

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012624AL\
 Data File : FE046408.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2024 11:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:31:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.825	3454006	18.679 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	13.268	2615134	18.381 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.213	3129163	19.372 ug/ml
2) T n-Decane (C10)	4.463	3176454	19.382 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3336361	19.511 ug/ml
4) T n-Dodecane (C12)	6.630	3208613	19.398 ug/ml
5) T A~2-methylnaphthalene...	7.263	3130763	19.630 ug/ml
6) T n-Tetradecane (C14)	8.456	3154847	19.249 ug/ml
7) T n-Hexadecane (C16)	10.066	3250166	19.020 ug/ml
8) T n-Octadecane (C18)	11.511	3283653	18.835 ug/ml
10) T n-Eicosane (C20)	12.821	3149900	18.552 ug/ml
11) T n-Heneicosane (C21)	13.435	3073752	18.429 ug/ml
13) T n-Docosane (C22)	14.022	3043540	18.371 ug/ml
14) T n-Tetracosane (C24)	15.128	3013192	18.261 ug/ml
15) T n-Hexacosane (C26)	16.151	2924720	18.121 ug/ml
16) T n-Octacosane (C28)	17.103	2841273	18.099 ug/ml
17) T n-Tricontane (C30)	17.993	3144708	20.077 ug/ml
18) T n-Dotriacontane (C32)	18.830	2648820	17.523 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2667061	18.804 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2262106	16.411 ug/ml
21) T n-Octatriacontane (C38)	21.088	2363800	18.439 ug/ml
22) T n-Tetracontane (C40)	21.983	2981322	23.844 ug/ml

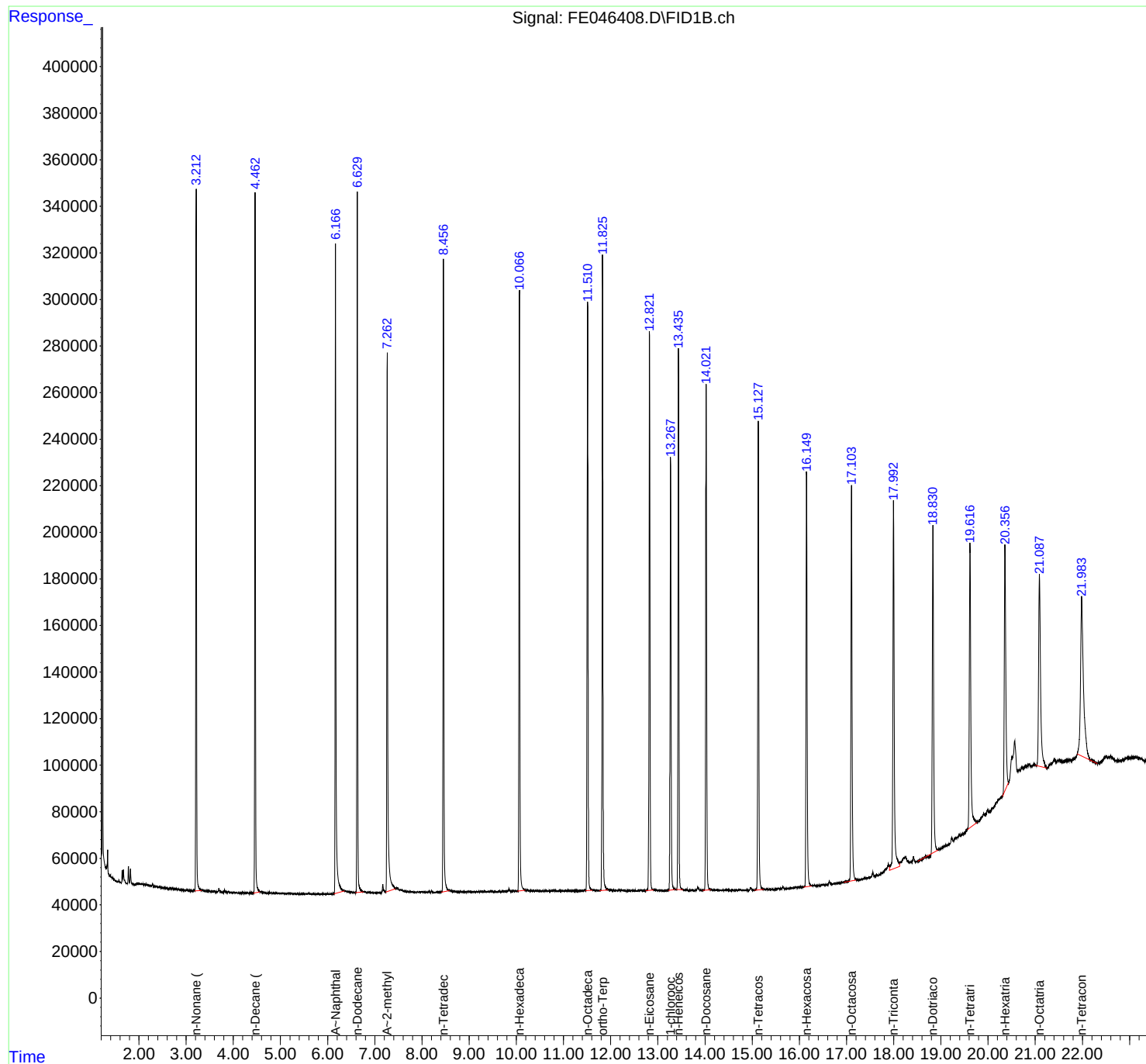
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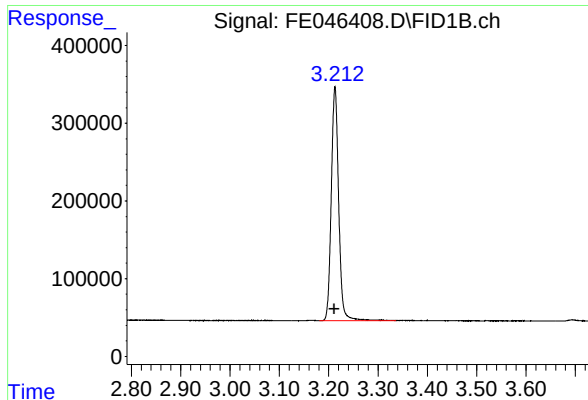
(m)=manual int.

