

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082322AL\
 Data File : FE037202.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2022 14:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 15:08:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 14:39:17 2022
 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)	11.700	3469222	20.074 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
12) S 1-chlorooctadecane (S...	13.117	2741932	20.068 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
Target Compounds			
1) T n-Nonane (C9)	3.084	3026192	20.313 ug/ml
2) T n-Decane (C10)	4.340	3055327	20.397 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2896758	20.010 ug/ml
4) T n-Dodecane (C12)	6.509	3136525	20.289 ug/ml
5) T A~2-methylnaphthalene...	7.165	2651445	19.166 ug/ml
6) T n-Tetradecane (C14)	9.931	3186770	20.261 ug/ml
7) T n-Hexadecane (C16)	9.931	3186770	20.261 ug/ml
8) T n-Octadecane (C18)	11.368	3252001	20.179 ug/ml
10) T n-Eicosane (C20)	12.671	3296578	20.021 ug/ml
11) T n-Heneicosane (C21)	13.281	3312613	20.027 ug/ml
13) T n-Docosane (C22)	13.864	3322439	20.000 ug/ml
14) T n-Tetracosane (C24)	14.963	3278961	19.863 ug/ml
15) T n-Hexacosane (C26)	15.980	3222614	19.765 ug/ml
16) T n-Octacosane (C28)	16.925	3113216	19.607 ug/ml
17) T n-Tricontane (C30)	17.808	3030692	19.513 ug/ml
18) T n-Dotriacontane (C32)	18.638	2981549	19.989 ug/ml
19) T n-Tetratriacontane (C34)	19.419	2658246	19.784 ug/ml
20) T n-Hexatriacontane (C36)	20.154	2540633	19.790 ug/ml
21) T n-Octatriacontane (C38)	20.857	2425566	20.205 ug/ml
22) T n-Tetracontane (C40)	21.659	2373101	19.648 ug/ml

