

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011325AL\
 Data File : FE051895.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2025 10:27
 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: Jan 13 11:59:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.150	2686588	18.535 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
12) S 1-chlorooctadecane (S...	13.578	2096720	18.247 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.565	2008419	18.183 ug/ml
2) T n-Decane (C10)	4.805	2099945	18.454 ug/ml
3) T A~Naphthalene (C11.7)	6.511	2396037	18.787 ug/ml
4) T n-Dodecane (C12)	6.955	2200647	18.739 ug/ml
5) T A~2-methylnaphthalene...	7.600	2364259	18.890 ug/ml
6) T n-Tetradecane (C14)	8.777	2274150	18.968 ug/ml
7) T n-Hexadecane (C16)	10.381	2426719	18.963 ug/ml
8) T n-Octadecane (C18)	11.821	2509894	18.862 ug/ml
10) T n-Eicosane (C20)	13.131	2455761	18.664 ug/ml
11) T n-Heneicosane (C21)	13.743	2410747	18.343 ug/ml
13) T n-Docosane (C22)	14.328	2444502	18.633 ug/ml
14) T n-Tetracosane (C24)	15.429	2496056	18.844 ug/ml
15) T n-Hexacosane (C26)	16.449	2482754	18.922 ug/ml
16) T n-Octacosane (C28)	17.398	2463777	19.082 ug/ml
17) T n-Tricontane (C30)	18.284	2516777	19.145 ug/ml
18) T n-Dotriacontane (C32)	19.117	2388515	18.821 ug/ml
19) T n-Tetratriacontane (C34)	19.898	2011256	18.102 ug/ml
20) T n-Hexatriacontane (C36)	20.638	1681890	17.048 ug/ml
21) T n-Octatriacontane (C38)	21.424	1577502	16.661 ug/ml
22) T n-Tetracontane (C40)	22.431	1576724	17.128 ug/ml

(f)=RT Delta > 1/2 Window

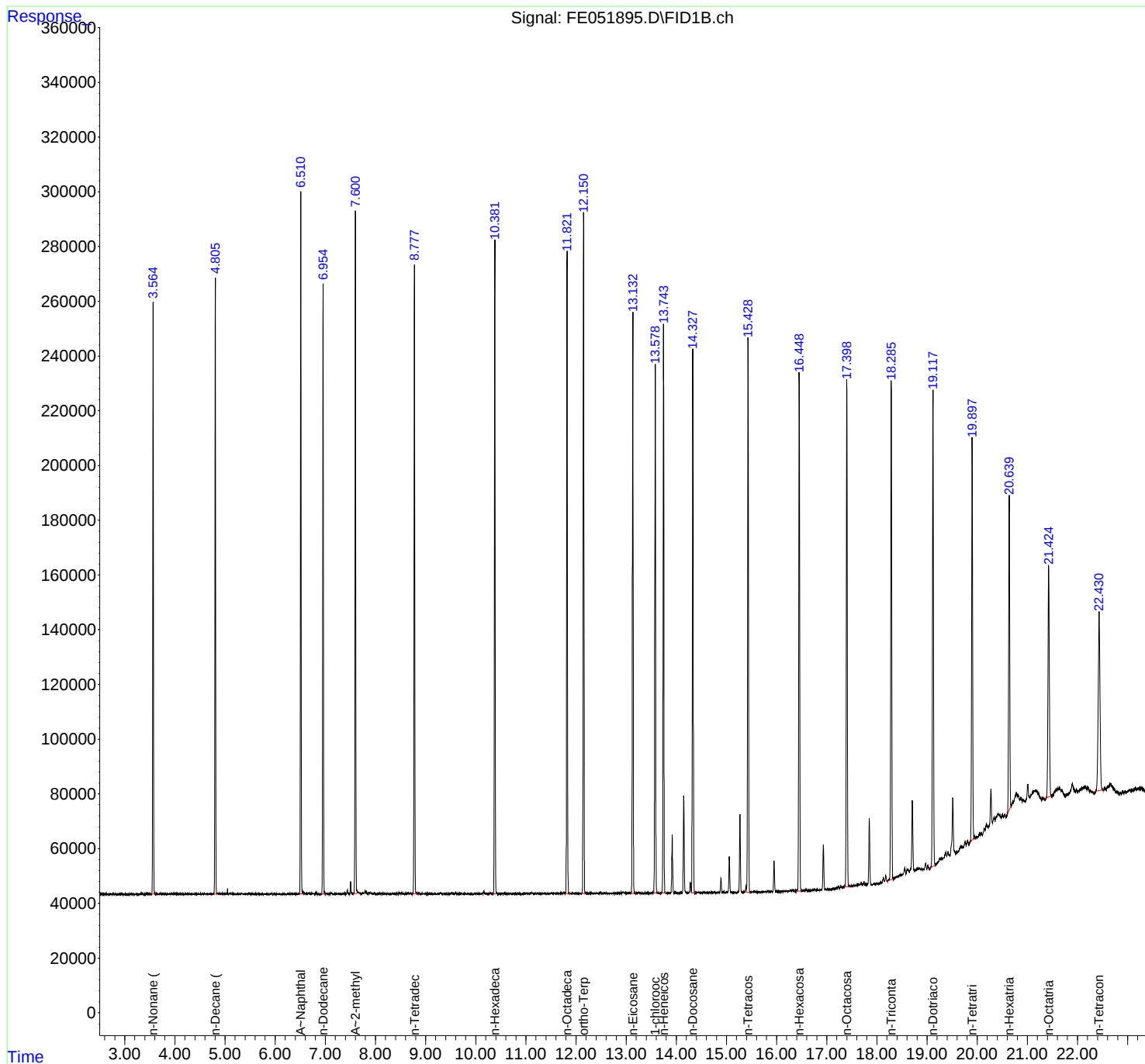
(m)=manual int.

