

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031124AL\
 Data File : FE047160.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2024 08:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 01:23:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.780	3360894	20.456 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
12) S 1-chlorooctadecane (S...	13.221	2521636	20.485 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	3.171	2881557	18.896 ug/ml
2) T n-Decane (C10)	4.422	3070372	19.824 ug/ml
3) T A~Naphthalene (C11.7)	6.129	3020525	19.178 ug/ml
4) T n-Dodecane (C12)	6.590	3124370	20.094 ug/ml
5) T A~2-methylnaphthalene...	7.227	2826930	19.714 ug/ml
6) T n-Tetradecane (C14)	8.416	3137251	20.345 ug/ml
7) T n-Hexadecane (C16)	10.024	3259587	20.544 ug/ml
8) T n-Octadecane (C18)	11.466	3315670	20.799 ug/ml
10) T n-Eicosane (C20)	12.775	3135585	20.715 ug/ml
11) T n-Heneicosane (C21)	13.388	3051972	20.610 ug/ml
13) T n-Docosane (C22)	13.974	3045661	20.933 ug/ml
14) T n-Tetracosane (C24)	15.077	3062650	21.445 ug/ml
15) T n-Hexacosane (C26)	16.098	3026031	21.655 ug/ml
16) T n-Octacosane (C28)	17.049	2950444	21.656 ug/ml
17) T n-Tricontane (C30)	17.937	3392210	24.314 ug/ml
18) T n-Dotriacontane (C32)	18.771	3384321	24.595 ug/ml
19) T n-Tetratriacontane (C34)	19.555	3211760	23.909 ug/ml
20) T n-Hexatriacontane (C36)	20.296	3046071	22.875 ug/ml
21) T n-Octatriacontane (C38)	21.015	3031677	22.003 ug/ml
22) T n-Tetracontane (C40)	21.887	2959164	20.974 ug/ml

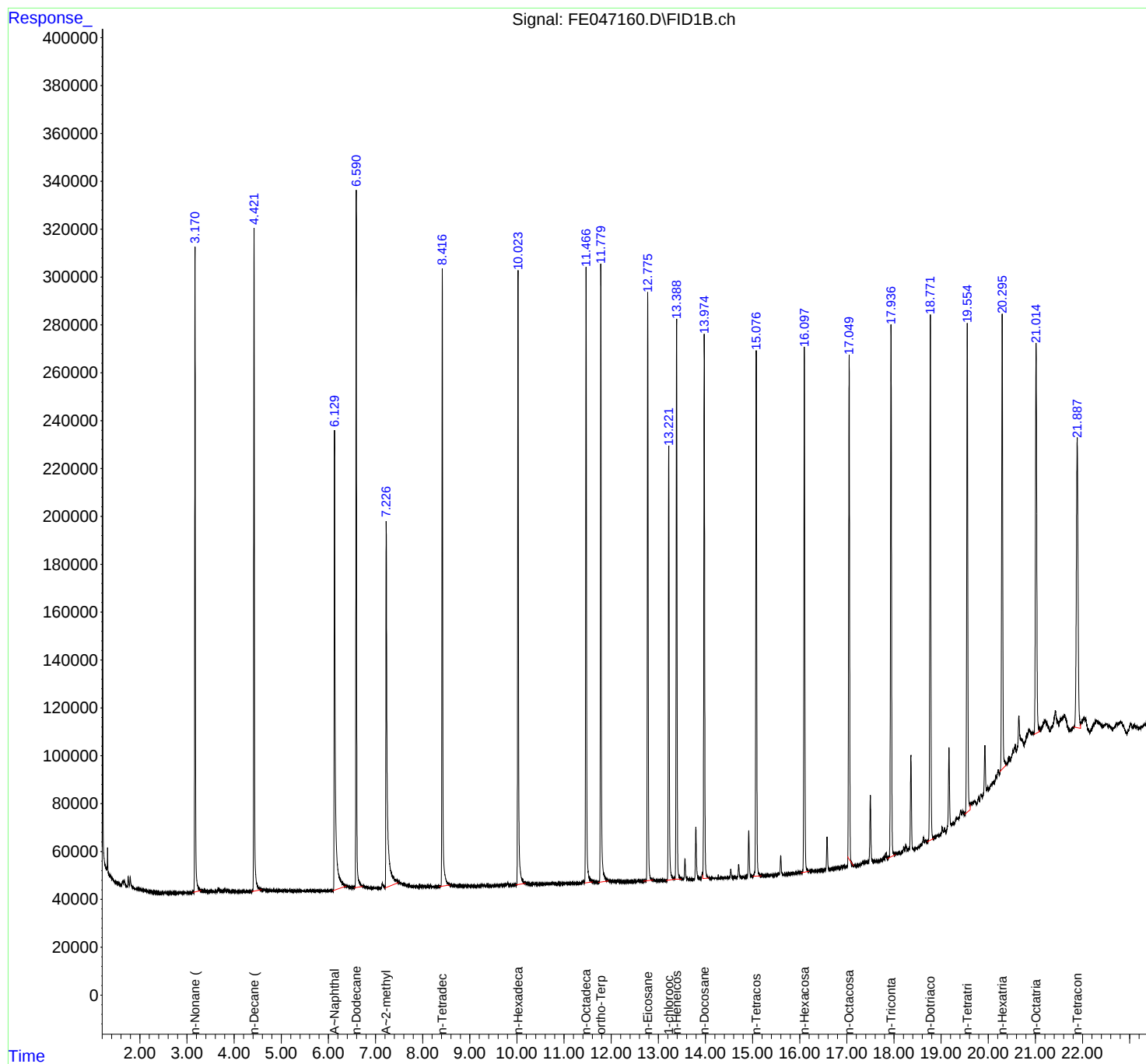
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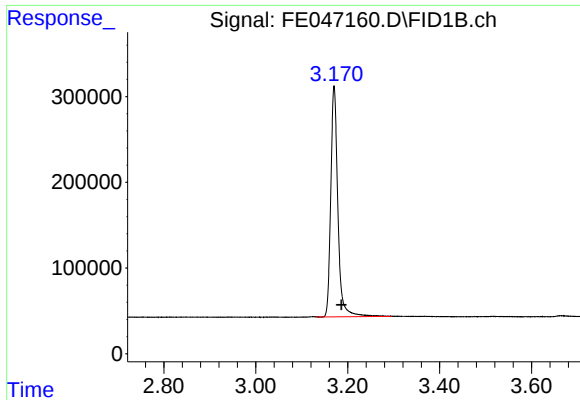
(m)=manual int.