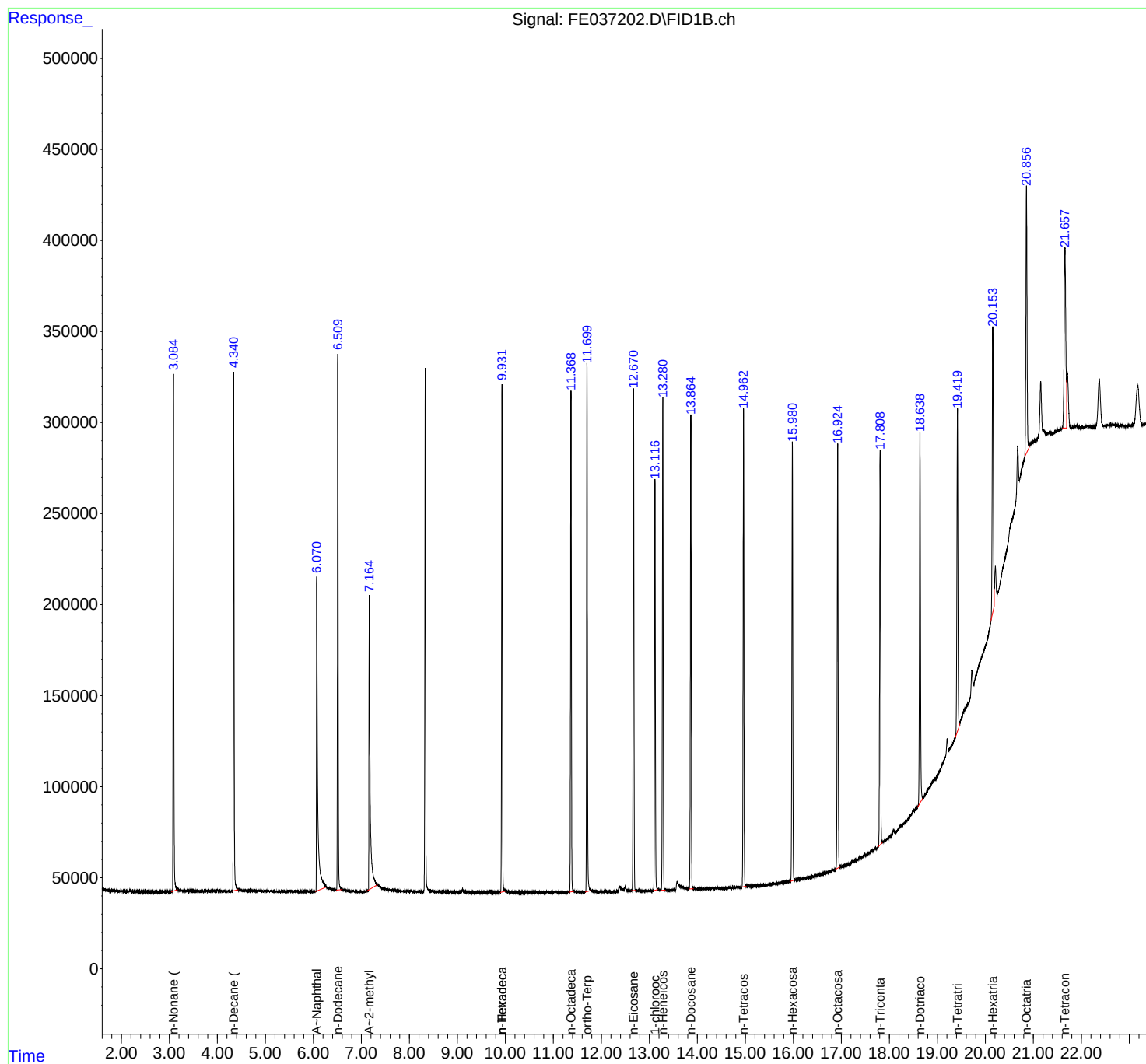
(f)=RT Delta > 1/2 Window

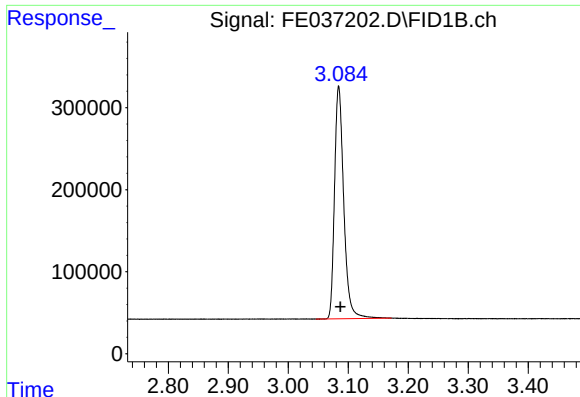
(m)=manual int.

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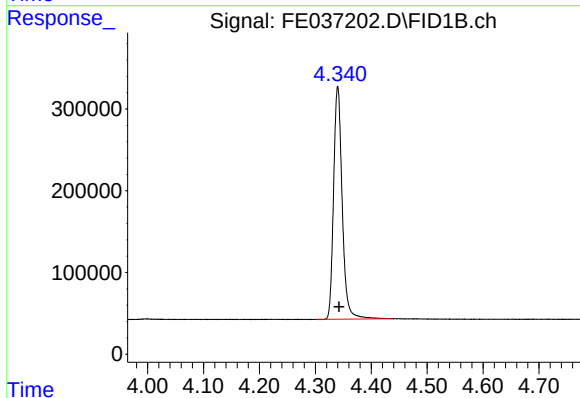
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Signal Info : 20M x 0.18mm x 0.18um





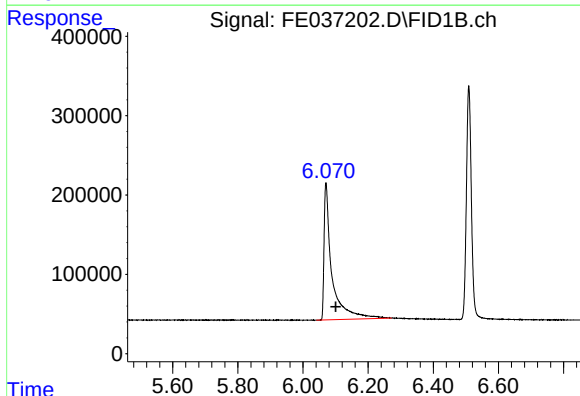
#1 n-Nonane (C9)

