

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030624AL\
 Data File : FE047113.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2024 11:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 07 00:34:52 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)	11.781	3024744	18.410 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.222	2285721	18.568 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
Target Compounds			
1) T n-Nonane (C9)	3.173	2629845	17.246 ug/ml
2) T n-Decane (C10)	4.425	2786639	17.992 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2726864	17.313 ug/ml
4) T n-Dodecane (C12)	6.593	2833716	18.225 ug/ml
5) T A~2-methylnaphthalene...	7.230	2464155	17.184 ug/ml
6) T n-Tetradecane (C14)	8.419	2838445	18.408 ug/ml
7) T n-Hexadecane (C16)	10.026	2941286	18.538 ug/ml
8) T n-Octadecane (C18)	11.469	2984367	18.720 ug/ml
10) T n-Eicosane (C20)	12.777	2830891	18.702 ug/ml
11) T n-Heneicosane (C21)	13.389	2751034	18.578 ug/ml
13) T n-Docosane (C22)	13.976	2747237	18.882 ug/ml
14) T n-Tetracosane (C24)	15.078	2758936	19.318 ug/ml
15) T n-Hexacosane (C26)	16.099	2722335	19.481 ug/ml
16) T n-Octacosane (C28)	17.049	2666027	19.569 ug/ml
17) T n-Tricontane (C30)	17.937	2975436	21.327 ug/ml
18) T n-Dotriacontane (C32)	18.769	3006857	21.852 ug/ml
19) T n-Tetratriacontane (C34)	19.553	2840446	21.144 ug/ml
20) T n-Hexatriacontane (C36)	20.295	2763949	20.756 ug/ml
21) T n-Octatriacontane (C38)	21.016	2740837	19.892 ug/ml
22) T n-Tetracontane (C40)	21.884	2791039	19.782 ug/ml

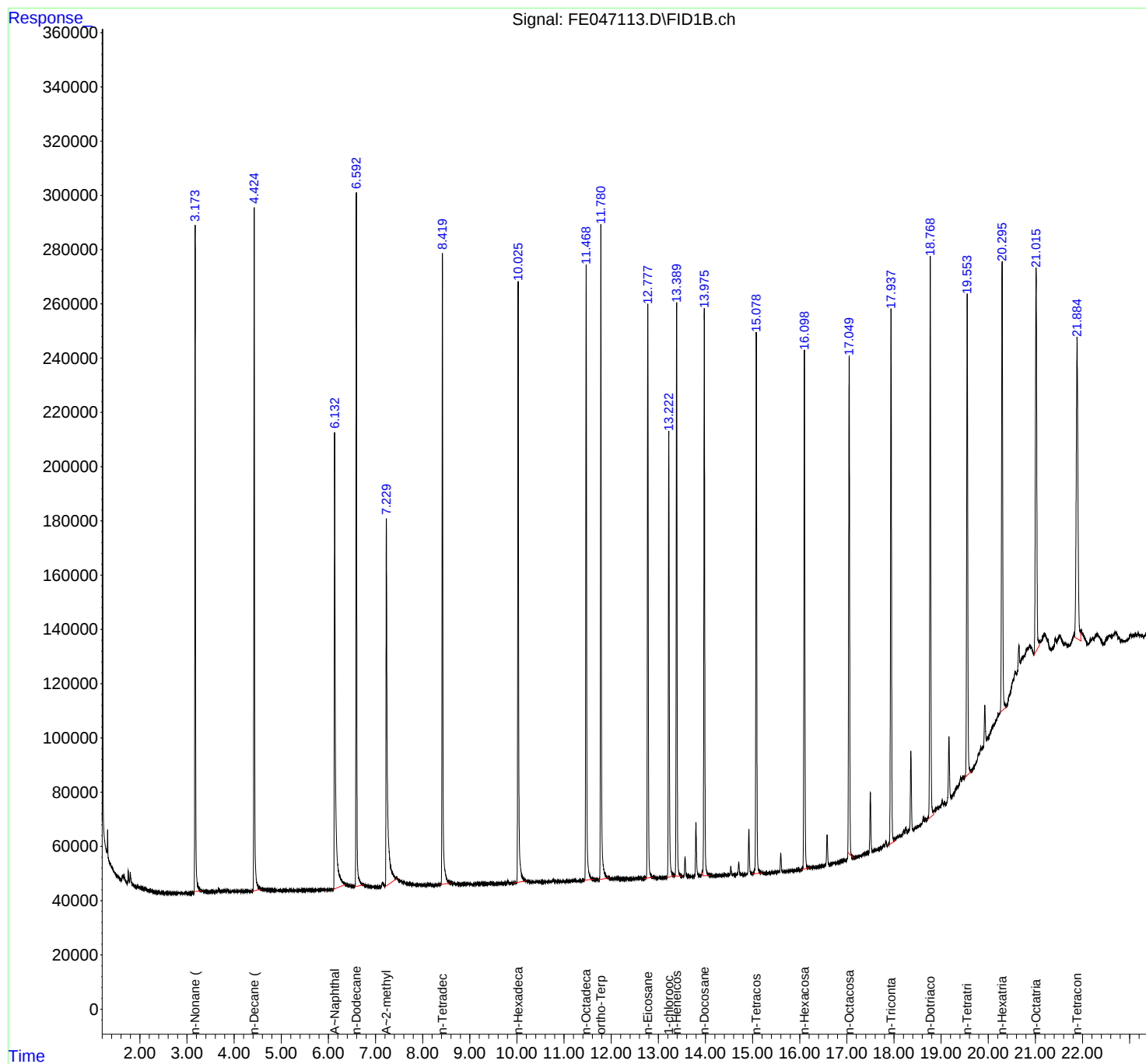
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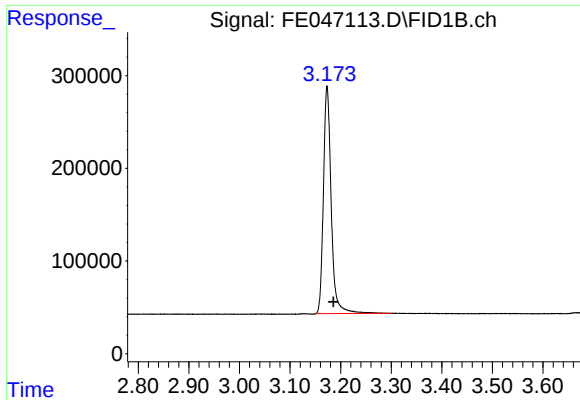
(m)=manual int.

