

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054148.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 11:14
 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: Jun 03 12:21:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.837	3065342	18.862 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
12) S 1-chlorooctadecane (S...	13.282	2292057	19.334 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.184	2180681	16.135 ug/ml
2) T n-Decane (C10)	4.448	2256677	16.700 ug/ml
3) T A~Naphthalene (C11.7)	6.163	2524636	17.567 ug/ml
4) T n-Dodecane (C12)	6.630	2379079	17.441 ug/ml
5) T A~2-methylnaphthalene...	7.265	2496164	17.996 ug/ml
6) T n-Tetradecane (C14)	8.464	2423968	17.962 ug/ml
7) T n-Hexadecane (C16)	10.076	2502134	18.543 ug/ml
8) T n-Octadecane (C18)	11.523	2538981	18.855 ug/ml
10) T n-Eicosane (C20)	12.836	2516481	19.147 ug/ml
11) T n-Heneicosane (C21)	13.450	2487084	19.184 ug/ml
13) T n-Docosane (C22)	14.037	2500099	19.597 ug/ml
14) T n-Tetracosane (C24)	15.143	2546031	20.349 ug/ml
15) T n-Hexacosane (C26)	16.166	2506111	20.466 ug/ml
16) T n-Octacosane (C28)	17.117	2484149	20.435 ug/ml
17) T n-Tricontane (C30)	18.006	2524715	20.268 ug/ml
18) T n-Dotriacontane (C32)	18.841	2495668	19.957 ug/ml
19) T n-Tetratriacontane (C34)	19.625	2289337	19.219 ug/ml
20) T n-Hexatriacontane (C36)	20.366	2142075	18.500 ug/ml
21) T n-Octatriacontane (C38)	21.096	1952018	17.937 ug/ml
22) T n-Tetracontane (C40)	21.988	1822886	18.370 ug/ml

(f)=RT Delta > 1/2 Window

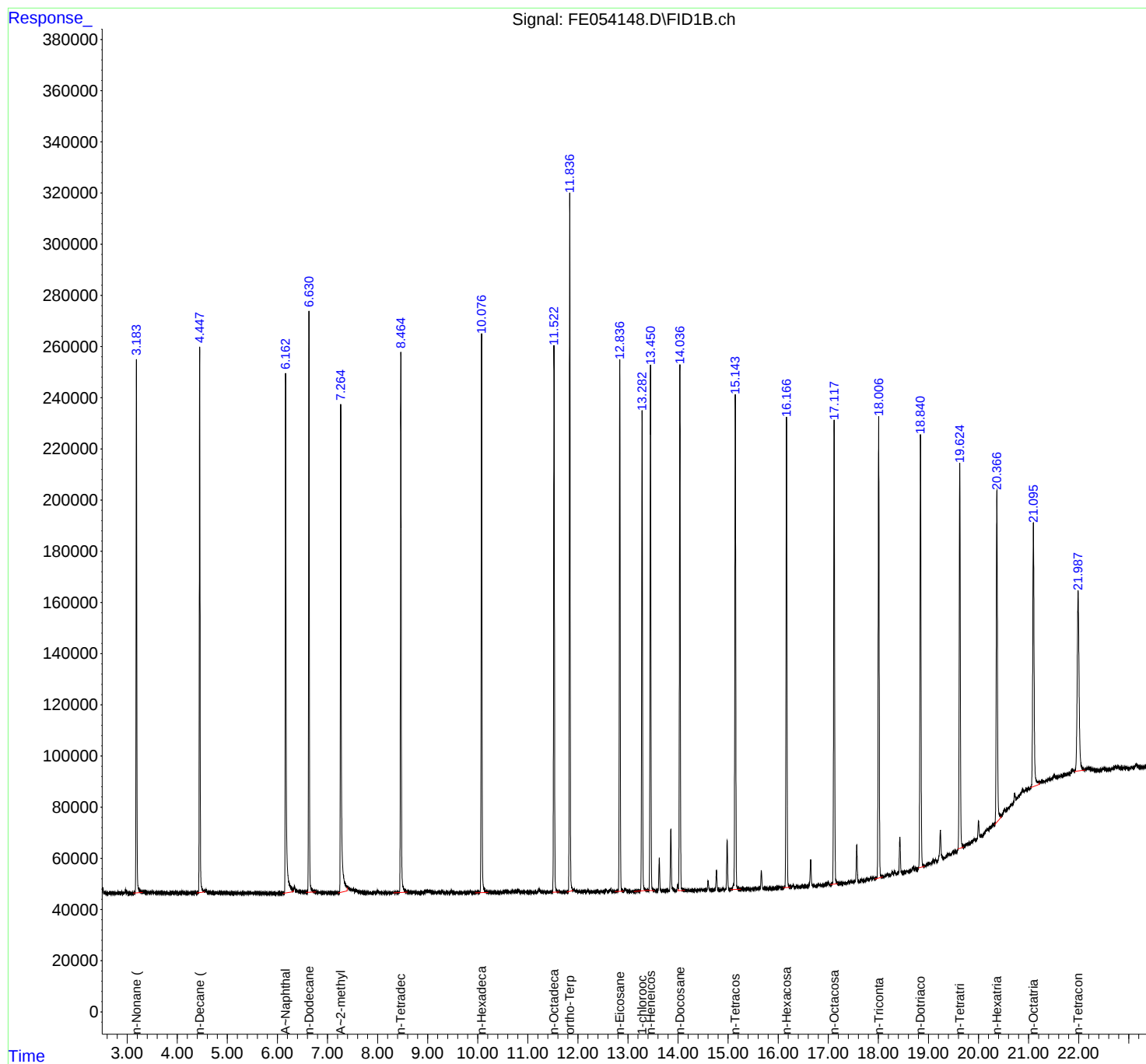
(m)=manual int.

