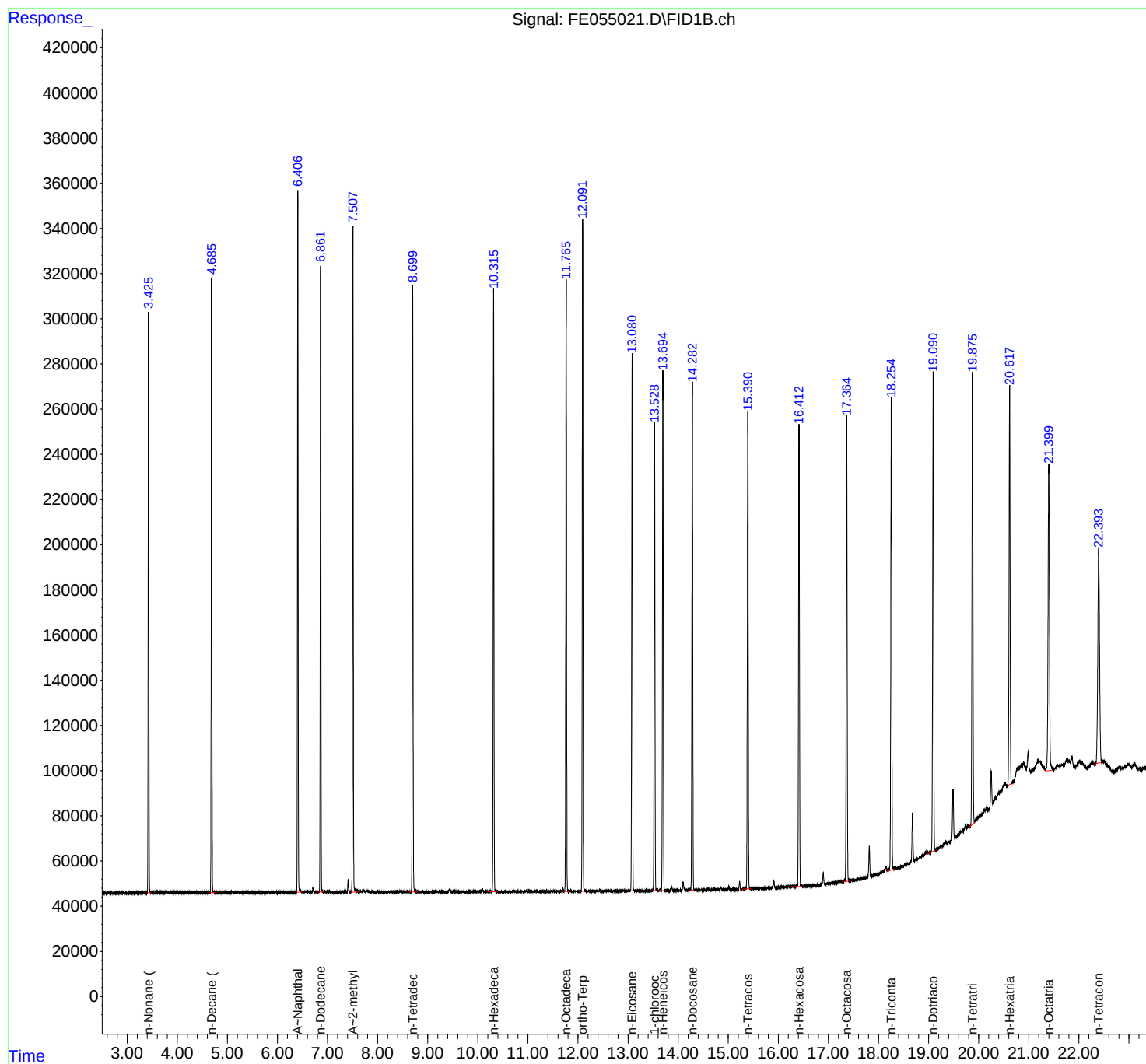
(m)=manual int.

