

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021224AL\
 Data File : FE046724.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2024 23:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 13 00:27:38 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)	11.806	3643466	19.704 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.248	2760751	19.404 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.195	3379544	20.922 ug/mlm
2) T n-Decane (C10)	4.446	3542560	21.616 ug/ml
3) T A~Naphthalene (C11.7)	6.151	3645405	21.318 ug/ml
4) T n-Dodecane (C12)	6.614	3568878	21.576 ug/ml
5) T A~2-methylnaphthalene...	7.247	3432788	21.523 ug/ml
6) T n-Tetradecane (C14)	8.440	3501380	21.363 ug/ml
7) T n-Hexadecane (C16)	10.049	3564668	20.861 ug/ml
8) T n-Octadecane (C18)	11.493	3556471	20.400 ug/ml
10) T n-Eicosane (C20)	12.803	3359537	19.787 ug/ml
11) T n-Heneicosane (C21)	13.415	3264703	19.574 ug/ml
13) T n-Docosane (C22)	14.001	3232857	19.514 ug/ml
14) T n-Tetracosane (C24)	15.106	3217226	19.498 ug/ml
15) T n-Hexacosane (C26)	16.128	3166807	19.621 ug/ml
16) T n-Octacosane (C28)	17.078	3157145	20.112 ug/ml
17) T n-Tricontane (C30)	17.967	3265865	20.851 ug/ml
18) T n-Dotriacontane (C32)	18.801	3205801	21.208 ug/ml
19) T n-Tetratriacontane (C34)	19.587	3075357	21.683 ug/mlm
20) T n-Hexatriacontane (C36)	20.328	2914560	21.144 ug/mlm
21) T n-Octatriacontane (C38)	21.052	2914683	22.736 ug/ml
22) T n-Tetracontane (C40)	21.937	2870689	22.959 ug/mlm

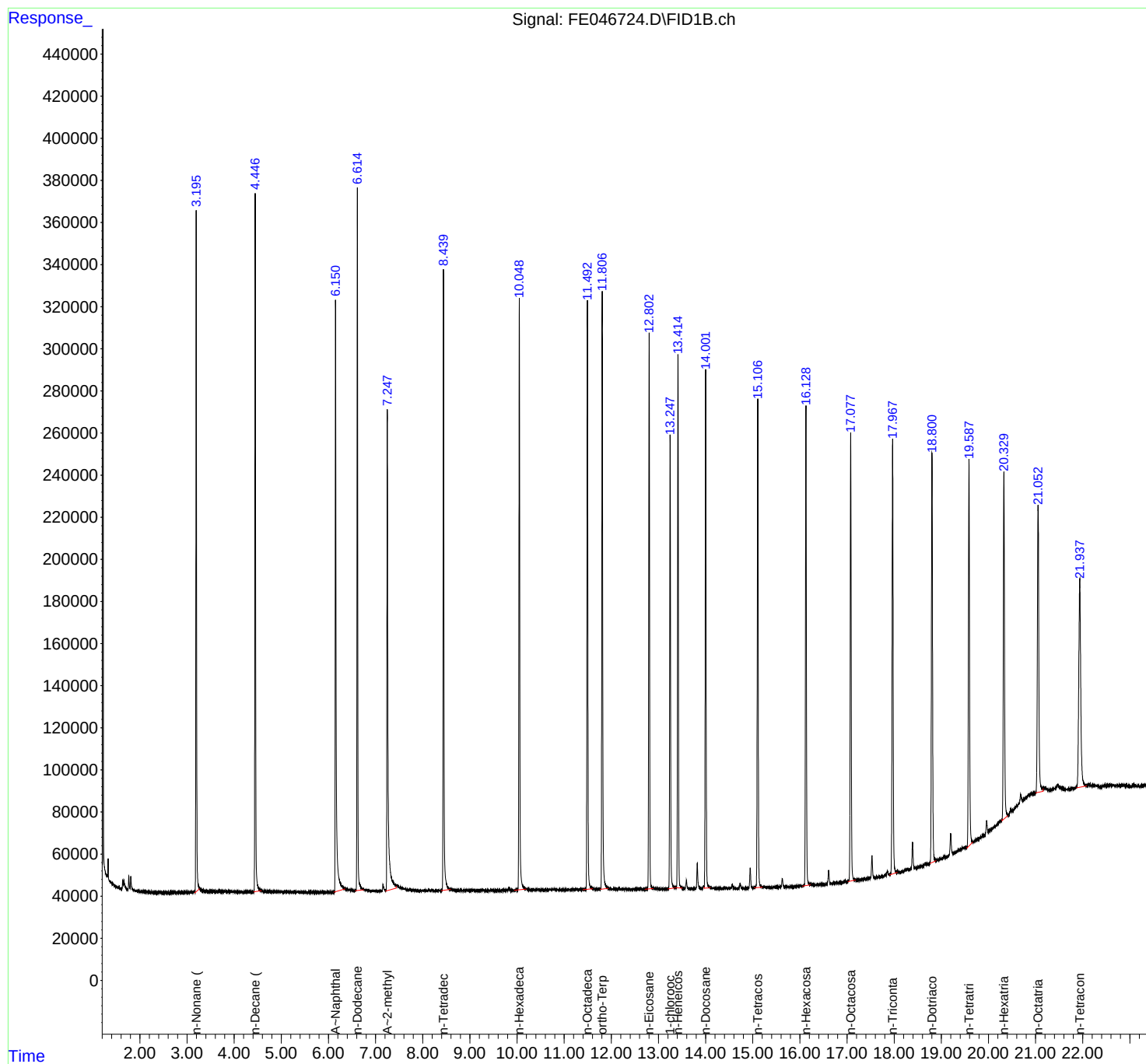
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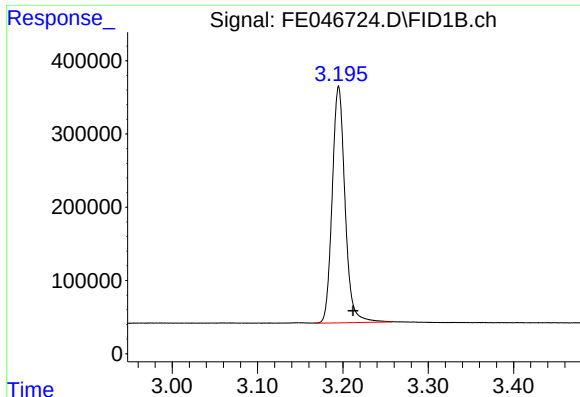
(m)=manual int.

