

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071522AL\
 Data File : FE036517.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2022 02:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 02:39:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.852	3937510	19.708 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.291	3045337	19.670 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.242	3468715	19.286 ug/ml
2) T n-Decane (C10)	4.496	3521719	19.591 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3880859	19.343 ug/ml
4) T n-Dodecane (C12)	6.665	3627663	19.585 ug/ml
5) T A~2-methylnaphthalene...	7.293	3889326	19.105 ug/ml
6) T n-Tetradecane (C14)	8.492	3661132	19.583 ug/ml
7) T n-Hexadecane (C16)	10.098	3687954	19.693 ug/ml
8) T n-Octadecane (C18)	11.540	3689217	19.830 ug/ml
10) T n-Eicosane (C20)	12.848	3590706	19.820 ug/ml
11) T n-Heneicosane (C21)	13.460	3555928	19.796 ug/ml
13) T n-Docosane (C22)	14.045	3501028	19.802 ug/ml
14) T n-Tetracosane (C24)	15.149	3405368	19.882 ug/ml
15) T n-Hexacosane (C26)	16.169	3314402	20.060 ug/ml
16) T n-Octacosane (C28)	17.118	3287912	20.540 ug/ml
17) T n-Tricontane (C30)	18.007	3355057	21.671 ug/ml
18) T n-Dotriacontane (C32)	18.840	3285691	22.484 ug/ml
19) T n-Tetratriacontane (C34)	19.621	3087879	22.314 ug/ml
20) T n-Hexatriacontane (C36)	20.362	2873826	21.407 ug/ml
21) T n-Octatriacontane (C38)	21.089	2881322	21.666 ug/ml
22) T n-Tetracontane (C40)	21.973	3430294	24.533 ug/ml

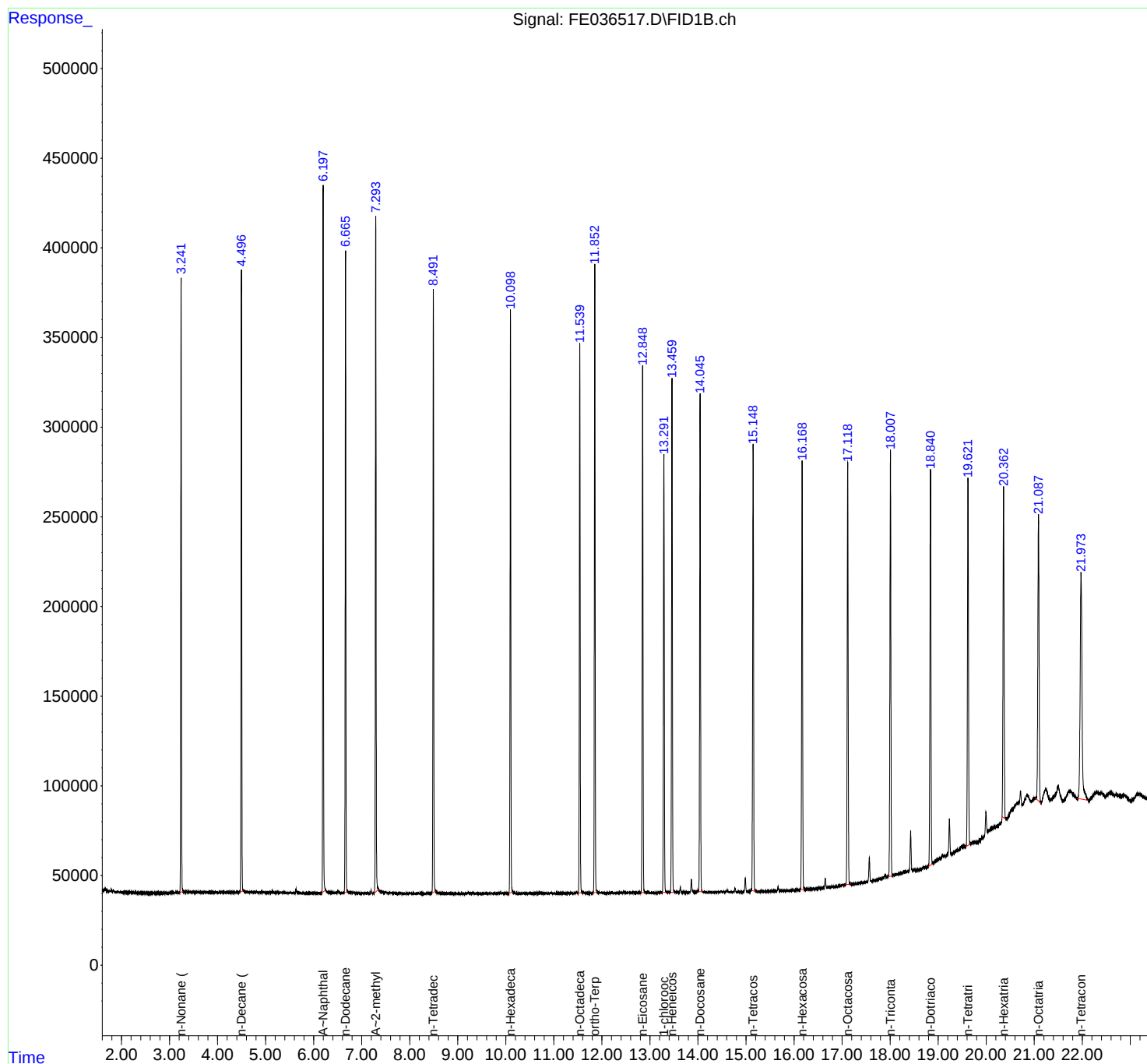
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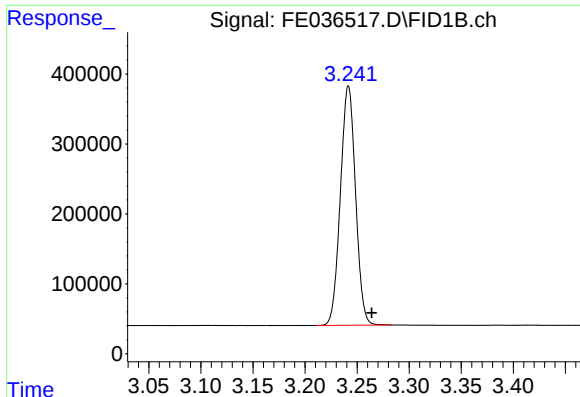
(m)=manual int.

