

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030724AL\
 Data File : FE047129.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2024 08:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 00:23:03 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)	11.783	3150063	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.224	2398703	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.173	2778536	18.221 ug/ml
2) T n-Decane (C10)	4.425	2943279	19.003 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2890627	18.353 ug/ml
4) T n-Dodecane (C12)	6.593	2994831	19.261 ug/ml
5) T A~2-methylnaphthalene...	7.229	2643696	18.436 ug/ml
6) T n-Tetradecane (C14)	8.419	2995813	19.428 ug/ml
7) T n-Hexadecane (C16)	10.026	3103239	19.558 ug/ml
8) T n-Octadecane (C18)	11.469	3132804	19.651 ug/ml
10) T n-Eicosane (C20)	12.779	2959119	19.549 ug/ml
11) T n-Heneicosane (C21)	13.390	2868500	19.371 ug/ml
13) T n-Docosane (C22)	13.976	2857451	19.640 ug/ml
14) T n-Tetracosane (C24)	15.080	2876820	20.143 ug/ml
15) T n-Hexacosane (C26)	16.101	2840942	20.330 ug/ml
16) T n-Octacosane (C28)	17.052	2856616	20.968 ug/ml
17) T n-Tricontane (C30)	17.940	3131918	22.448 ug/ml
18) T n-Dotriacontane (C32)	18.773	3125233	22.712 ug/ml
19) T n-Tetratriacontane (C34)	19.558	2998886	22.324 ug/ml
20) T n-Hexatriacontane (C36)	20.300	2890056	21.703 ug/ml
21) T n-Octatriacontane (C38)	21.019	2855543	20.724 ug/ml
22) T n-Tetracontane (C40)	21.890	2896269	20.528 ug/ml

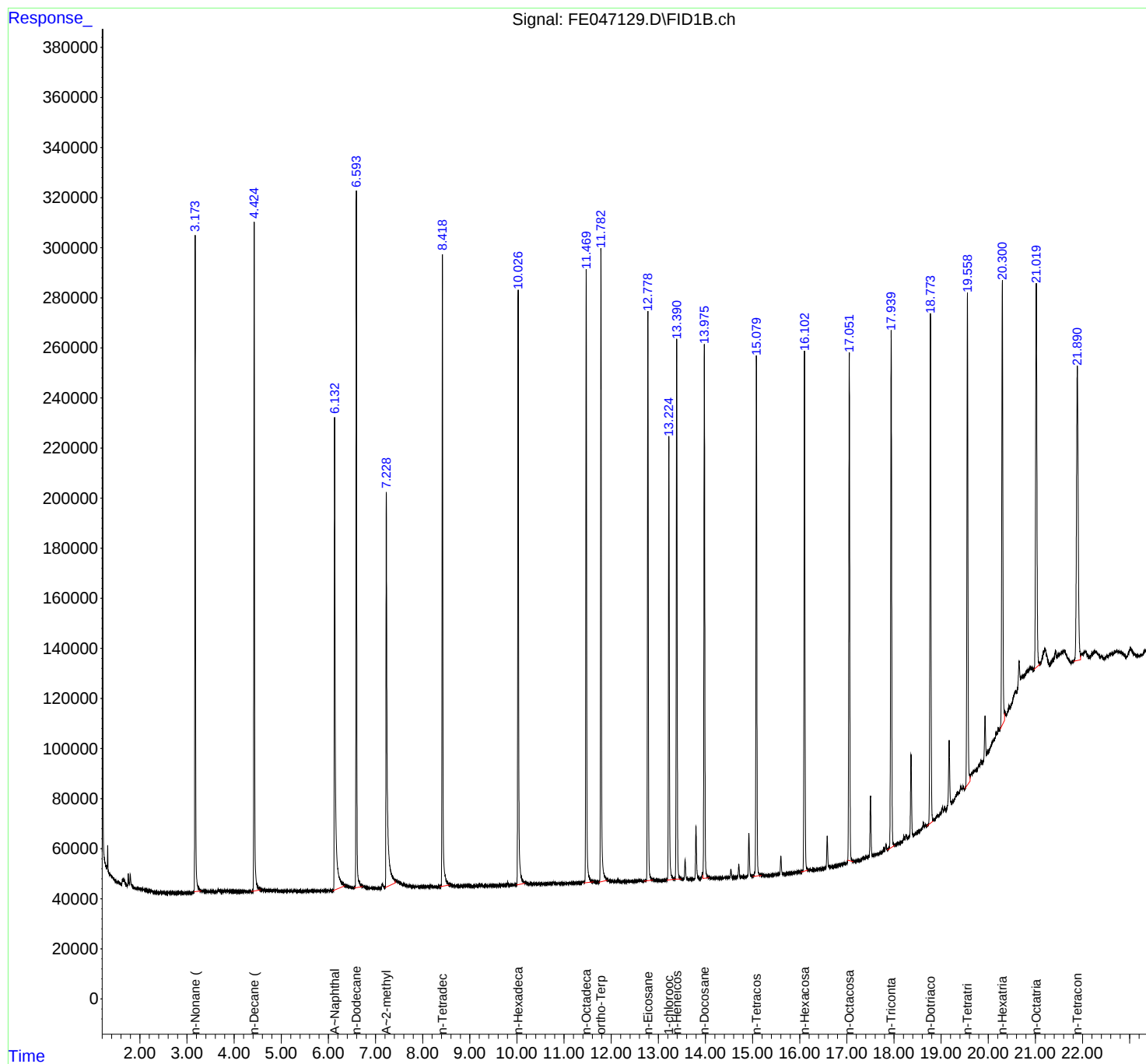
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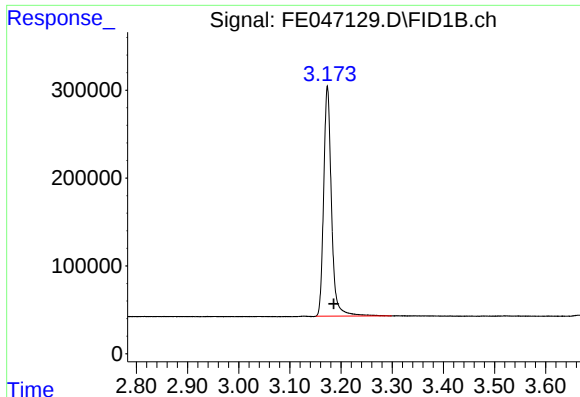
(m)=manual int.