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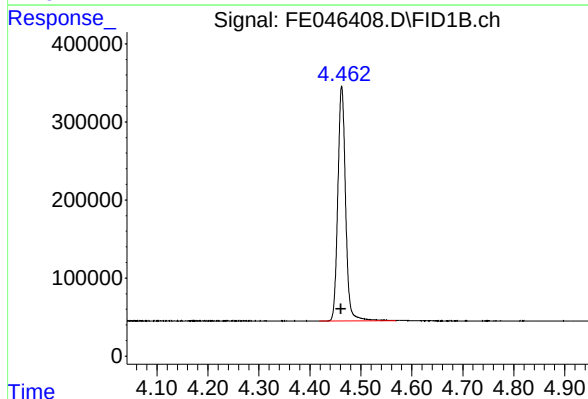
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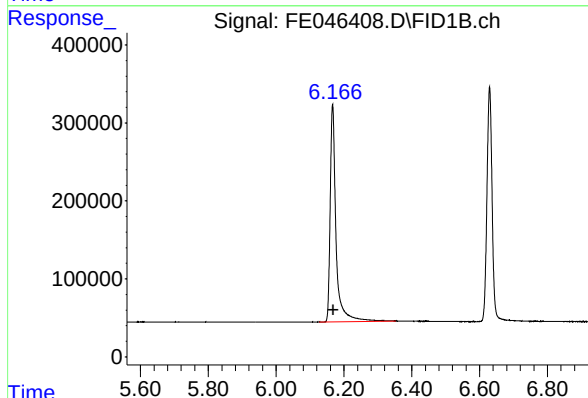
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: 0.000 min
Response: 3129163
Conc: 19.37 ug/ml