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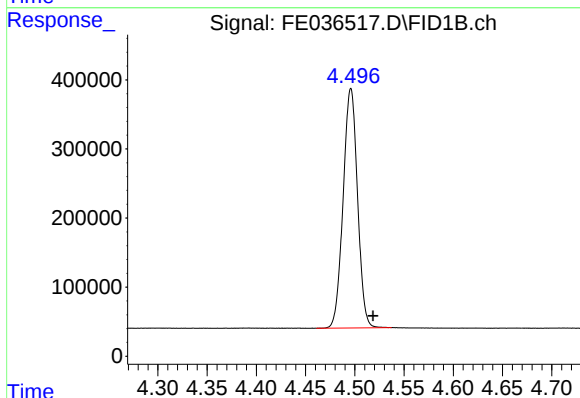
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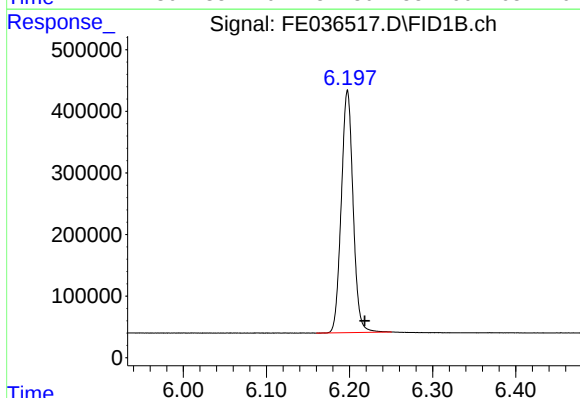
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.022 min
Response: 3468715
Conc: 19.29 ug/ml



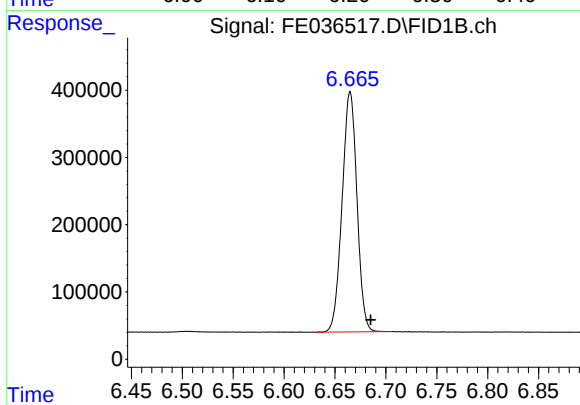
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.022 min
Response: 3521719
Conc: 19.59 ug/ml