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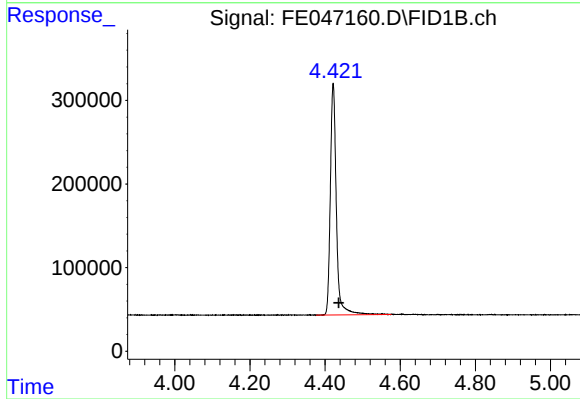
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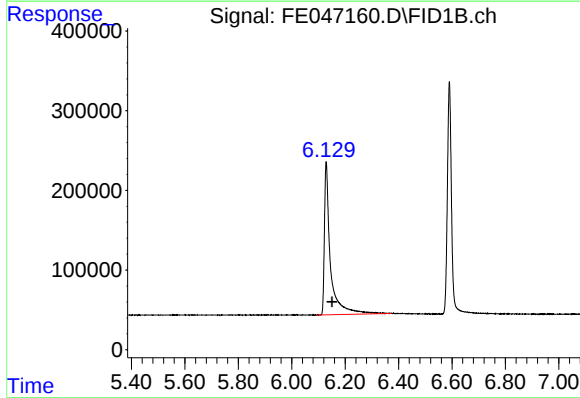
#1 n-Nonane (C9)

R.T.: 3.171 min
Delta R.T.: -0.015 min
Response: 2881557
Conc: 18.90 ug/ml



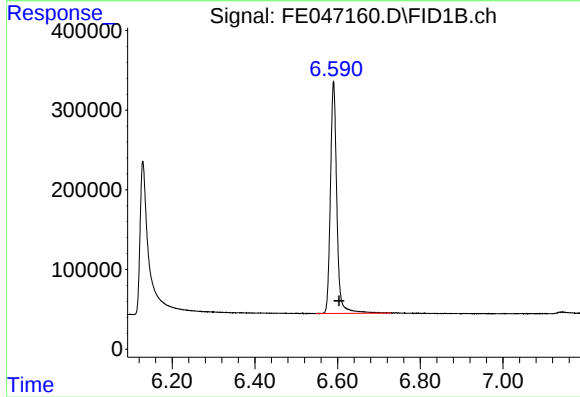
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.015 min
Response: 3070372
Conc: 19.82 ug/ml



