

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053409.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 09:25
 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: Apr 19 03:48:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.877	3497617	19.392 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.322	2575453	19.053 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.226	2746332	20.031 ug/ml
2) T n-Decane (C10)	4.487	2777331	20.077 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3055367	20.242 ug/ml
4) T n-Dodecane (C12)	6.666	2812380	20.053 ug/ml
5) T A~2-methylnaphthalene...	7.300	3046822	20.407 ug/ml
6) T n-Tetradecane (C14)	8.502	2793012	19.909 ug/ml
7) T n-Hexadecane (C16)	10.115	2817904	19.661 ug/ml
8) T n-Octadecane (C18)	11.563	2819025	19.344 ug/ml
10) T n-Eicosane (C20)	12.876	2779581	19.102 ug/ml
11) T n-Heneicosane (C21)	13.490	2758193	19.042 ug/ml
13) T n-Docosane (C22)	14.078	2731124	18.926 ug/ml
14) T n-Tetracosane (C24)	15.183	2690650	18.732 ug/ml
15) T n-Hexacosane (C26)	16.207	2634291	18.600 ug/ml
16) T n-Octacosane (C28)	17.159	2576304	18.518 ug/ml
17) T n-Tricontane (C30)	18.047	2570916	18.470 ug/ml
18) T n-Dotriacontane (C32)	18.881	2487276	18.115 ug/ml
19) T n-Tetratriacontane (C34)	19.667	2422603	18.593 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2406223	19.060 ug/ml
21) T n-Octatriacontane (C38)	21.143	2361777	19.386 ug/ml
22) T n-Tetracontane (C40)	22.051	2407673	20.161 ug/ml

(f)=RT Delta > 1/2 Window

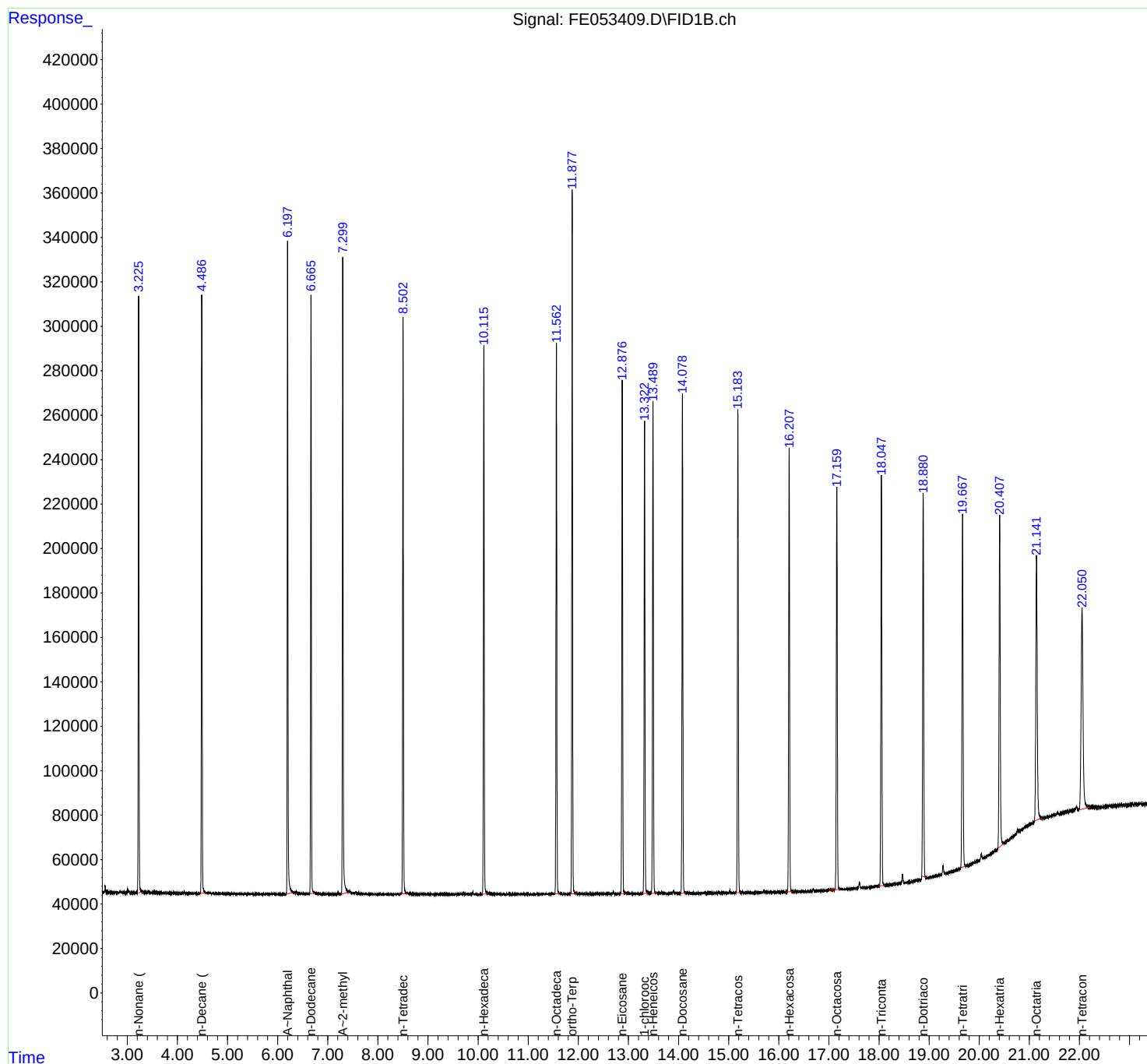
(m)=manual int.