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030724AL\  
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Operator  : YP\AJ  
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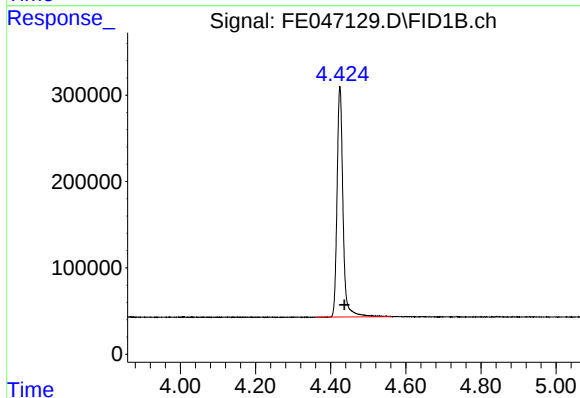
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





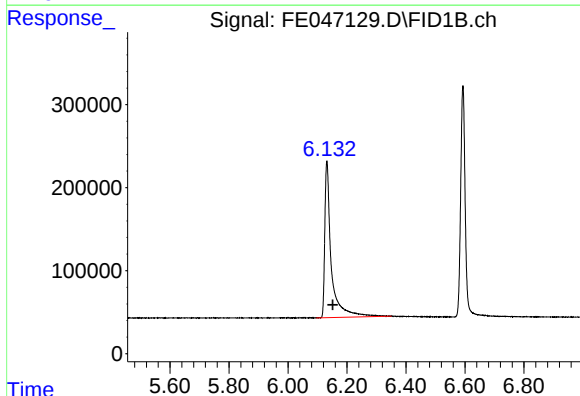
#1 n-Nonane (C9)

R.T.: 3.173 min
Delta R.T.: -0.013 min
Response: 2778536
Conc: 18.22 ug/ml



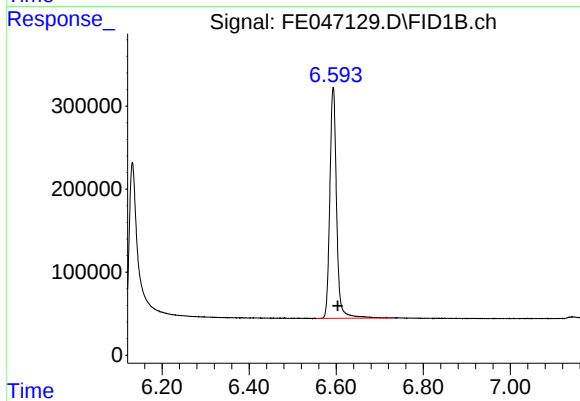
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.012 min
Response: 2943279
Conc: 19.00 ug/ml