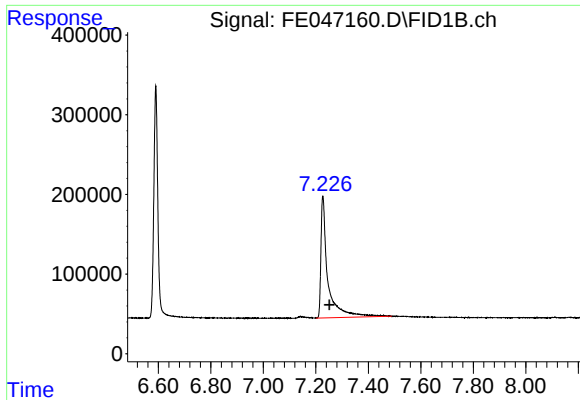
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: -0.022 min
Response: 3020525
Conc: 19.18 ug/ml



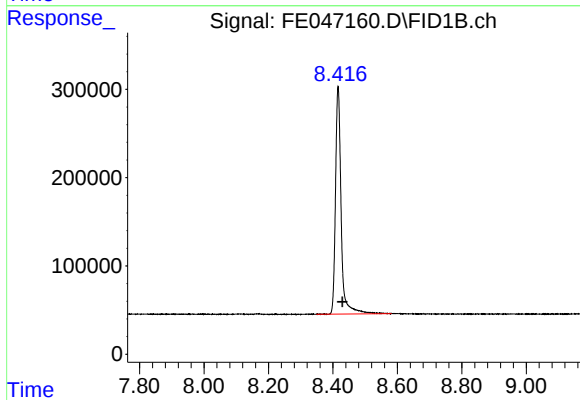
#4 n-Dodecane (C12)

R.T.: 6.590 min
Delta R.T.: -0.014 min
Response: 3124370
Conc: 20.09 ug/ml



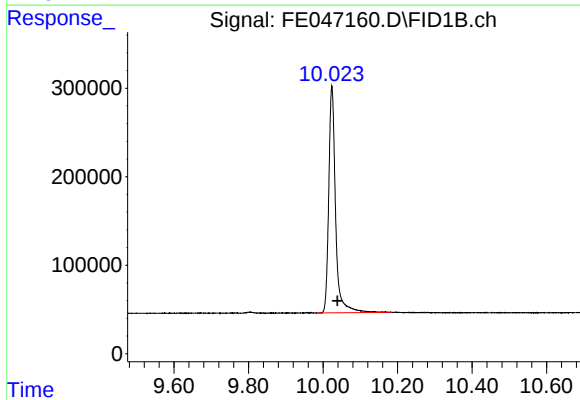
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.227 min
Delta R.T.: -0.026 min
Response: 2826930
Conc: 19.71 ug/ml



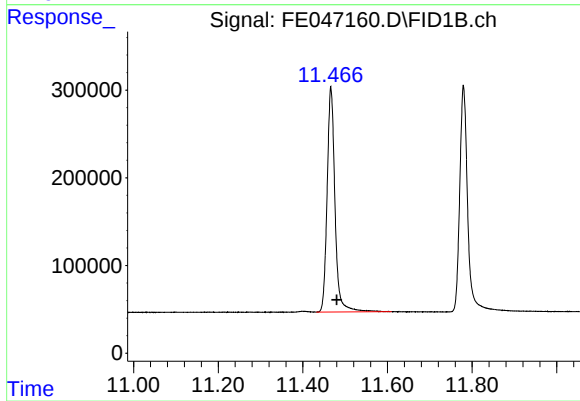
#6 n-Tetradecane (C14)