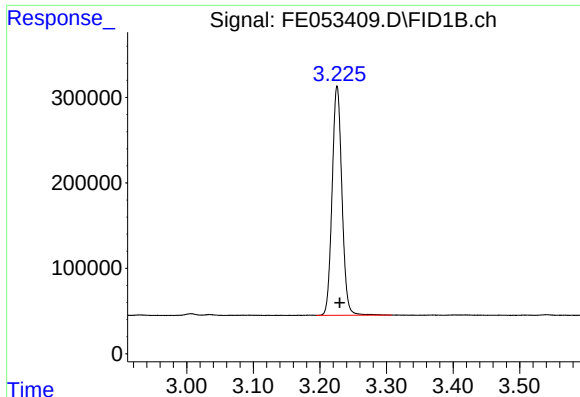
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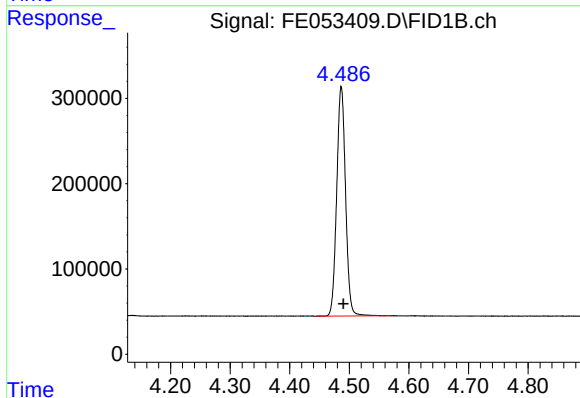




#1 n-Nonane (C9)

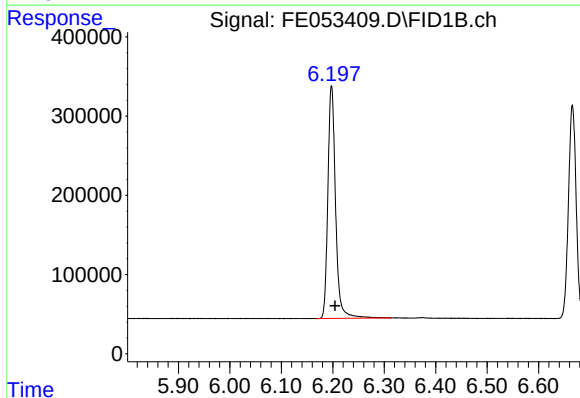
R.T.: 3.226 min
Delta R.T.: -0.004 min
Response: 2746332
Conc: 20.03 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