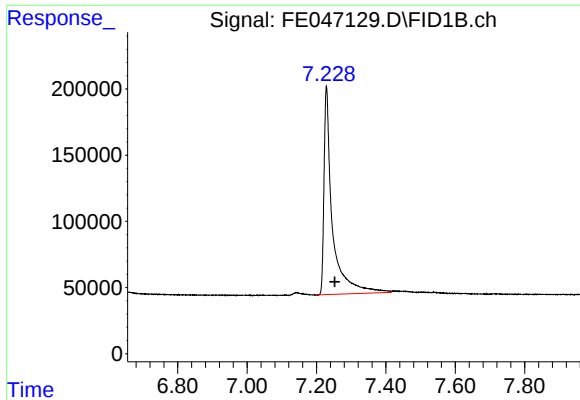
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.019 min
Response: 2890627
Conc: 18.35 ug/ml



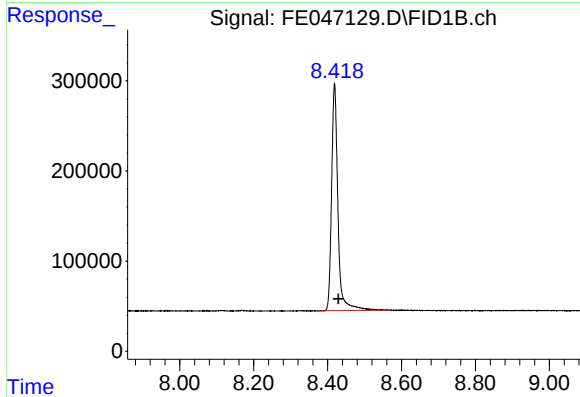
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 2994831
Conc: 19.26 ug/ml



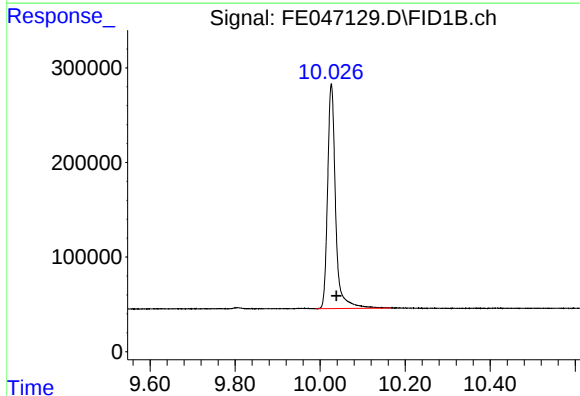
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min
Delta R.T.: -0.024 min
Response: 2643696
Conc: 18.44 ug/ml



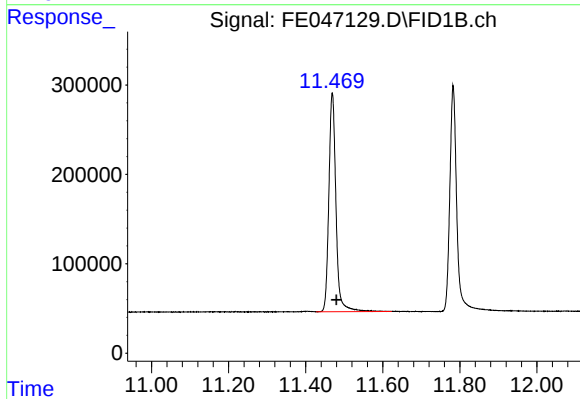
#6 n-Tetradecane (C14)

R.T.: 8.419 min
Delta R.T.: -0.011 min
Response: 2995813
Conc: 19.43 ug/ml



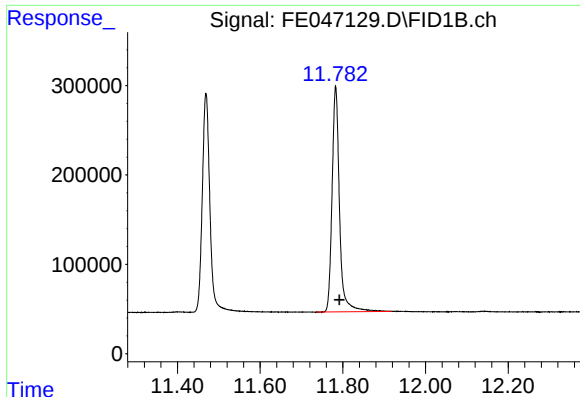
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.012 min
Response: 3103239
Conc: 19.56 ug/ml