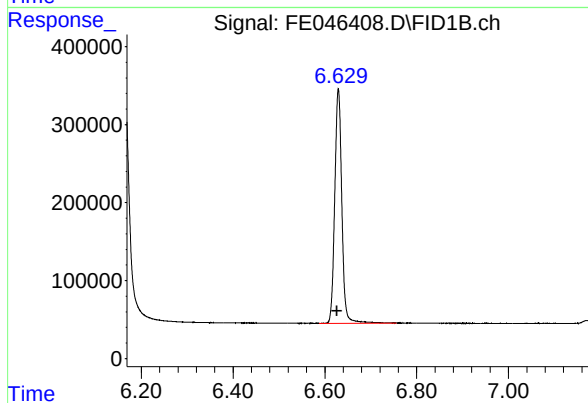
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: 0.002 min
Response: 3176454
Conc: 19.38 ug/ml



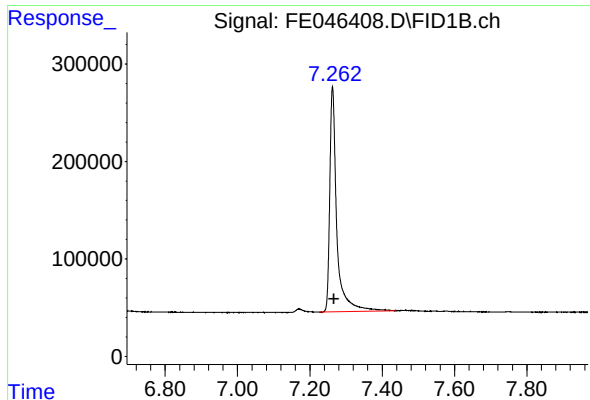
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 3336361
Conc: 19.51 ug/ml



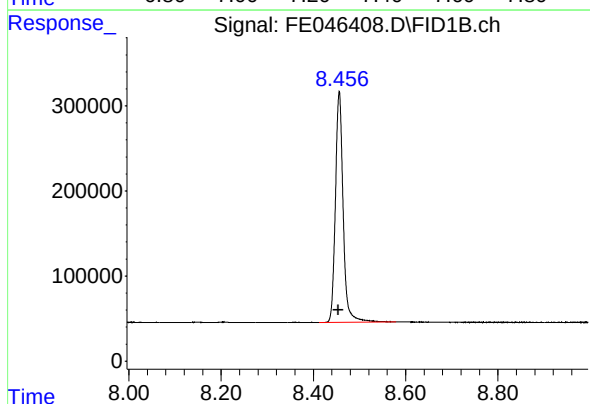
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 3208613
Conc: 19.40 ug/ml



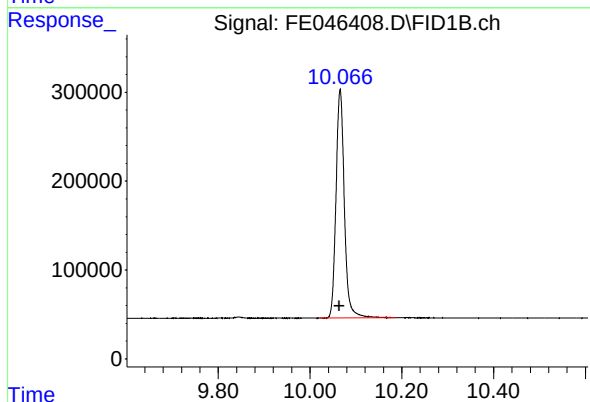
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.005 min
Response: 3130763
Conc: 19.63 ug/ml



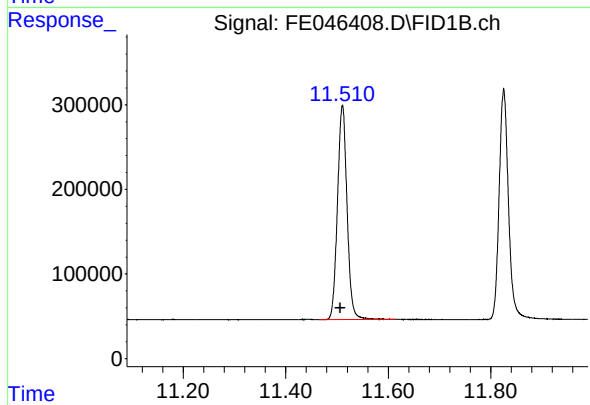
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 3154847
Conc: 19.25 ug/ml