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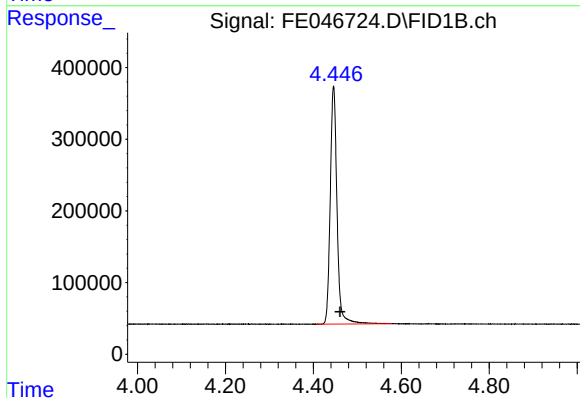
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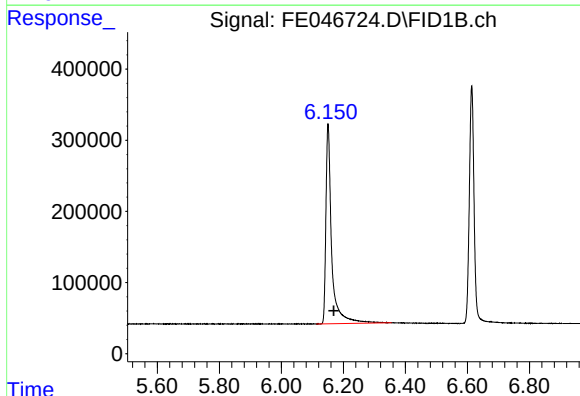
#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: -0.017 min
Response: 3379544
Conc: 20.92 ug/ml m



