

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053710.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2025 12:12
 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: May 09 01:59:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.860	2915074	16.162 ug/ml
Spiked Amount 50.000		Recovery =	32.32%
12) S 1-chlorooctadecane (S...	13.304	2148676	15.895 ug/ml
Spiked Amount 50.000		Recovery =	31.79%
Target Compounds			
1) T n-Nonane (C9)	3.207	2271636	16.569 ug/ml
2) T n-Decane (C10)	4.468	2387151	17.256 ug/ml
3) T A~Naphthalene (C11.7)	6.181	2571249	17.034 ug/ml
4) T n-Dodecane (C12)	6.649	2426785	17.303 ug/ml
5) T A~2-methylnaphthalene...	7.283	2491548	16.688 ug/ml
6) T n-Tetradecane (C14)	8.485	2424405	17.281 ug/ml
7) T n-Hexadecane (C16)	10.098	2440863	17.031 ug/ml
8) T n-Octadecane (C18)	11.545	2427214	16.655 ug/ml
10) T n-Eicosane (C20)	12.859	2368310	16.276 ug/ml
11) T n-Heneicosane (C21)	13.473	2333914	16.113 ug/ml
13) T n-Docosane (C22)	14.060	2312655	16.026 ug/ml
14) T n-Tetracosane (C24)	15.166	2290289	15.945 ug/ml
15) T n-Hexacosane (C26)	16.190	2269592	16.025 ug/ml
16) T n-Octacosane (C28)	17.141	2371970	17.049 ug/ml
17) T n-Tricontane (C30)	18.031	2565972	18.434 ug/ml
18) T n-Dotriacontane (C32)	18.865	2739173	19.949 ug/ml
19) T n-Tetratriacontane (C34)	19.649	2585220	19.841 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2458614	19.475 ug/ml
21) T n-Octatriacontane (C38)	21.125	2312551	18.982 ug/ml
22) T n-Tetracontane (C40)	22.024	2229456	18.669 ug/ml

(f)=RT Delta > 1/2 Window

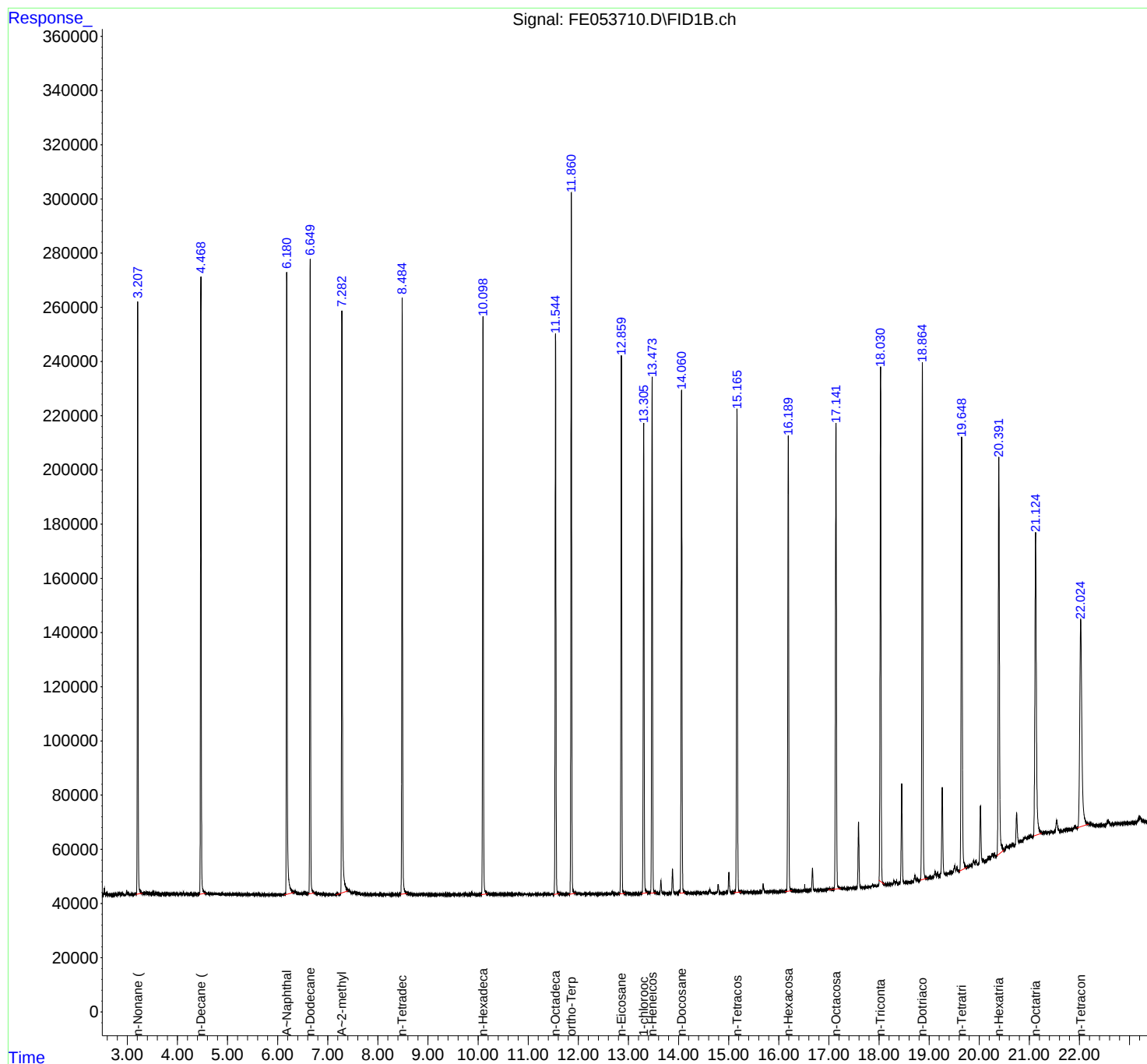
(m)=manual int.