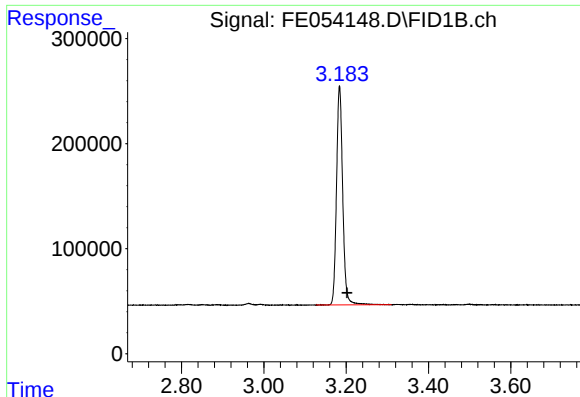
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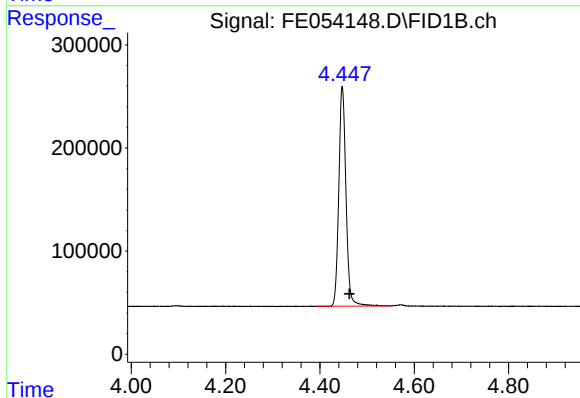




#1 n-Nonane (C9)

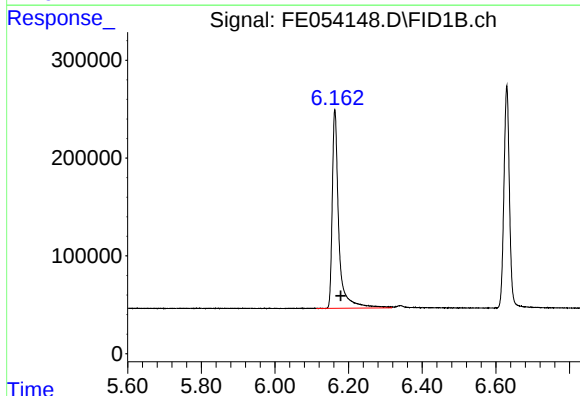
R.T.: 3.184 min
Delta R.T.: -0.018 min
Response: 2180681
Conc: 16.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