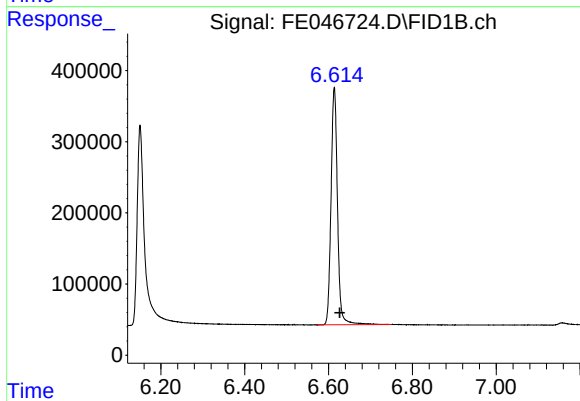
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: -0.015 min
Response: 3542560
Conc: 21.62 ug/ml



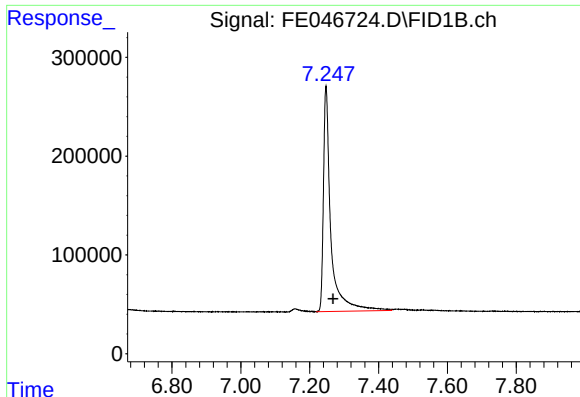
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.018 min
Response: 3645405
Conc: 21.32 ug/ml



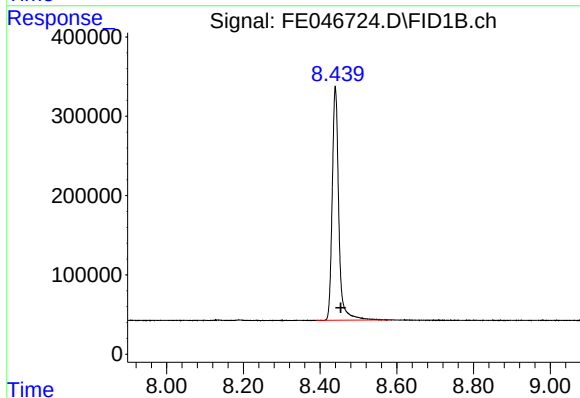
#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: -0.013 min
Response: 3568878
Conc: 21.58 ug/ml



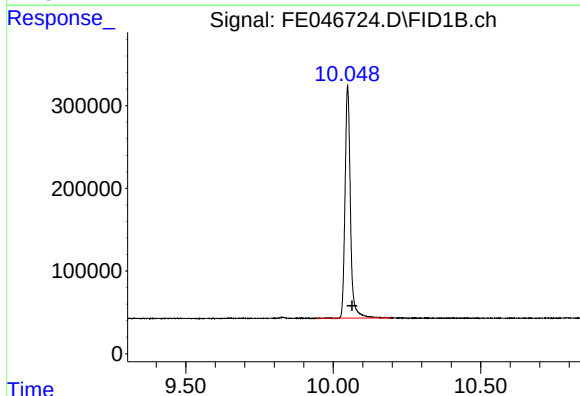
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: -0.020 min
Response: 3432788
Conc: 21.52 ug/ml



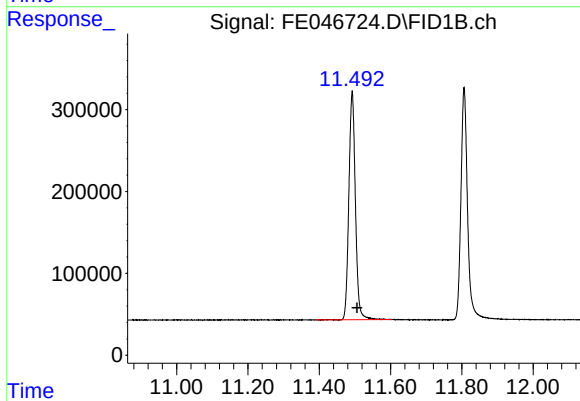
#6 n-Tetradecane (C14)

