

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047844.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 01:48
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:23:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:22:51 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)	11.969	777744	5.329 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
12) S 1-chlorooctadecane (S...	13.402	601151	5.314 ug/mlm
Spiked Amount 50.000		Recovery =	10.63%
Target Compounds			
1) T n-Nonane (C9)	3.352	670851	5.193 ug/ml
2) T n-Decane (C10)	4.605	692430	5.236 ug/ml
3) T A~Naphthalene (C11.7)	6.313	706924	5.106 ug/ml
4) T n-Dodecane (C12)	6.771	707808	5.276 ug/ml
5) T A~2-methylnaphthalene...	7.408	683498	5.111 ug/ml
6) T n-Tetradecane (C14)	8.598	708127	5.303 ug/ml
7) T n-Hexadecane (C16)	10.205	739265	5.327 ug/ml
8) T n-Octadecane (C18)	11.648	751454	5.341 ug/ml
10) T n-Eicosane (C20)	12.957	731832	5.374 ug/ml
11) T n-Heneicosane (C21)	13.569	717488	5.359 ug/ml
13) T n-Docosane (C22)	14.156	726198	5.415 ug/ml
14) T n-Tetracosane (C24)	15.256	741565	5.492 ug/ml
15) T n-Hexacosane (C26)	16.277	758877	5.601 ug/ml
16) T n-Octacosane (C28)	17.226	770745	5.691 ug/ml
17) T n-Tricontane (C30)	18.112	820980	5.829 ug/ml
18) T n-Dotriacontane (C32)	18.944	822577	5.832 ug/ml
19) T n-Tetratriacontane (C34)	19.726	787523	5.669 ug/ml
20) T n-Hexatriacontane (C36)	20.466	759337	5.511 ug/ml
21) T n-Octatriacontane (C38)	21.208	760175	5.425 ug/ml
22) T n-Tetracontane (C40)	22.132	761340	5.394 ug/ml