R.T.: 8.416 min
Delta R.T.: -0.013 min
Response: 3137251
Conc: 20.35 ug/ml



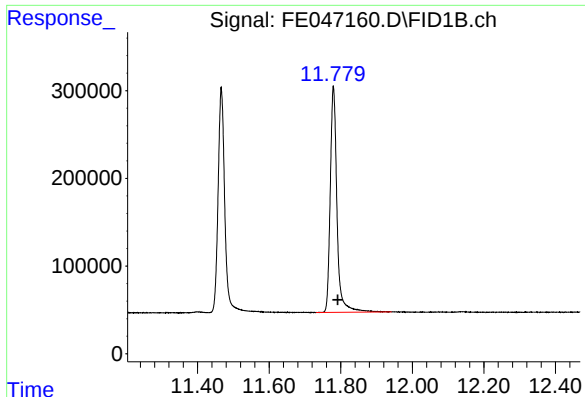
#7 n-Hexadecane (C16)

R.T.: 10.024 min
Delta R.T.: -0.015 min
Response: 3259587
Conc: 20.54 ug/ml



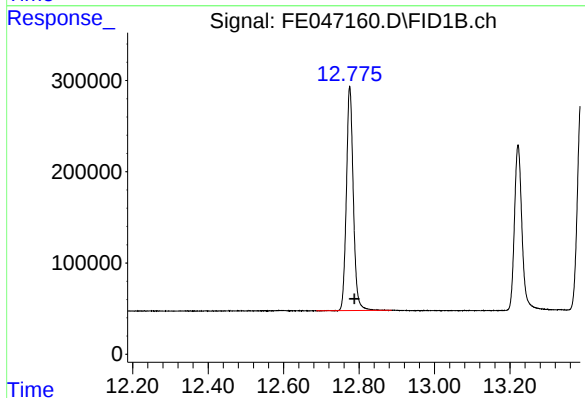
#8 n-Octadecane (C18)

R.T.: 11.466 min
Delta R.T.: -0.014 min
Response: 3315670
Conc: 20.80 ug/ml



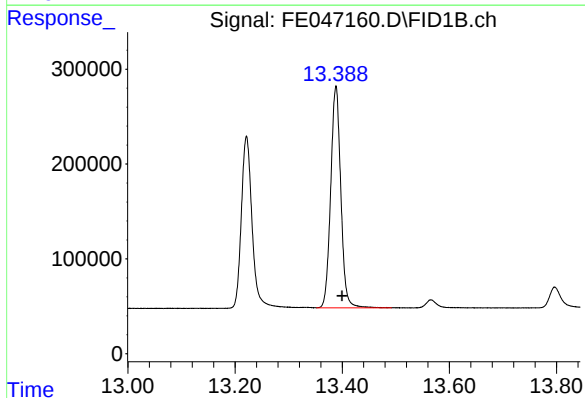
#9 ortho-Terphenyl (SURR)

R.T.: 11.780 min
Delta R.T.: -0.012 min
Response: 3360894
Conc: 20.46 ug/ml



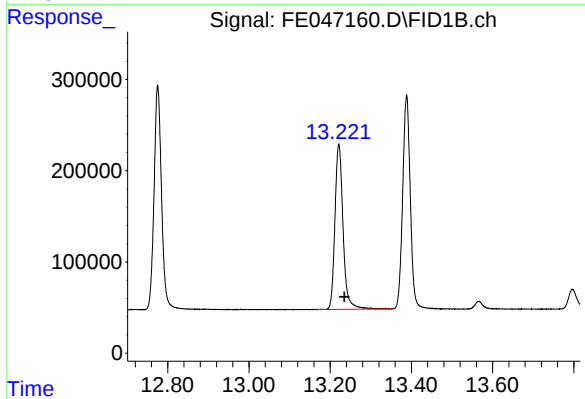
#10 n-Eicosane (C20)

R.T.: 12.775 min
Delta R.T.: -0.012 min
Response: 3135585
Conc: 20.72 ug/ml



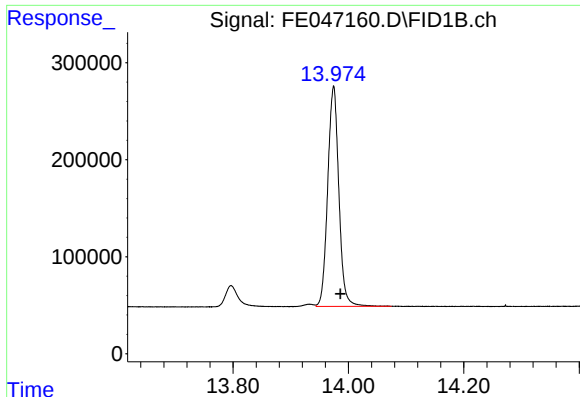
#11 n-Heneicosane (C21)