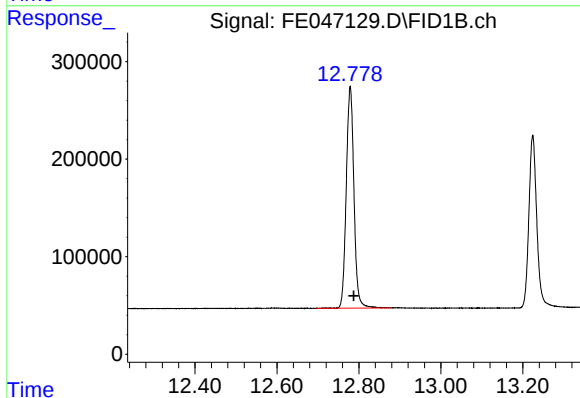
#8 n-Octadecane (C18)

R.T.: 11.469 min
Delta R.T.: -0.011 min
Response: 3132804
Conc: 19.65 ug/ml



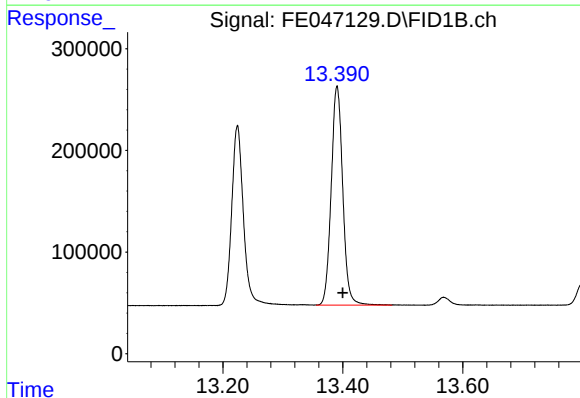
#9 ortho-Terphenyl (SURR)

R.T.: 11.783 min
Delta R.T.: -0.009 min
Response: 3150063
Conc: 19.17 ug/ml



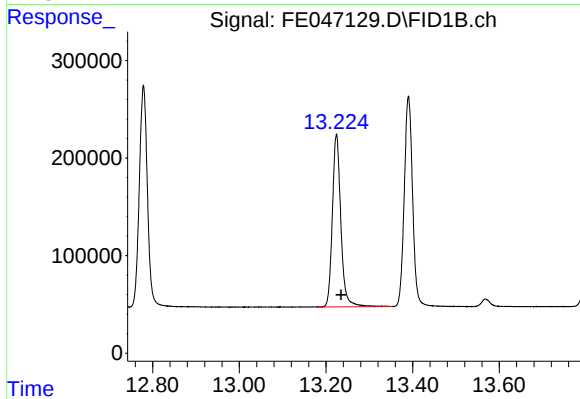
#10 n-Eicosane (C20)

R.T.: 12.779 min
Delta R.T.: -0.009 min
Response: 2959119
Conc: 19.55 ug/ml



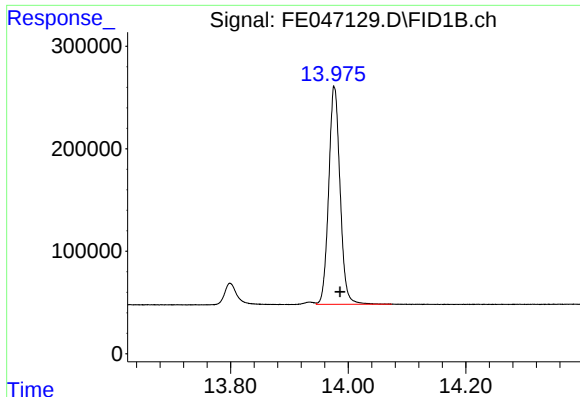
#11 n-Heneicosane (C21)