R.T.: 8.440 min
Delta R.T.: -0.014 min
Response: 3501380
Conc: 21.36 ug/ml



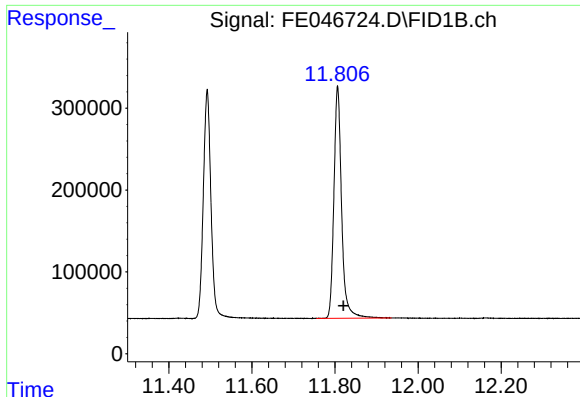
#7 n-Hexadecane (C16)

R.T.: 10.049 min
Delta R.T.: -0.015 min
Response: 3564668
Conc: 20.86 ug/ml



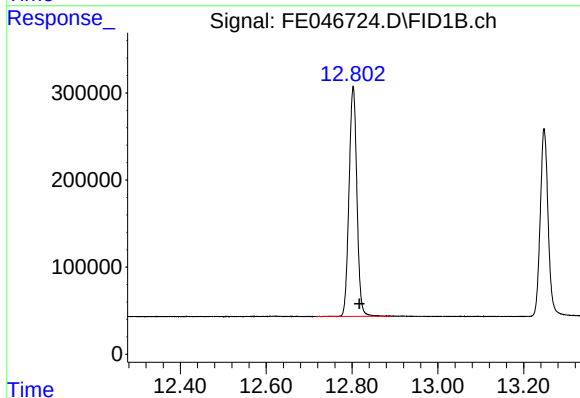
#8 n-Octadecane (C18)

R.T.: 11.493 min
Delta R.T.: -0.014 min
Response: 3556471
Conc: 20.40 ug/ml



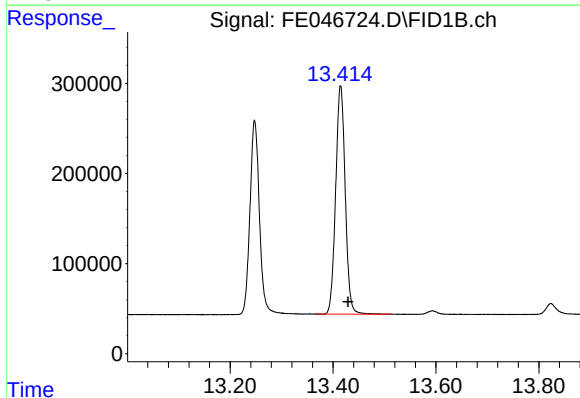
#9 ortho-Terphenyl (SURR)

R.T.: 11.806 min
Delta R.T.: -0.014 min
Response: 3643466
Conc: 19.70 ug/ml



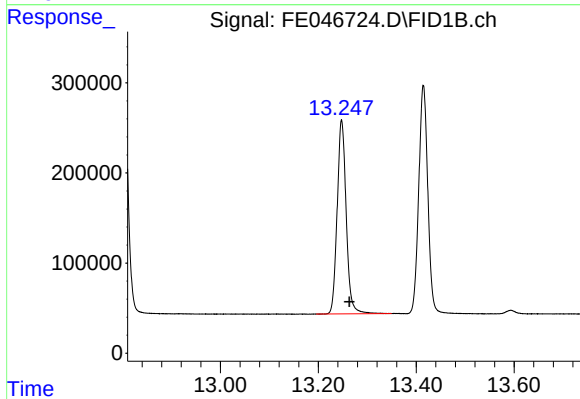
#10 n-Eicosane (C20)

R.T.: 12.803 min
Delta R.T.: -0.014 min
Response: 3359537
Conc: 19.79 ug/ml



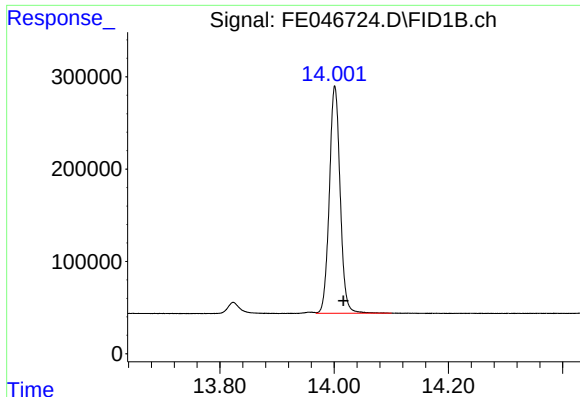
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.015 min
Response: 3264703
Conc: 19.57 ug/ml