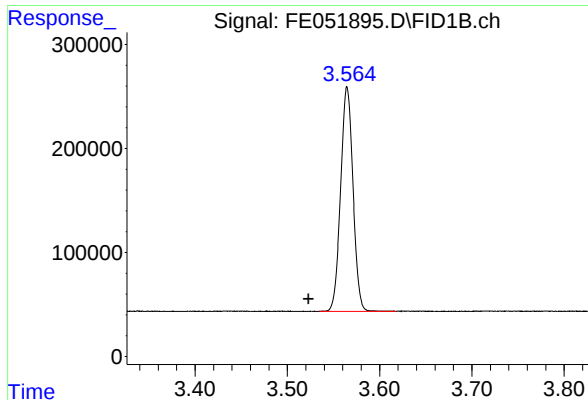
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011325AL\
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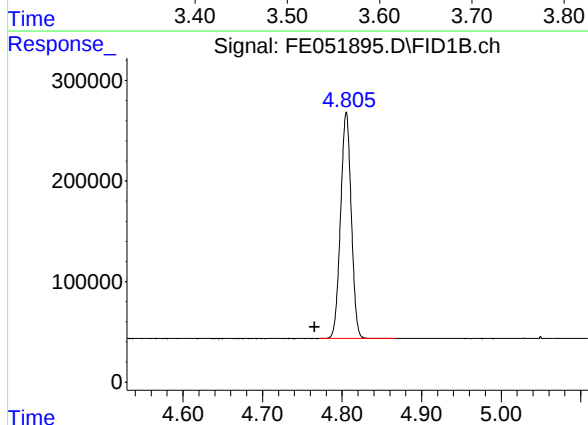




#1 n-Nonane (C9)