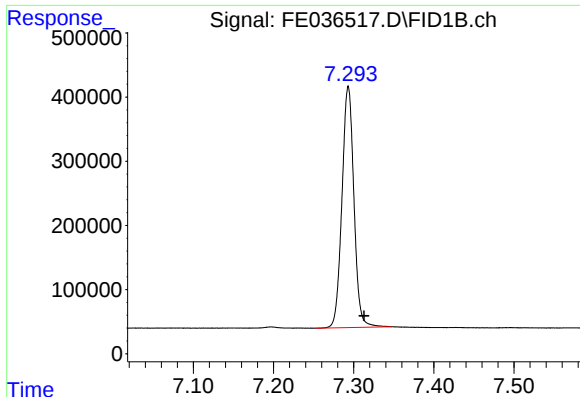
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.021 min
Response: 3880859
Conc: 19.34 ug/ml



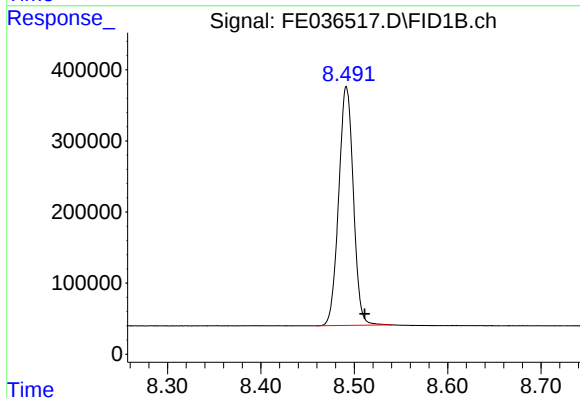
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.020 min
Response: 3627663
Conc: 19.59 ug/ml



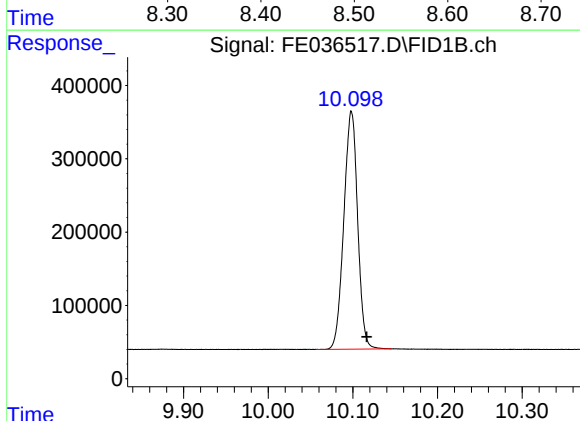
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: -0.020 min
Response: 3889326
Conc: 19.11 ug/ml



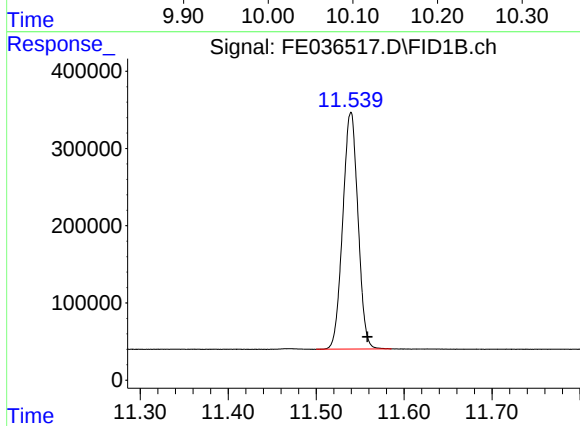
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.020 min
Response: 3661132
Conc: 19.58 ug/ml



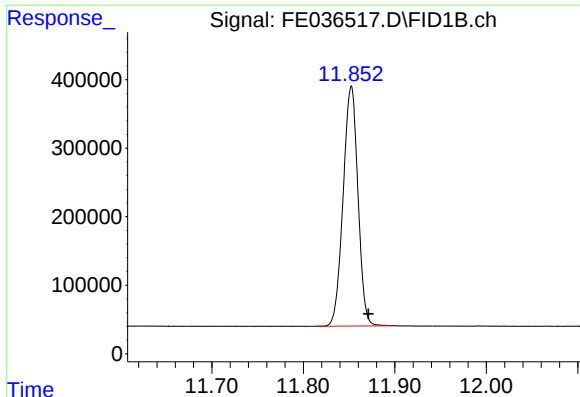
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.018 min
Response: 3687954
Conc: 19.69 ug/ml



