

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022924AL\
 Data File : FE046994.D
 Signal(s) : FID1B.ch
 Acq On : 29 Feb 2024 12:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:08:29 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)	11.790	2674080	16.276 ug/ml
Spiked Amount 50.000		Recovery =	32.55%
12) S 1-chlorooctadecane (S...	13.232	2040019	16.572 ug/ml
Spiked Amount 50.000		Recovery =	33.14%
Target Compounds			
1) T n-Nonane (C9)	3.182	2402271	15.753 ug/ml
2) T n-Decane (C10)	4.433	2581328	16.666 ug/ml
3) T A~Naphthalene (C11.7)	6.140	2532786	16.081 ug/ml
4) T n-Dodecane (C12)	6.601	2603048	16.742 ug/ml
5) T A~2-methylnaphthalene...	7.237	2285390	15.937 ug/ml
6) T n-Tetradecane (C14)	8.427	2580687	16.736 ug/ml
7) T n-Hexadecane (C16)	10.035	2642532	16.655 ug/ml
8) T n-Octadecane (C18)	11.477	2652657	16.640 ug/ml
10) T n-Eicosane (C20)	12.786	2522349	16.664 ug/ml
11) T n-Heneicosane (C21)	13.398	2452283	16.560 ug/ml
13) T n-Docosane (C22)	13.985	2478256	17.033 ug/ml
14) T n-Tetracosane (C24)	15.087	2596629	18.182 ug/ml
15) T n-Hexacosane (C26)	16.109	2601455	18.616 ug/ml
16) T n-Octacosane (C28)	17.060	2683762	19.699 ug/ml
17) T n-Tricontane (C30)	17.947	2886200	20.687 ug/ml
18) T n-Dotriacontane (C32)	18.782	2848483	20.701 ug/ml
19) T n-Tetratriacontane (C34)	19.566	2568434	19.120 ug/ml
20) T n-Hexatriacontane (C36)	20.307	2421664	18.186 ug/ml
21) T n-Octatriacontane (C38)	21.028	2310068	16.766 ug/ml
22) T n-Tetracontane (C40)	21.902	2208909	15.656 ug/ml