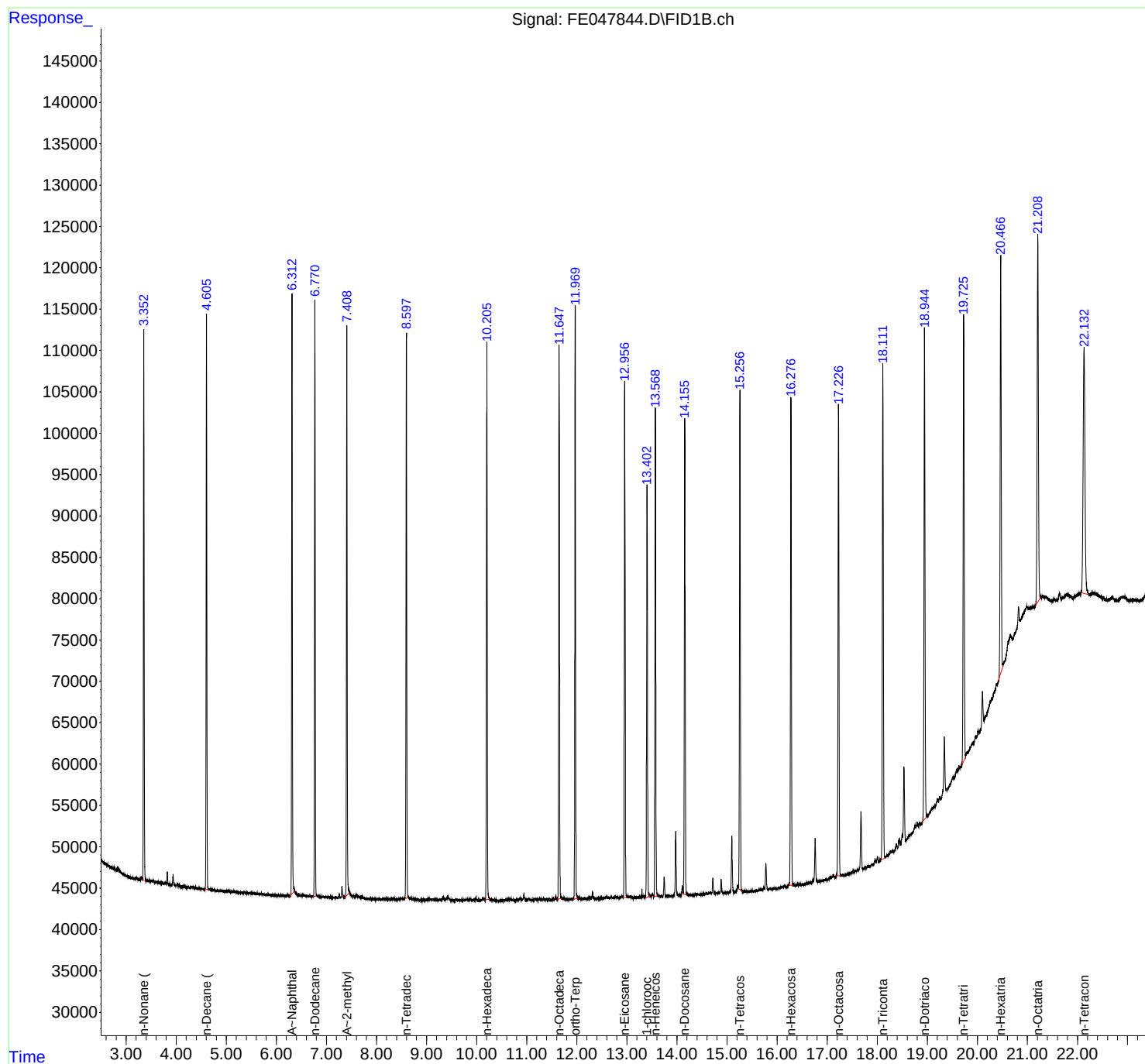
(f)=RT Delta > 1/2 Window

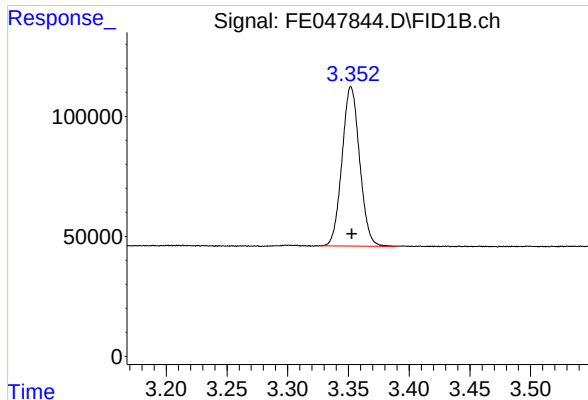
(m)=manual int.

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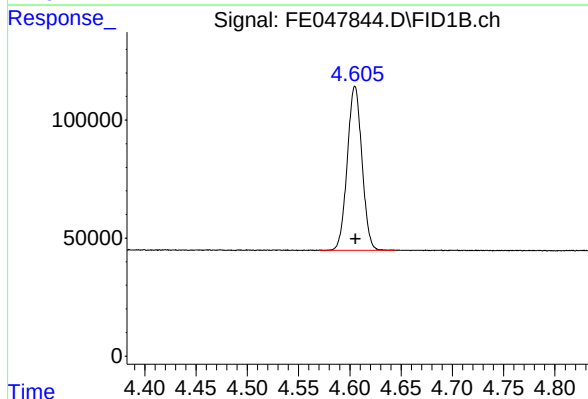
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





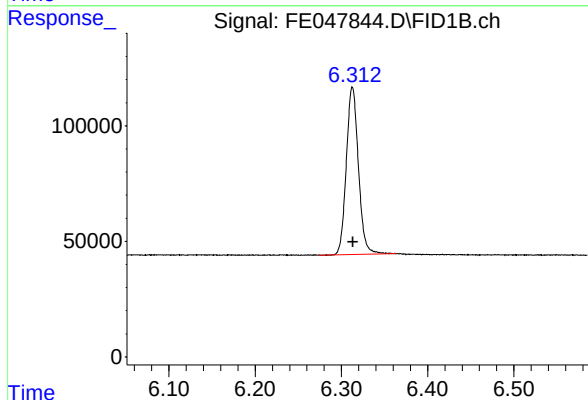
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 670851
Conc: 5.19 ug/ml



