

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053257.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 02:39
 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: autoint1.e
 Quant Time: Apr 09 05:12:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.889	2894415	17.770 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	13.333	2250129	18.744 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.236	2712159	17.516 ug/ml
2) T n-Decane (C10)	4.497	2845446	18.140 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2995319	17.830 ug/ml
4) T n-Dodecane (C12)	6.676	2841833	18.170 ug/ml
5) T A~2-methylnaphthalene...	7.311	2859401	17.921 ug/ml
6) T n-Tetradecane (C14)	8.512	2804954	18.319 ug/ml
7) T n-Hexadecane (C16)	10.126	2866308	18.595 ug/ml
8) T n-Octadecane (C18)	11.574	2824277	18.622 ug/ml
10) T n-Eicosane (C20)	12.888	2655294	18.624 ug/ml
11) T n-Heneicosane (C21)	13.502	2561724	18.460 ug/ml
13) T n-Docosane (C22)	14.089	2535340	18.512 ug/ml
14) T n-Tetracosane (C24)	15.195	2543468	18.832 ug/ml
15) T n-Hexacosane (C26)	16.220	2527783	18.948 ug/ml
16) T n-Octacosane (C28)	17.171	2626879	19.905 ug/ml
17) T n-Tricontane (C30)	18.061	2916525	21.518 ug/ml
18) T n-Dotriacontane (C32)	18.895	3050813	22.672 ug/ml
19) T n-Tetratriacontane (C34)	19.680	2812290	21.734 ug/ml
20) T n-Hexatriacontane (C36)	20.421	2518354	21.200 ug/ml
21) T n-Octatriacontane (C38)	21.159	2393352	20.823 ug/ml
22) T n-Tetracontane (C40)	22.072	2164877	19.275 ug/ml

(f)=RT Delta > 1/2 Window

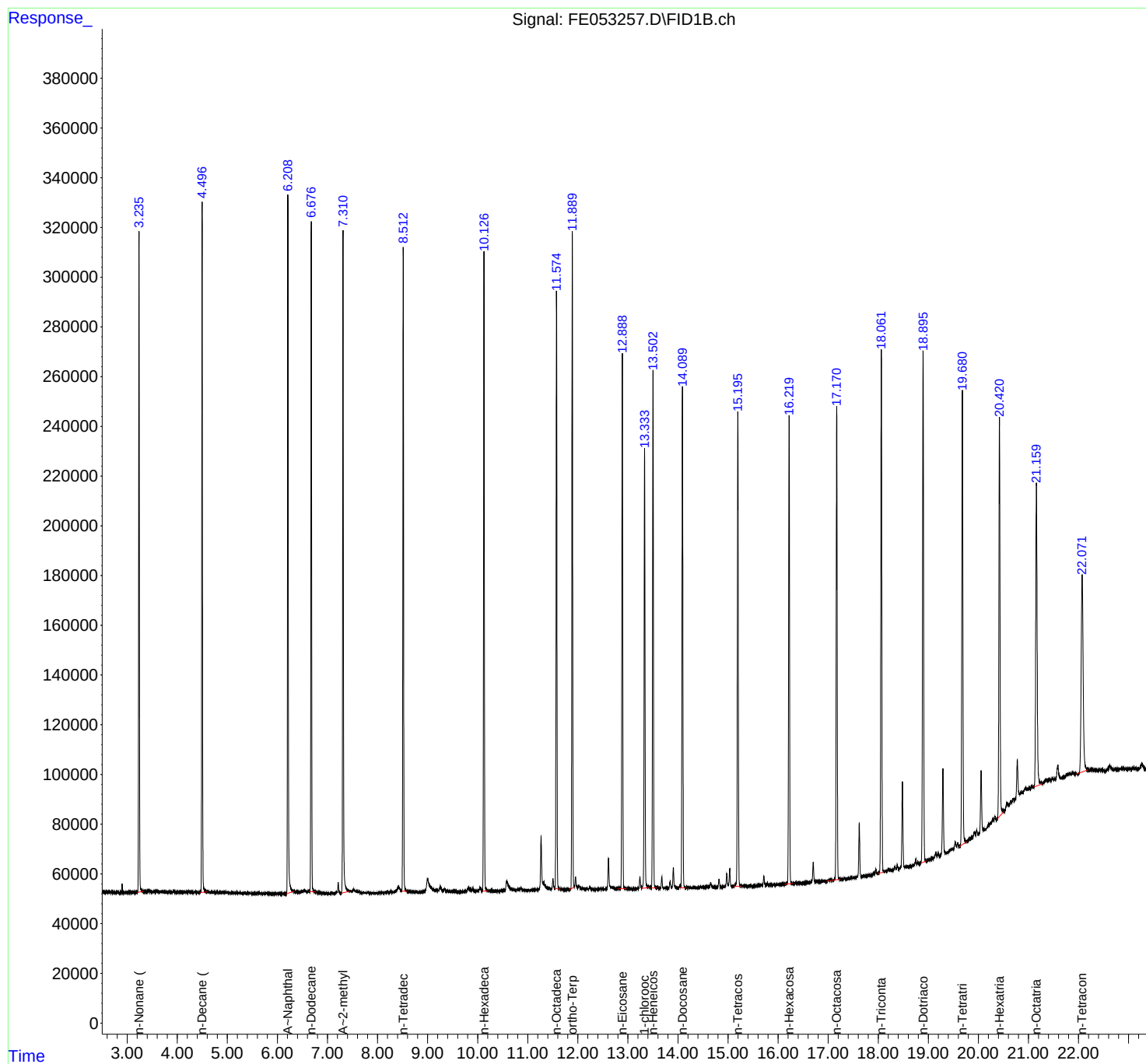
(m)=manual int.