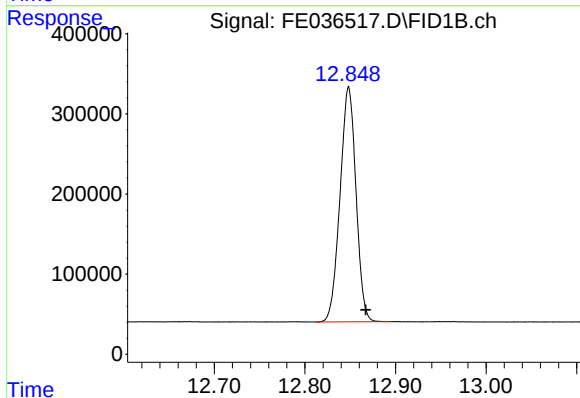
#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.019 min
Response: 3689217
Conc: 19.83 ug/ml



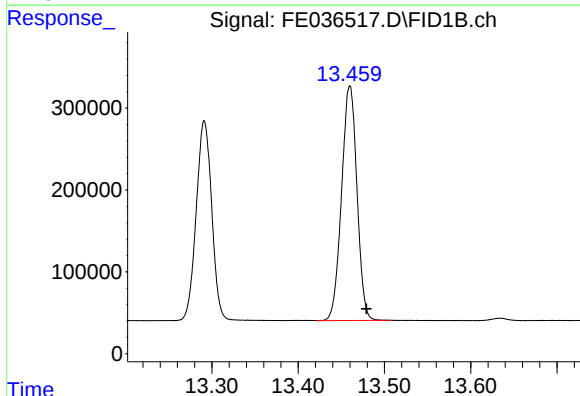
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: -0.019 min
Response: 3937510
Conc: 19.71 ug/ml



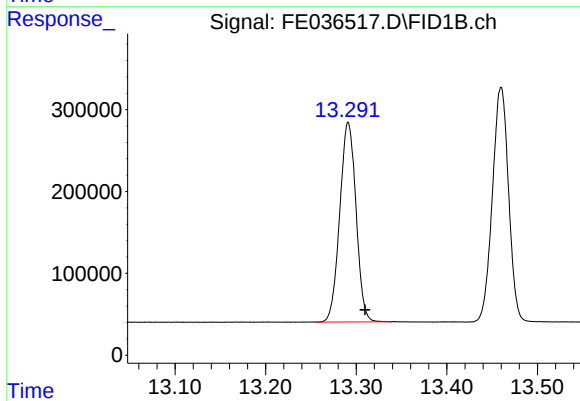
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.019 min
Response: 3590706
Conc: 19.82 ug/ml



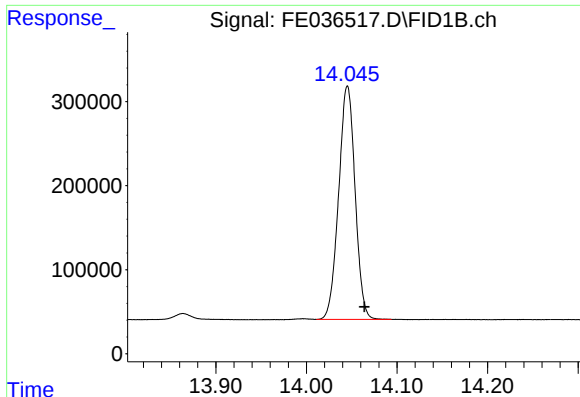
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.019 min
Response: 3555928
Conc: 19.80 ug/ml



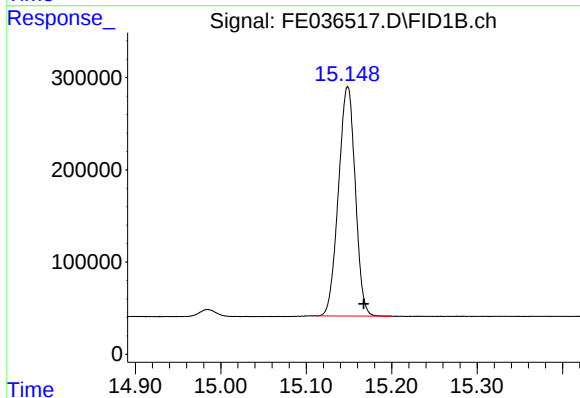
#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: -0.019 min
Response: 3045337
Conc: 19.67 ug/ml