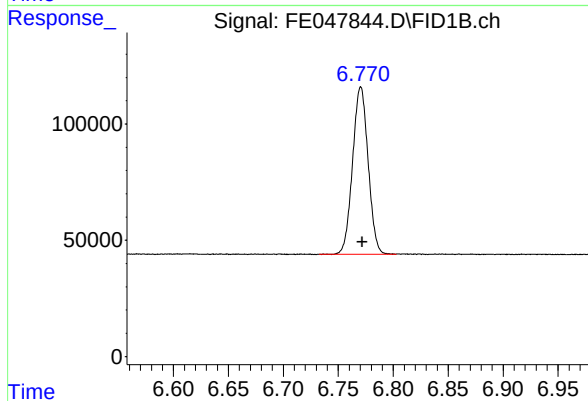
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 692430
Conc: 5.24 ug/ml



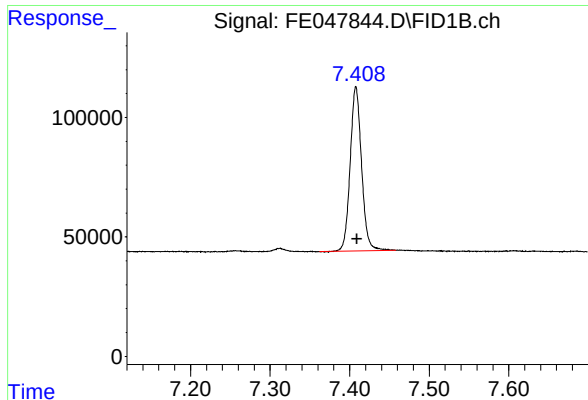
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 706924
Conc: 5.11 ug/ml



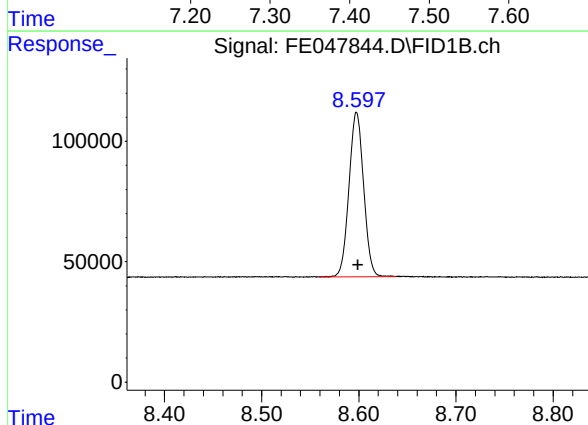
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 707808
Conc: 5.28 ug/ml



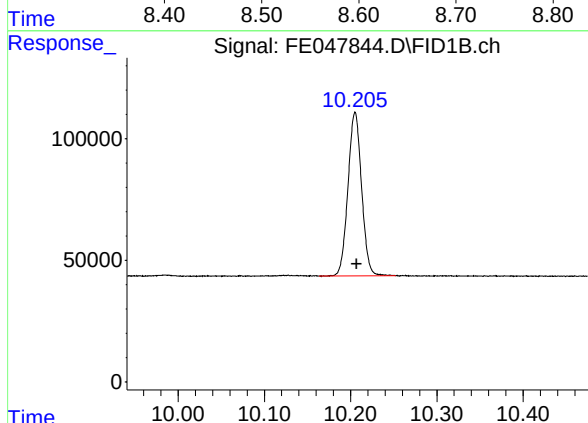
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.001 min
Response: 683498
Conc: 5.11 ug/ml



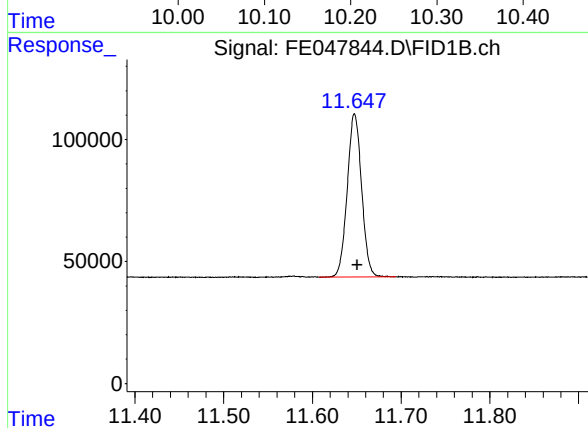
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.002 min
Response: 708127
Conc: 5.30 ug/ml