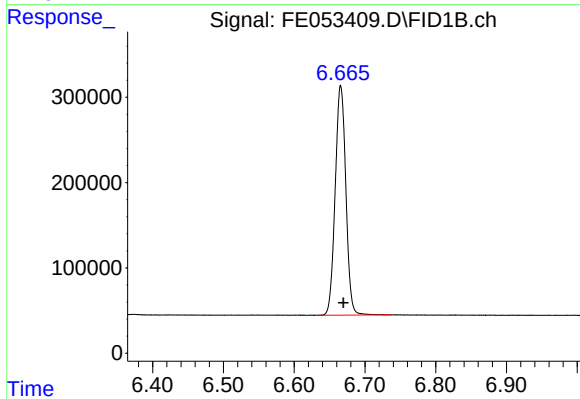
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 2777331
Conc: 20.08 ug/ml



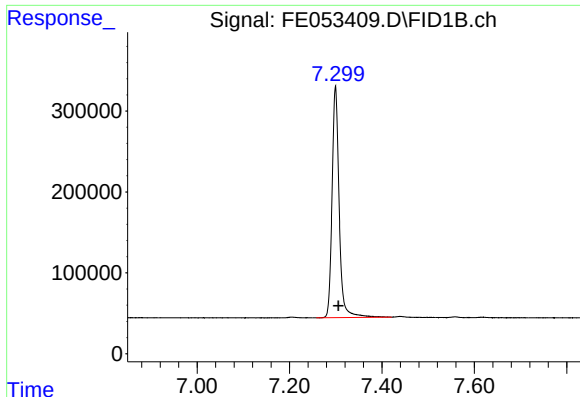
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 3055367
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

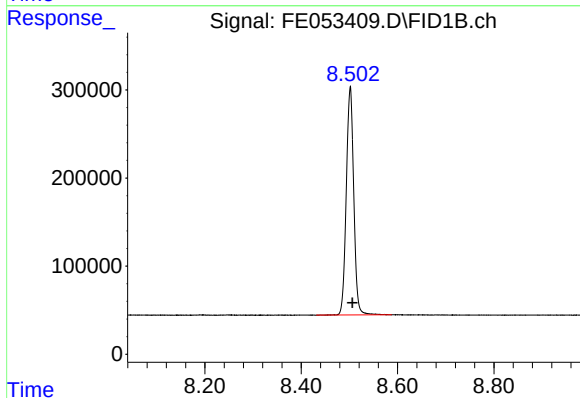
R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 2812380
Conc: 20.05 ug/ml



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

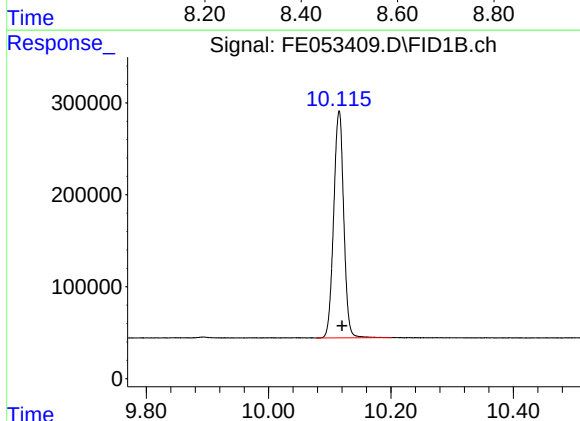
R.T.: 7.300 min
Delta R.T.: -0.006 min
Response: 3046822
Conc: 20.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



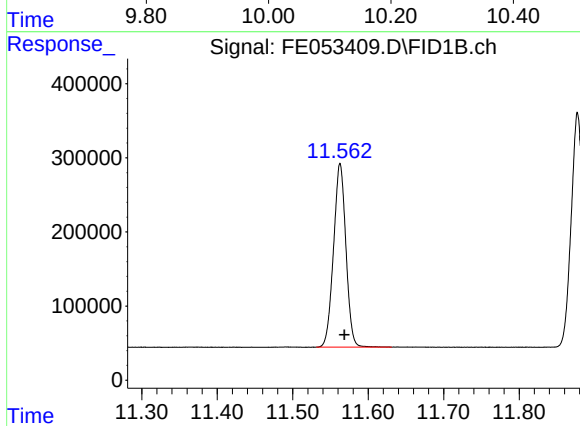
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.004 min
Response: 2793012
Conc: 19.91 ug/ml