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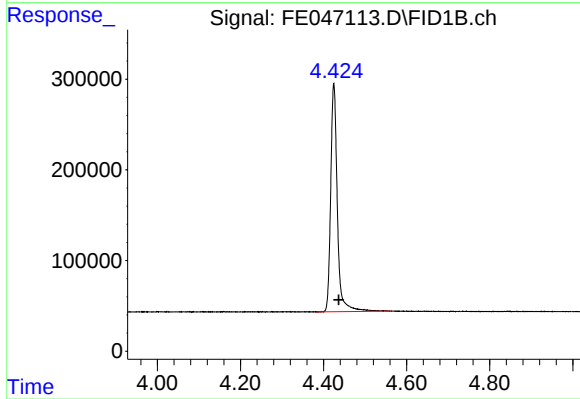
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Signal Info : 20M x 0.18mm x 0.18um





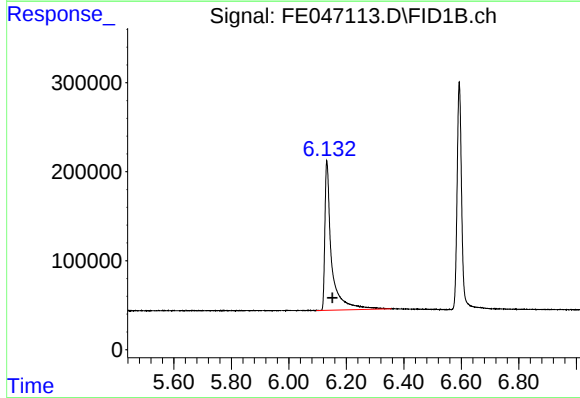
#1 n-Nonane (C9)

R.T.: 3.173 min
Delta R.T.: -0.013 min
Response: 2629845
Conc: 17.25 ug/ml



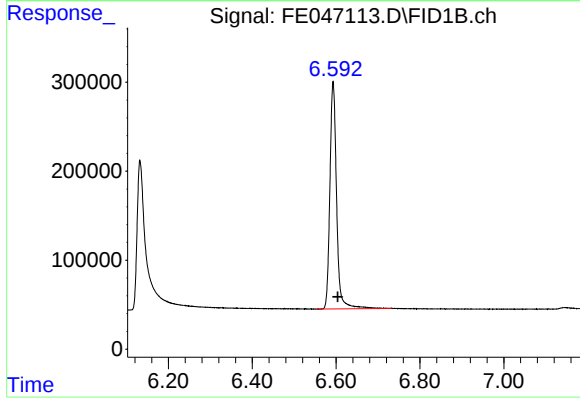
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.012 min
Response: 2786639
Conc: 17.99 ug/ml