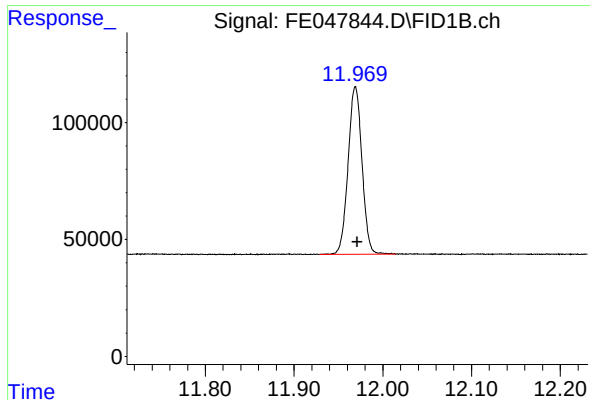
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.002 min
Response: 739265
Conc: 5.33 ug/ml



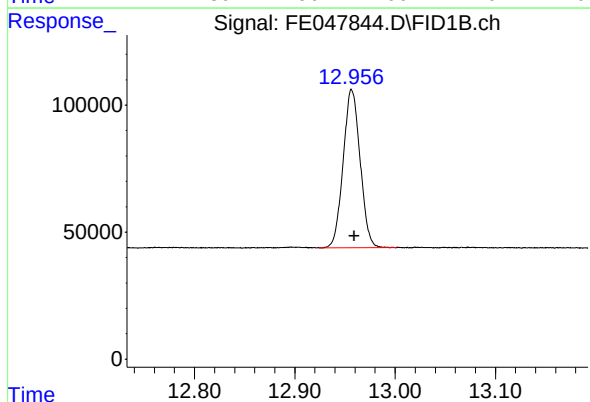
#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 751454
Conc: 5.34 ug/ml



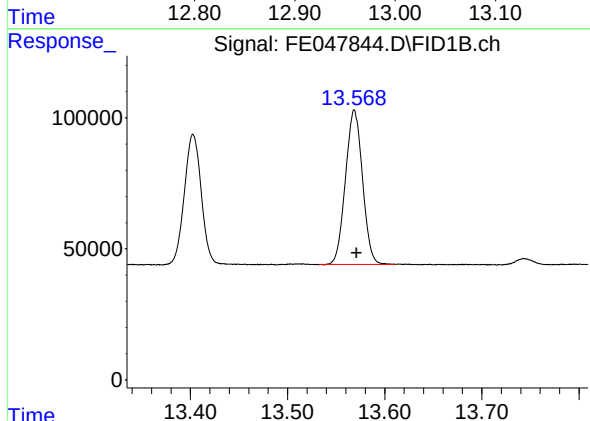
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 777744
Conc: 5.33 ug/ml



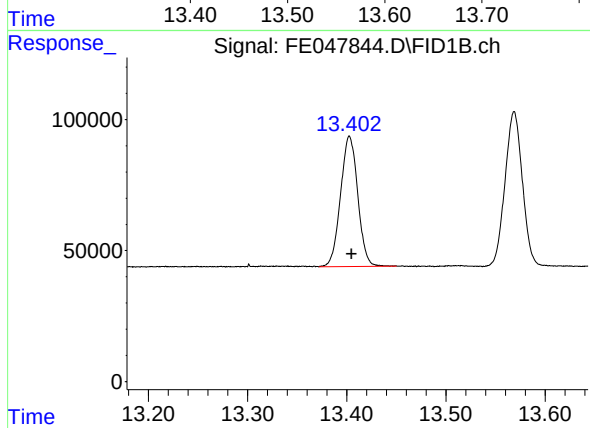
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.003 min
Response: 731832
Conc: 5.37 ug/ml



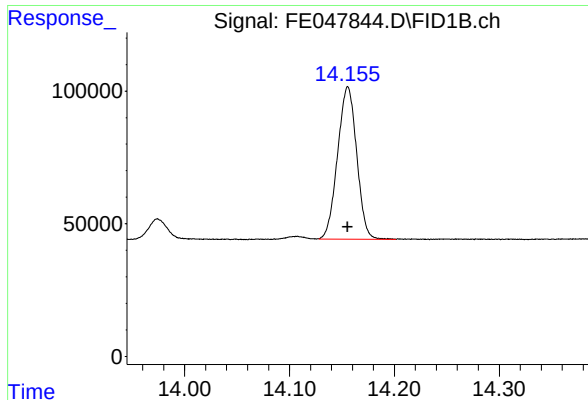
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.002 min
Response: 717488
Conc: 5.36 ug/ml