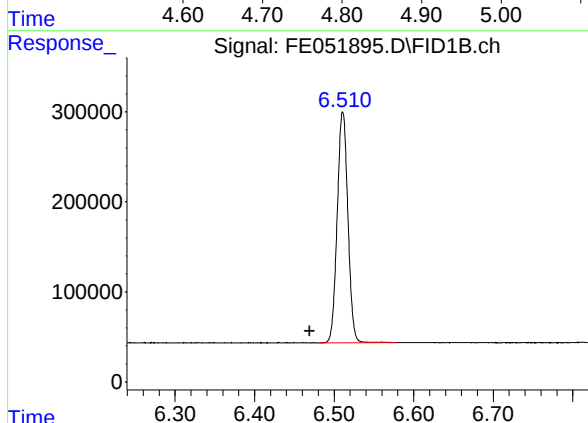
R.T.: 3.565 min
Delta R.T.: 0.042 min
Response: 2008419
Conc: 18.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



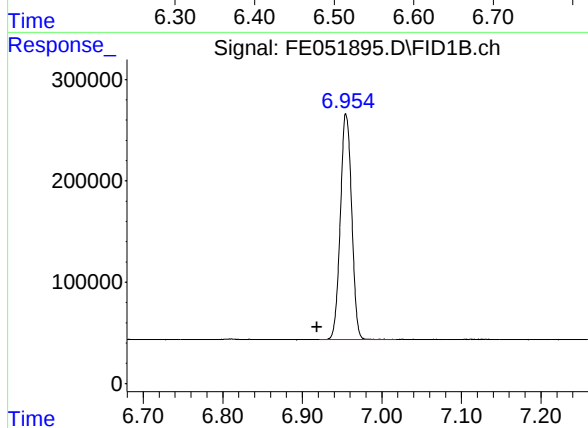
#2 n-Decane (C10)

R.T.: 4.805 min
Delta R.T.: 0.040 min
Response: 2099945
Conc: 18.45 ug/ml



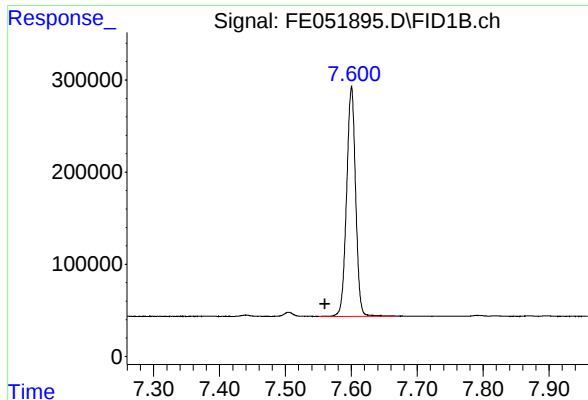
#3 A~Naphthalene (C11.7)

R.T.: 6.511 min
Delta R.T.: 0.042 min
Response: 2396037
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

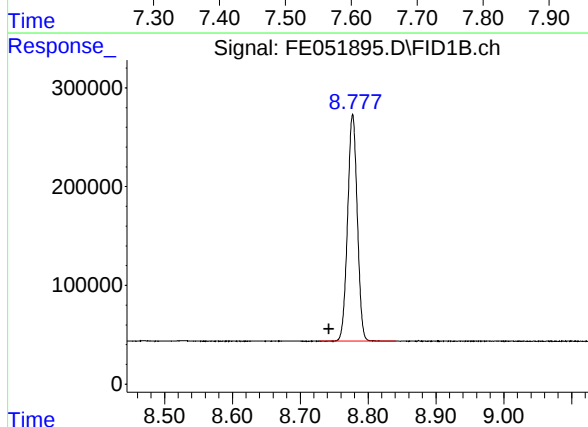
R.T.: 6.955 min
Delta R.T.: 0.037 min
Response: 2200647
Conc: 18.74 ug/ml