R.T.: 13.390 min
Delta R.T.: -0.009 min
Response: 2868500
Conc: 19.37 ug/ml



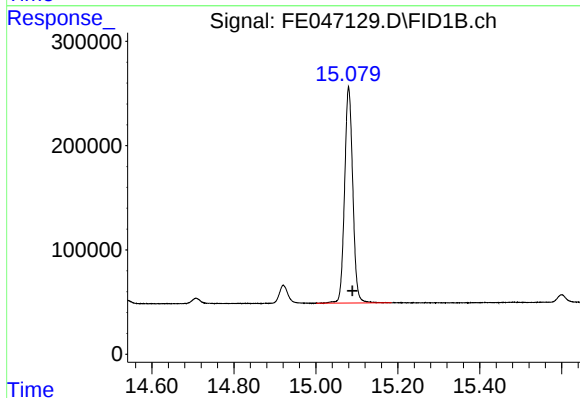
#12 1-chlorooctadecane (SURR)

R.T.: 13.224 min
Delta R.T.: -0.011 min
Response: 2398703
Conc: 19.49 ug/ml



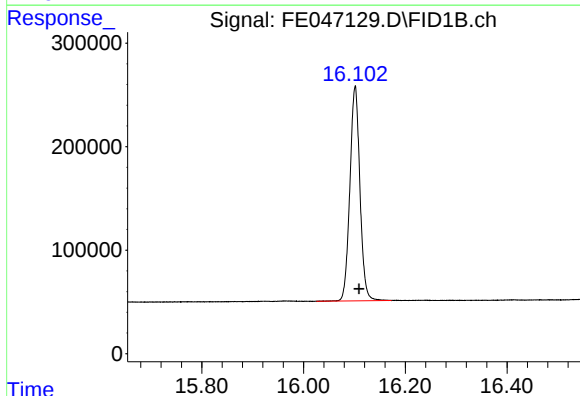
#13 n-Docosane (C22)

R.T.: 13.976 min
Delta R.T.: -0.010 min
Response: 2857451
Conc: 19.64 ug/ml



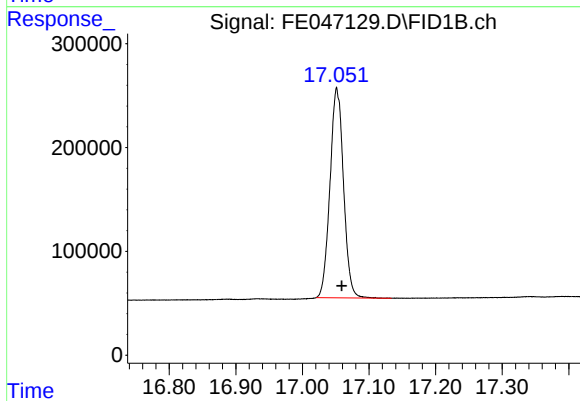
#14 n-Tetracosane (C24)

R.T.: 15.080 min
Delta R.T.: -0.009 min
Response: 2876820
Conc: 20.14 ug/ml



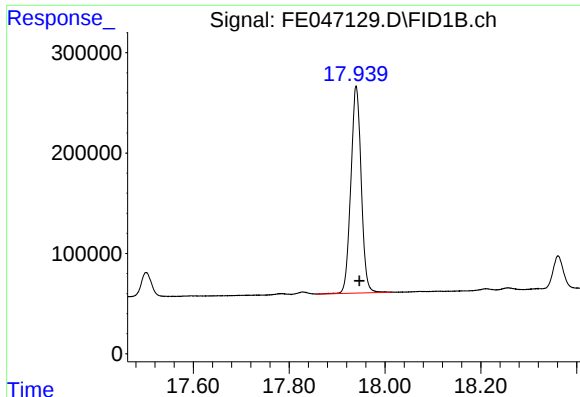
#15 n-Hexacosane (C26)

R.T.: 16.101 min
Delta R.T.: -0.008 min
Response: 2840942
Conc: 20.33 ug/ml



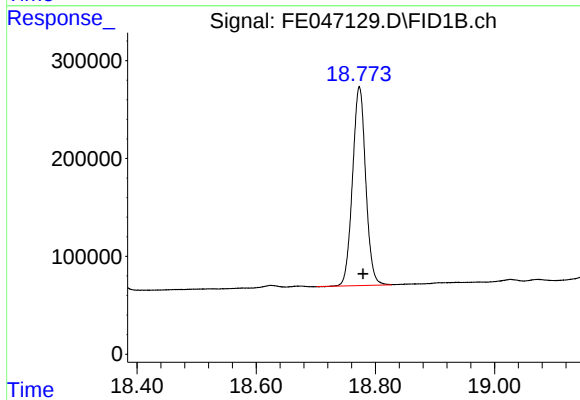
#16 n-Octacosane (C28)