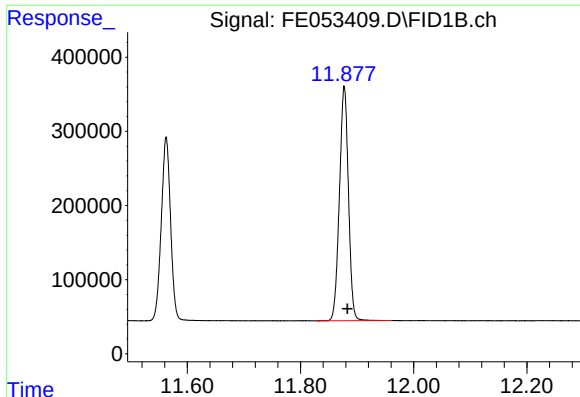
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.005 min
Response: 2817904
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

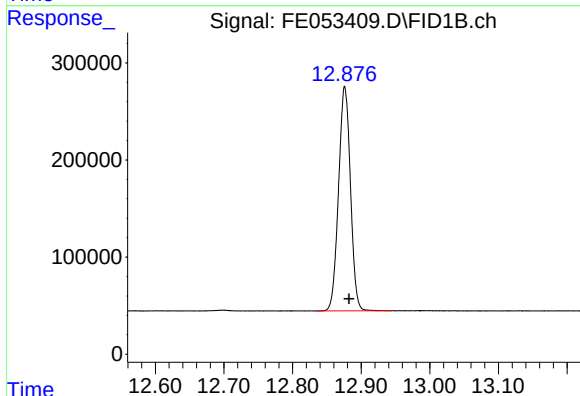
R.T.: 11.563 min
Delta R.T.: -0.006 min
Response: 2819025
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

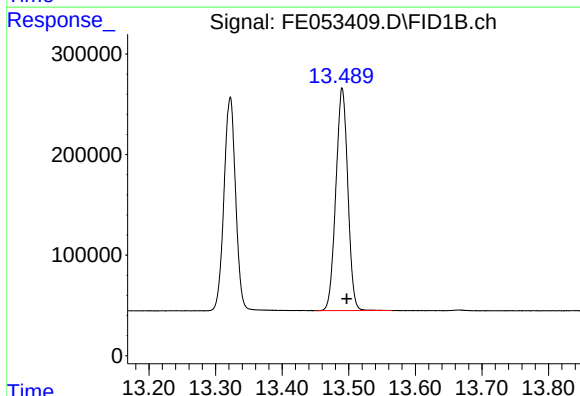
R.T.: 11.877 min
Delta R.T.: -0.005 min
Response: 3497617
Conc: 19.39 ug/ml

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20 PPM ALIPHATIC HC STD



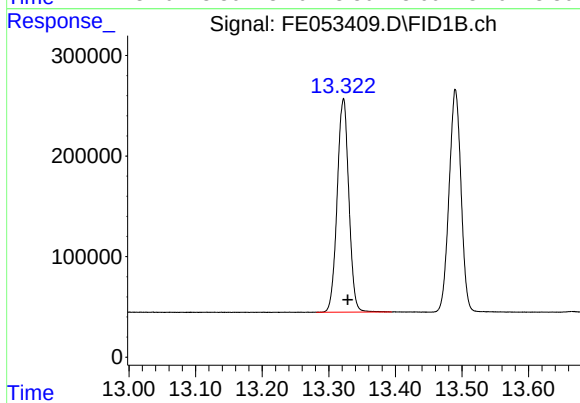
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.006 min
Response: 2779581
Conc: 19.10 ug/ml



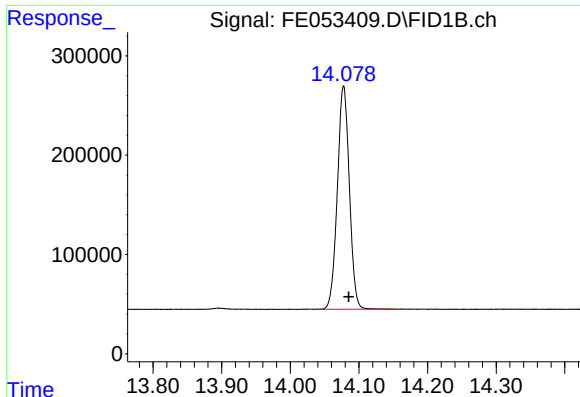
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: -0.007 min
Response: 2758193
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