R.T.: 13.388 min
Delta R.T.: -0.011 min
Response: 3051972
Conc: 20.61 ug/ml



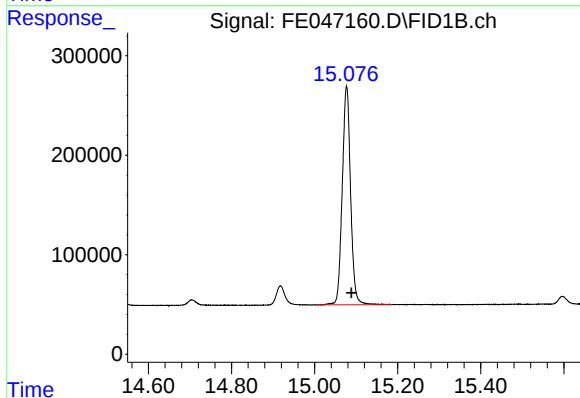
#12 1-chlorooctadecane (SURR)

R.T.: 13.221 min
Delta R.T.: -0.013 min
Response: 2521636
Conc: 20.48 ug/ml



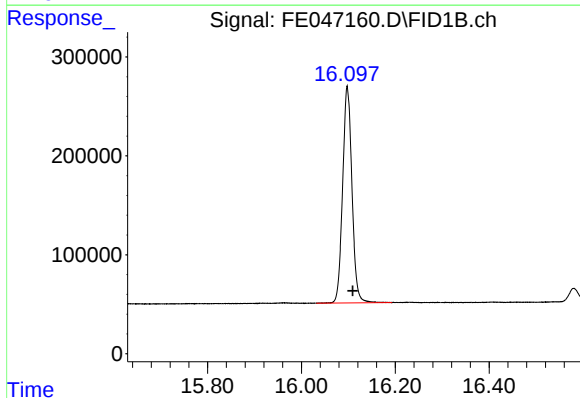
#13 n-Docosane (C22)

R.T.: 13.974 min
Delta R.T.: -0.012 min
Response: 3045661
Conc: 20.93 ug/ml



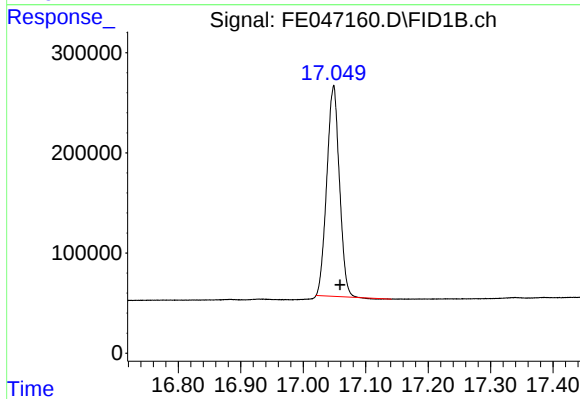
#14 n-Tetracosane (C24)

R.T.: 15.077 min
Delta R.T.: -0.012 min
Response: 3062650
Conc: 21.44 ug/ml



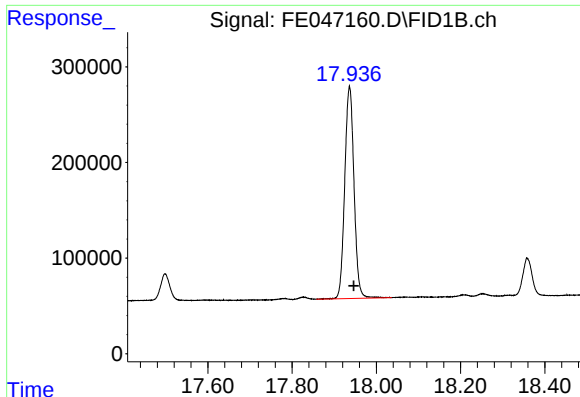
#15 n-Hexacosane (C26)

R.T.: 16.098 min
Delta R.T.: -0.012 min
Response: 3026031
Conc: 21.65 ug/ml



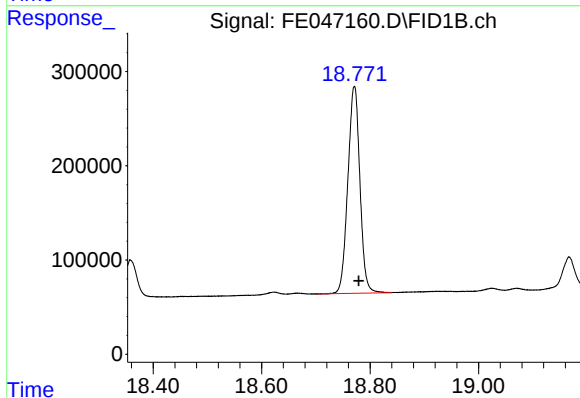
#16 n-Octacosane (C28)