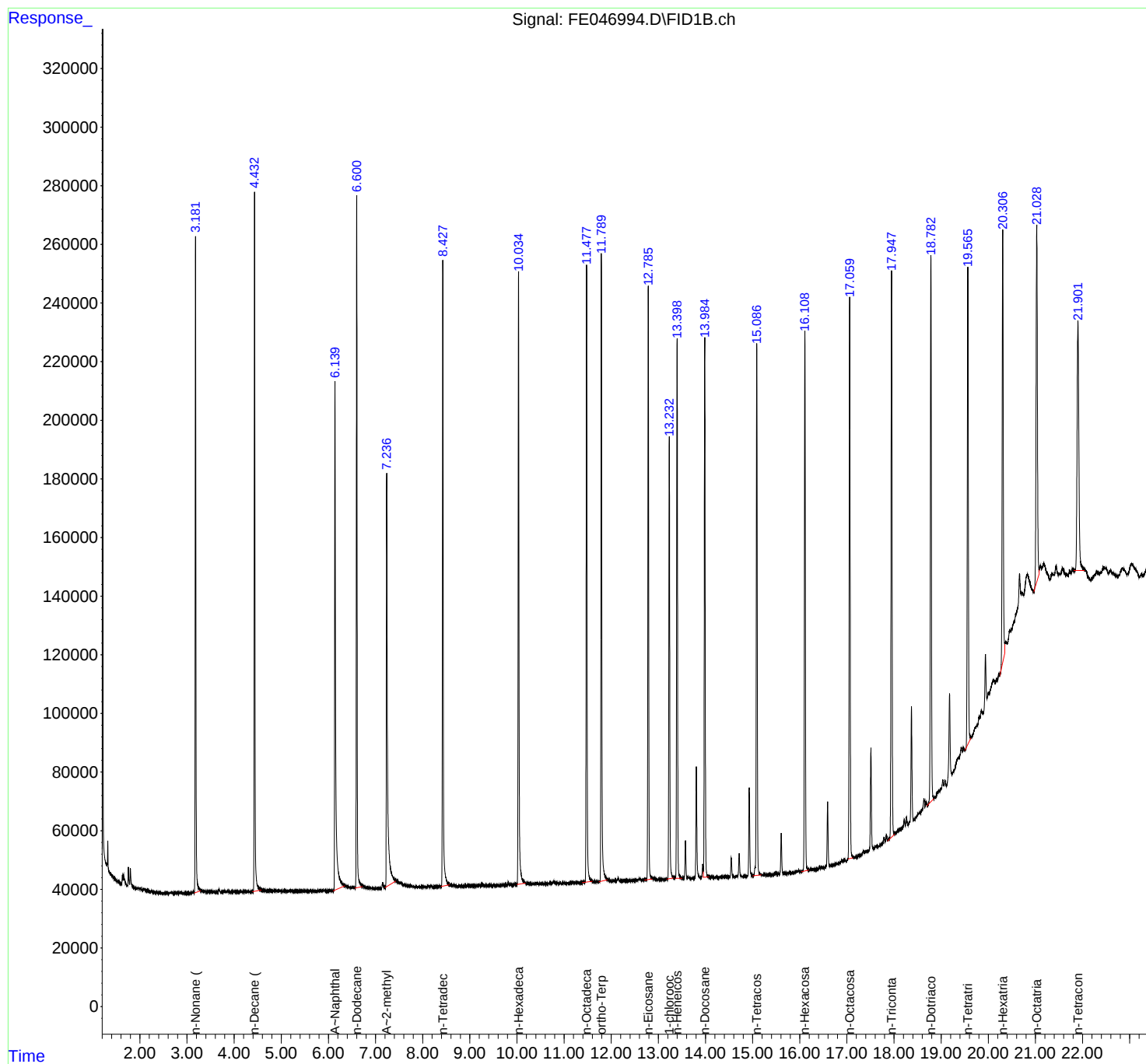
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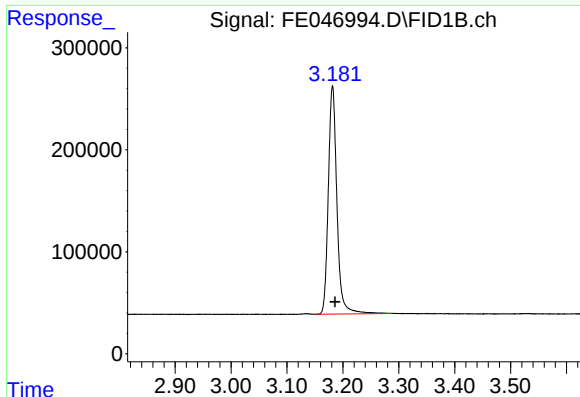
(m)=manual int.

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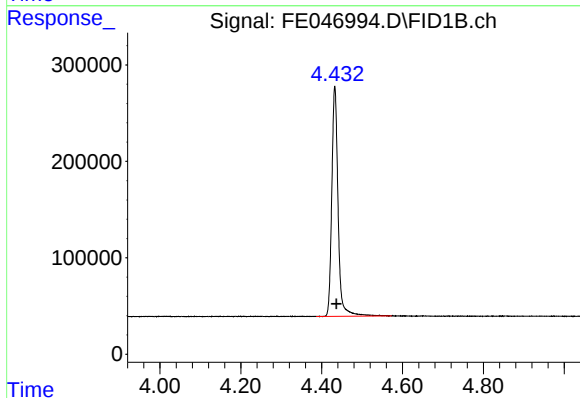
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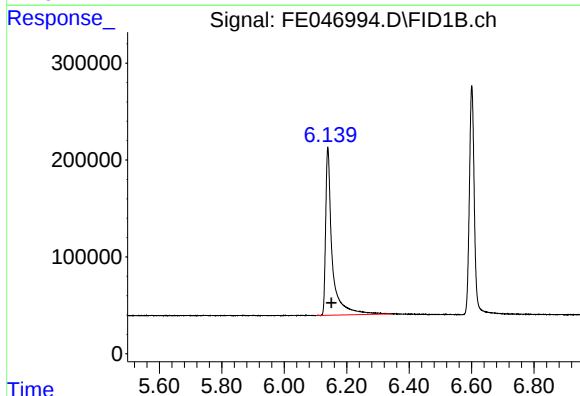
#1 n-Nonane (C9)