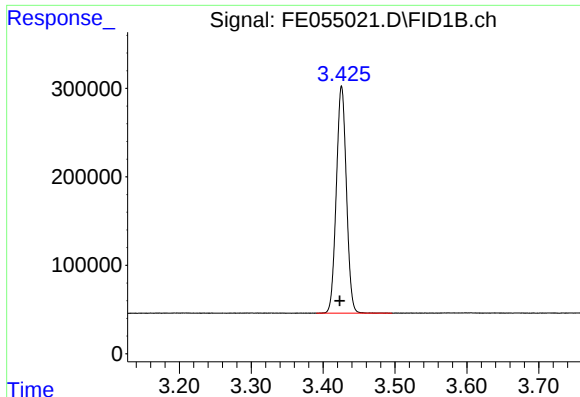
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072525AL\
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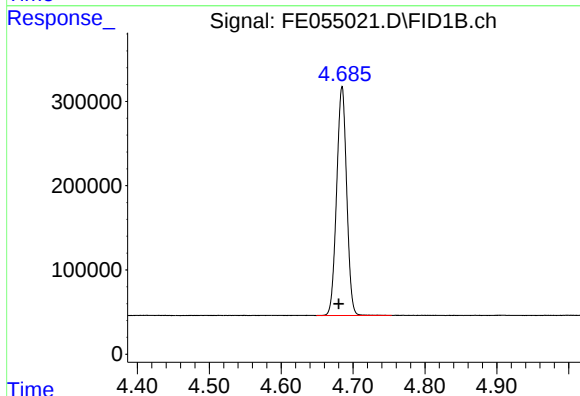




#1 n-Nonane (C9)

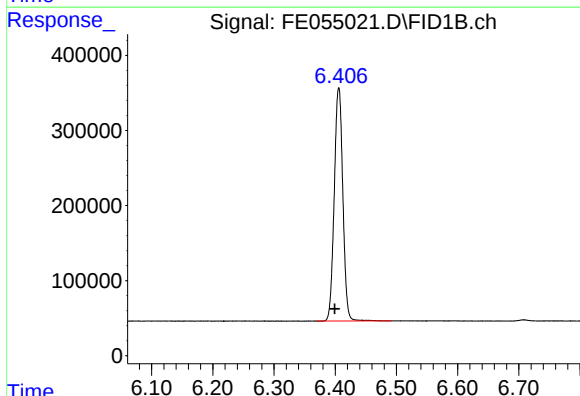
R.T.: 3.426 min
Delta R.T.: 0.003 min
Response: 2500229
Conc: 18.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



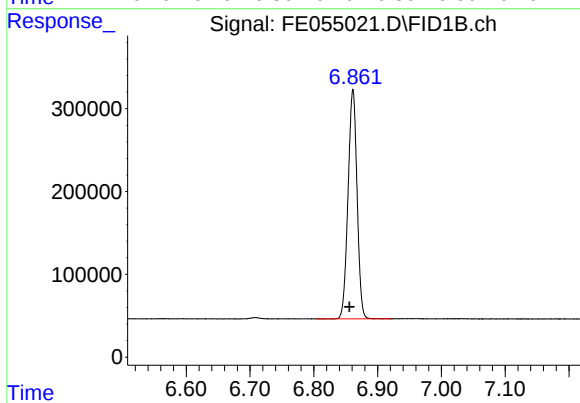
#2 n-Decane (C10)

R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 2636878
Conc: 19.32 ug/ml



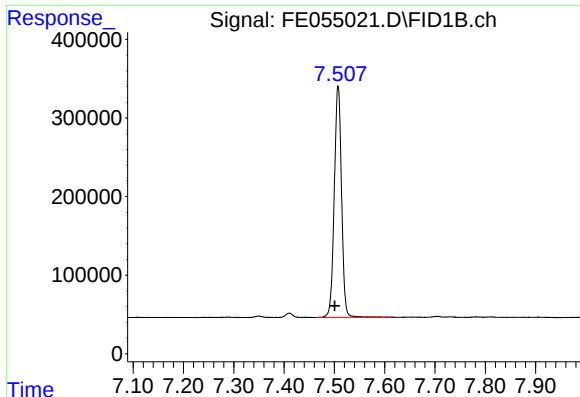
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 3036418
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