R.T.: 17.049 min
Delta R.T.: -0.010 min
Response: 2950444
Conc: 21.66 ug/ml



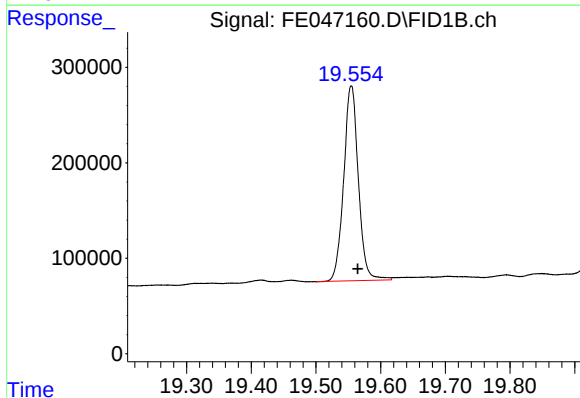
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.010 min
Response: 3392210
Conc: 24.31 ug/ml



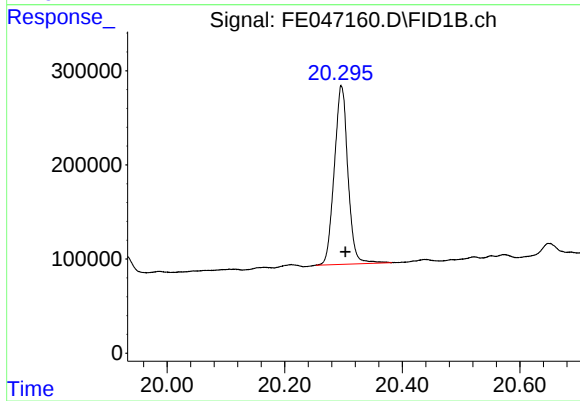
#18 n-Dotriacontane (C32)

R.T.: 18.771 min
Delta R.T.: -0.008 min
Response: 3384321
Conc: 24.59 ug/ml



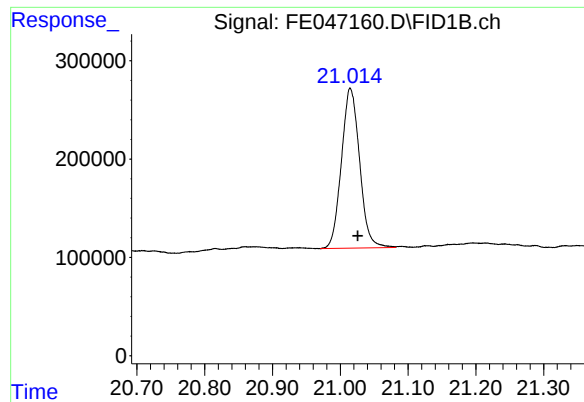
#19 n-Tetratriacontane (C34)

R.T.: 19.555 min
Delta R.T.: -0.010 min
Response: 3211760
Conc: 23.91 ug/ml



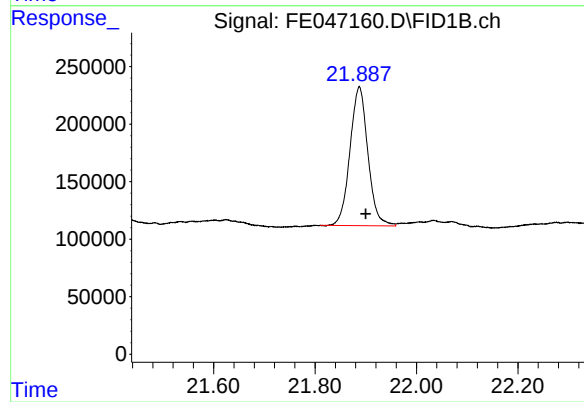
#20 n-Hexatriacontane (C36)

R.T.: 20.296 min
Delta R.T.: -0.007 min
Response: 3046071
Conc: 22.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: -0.011 min
Response: 3031677
Conc: 22.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.887 min
Delta R.T.: -0.013 min
Response: 2959164
Conc: 20.97 ug/ml