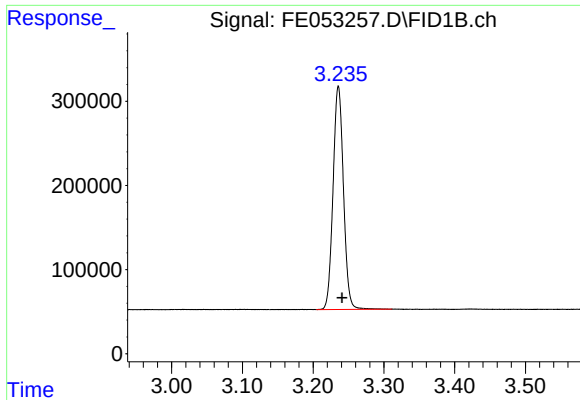
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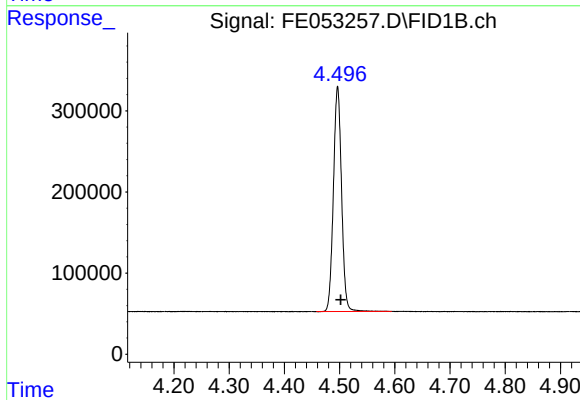




#1 n-Nonane (C9)

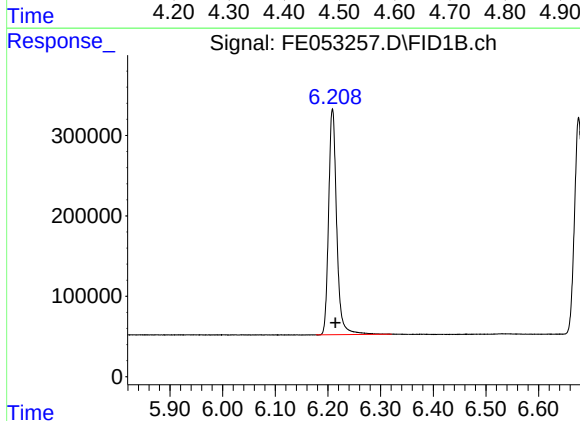
R.T.: 3.236 min
Delta R.T.: -0.005 min
Response: 2712159
Conc: 17.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