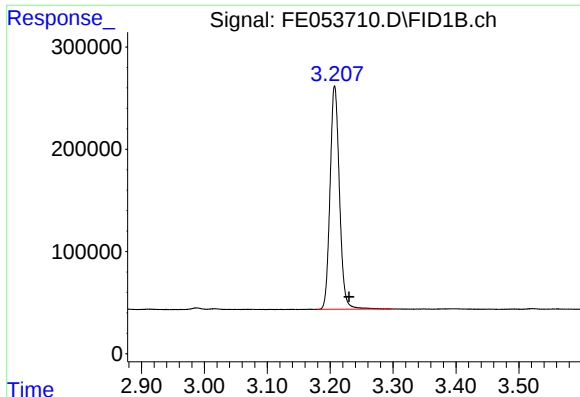
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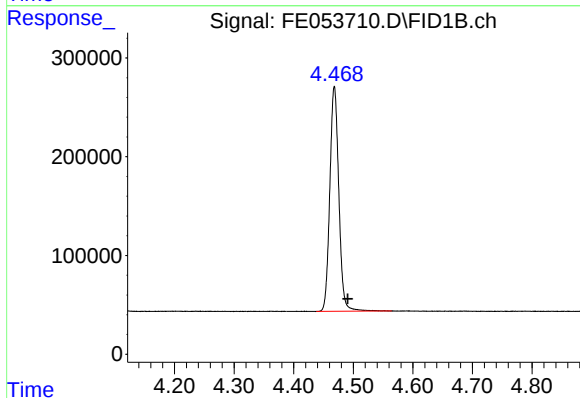




#1 n-Nonane (C9)

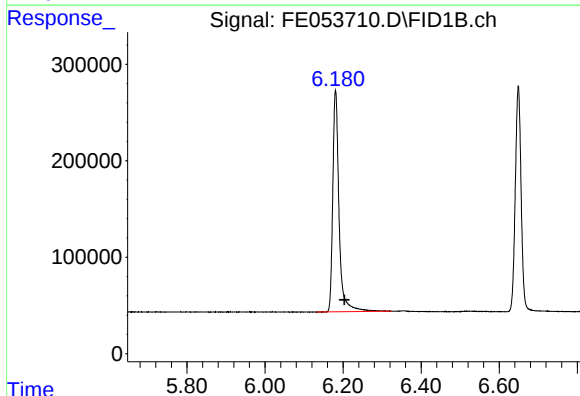
R.T.: 3.207 min
Delta R.T.: -0.023 min
Response: 2271636
Conc: 16.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