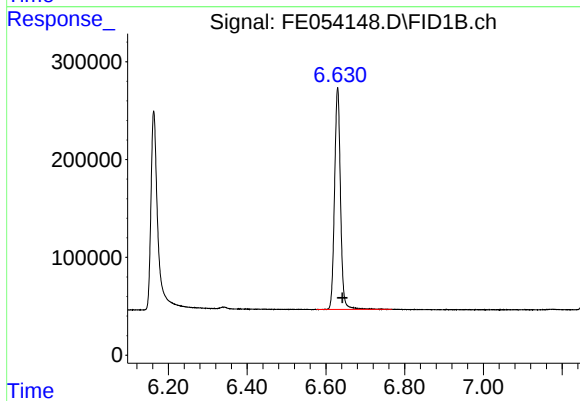
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.015 min
Response: 2256677
Conc: 16.70 ug/ml



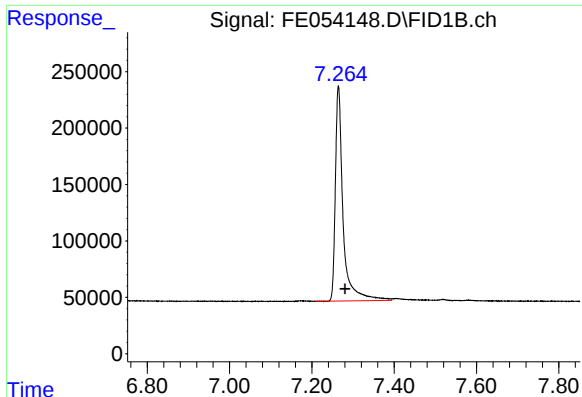
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.015 min
Response: 2524636
Conc: 17.57 ug/ml



#4 n-Dodecane (C12)

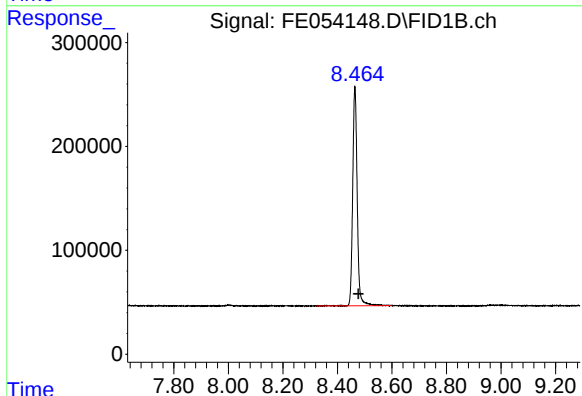
R.T.: 6.630 min
Delta R.T.: -0.013 min
Response: 2379079
Conc: 17.44 ug/ml



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

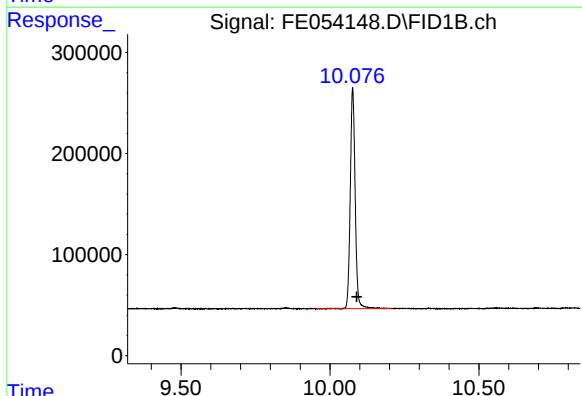
R.T.: 7.265 min
Delta R.T.: -0.016 min
Response: 2496164
Conc: 18.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



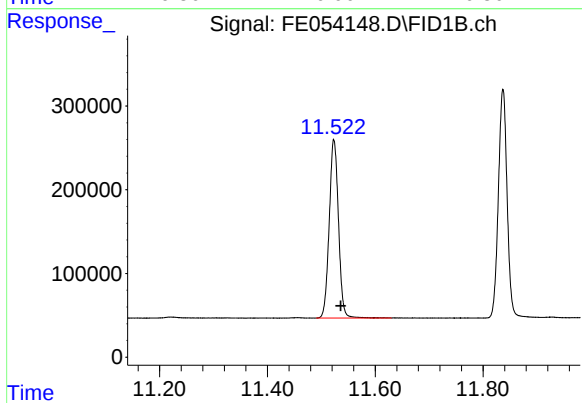
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.013 min
Response: 2423968
Conc: 17.96 ug/ml