R.T.: 3.182 min
Delta R.T.: -0.004 min
Response: 2402271
Conc: 15.75 ug/ml



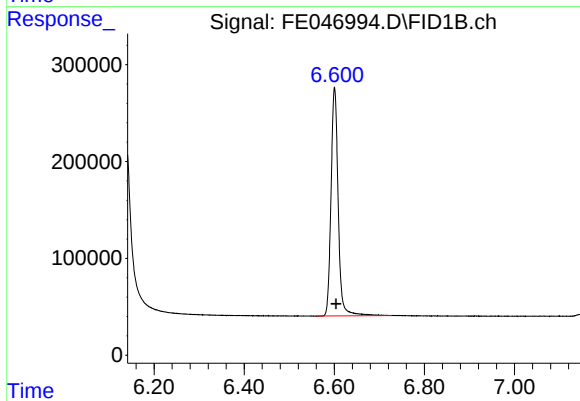
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 2581328
Conc: 16.67 ug/ml



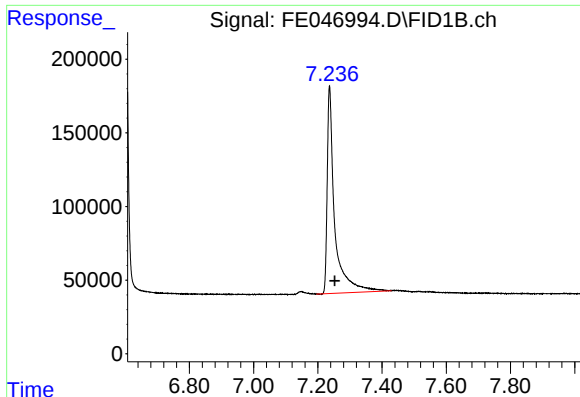
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.012 min
Response: 2532786
Conc: 16.08 ug/ml



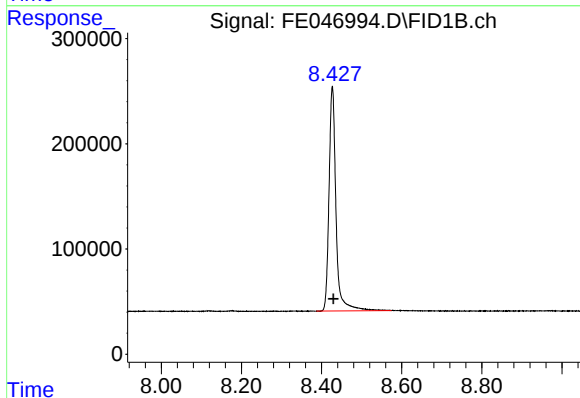
#4 n-Dodecane (C12)

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 2603048
Conc: 16.74 ug/ml



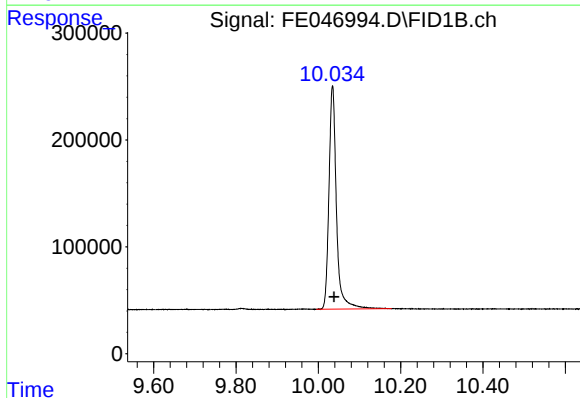
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 2285390
Conc: 15.94 ug/ml



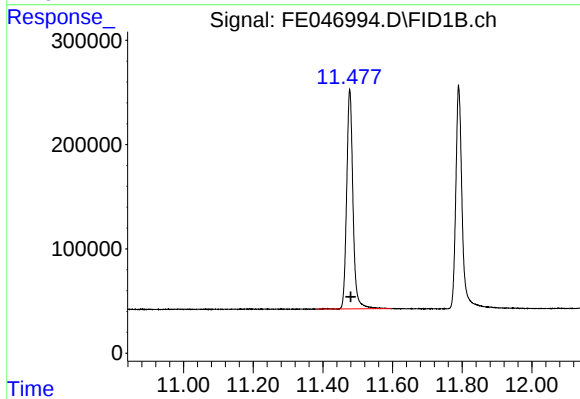
#6 n-Tetradecane (C14)