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

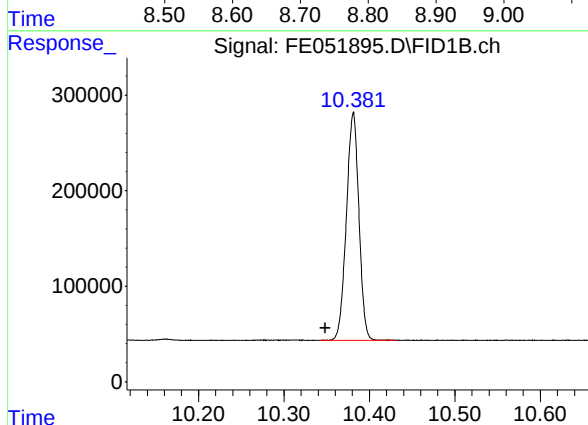
R.T.: 7.600 min
Delta R.T.: 0.040 min
Response: 2364259
Conc: 18.89 ug/ml

Instrument :
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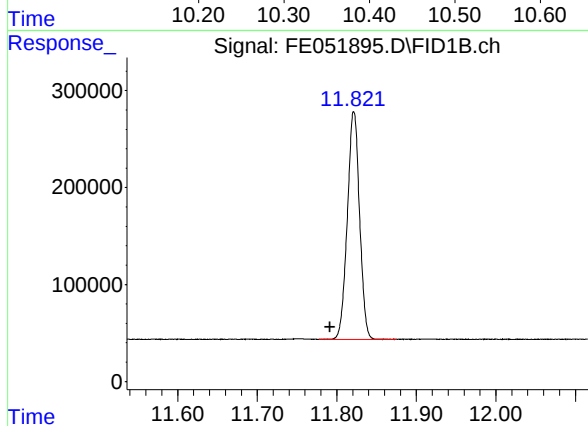
#6 n-Tetradecane (C14)

R.T.: 8.777 min
Delta R.T.: 0.035 min
Response: 2274150
Conc: 18.97 ug/ml



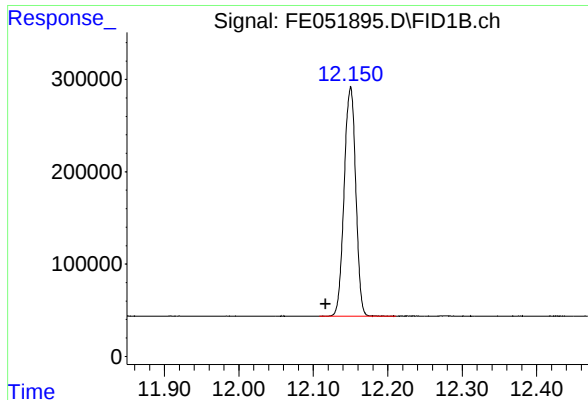
#7 n-Hexadecane (C16)

R.T.: 10.381 min
Delta R.T.: 0.033 min
Response: 2426719
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

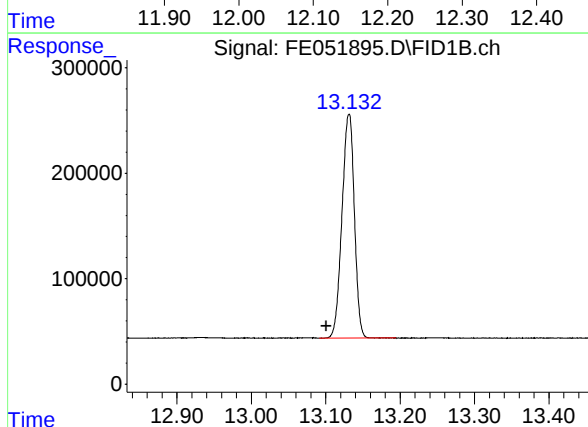
R.T.: 11.821 min
Delta R.T.: 0.030 min
Response: 2509894
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