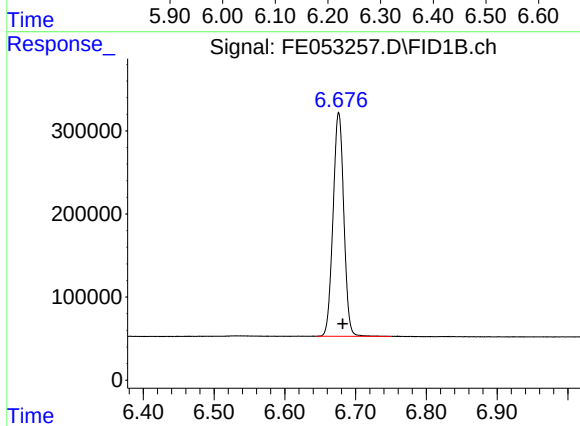
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.005 min
Response: 2845446
Conc: 18.14 ug/ml



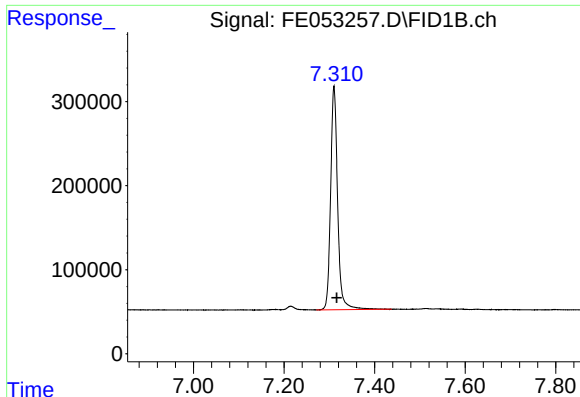
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 2995319
Conc: 17.83 ug/ml



#4 n-Dodecane (C12)

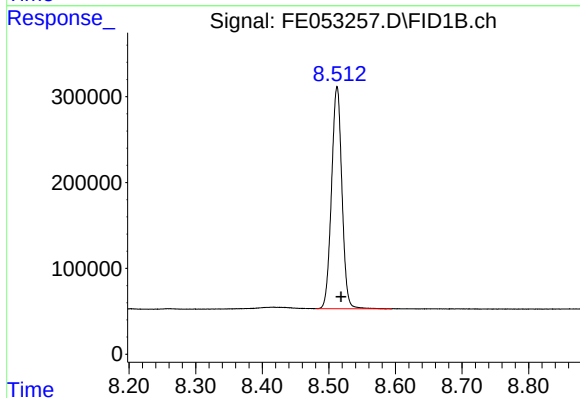
R.T.: 6.676 min
Delta R.T.: -0.006 min
Response: 2841833
Conc: 18.17 ug/ml



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

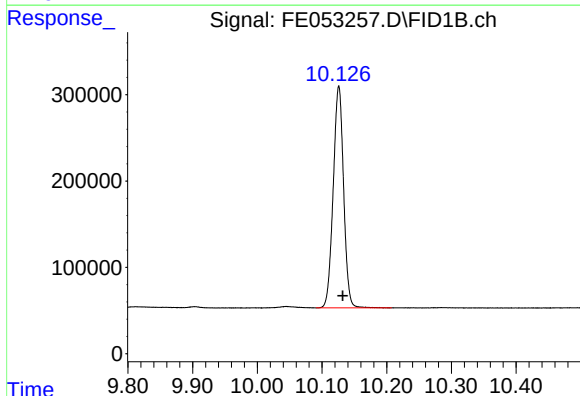
R.T.: 7.311 min
Delta R.T.: -0.006 min
Response: 2859401
Conc: 17.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



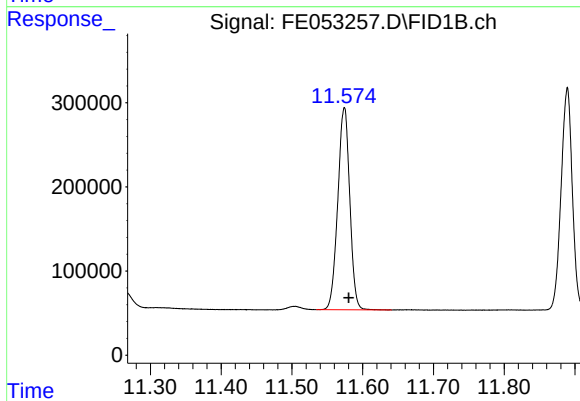
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: -0.006 min
Response: 2804954
Conc: 18.32 ug/ml