R.T.: 8.427 min
Delta R.T.: -0.003 min
Response: 2580687
Conc: 16.74 ug/ml



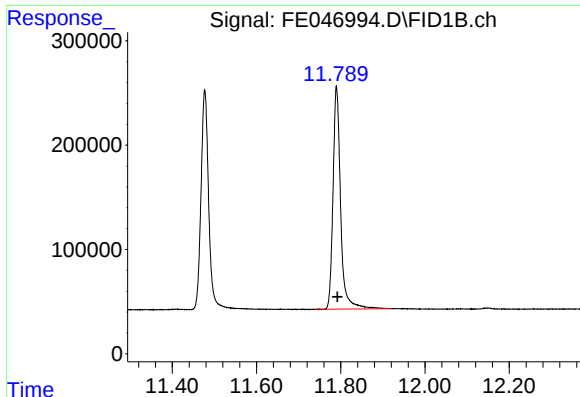
#7 n-Hexadecane (C16)

R.T.: 10.035 min
Delta R.T.: -0.004 min
Response: 2642532
Conc: 16.65 ug/ml



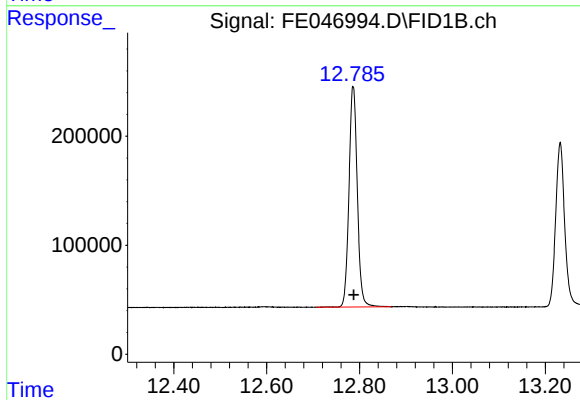
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.003 min
Response: 2652657
Conc: 16.64 ug/ml



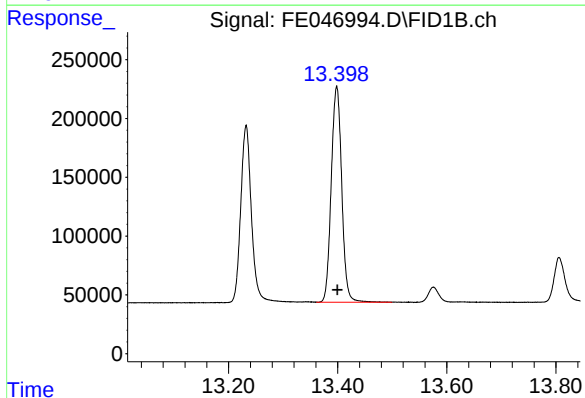
#9 ortho-Terphenyl (SURR)

R.T.: 11.790 min
Delta R.T.: -0.002 min
Response: 2674080
Conc: 16.28 ug/ml



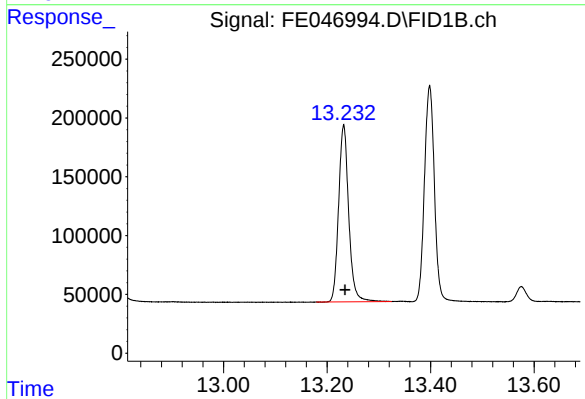
#10 n-Eicosane (C20)

R.T.: 12.786 min
Delta R.T.: -0.001 min
Response: 2522349
Conc: 16.66 ug/ml



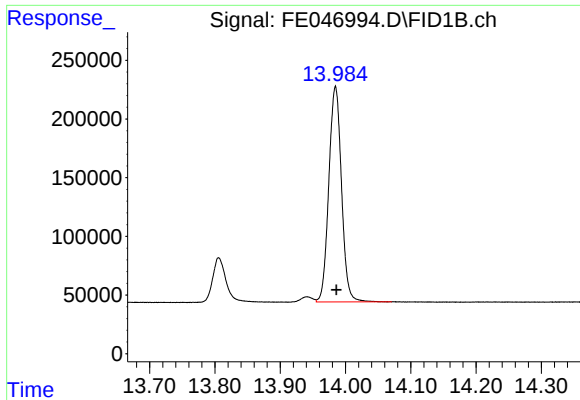
#11 n-Heneicosane (C21)