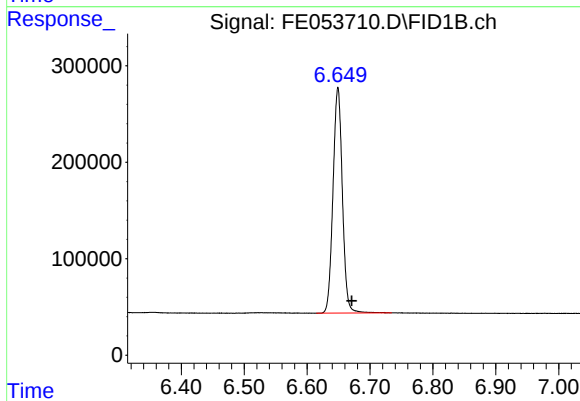
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.022 min
Response: 2387151
Conc: 17.26 ug/ml



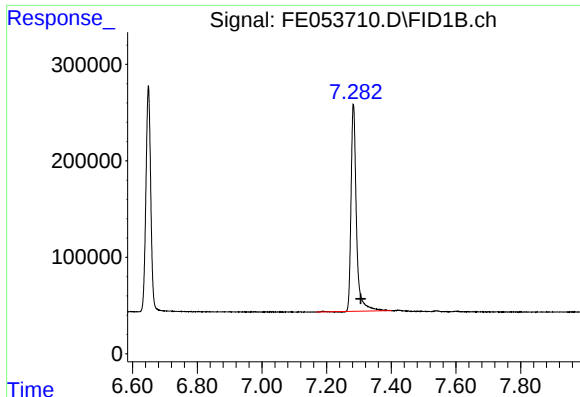
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.022 min
Response: 2571249
Conc: 17.03 ug/ml



#4 n-Dodecane (C12)

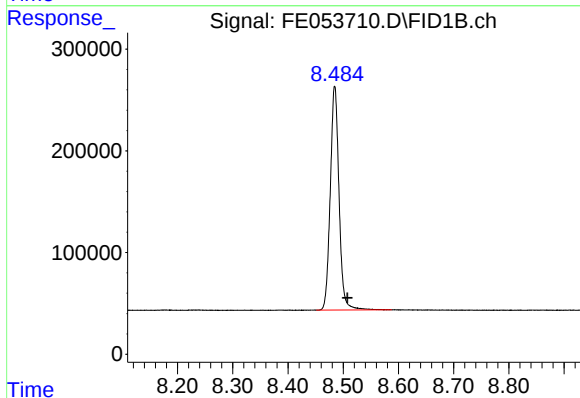
R.T.: 6.649 min
Delta R.T.: -0.022 min
Response: 2426785
Conc: 17.30 ug/ml



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

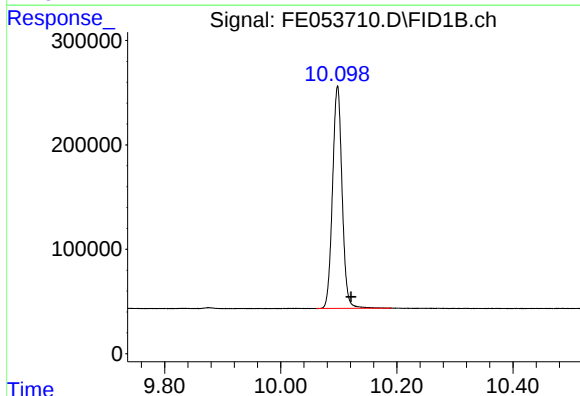
R.T.: 7.283 min
Delta R.T.: -0.023 min
Response: 2491548
Conc: 16.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



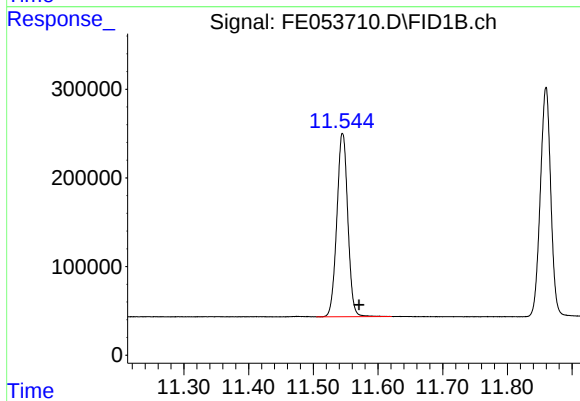
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: -0.023 min
Response: 2424405
Conc: 17.28 ug/ml