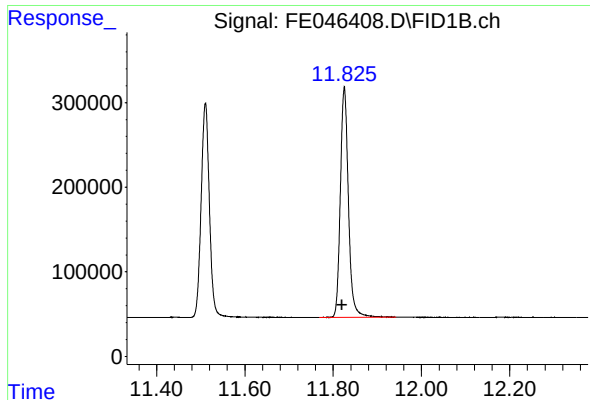
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: 0.002 min
Response: 3250166
Conc: 19.02 ug/ml



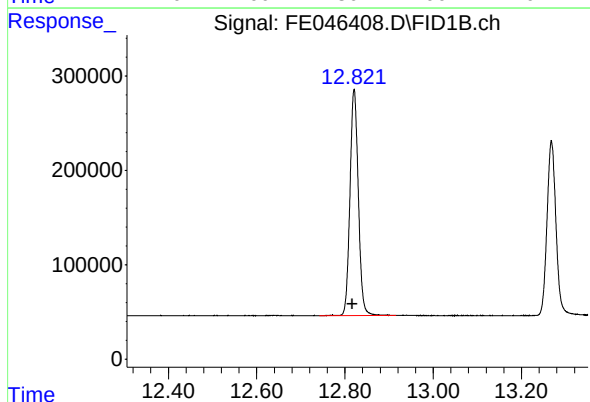
#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: 0.004 min
Response: 3283653
Conc: 18.83 ug/ml



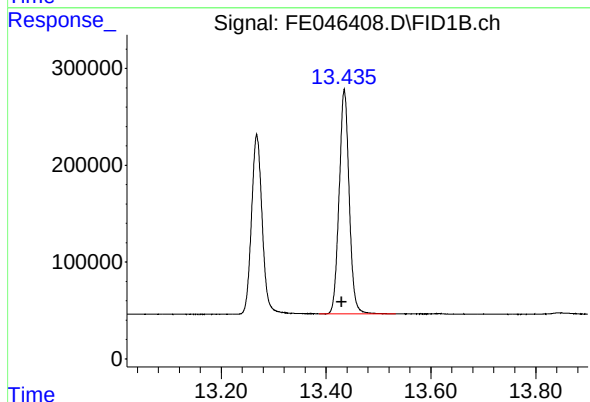
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: 0.005 min
Response: 3454006
Conc: 18.68 ug/ml



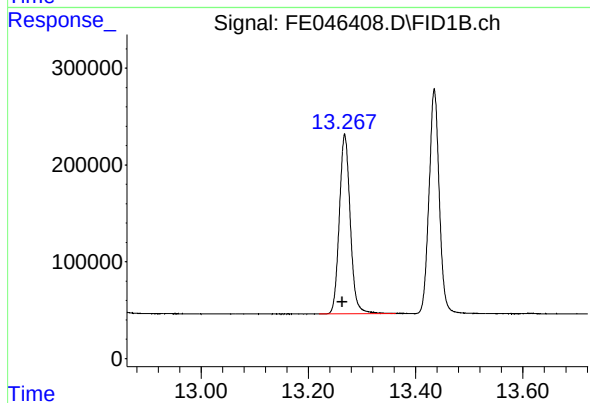
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: 0.004 min
Response: 3149900
Conc: 18.55 ug/ml



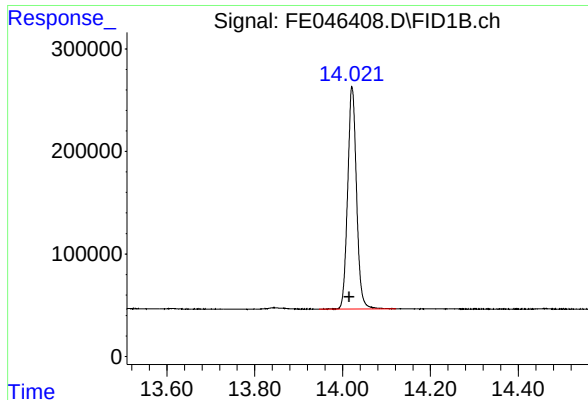
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: 0.006 min
Response: 3073752
Conc: 18.43 ug/ml