R.T.: 17.052 min
Delta R.T.: -0.008 min
Response: 2856616
Conc: 20.97 ug/ml



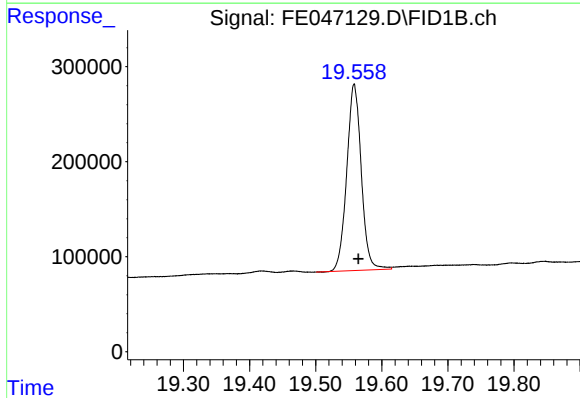
#17 n-Tricontane (C30)

R.T.: 17.940 min
Delta R.T.: -0.007 min
Response: 3131918
Conc: 22.45 ug/ml



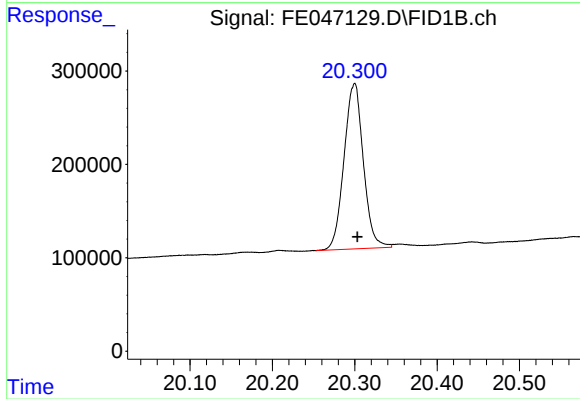
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: -0.006 min
Response: 3125233
Conc: 22.71 ug/ml



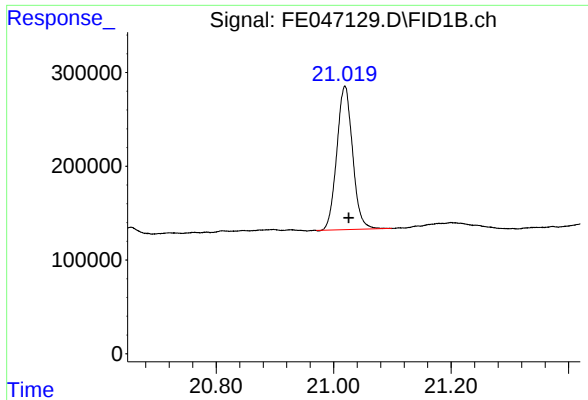
#19 n-Tetratriacontane (C34)

R.T.: 19.558 min
Delta R.T.: -0.007 min
Response: 2998886
Conc: 22.32 ug/ml



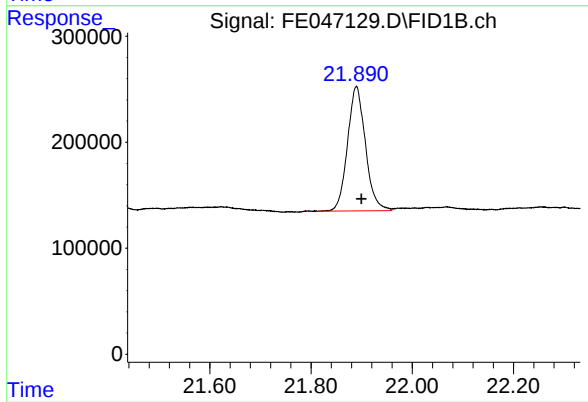
#20 n-Hexatriacontane (C36)

R.T.: 20.300 min
Delta R.T.: -0.003 min
Response: 2890056
Conc: 21.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.019 min
Delta R.T.: -0.006 min
Response: 2855543
Conc: 20.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.890 min
Delta R.T.: -0.010 min
Response: 2896269
Conc: 20.53 ug/ml