R.T.: 3.084 min
Delta R.T.: -0.003 min
Response: 3026192
Conc: 20.31 ug/ml



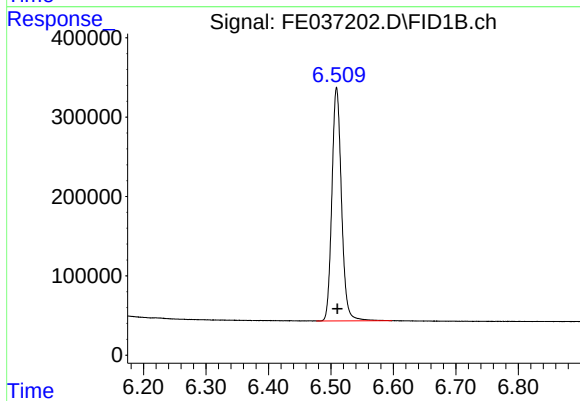
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: -0.002 min
Response: 3055327
Conc: 20.40 ug/ml



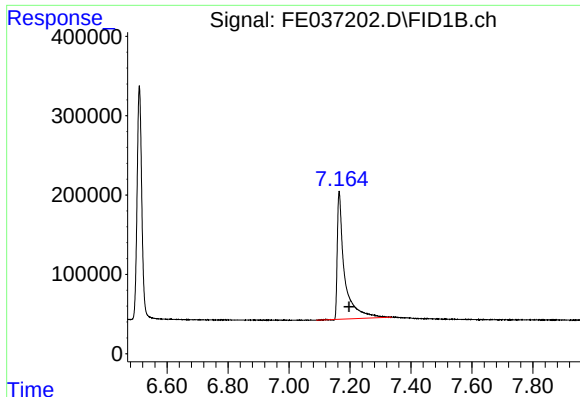
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.030 min
Response: 2896758
Conc: 20.01 ug/ml



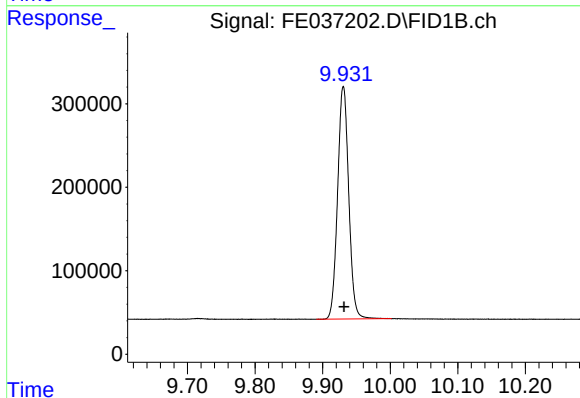
#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.001 min
Response: 3136525
Conc: 20.29 ug/ml



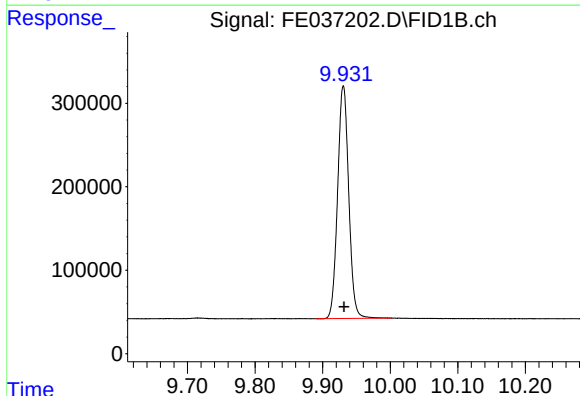
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: -0.032 min
Response: 2651445
Conc: 19.17 ug/ml



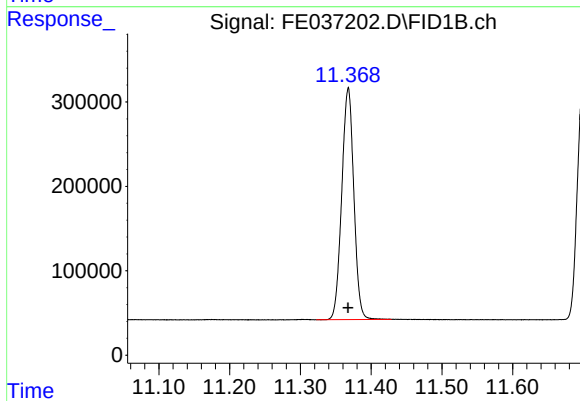
#6 n-Tetradecane (C14)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 3186770
Conc: 20.26 ug/ml