R.T.: 13.398 min
Delta R.T.: -0.001 min
Response: 2452283
Conc: 16.56 ug/ml



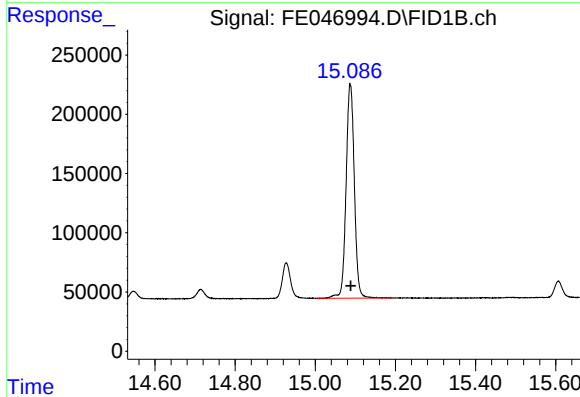
#12 1-chlorooctadecane (SURR)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 2040019
Conc: 16.57 ug/ml



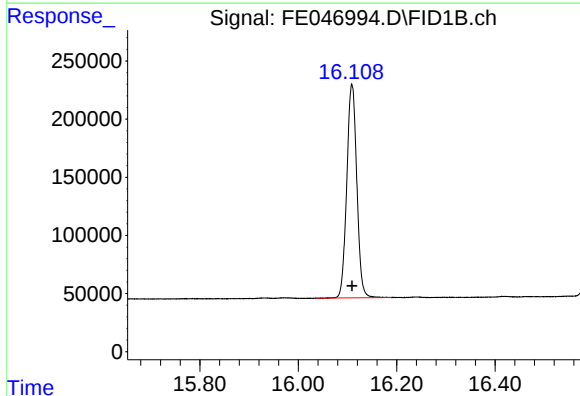
#13 n-Docosane (C22)

R.T.: 13.985 min
Delta R.T.: -0.001 min
Response: 2478256
Conc: 17.03 ug/ml



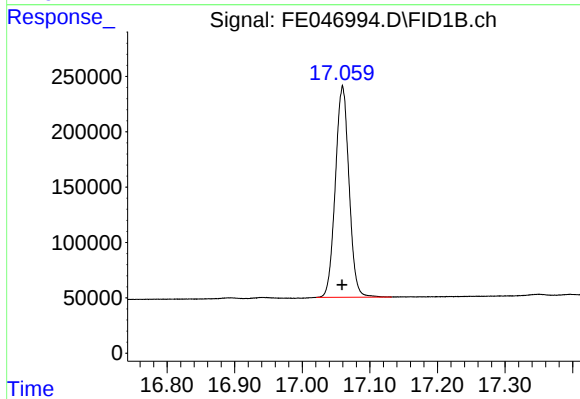
#14 n-Tetracosane (C24)

R.T.: 15.087 min
Delta R.T.: -0.001 min
Response: 2596629
Conc: 18.18 ug/ml



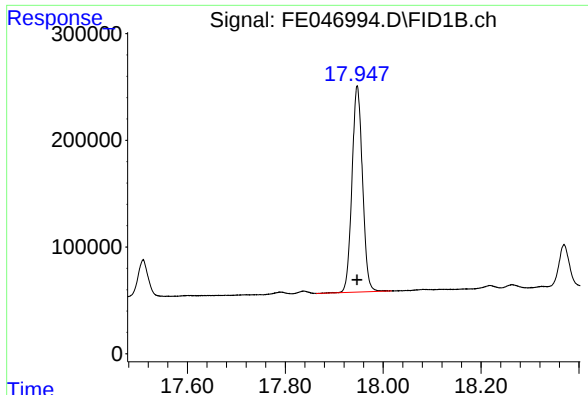
#15 n-Hexacosane (C26)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 2601455
Conc: 18.62 ug/ml



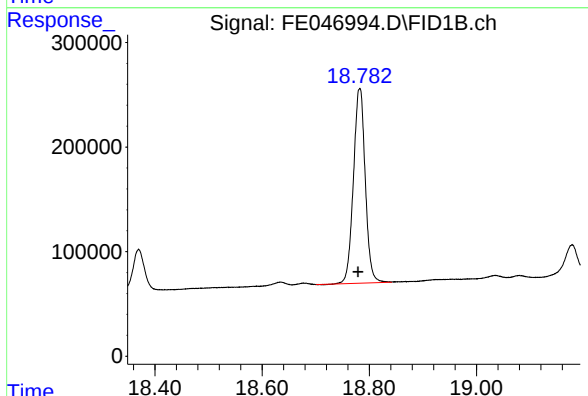
#16 n-Octacosane (C28)