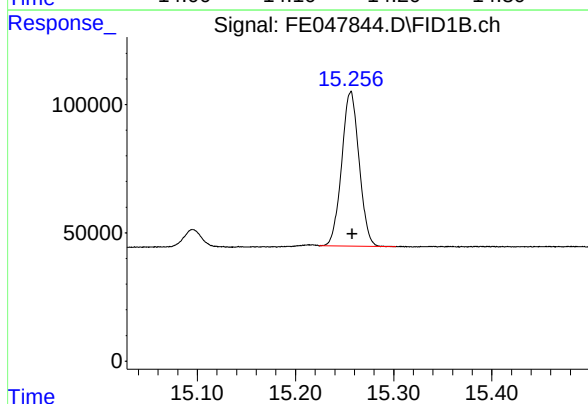
#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.003 min
Response: 601151
Conc: 5.31 ug/ml m



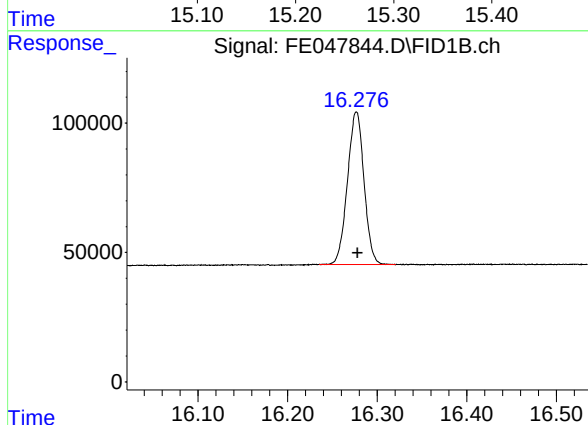
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 726198
Conc: 5.41 ug/ml



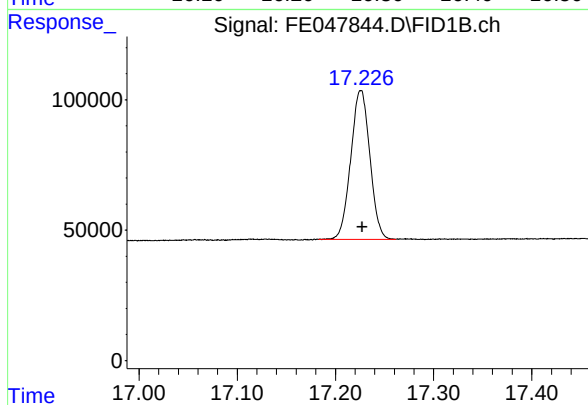
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 741565
Conc: 5.49 ug/ml



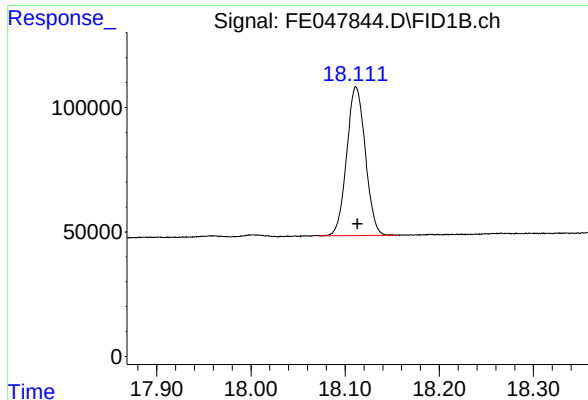
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.001 min
Response: 758877
Conc: 5.60 ug/ml