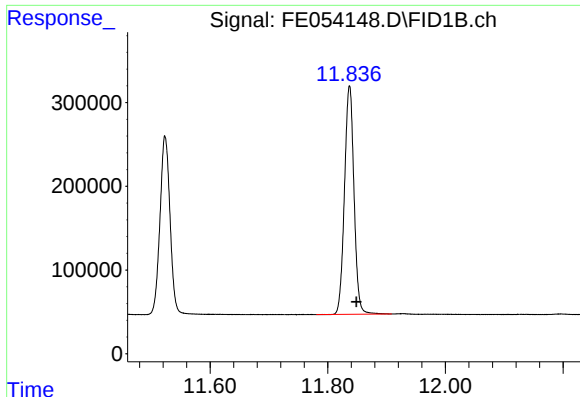
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.013 min
Response: 2502134
Conc: 18.54 ug/ml



#8 n-Octadecane (C18)

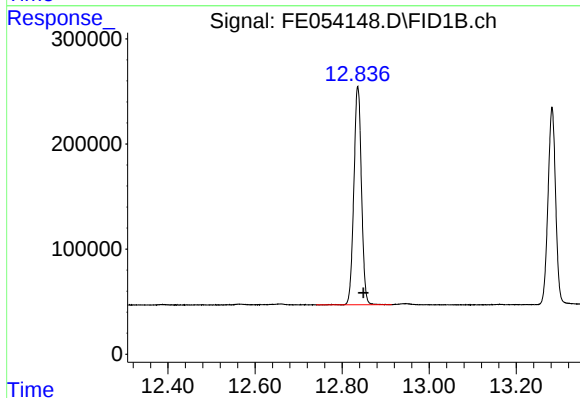
R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 2538981
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

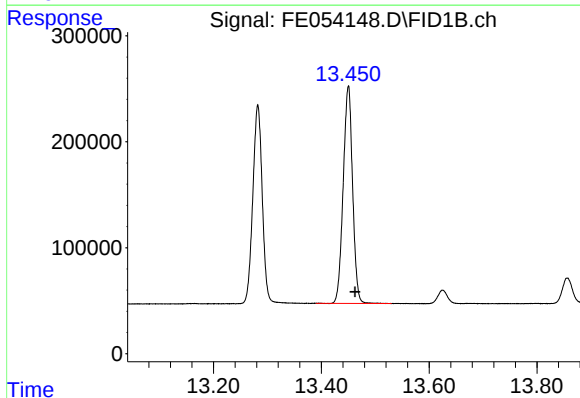
R.T.: 11.837 min
Delta R.T.: -0.012 min
Response: 3065342
Conc: 18.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



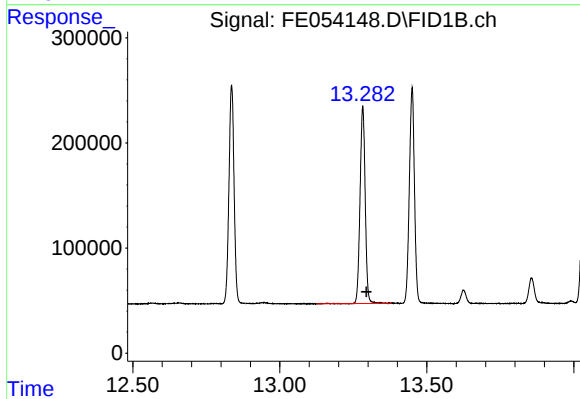
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.013 min
Response: 2516481
Conc: 19.15 ug/ml



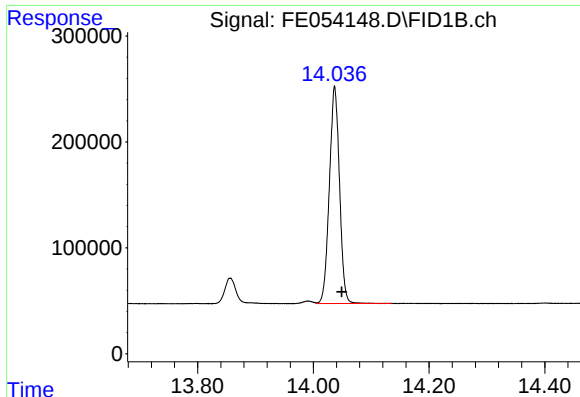
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.012 min
Response: 2487084
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