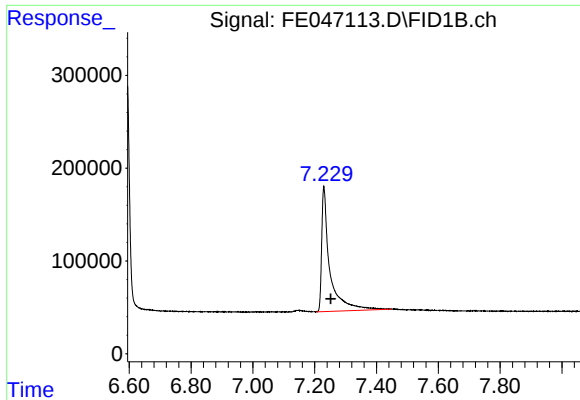
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.019 min
Response: 2726864
Conc: 17.31 ug/ml



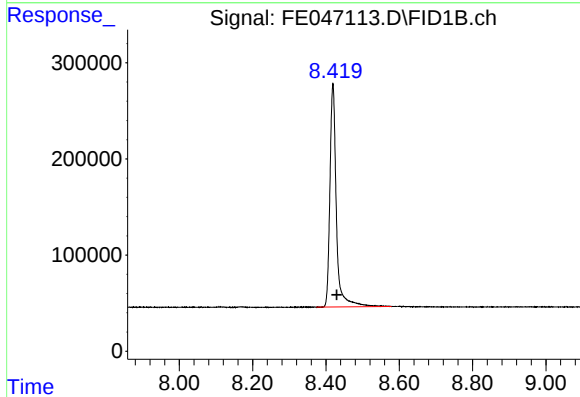
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 2833716
Conc: 18.23 ug/ml



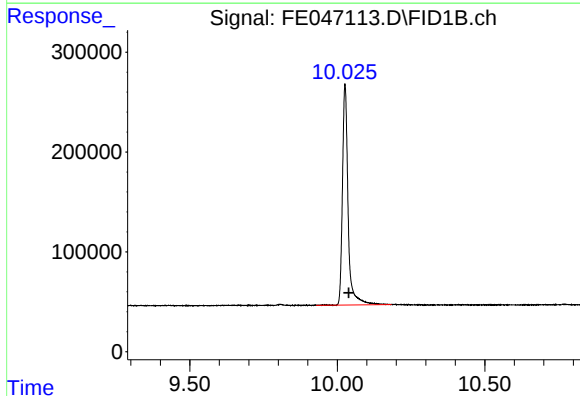
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.230 min
Delta R.T.: -0.023 min
Response: 2464155
Conc: 17.18 ug/ml



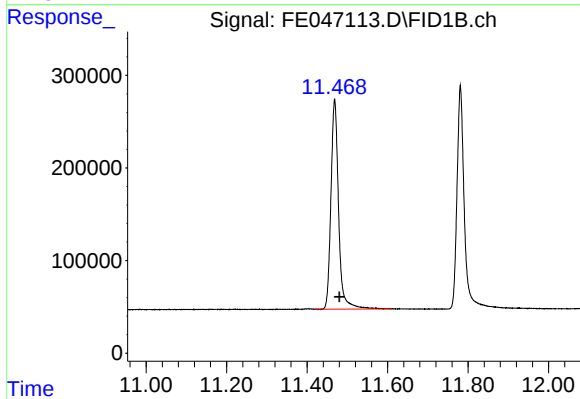
#6 n-Tetradecane (C14)