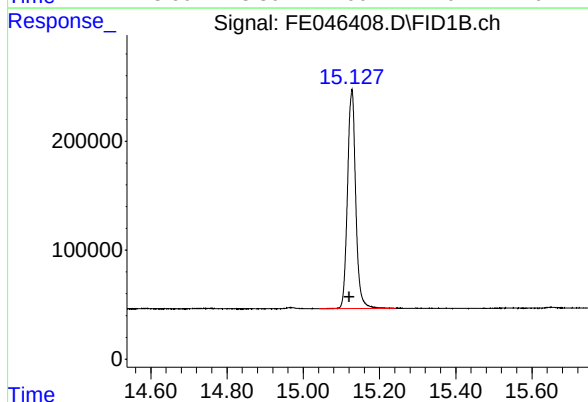
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: 0.004 min
Response: 2615134
Conc: 18.38 ug/ml



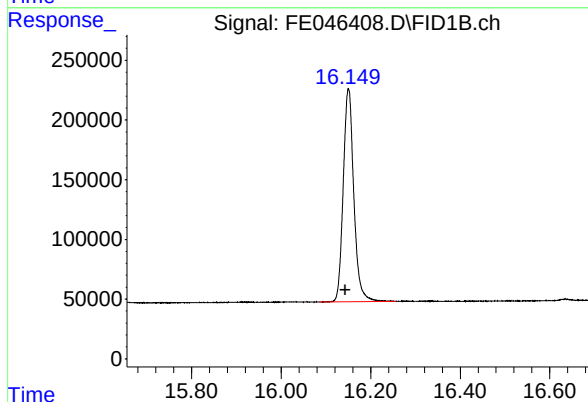
#13 n-Docosane (C22)

R.T.: 14.022 min
Delta R.T.: 0.005 min
Response: 3043540
Conc: 18.37 ug/ml



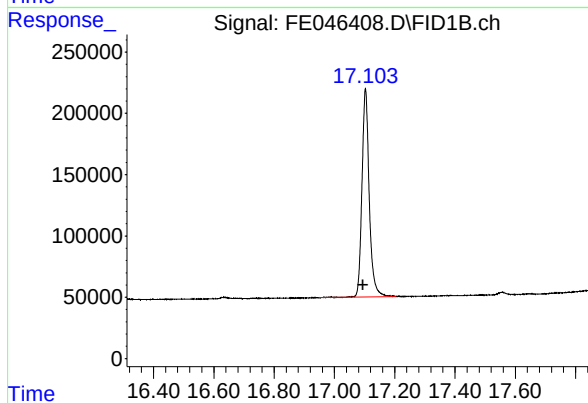
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: 0.007 min
Response: 3013192
Conc: 18.26 ug/ml



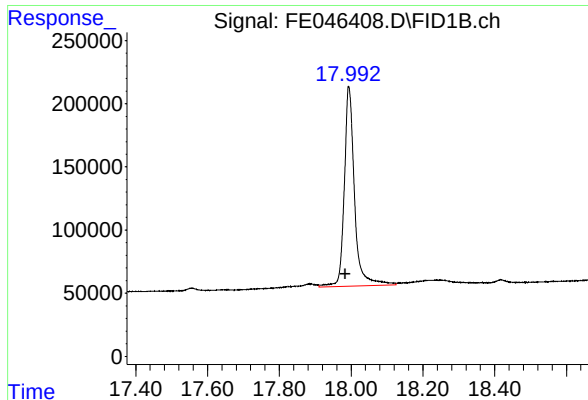
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: 0.007 min
Response: 2924720
Conc: 18.12 ug/ml