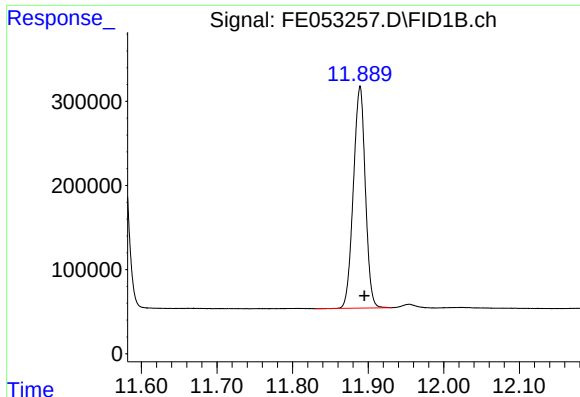
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.006 min
Response: 2866308
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

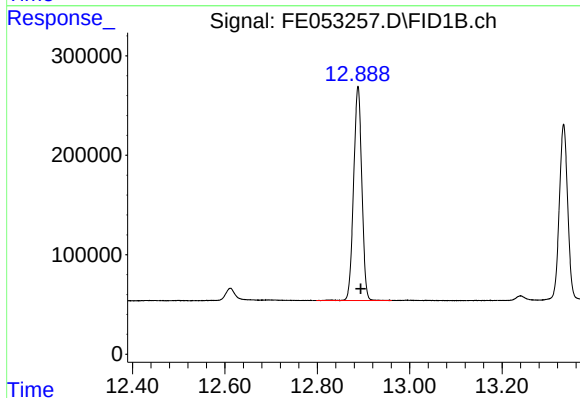
R.T.: 11.574 min
Delta R.T.: -0.006 min
Response: 2824277
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

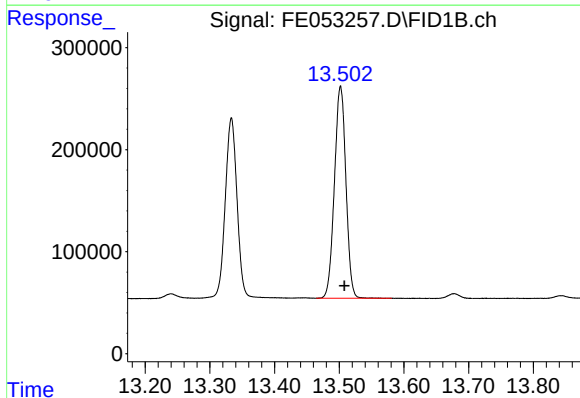
R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 2894415
Conc: 17.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



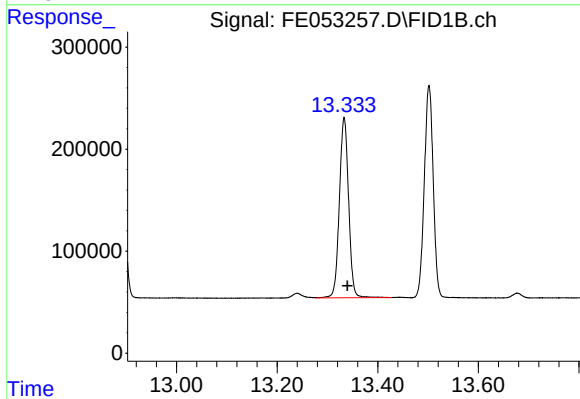
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 2655294
Conc: 18.62 ug/ml



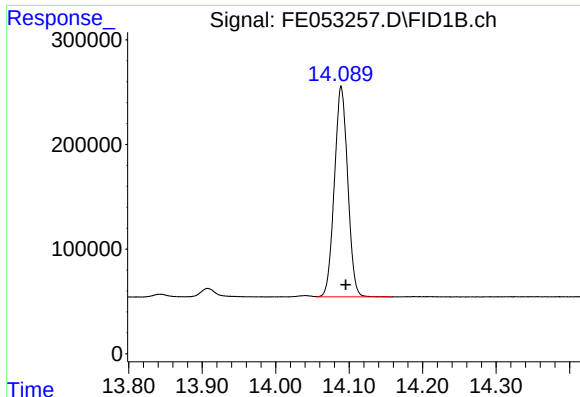
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: -0.006 min
Response: 2561724
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