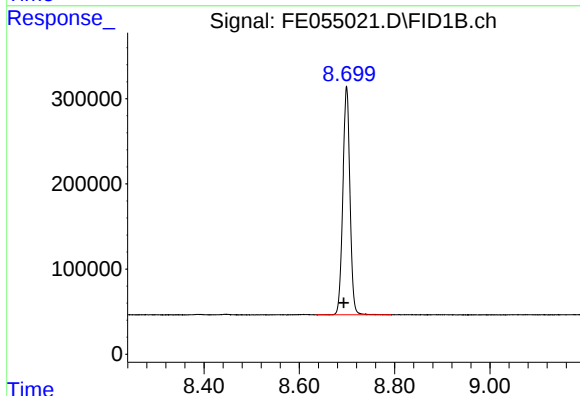
R.T.: 6.861 min
Delta R.T.: 0.005 min
Response: 2718848
Conc: 19.82 ug/ml



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

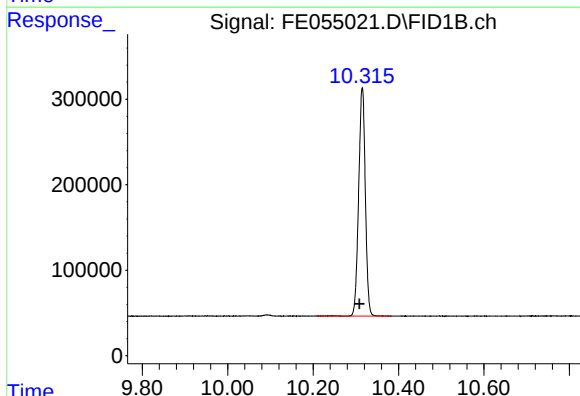
R.T.: 7.507 min
Delta R.T.: 0.007 min
Response: 2966521
Conc: 20.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



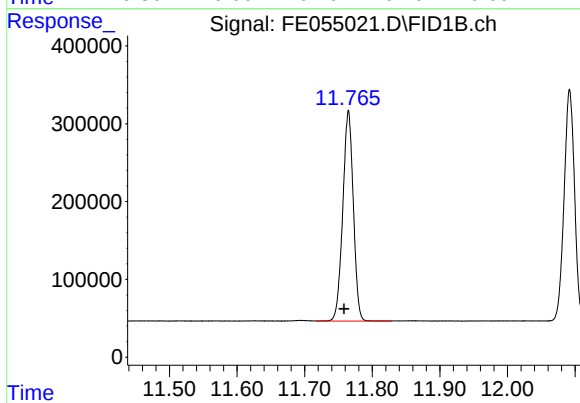
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.006 min
Response: 2787450
Conc: 20.11 ug/ml



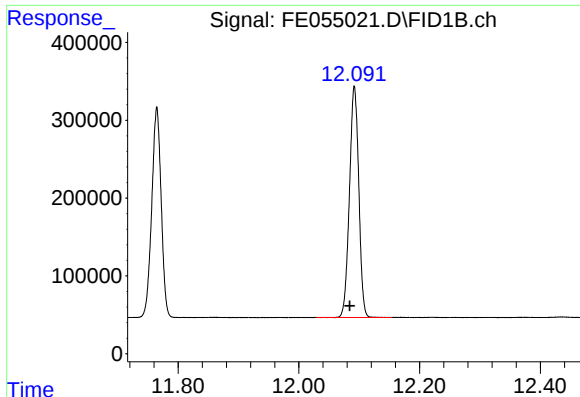
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.006 min
Response: 2894870
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