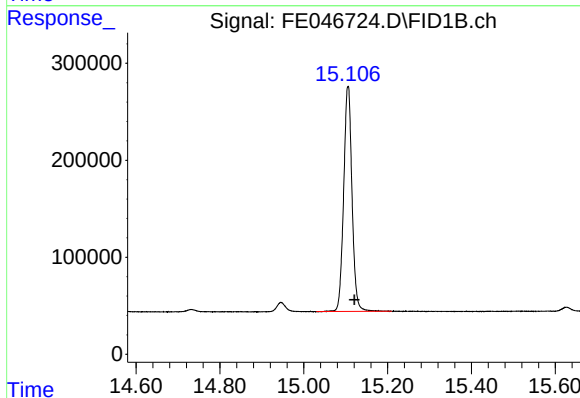
#12 1-chlorooctadecane (SURR)

R.T.: 13.248 min
Delta R.T.: -0.016 min
Response: 2760751
Conc: 19.40 ug/ml



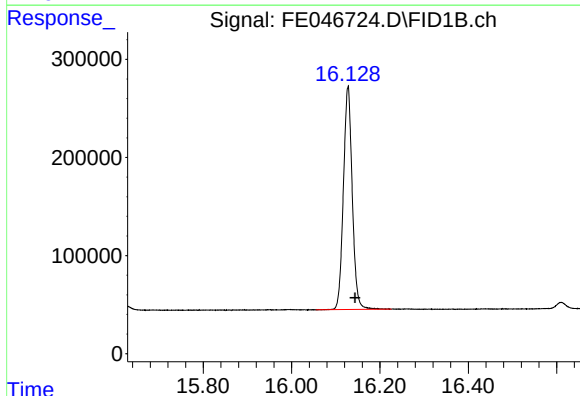
#13 n-Docosane (C22)

R.T.: 14.001 min
Delta R.T.: -0.015 min
Response: 3232857
Conc: 19.51 ug/ml



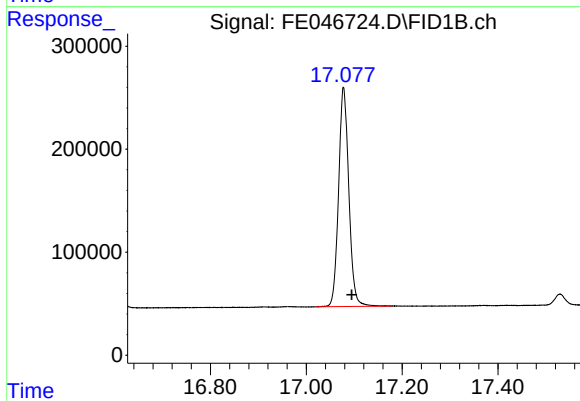
#14 n-Tetracosane (C24)

R.T.: 15.106 min
Delta R.T.: -0.016 min
Response: 3217226
Conc: 19.50 ug/ml



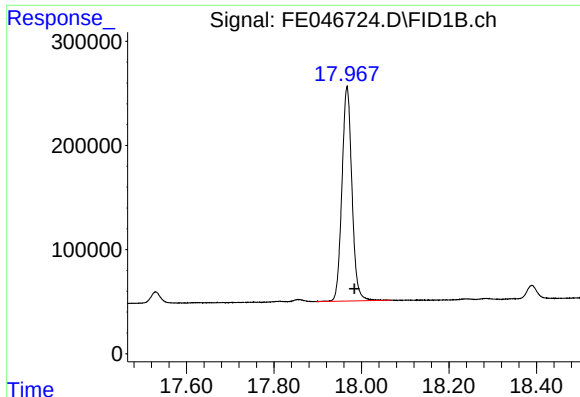
#15 n-Hexacosane (C26)

R.T.: 16.128 min
Delta R.T.: -0.016 min
Response: 3166807
Conc: 19.62 ug/ml



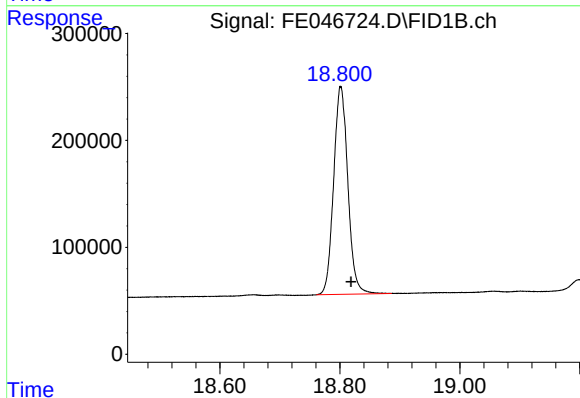
#16 n-Octacosane (C28)