R.T.: 17.060 min
Delta R.T.: 0.000 min
Response: 2683762
Conc: 19.70 ug/ml



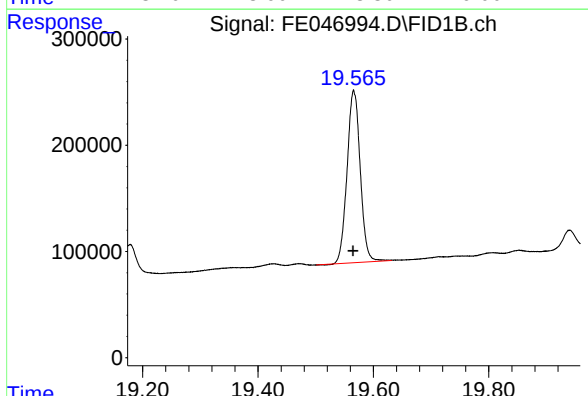
#17 n-Tricontane (C30)

R.T.: 17.947 min
Delta R.T.: 0.000 min
Response: 2886200
Conc: 20.69 ug/ml



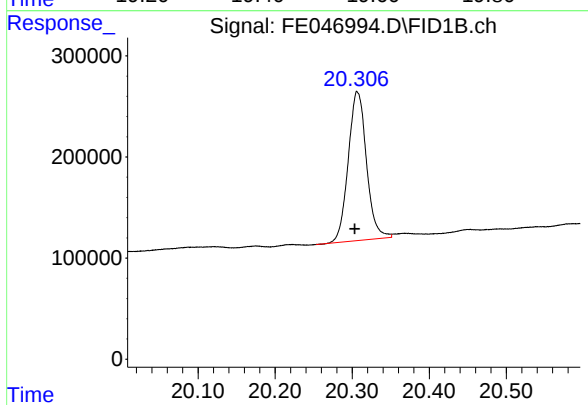
#18 n-Dotriacontane (C32)

R.T.: 18.782 min
Delta R.T.: 0.003 min
Response: 2848483
Conc: 20.70 ug/ml



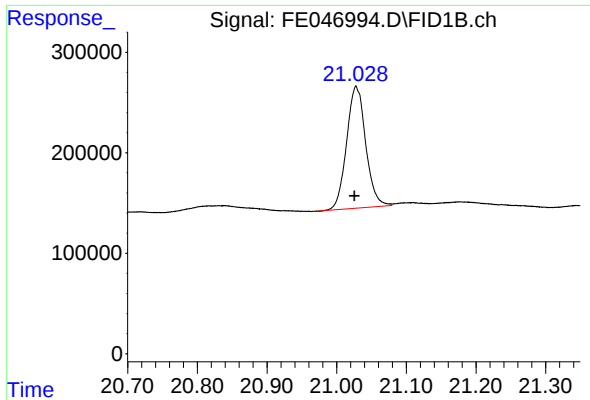
#19 n-Tetratriacontane (C34)

R.T.: 19.566 min
Delta R.T.: 0.001 min
Response: 2568434
Conc: 19.12 ug/ml



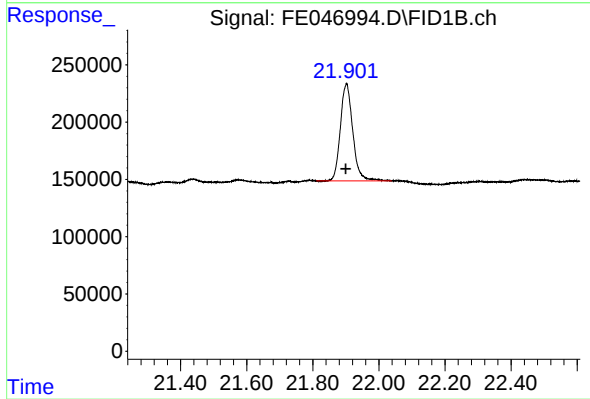
#20 n-Hexatriacontane (C36)

R.T.: 20.307 min
Delta R.T.: 0.003 min
Response: 2421664
Conc: 18.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.028 min
Delta R.T.: 0.002 min
Response: 2310068
Conc: 16.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.902 min
Delta R.T.: 0.002 min
Response: 2208909
Conc: 15.66 ug/ml