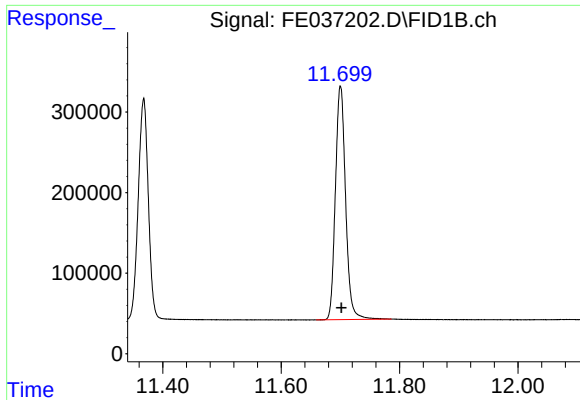
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 3186770
Conc: 20.26 ug/ml



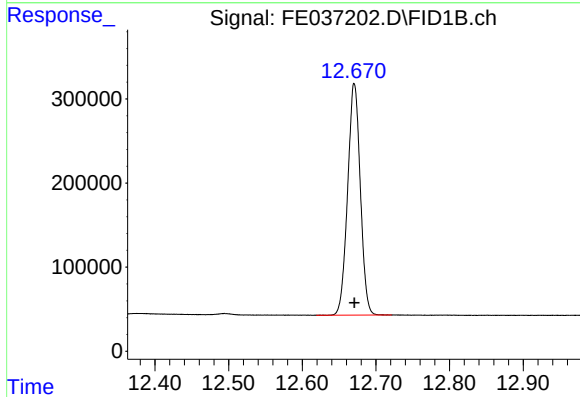
#8 n-Octadecane (C18)

R.T.: 11.368 min
Delta R.T.: 0.000 min
Response: 3252001
Conc: 20.18 ug/ml



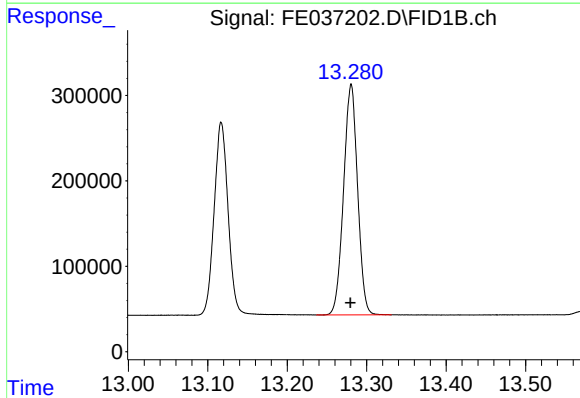
#9 ortho-Terphenyl (SURR)

R.T.: 11.700 min
Delta R.T.: -0.002 min
Response: 3469222
Conc: 20.07 ug/ml



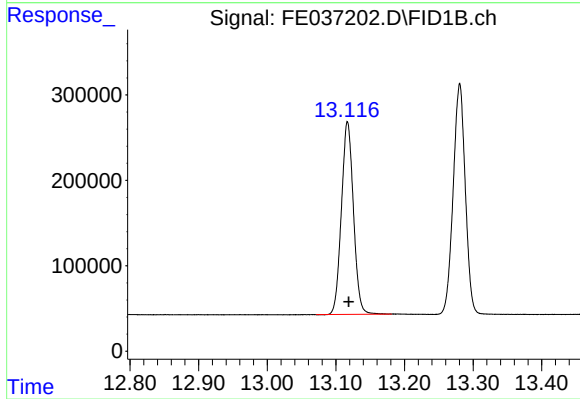
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.000 min
Response: 3296578
Conc: 20.02 ug/ml



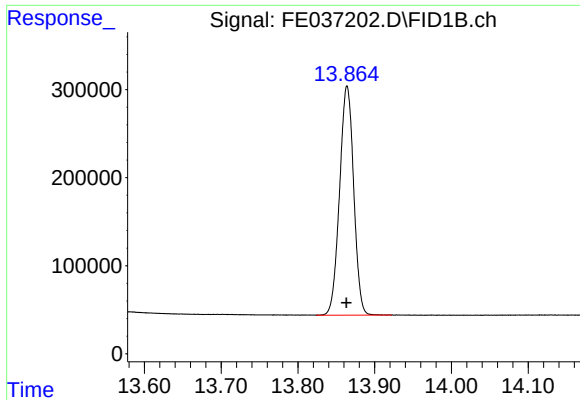
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 3312613
Conc: 20.03 ug/ml