R.T.: 17.078 min
Delta R.T.: -0.017 min
Response: 3157145
Conc: 20.11 ug/ml



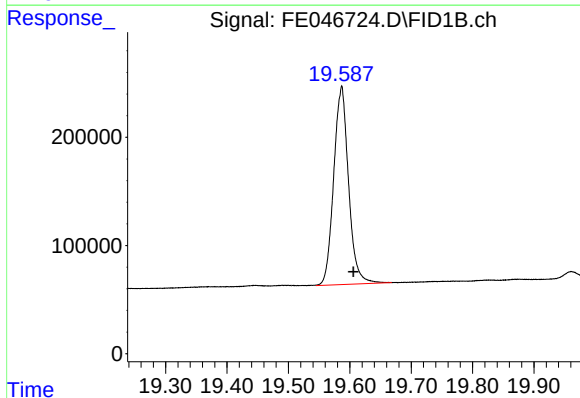
#17 n-Tricontane (C30)

R.T.: 17.967 min
Delta R.T.: -0.017 min
Response: 3265865
Conc: 20.85 ug/ml



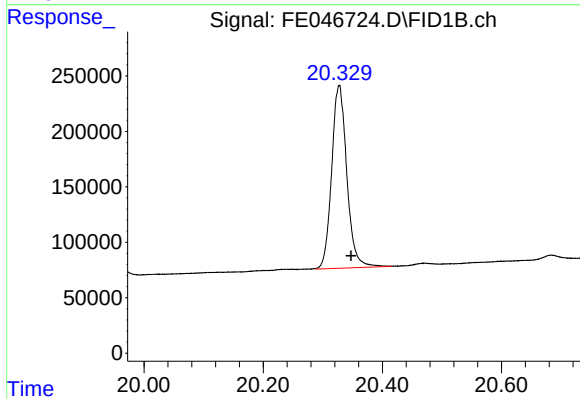
#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: -0.017 min
Response: 3205801
Conc: 21.21 ug/ml



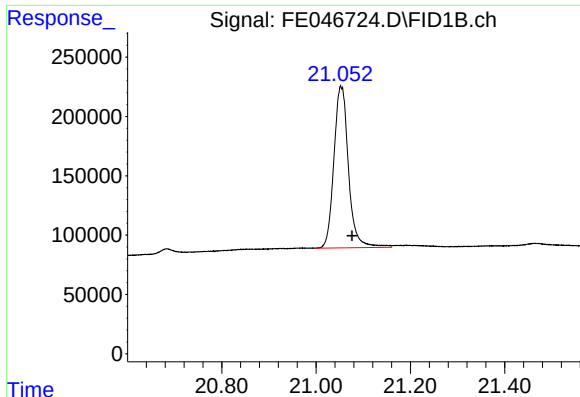
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.019 min
Response: 3075357
Conc: 21.68 ug/ml m



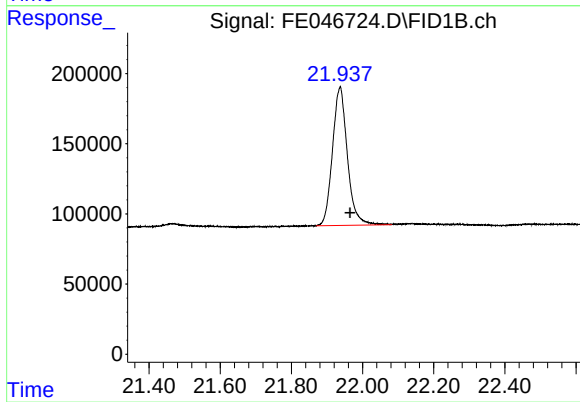
#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.019 min
Response: 2914560
Conc: 21.14 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.052 min
Delta R.T.: -0.024 min
Response: 2914683
Conc: 22.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.028 min
Response: 2870689
Conc: 22.96 ug/ml m