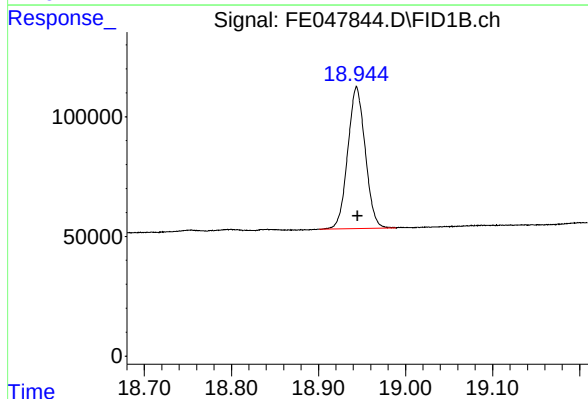
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.001 min
Response: 770745
Conc: 5.69 ug/ml



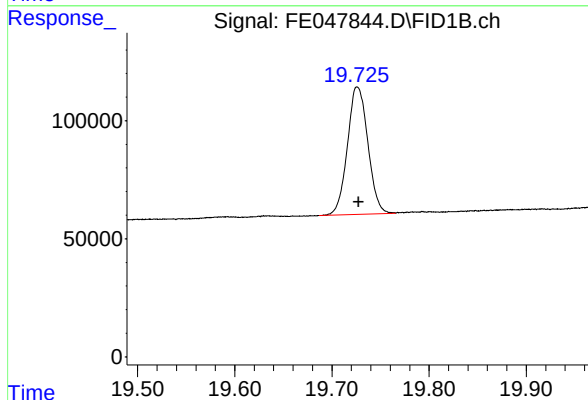
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.002 min
Response: 820980
Conc: 5.83 ug/ml



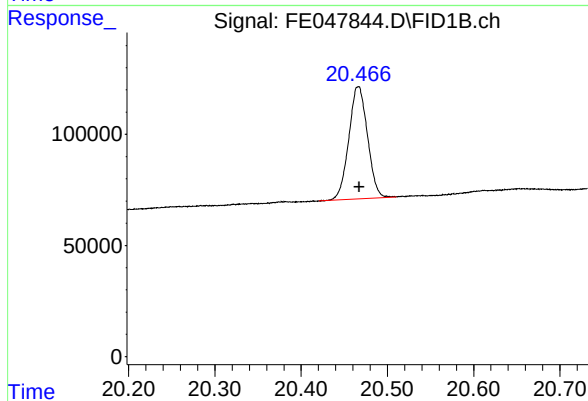
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.001 min
Response: 822577
Conc: 5.83 ug/ml



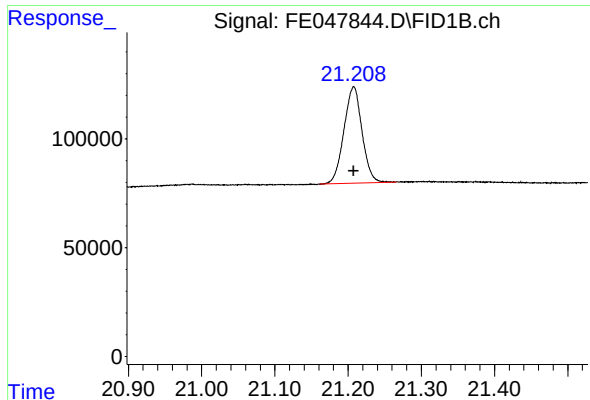
#19 n-Tetatriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.002 min
Response: 787523
Conc: 5.67 ug/ml



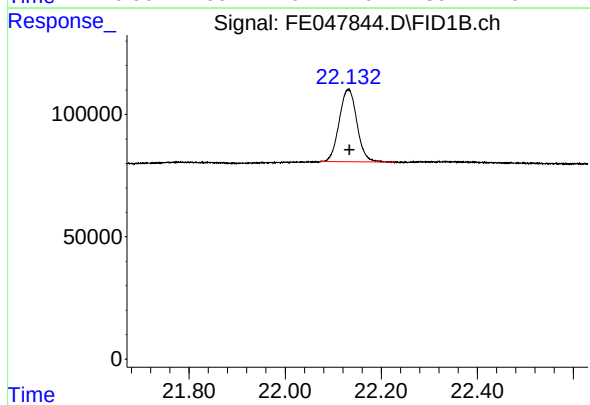
#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.001 min
Response: 759337
Conc: 5.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.000 min
Response: 760175
Conc: 5.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.003 min
Response: 761340
Conc: 5.39 ug/ml