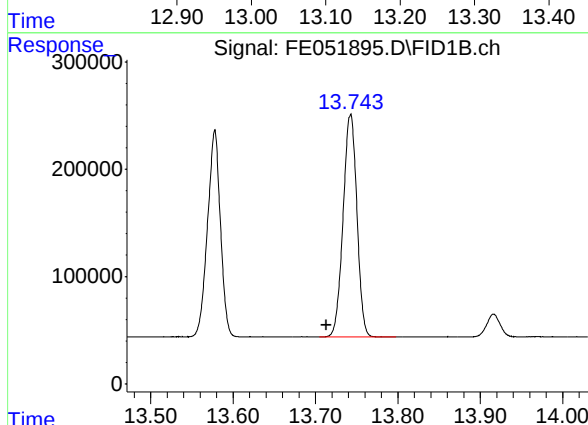
R.T.: 12.150 min
Delta R.T.: 0.033 min
Response: 2686588
Conc: 18.53 ug/ml

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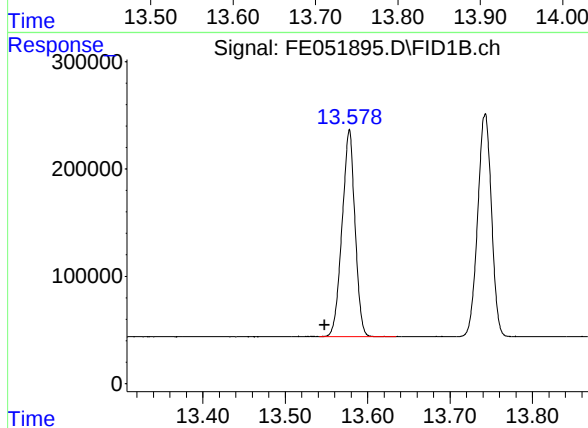
#10 n-Eicosane (C20)

R.T.: 13.131 min
Delta R.T.: 0.030 min
Response: 2455761
Conc: 18.66 ug/ml



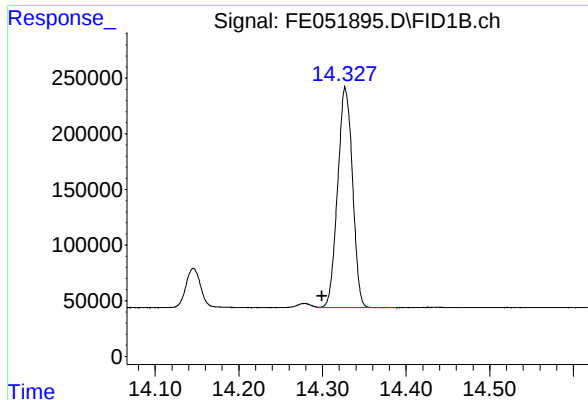
#11 n-Heneicosane (C21)

R.T.: 13.743 min
Delta R.T.: 0.029 min
Response: 2410747
Conc: 18.34 ug/ml



#12 1-chlorooctadecane (SURR)

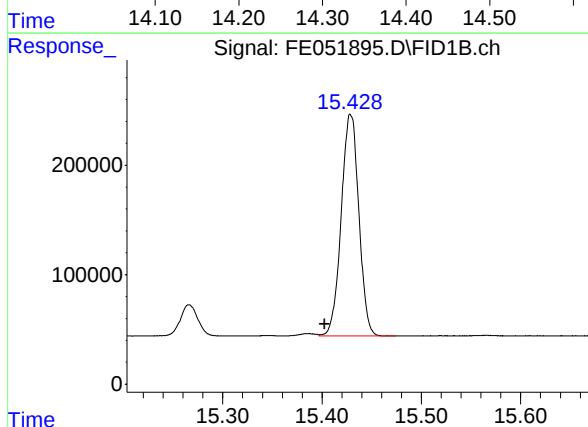
R.T.: 13.578 min
Delta R.T.: 0.030 min
Response: 2096720
Conc: 18.25 ug/ml



#13 n-Docosane (C22)