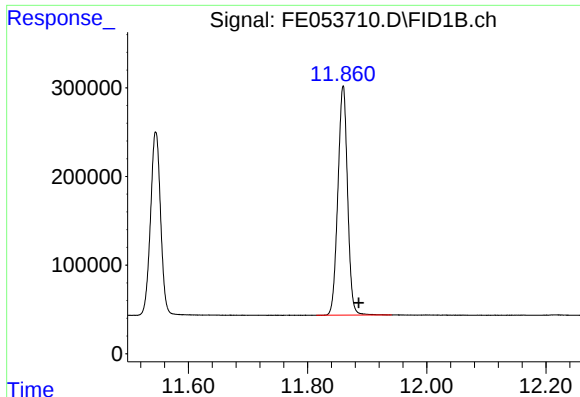
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.023 min
Response: 2440863
Conc: 17.03 ug/ml



#8 n-Octadecane (C18)

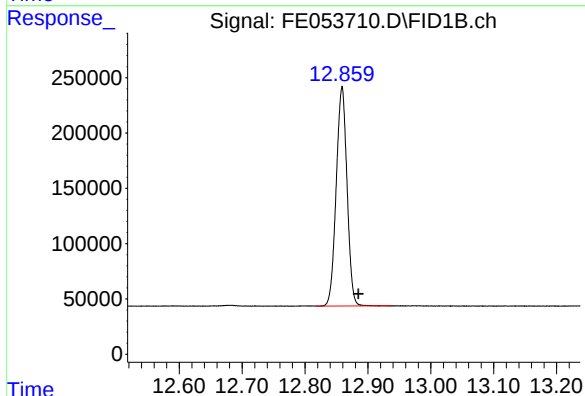
R.T.: 11.545 min
Delta R.T.: -0.026 min
Response: 2427214
Conc: 16.66 ug/ml



#9 ortho-Terphenyl (SURR)

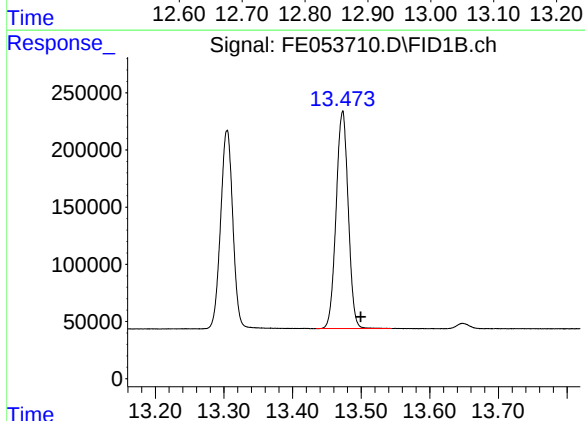
R.T.: 11.860 min
Delta R.T.: -0.026 min
Response: 2915074
Conc: 16.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



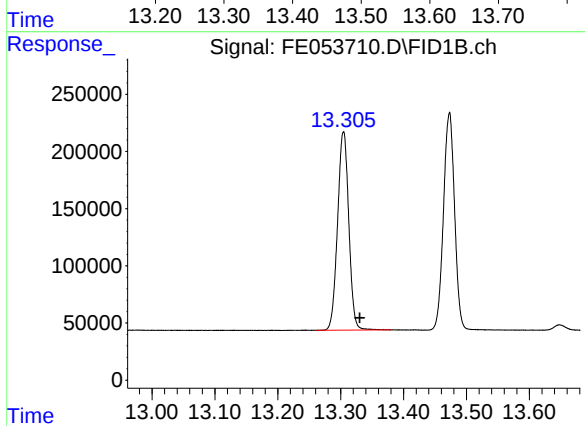
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: -0.026 min
Response: 2368310
Conc: 16.28 ug/ml



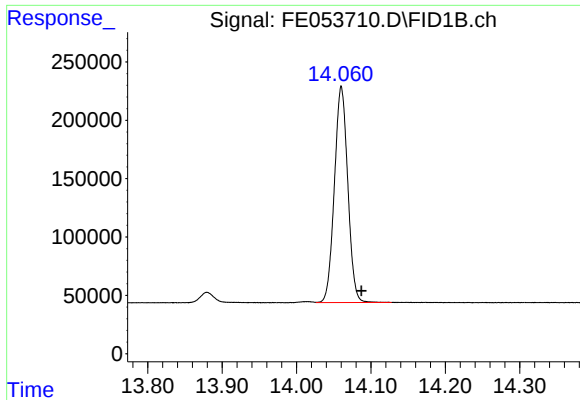
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: -0.026 min
Response: 2333914
Conc: 16.11 ug/ml