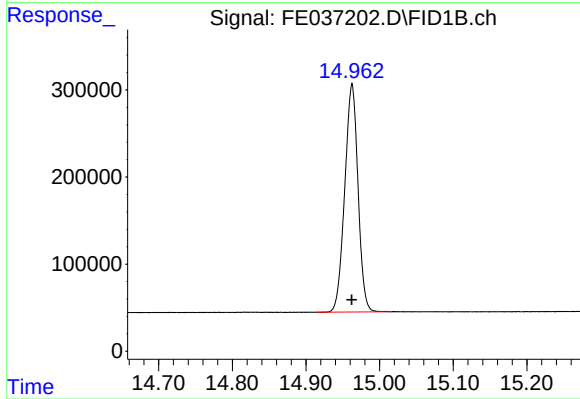
#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: -0.002 min
Response: 2741932
Conc: 20.07 ug/ml



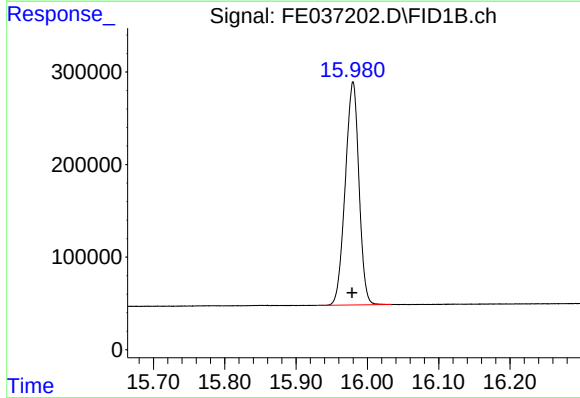
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: 0.001 min
Response: 3322439
Conc: 20.00 ug/ml



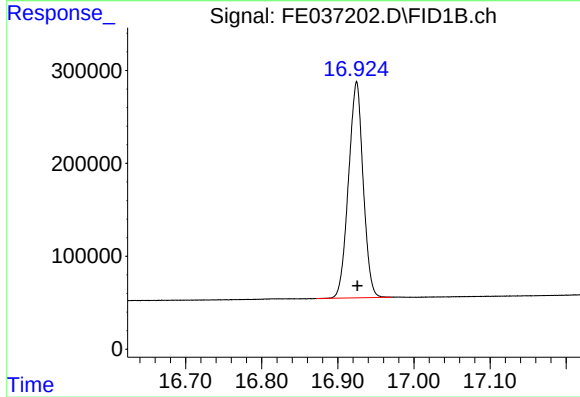
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 3278961
Conc: 19.86 ug/ml



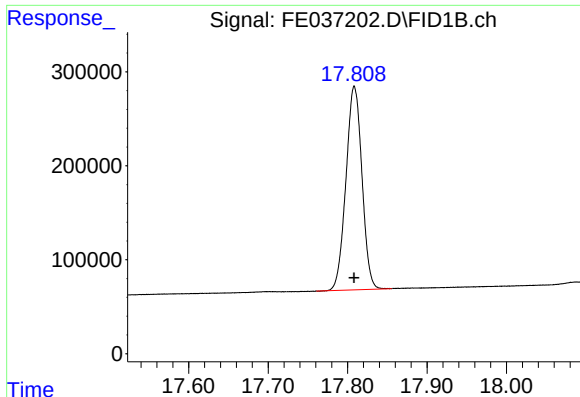
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: 0.001 min
Response: 3222614
Conc: 19.77 ug/ml