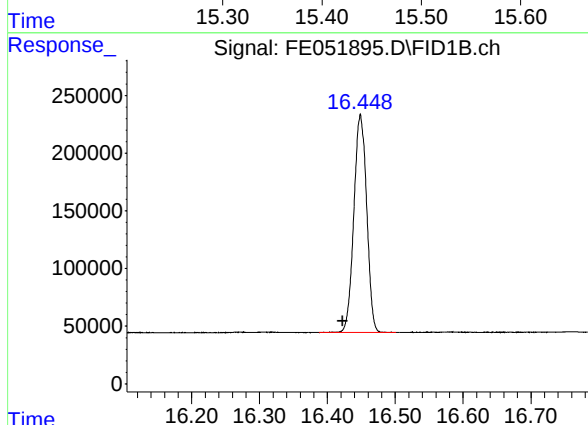
R.T.: 14.328 min
Delta R.T.: 0.028 min
Response: 2444502
Conc: 18.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



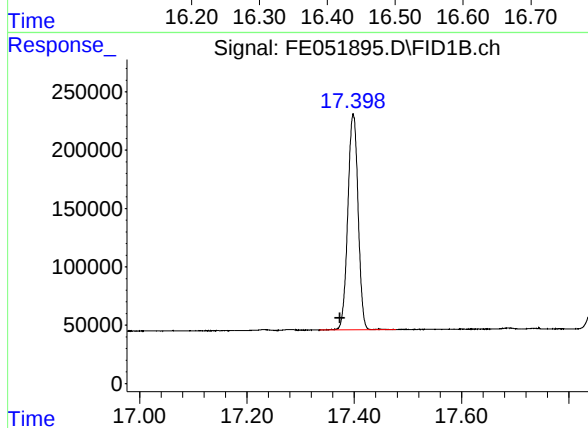
#14 n-Tetracosane (C24)

R.T.: 15.429 min
Delta R.T.: 0.026 min
Response: 2496056
Conc: 18.84 ug/ml



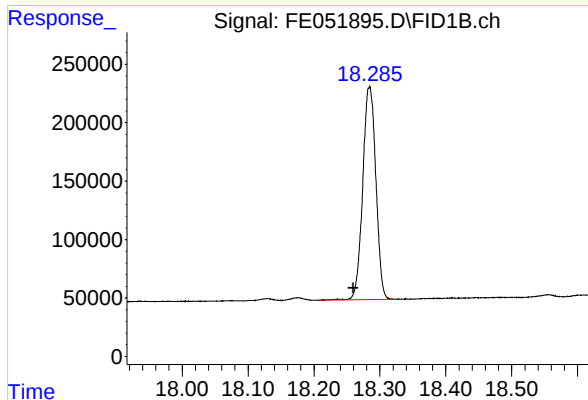
#15 n-Hexacosane (C26)

R.T.: 16.449 min
Delta R.T.: 0.026 min
Response: 2482754
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

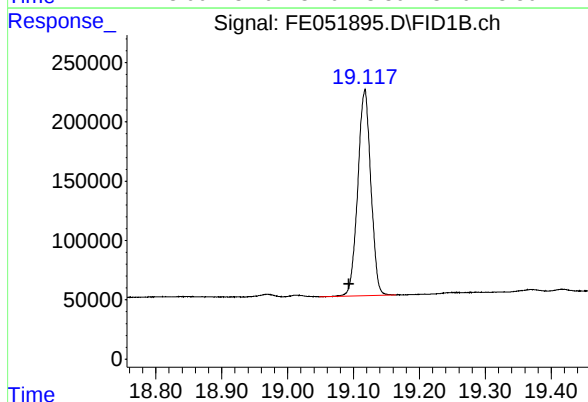
R.T.: 17.398 min
Delta R.T.: 0.025 min
Response: 2463777
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