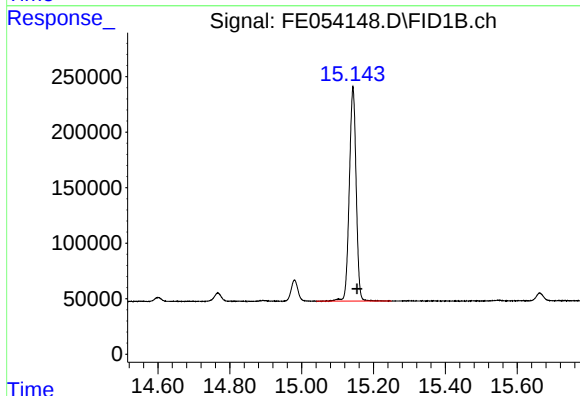
R.T.: 13.282 min
Delta R.T.: -0.012 min
Response: 2292057
Conc: 19.33 ug/ml



#13 n-Docosane (C22)

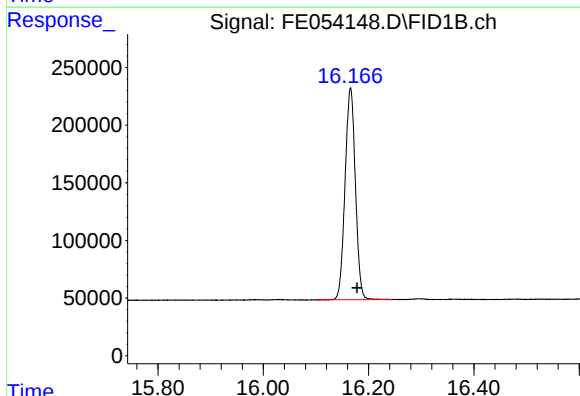
R.T.: 14.037 min
Delta R.T.: -0.012 min
Response: 2500099
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



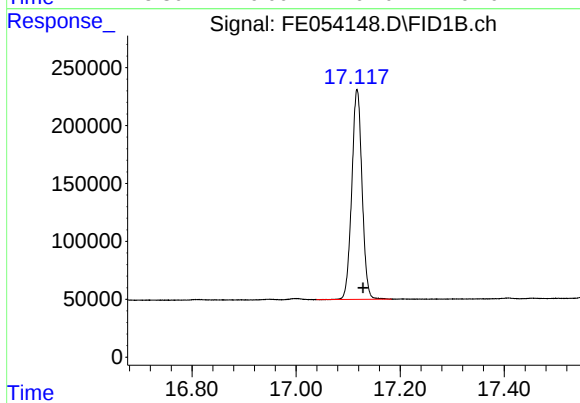
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.012 min
Response: 2546031
Conc: 20.35 ug/ml



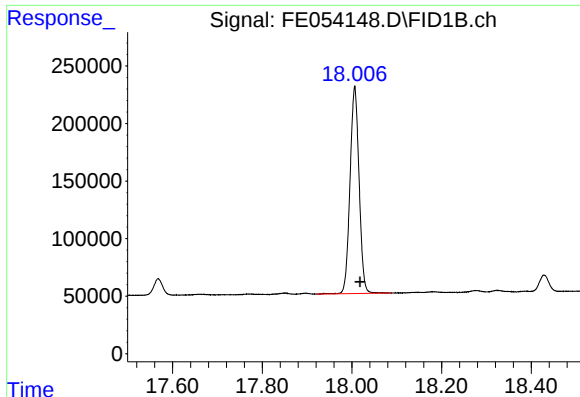
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.012 min
Response: 2506111
Conc: 20.47 ug/ml



#16 n-Octacosane (C28)