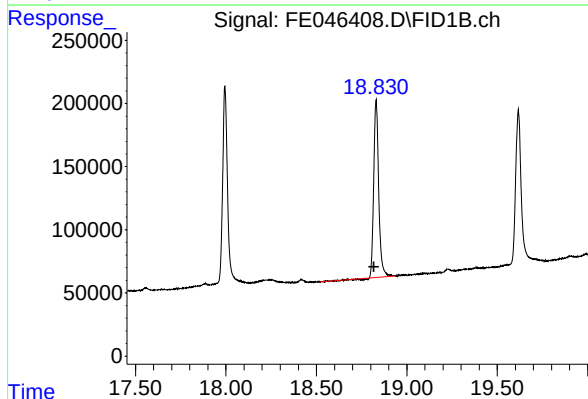
#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: 0.008 min
Response: 2841273
Conc: 18.10 ug/ml



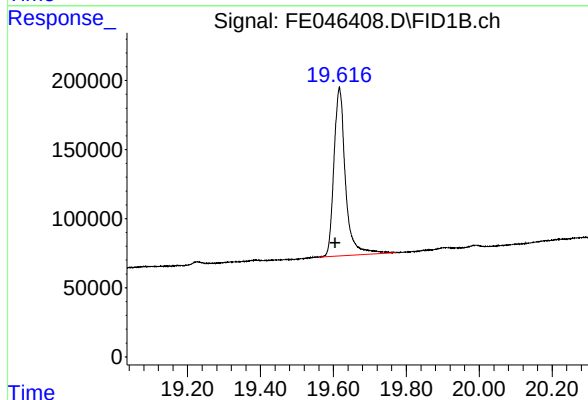
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: 0.010 min
Response: 3144708
Conc: 20.08 ug/ml



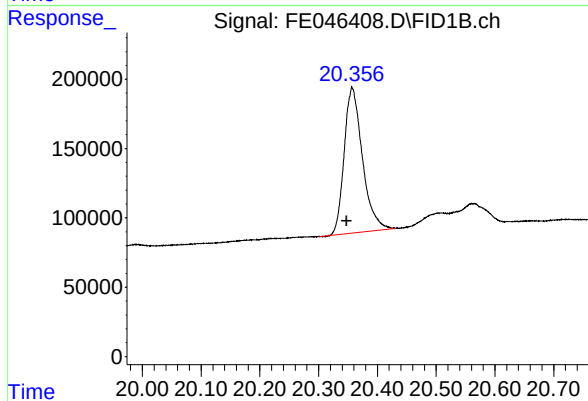
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: 0.011 min
Response: 2648820
Conc: 17.52 ug/ml



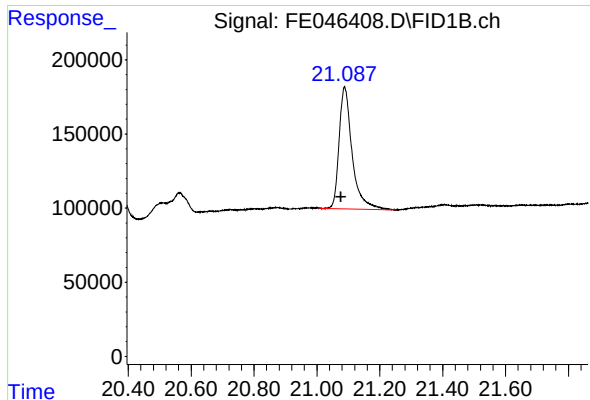
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min
Delta R.T.: 0.011 min
Response: 2667061
Conc: 18.80 ug/ml



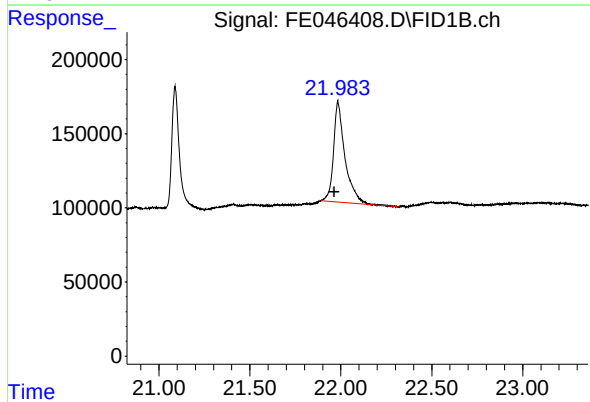
#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: 0.010 min
Response: 2262106
Conc: 16.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.011 min
Response: 2363800
Conc: 18.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.018 min
Response: 2981322
Conc: 23.84 ug/ml