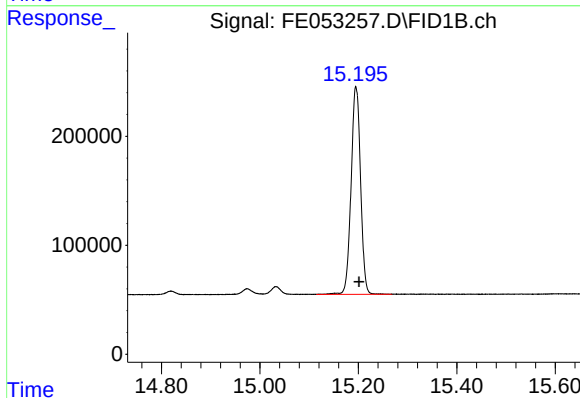
R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 2250129
Conc: 18.74 ug/ml



#13 n-Docosane (C22)

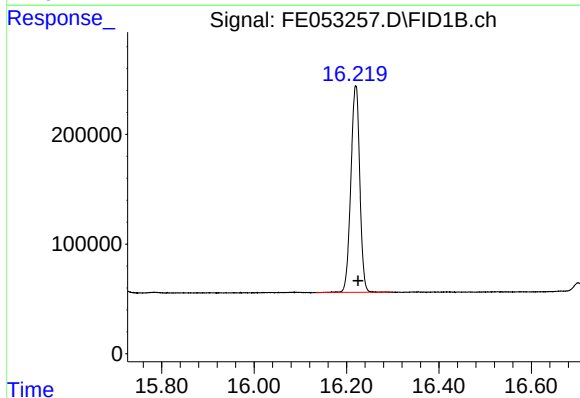
R.T.: 14.089 min
Delta R.T.: -0.006 min
Response: 2535340
Conc: 18.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



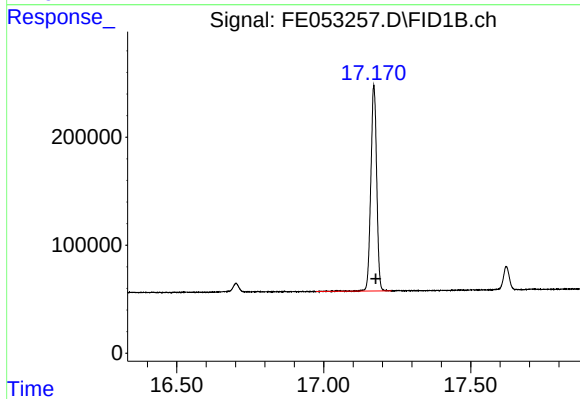
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.006 min
Response: 2543468
Conc: 18.83 ug/ml



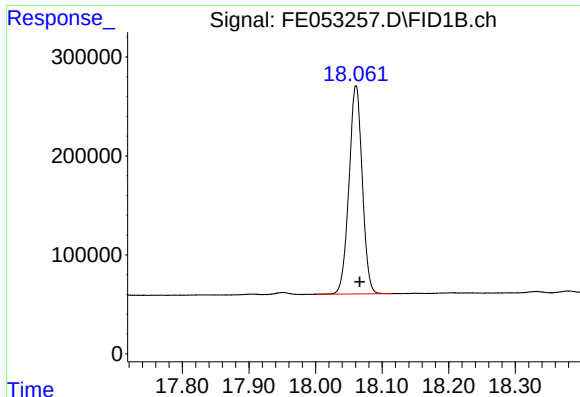
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.006 min
Response: 2527783
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