R.T.: 8.419 min
Delta R.T.: -0.011 min
Response: 2838445
Conc: 18.41 ug/ml



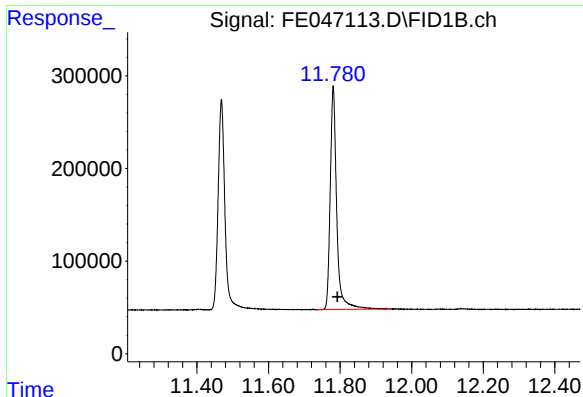
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.012 min
Response: 2941286
Conc: 18.54 ug/ml



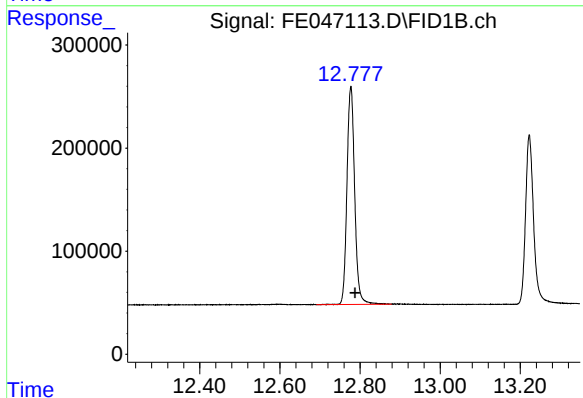
#8 n-Octadecane (C18)

R.T.: 11.469 min
Delta R.T.: -0.012 min
Response: 2984367
Conc: 18.72 ug/ml



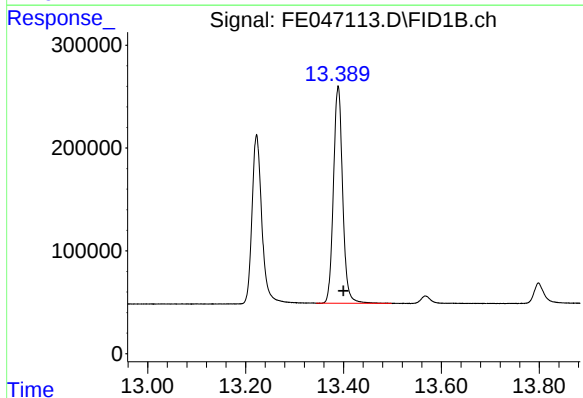
#9 ortho-Terphenyl (SURR)

R.T.: 11.781 min
Delta R.T.: -0.011 min
Response: 3024744
Conc: 18.41 ug/ml



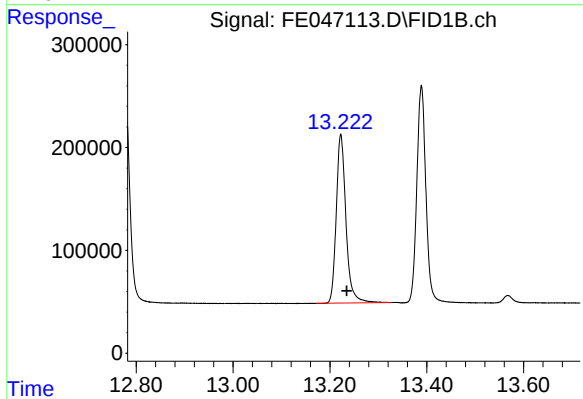
#10 n-Eicosane (C20)

R.T.: 12.777 min
Delta R.T.: -0.010 min
Response: 2830891
Conc: 18.70 ug/ml



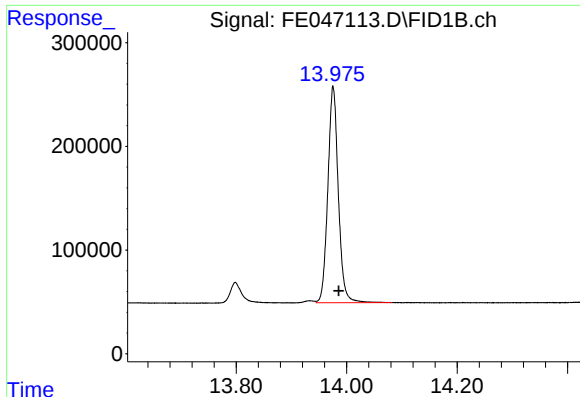
#11 n-Heneicosane (C21)