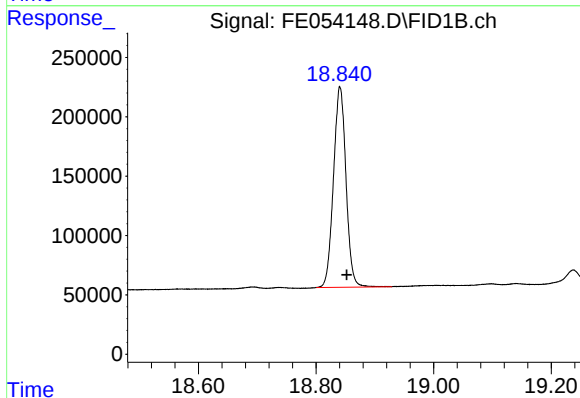
R.T.: 17.117 min
Delta R.T.: -0.011 min
Response: 2484149
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

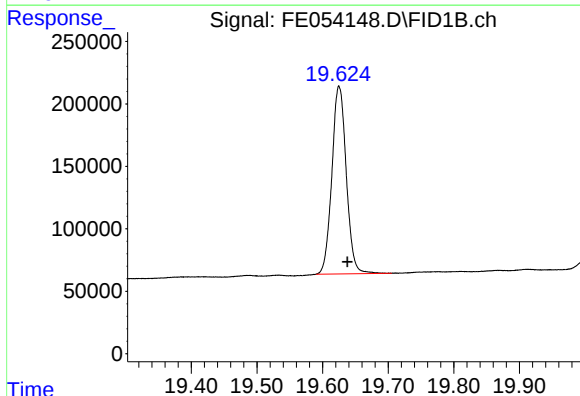
R.T.: 18.006 min
Delta R.T.: -0.012 min
Response: 2524715
Conc: 20.27 ug/ml

Instrument :
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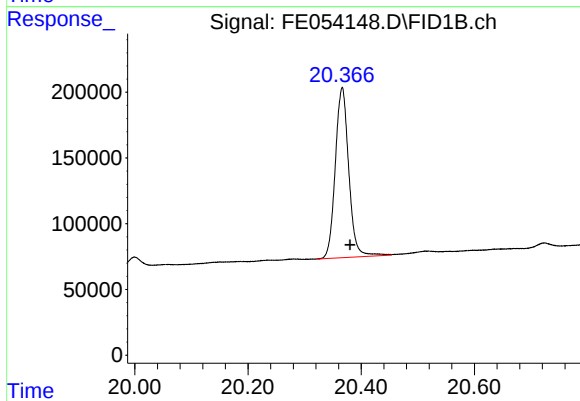
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.011 min
Response: 2495668
Conc: 19.96 ug/ml



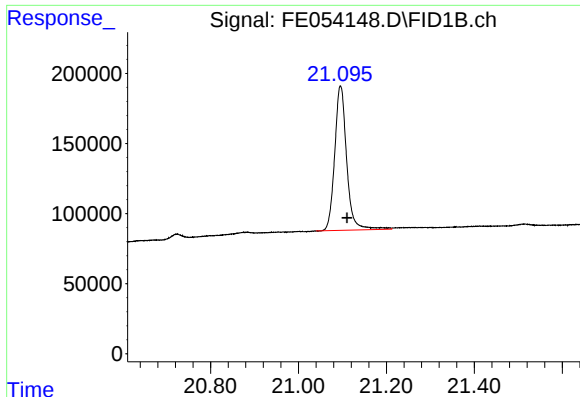
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.013 min
Response: 2289337
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

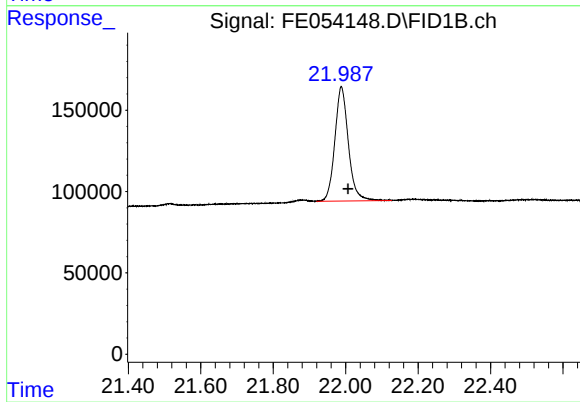
R.T.: 20.366 min
Delta R.T.: -0.014 min
Response: 2142075
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.015 min
Response: 1952018
Conc: 17.94 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.019 min
Response: 1822886
Conc: 18.37 ug/ml