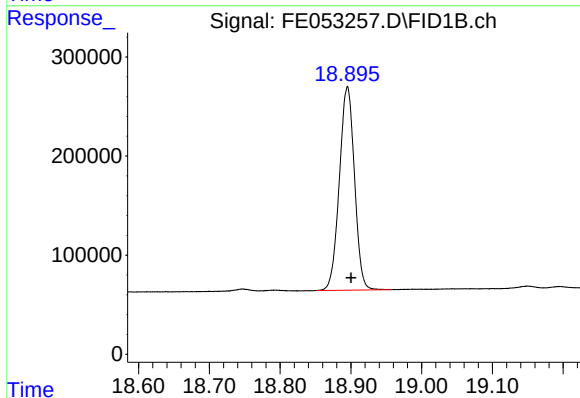
R.T.: 17.171 min
Delta R.T.: -0.006 min
Response: 2626879
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

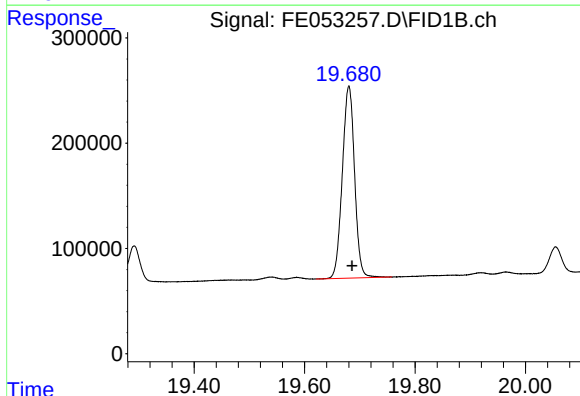
R.T.: 18.061 min
Delta R.T.: -0.006 min
Response: 2916525
Conc: 21.52 ug/ml

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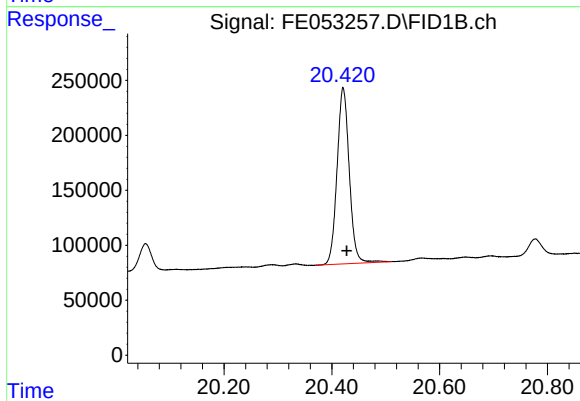
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.005 min
Response: 3050813
Conc: 22.67 ug/ml



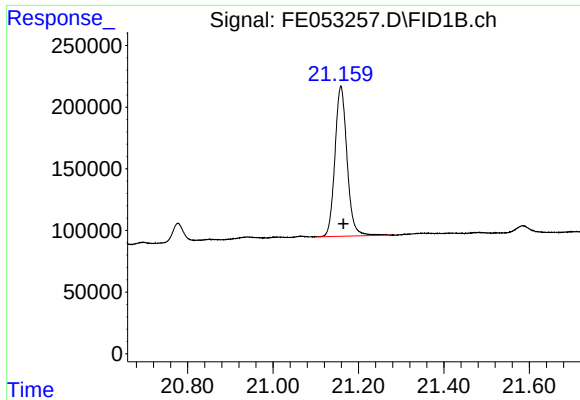
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.006 min
Response: 2812290
Conc: 21.73 ug/ml



#20 n-Hexatriacontane (C36)

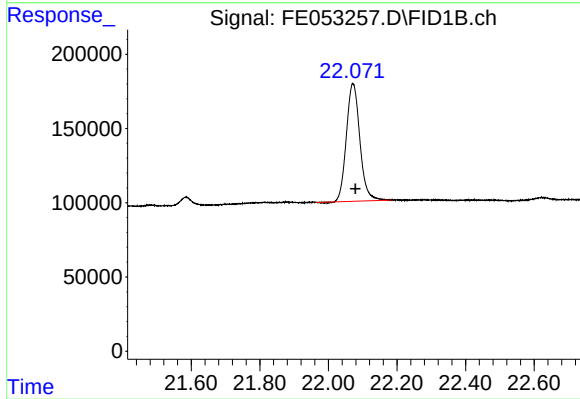
R.T.: 20.421 min
Delta R.T.: -0.007 min
Response: 2518354
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.006 min
Response: 2393352
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.007 min
Response: 2164877
Conc: 19.28 ug/ml