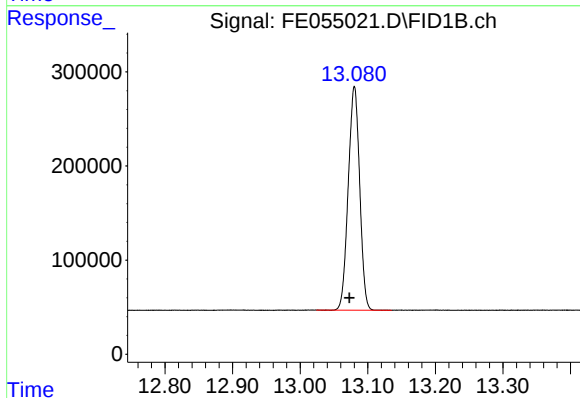
R.T.: 11.765 min
Delta R.T.: 0.006 min
Response: 2926284
Conc: 19.97 ug/ml



#9 ortho-Terphenyl (SURR)

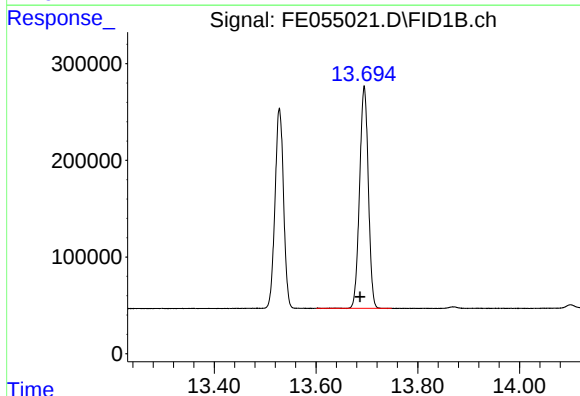
R.T.: 12.092 min
Delta R.T.: 0.007 min
Response: 3185661
Conc: 19.62 ug/ml

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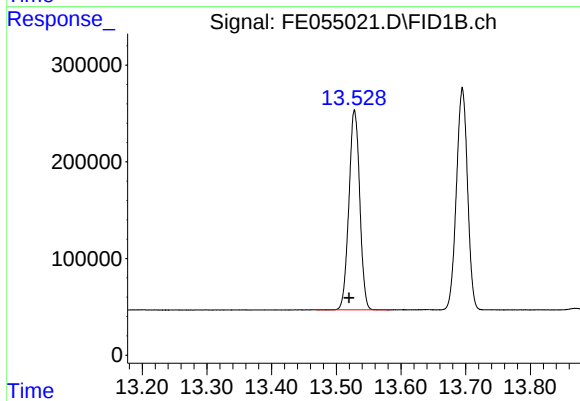
#10 n-Eicosane (C20)

R.T.: 13.080 min
Delta R.T.: 0.007 min
Response: 2794232
Conc: 19.43 ug/ml



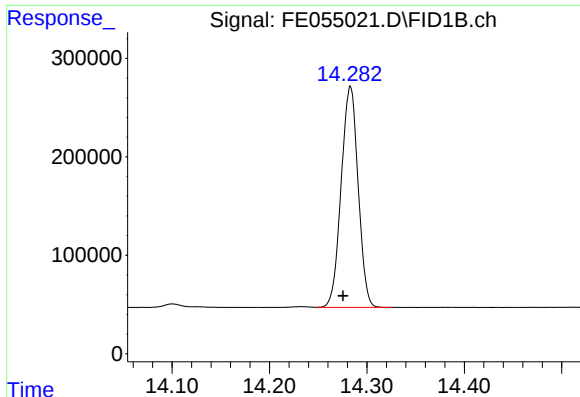
#11 n-Heneicosane (C21)

R.T.: 13.695 min
Delta R.T.: 0.009 min
Response: 2737880
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

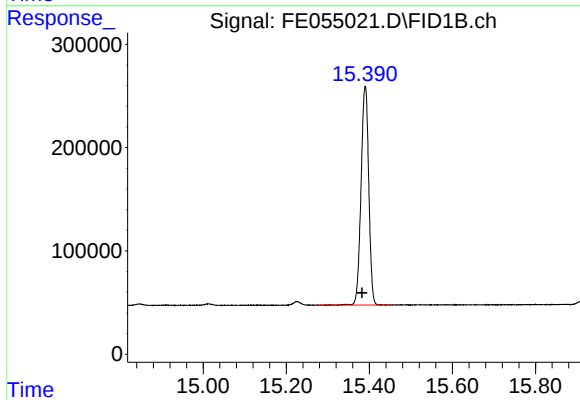
R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 2406201
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