#12 1-chlorooctadecane (SURR)

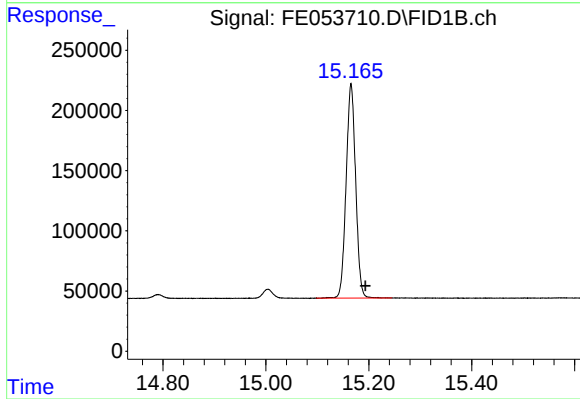
R.T.: 13.304 min
Delta R.T.: -0.026 min
Response: 2148676
Conc: 15.90 ug/ml



#13 n-Docosane (C22)

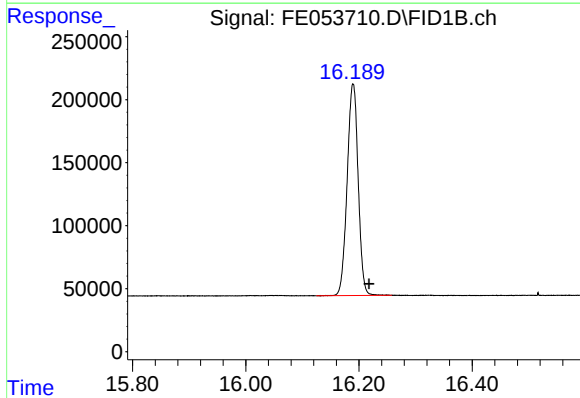
R.T.: 14.060 min
Delta R.T.: -0.027 min
Response: 2312655
Conc: 16.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



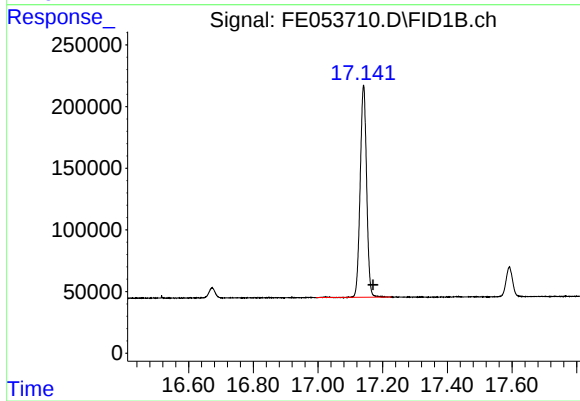
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.028 min
Response: 2290289
Conc: 15.94 ug/ml



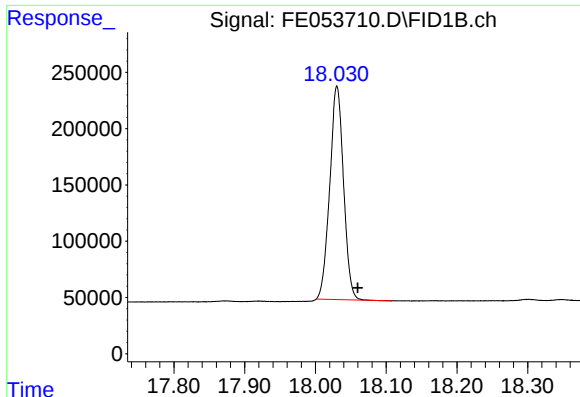
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: -0.028 min
Response: 2269592
Conc: 16.02 ug/ml



#16 n-Octacosane (C28)