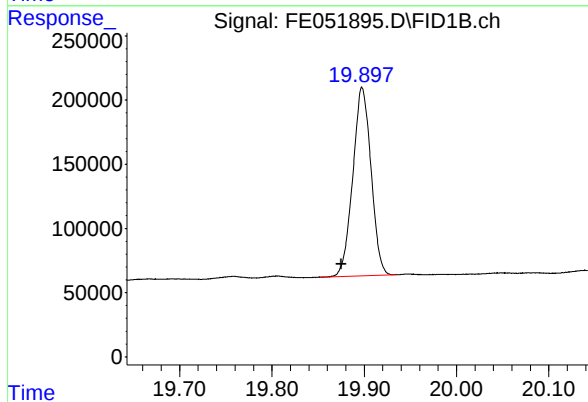
R.T.: 18.284 min
Delta R.T.: 0.025 min
Response: 2516777
Conc: 19.14 ug/ml

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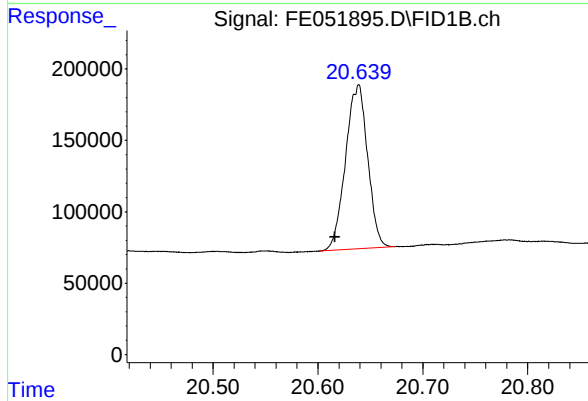
#18 n-Dotriacontane (C32)

R.T.: 19.117 min
Delta R.T.: 0.024 min
Response: 2388515
Conc: 18.82 ug/ml



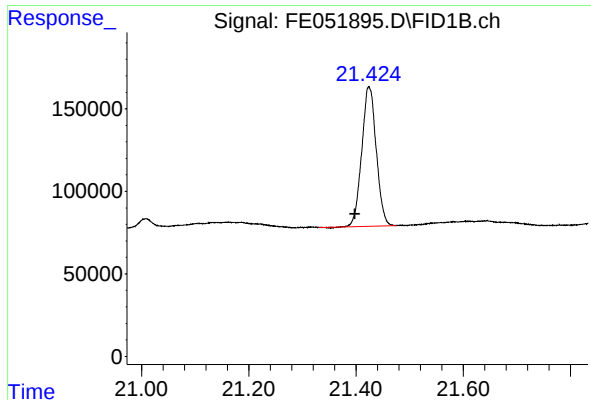
#19 n-Tetatriacontane (C34)

R.T.: 19.898 min
Delta R.T.: 0.023 min
Response: 2011256
Conc: 18.10 ug/ml



#20 n-Hexatriacontane (C36)

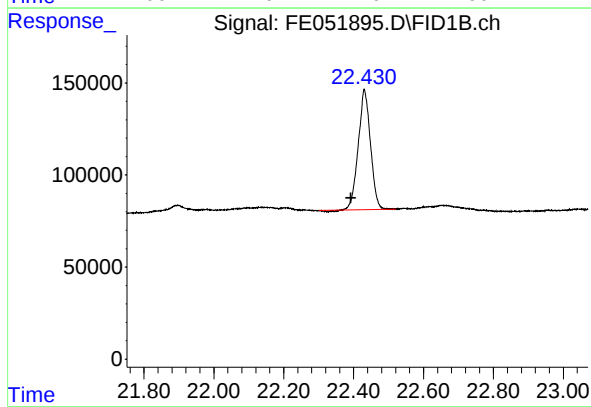
R.T.: 20.638 min
Delta R.T.: 0.021 min
Response: 1681890
Conc: 17.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.424 min
Delta R.T.: 0.027 min
Response: 1577502
Conc: 16.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.431 min
Delta R.T.: 0.039 min
Response: 1576724
Conc: 17.13 ug/ml