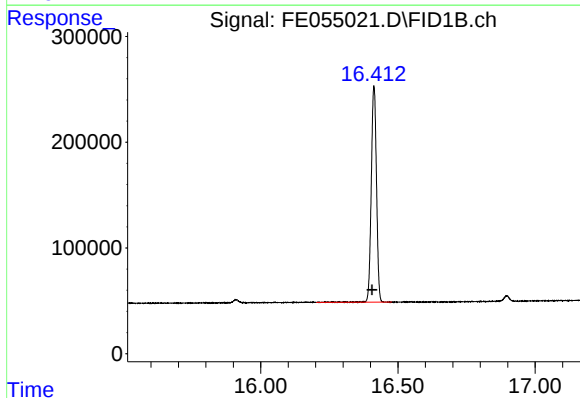
R.T.: 14.283 min
Delta R.T.: 0.008 min
Response: 2719353
Conc: 19.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



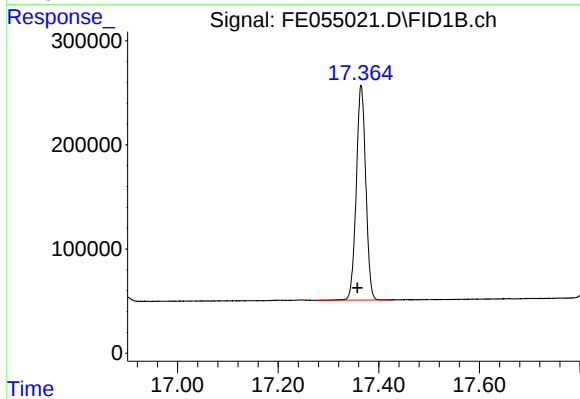
#14 n-Tetracosane (C24)

R.T.: 15.390 min
Delta R.T.: 0.008 min
Response: 2720174
Conc: 18.71 ug/ml



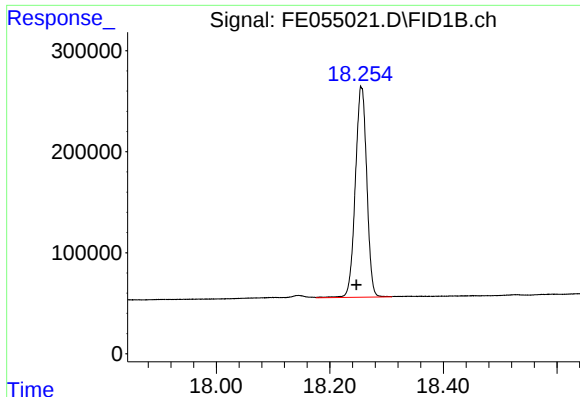
#15 n-Hexacosane (C26)

R.T.: 16.413 min
Delta R.T.: 0.007 min
Response: 2695909
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

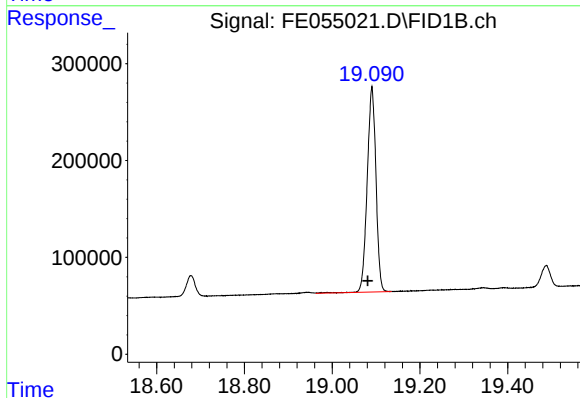
R.T.: 17.365 min
Delta R.T.: 0.007 min
Response: 2701642
Conc: 18.54 ug/ml