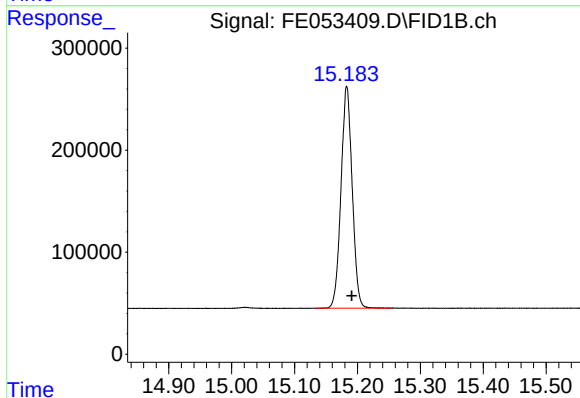
R.T.: 13.322 min
Delta R.T.: -0.007 min
Response: 2575453
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

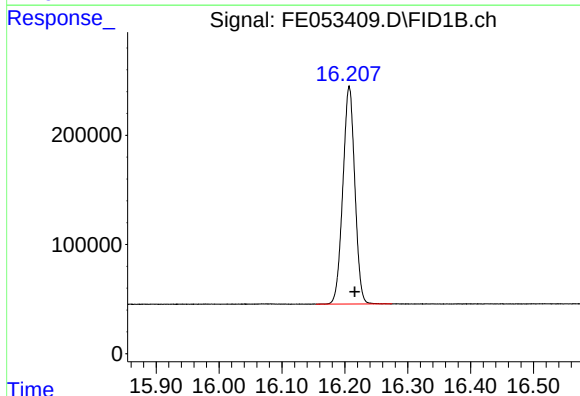
R.T.: 14.078 min
Delta R.T.: -0.007 min
Response: 2731124
Conc: 18.93 ug/ml

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20 PPM ALIPHATIC HC STD



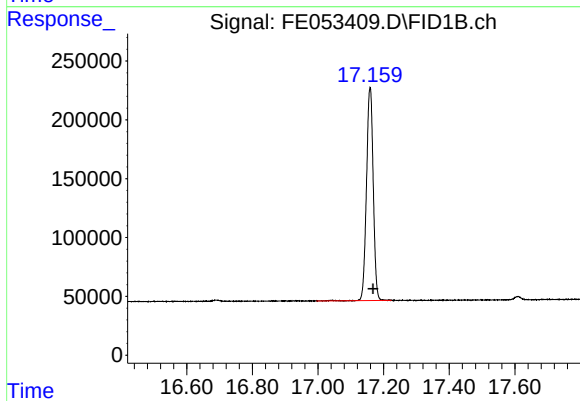
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.008 min
Response: 2690650
Conc: 18.73 ug/ml



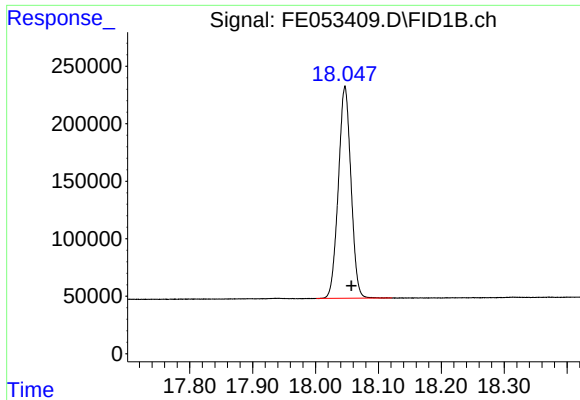
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 2634291
Conc: 18.60 ug/ml



#16 n-Octacosane (C28)

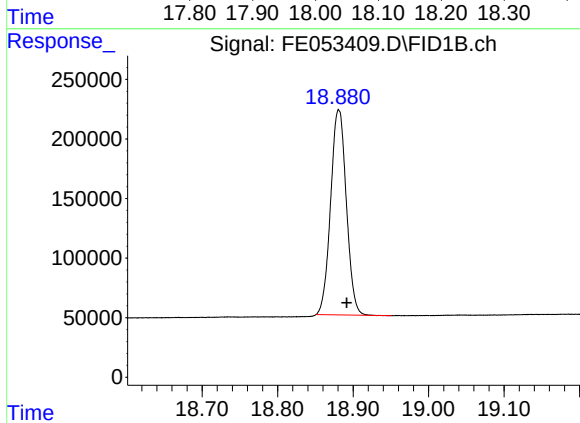
R.T.: 17.159 min
Delta R.T.: -0.010 min
Response: 2576304
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