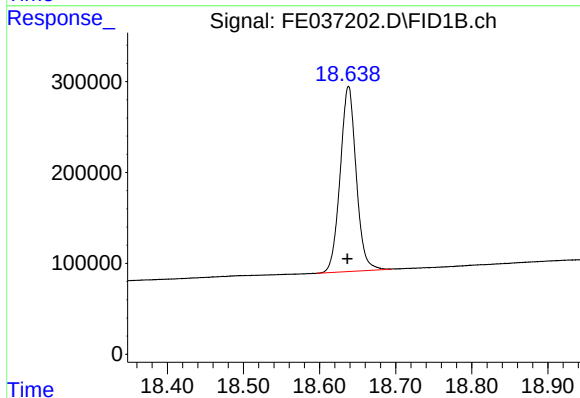
#16 n-Octacosane (C28)

R.T.: 16.925 min
Delta R.T.: 0.000 min
Response: 3113216
Conc: 19.61 ug/ml



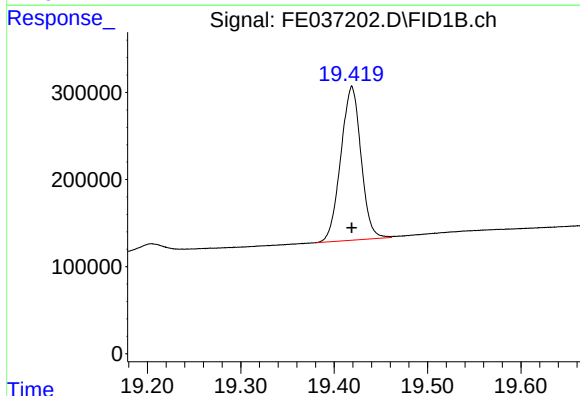
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: 0.000 min
Response: 3030692
Conc: 19.51 ug/ml



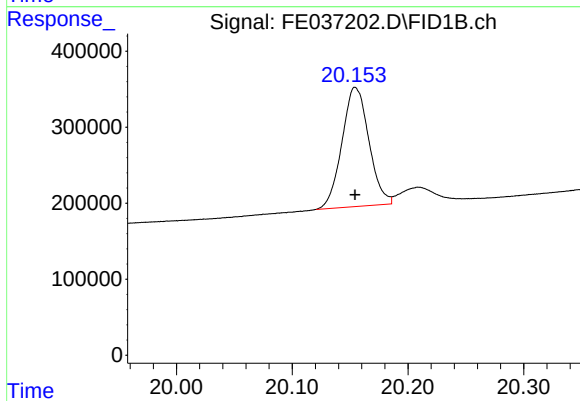
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: 0.002 min
Response: 2981549
Conc: 19.99 ug/ml



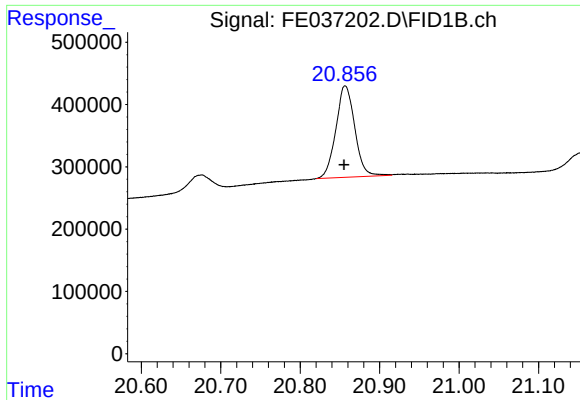
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: 0.000 min
Response: 2658246
Conc: 19.78 ug/ml



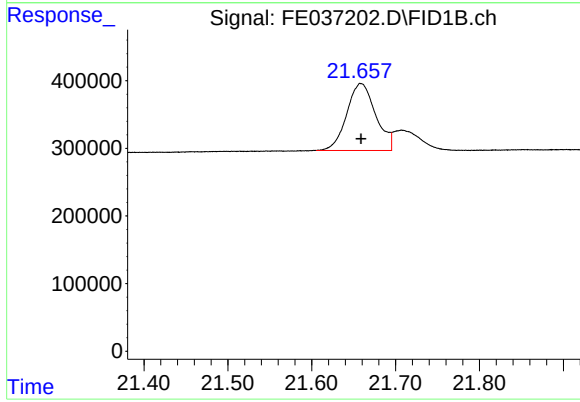
#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 2540633
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: 0.002 min
Response: 2425566
Conc: 20.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.659 min
Delta R.T.: 0.000 min
Response: 2373101
Conc: 19.65 ug/ml