#17 n-Tricontane (C30)

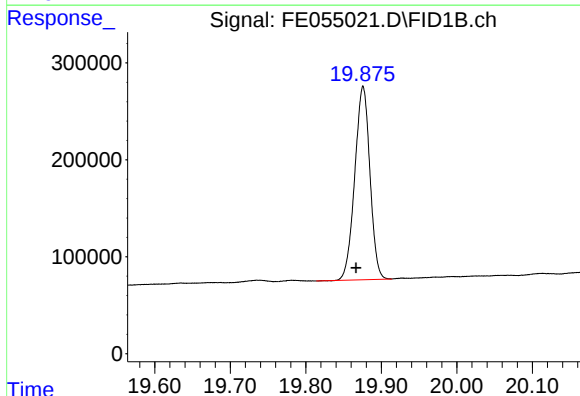
R.T.: 18.256 min
Delta R.T.: 0.009 min
Response: 2911760
Conc: 18.48 ug/ml

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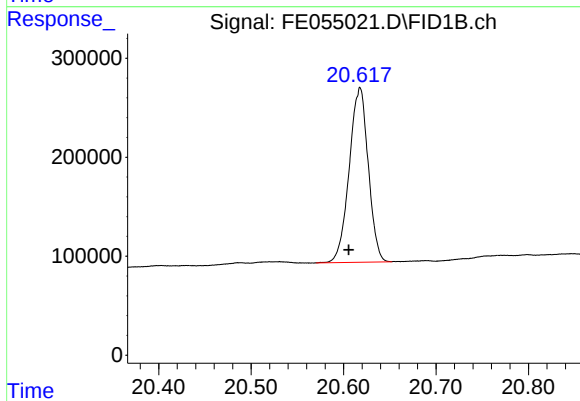
#18 n-Dotriacontane (C32)

R.T.: 19.091 min
Delta R.T.: 0.010 min
Response: 2936255
Conc: 18.15 ug/ml



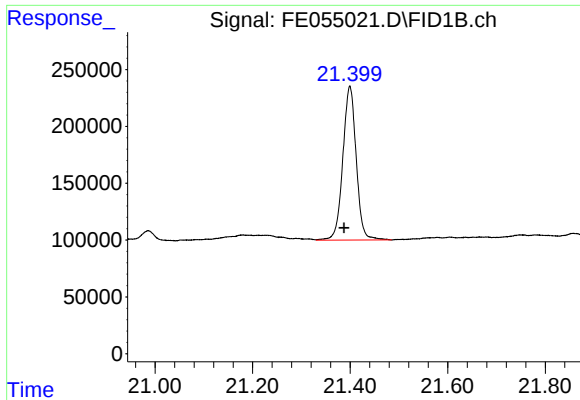
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.009 min
Response: 2785781
Conc: 18.28 ug/ml



#20 n-Hexatriacontane (C36)

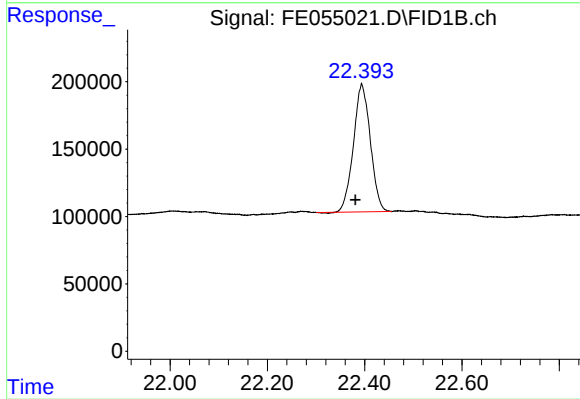
R.T.: 20.617 min
Delta R.T.: 0.012 min
Response: 2526515
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.399 min
Delta R.T.: 0.012 min
Response: 2580694
Conc: 22.00 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.394 min
Delta R.T.: 0.013 min
Response: 2286692
Conc: 21.10 ug/ml