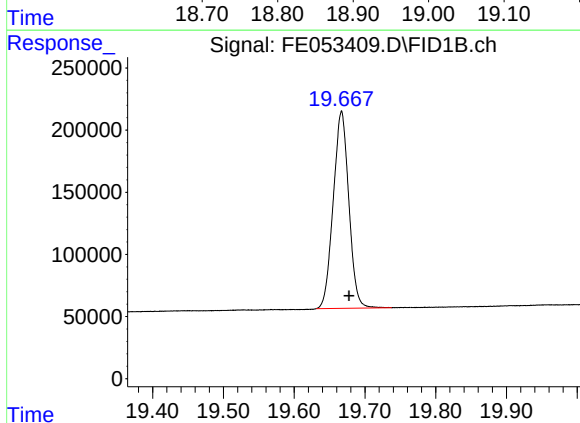
R.T.: 18.047 min
Delta R.T.: -0.010 min
Response: 2570916
Conc: 18.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



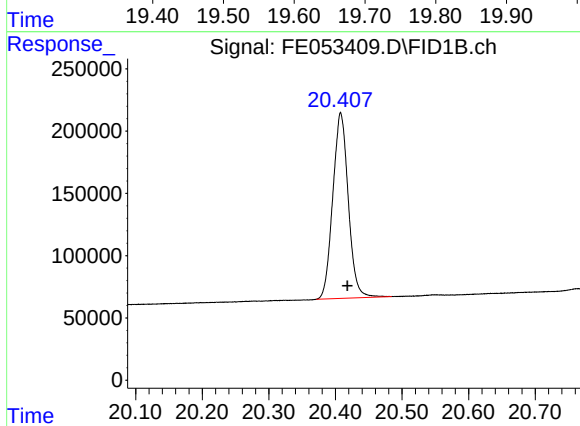
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.011 min
Response: 2487276
Conc: 18.11 ug/ml



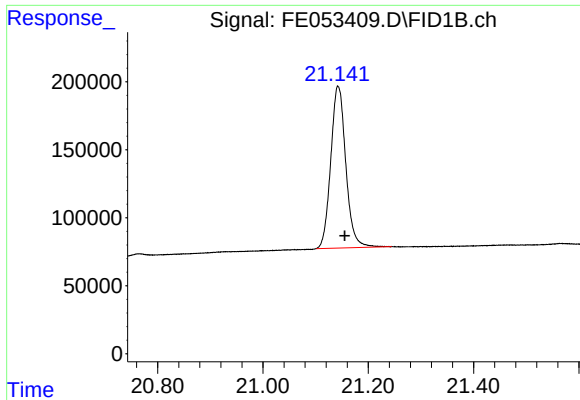
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.011 min
Response: 2422603
Conc: 18.59 ug/ml



#20 n-Hexatriacontane (C36)

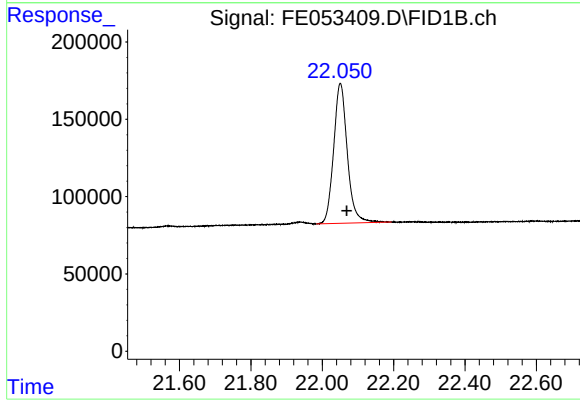
R.T.: 20.408 min
Delta R.T.: -0.010 min
Response: 2406223
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: -0.012 min
Response: 2361777
Conc: 19.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.018 min
Response: 2407673
Conc: 20.16 ug/ml