R.T.: 13.389 min
Delta R.T.: -0.010 min
Response: 2751034
Conc: 18.58 ug/ml



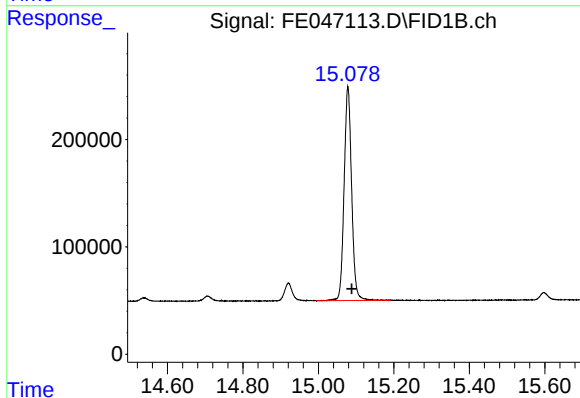
#12 1-chlorooctadecane (SURR)

R.T.: 13.222 min
Delta R.T.: -0.013 min
Response: 2285721
Conc: 18.57 ug/ml



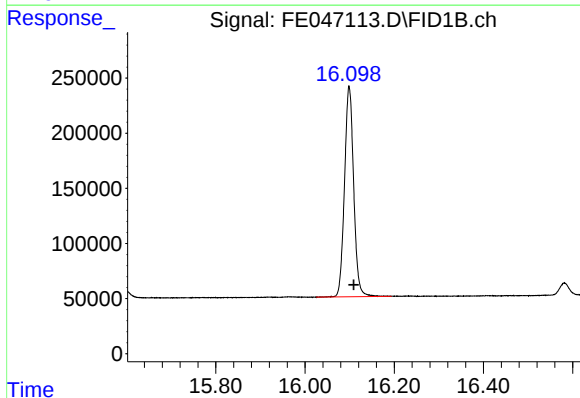
#13 n-Docosane (C22)

R.T.: 13.976 min
Delta R.T.: -0.010 min
Response: 2747237
Conc: 18.88 ug/ml



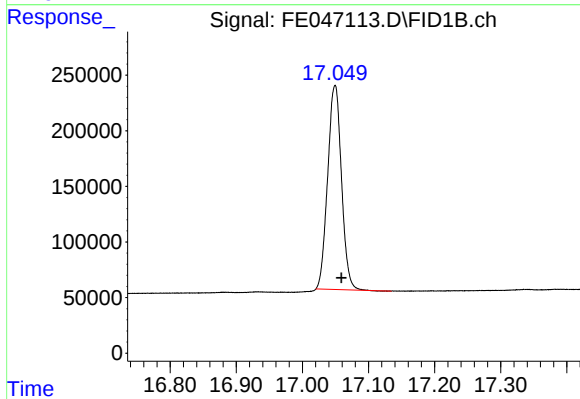
#14 n-Tetracosane (C24)

R.T.: 15.078 min
Delta R.T.: -0.010 min
Response: 2758936
Conc: 19.32 ug/ml



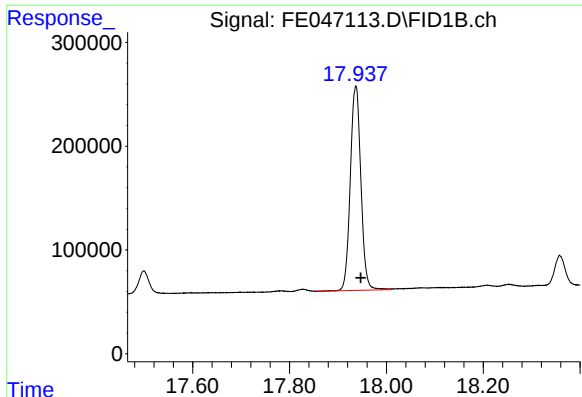
#15 n-Hexacosane (C26)

R.T.: 16.099 min
Delta R.T.: -0.010 min
Response: 2722335
Conc: 19.48 ug/ml



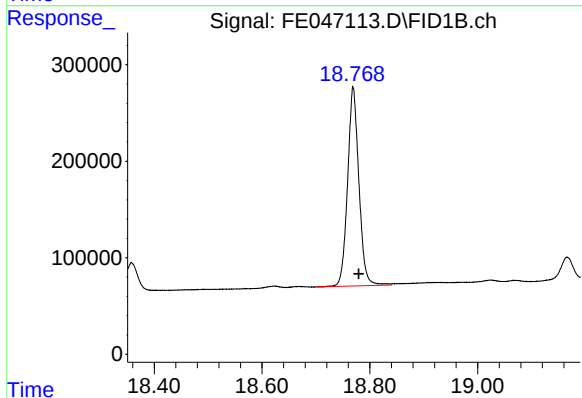
#16 n-Octacosane (C28)