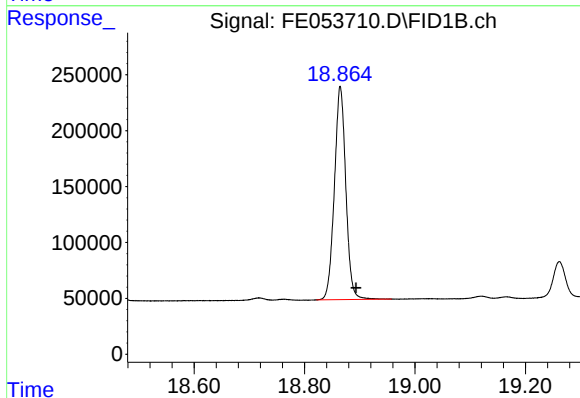
R.T.: 17.141 min
Delta R.T.: -0.029 min
Response: 2371970
Conc: 17.05 ug/ml



#17 n-Tricontane (C30)

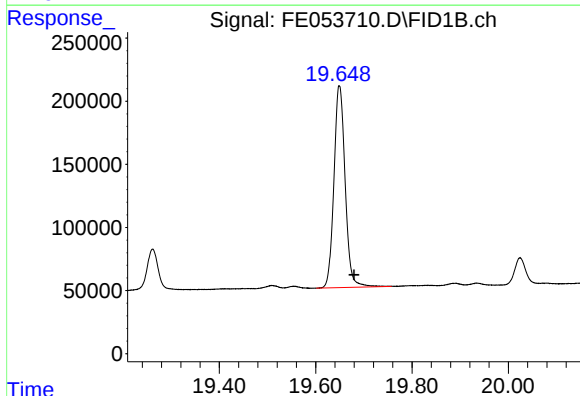
R.T.: 18.031 min
Delta R.T.: -0.029 min
Response: 2565972
Conc: 18.43 ug/ml

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20 PPM ALIPHATIC HC STD



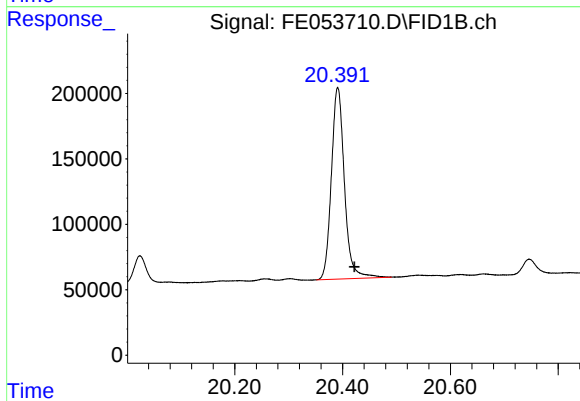
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.029 min
Response: 2739173
Conc: 19.95 ug/ml



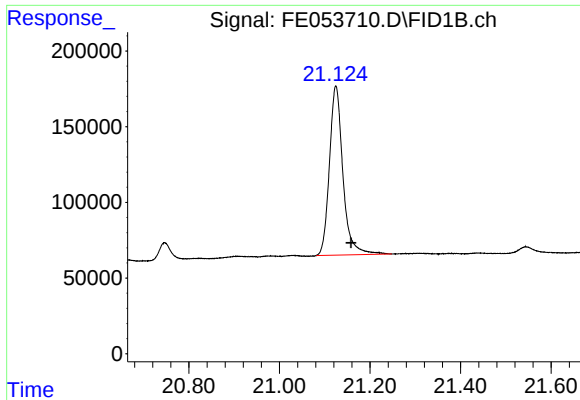
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: -0.030 min
Response: 2585220
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

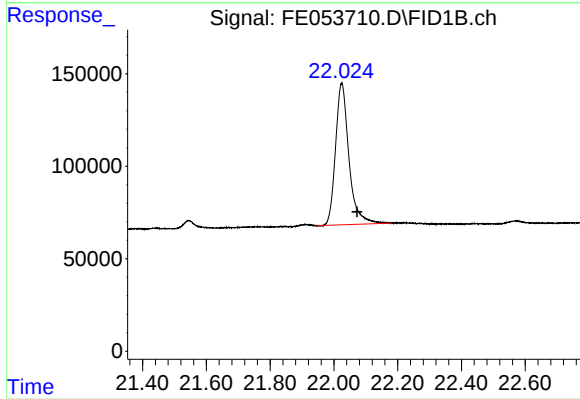
R.T.: 20.391 min
Delta R.T.: -0.031 min
Response: 2458614
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: -0.033 min
Response: 2312551
Conc: 18.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: -0.049 min
Response: 2229456
Conc: 18.67 ug/ml