R.T.: 17.049 min
Delta R.T.: -0.010 min
Response: 2666027
Conc: 19.57 ug/ml



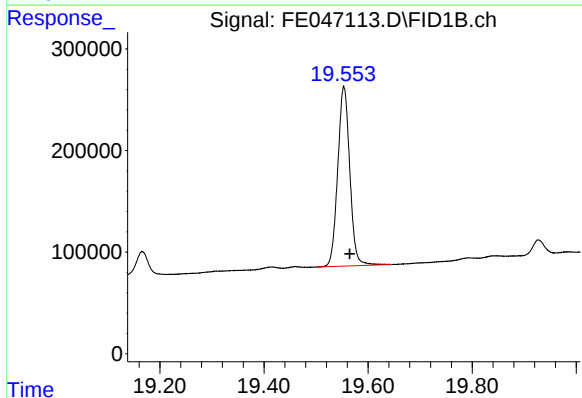
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.010 min
Response: 2975436
Conc: 21.33 ug/ml



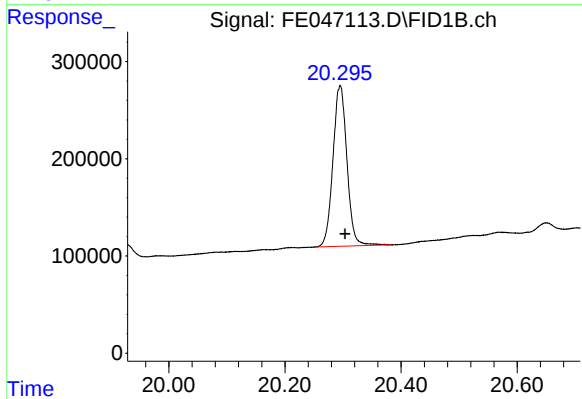
#18 n-Dotriacontane (C32)

R.T.: 18.769 min
Delta R.T.: -0.010 min
Response: 3006857
Conc: 21.85 ug/ml



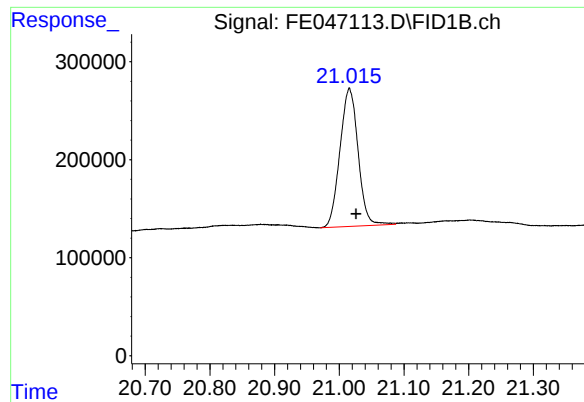
#19 n-Tetratriacontane (C34)

R.T.: 19.553 min
Delta R.T.: -0.011 min
Response: 2840446
Conc: 21.14 ug/ml



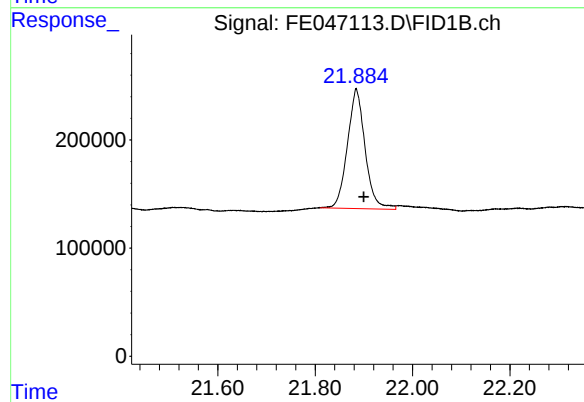
#20 n-Hexatriacontane (C36)

R.T.: 20.295 min
Delta R.T.: -0.008 min
Response: 2763949
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: -0.010 min
Response: 2740837
Conc: 19.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.016 min
Response: 2791039
Conc: 19.78 ug/ml