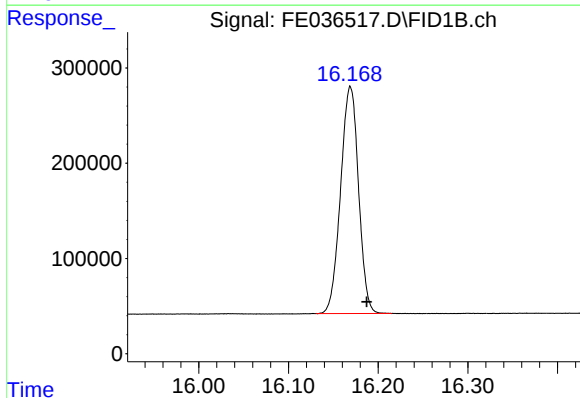
#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: -0.019 min
Response: 3501028
Conc: 19.80 ug/ml



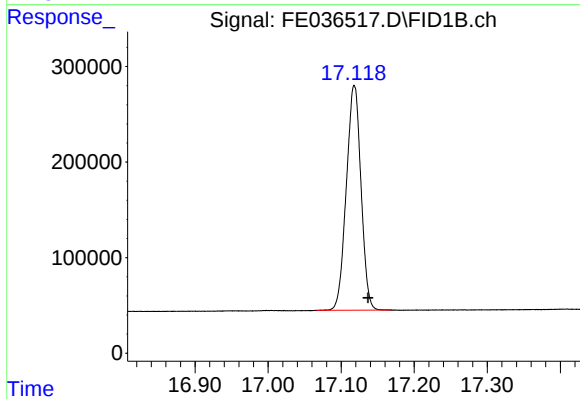
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.019 min
Response: 3405368
Conc: 19.88 ug/ml



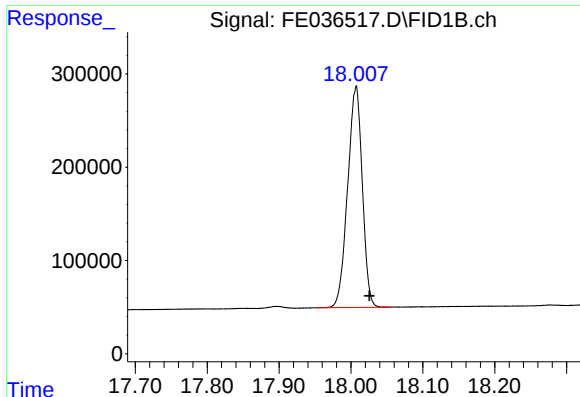
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.018 min
Response: 3314402
Conc: 20.06 ug/ml



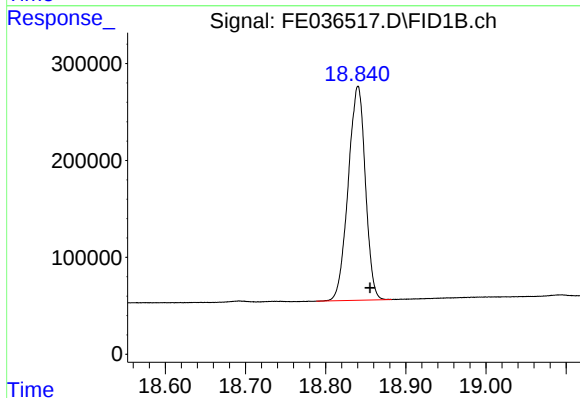
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.019 min
Response: 3287912
Conc: 20.54 ug/ml



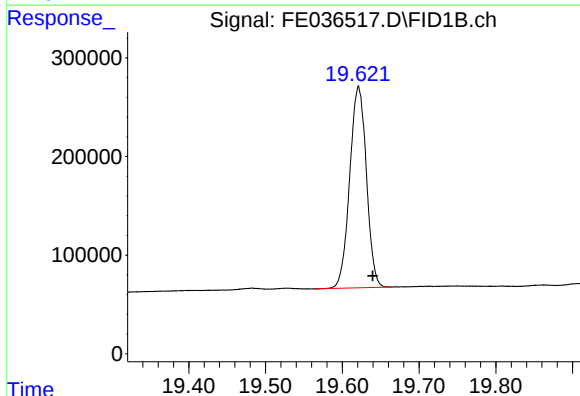
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.018 min
Response: 3355057
Conc: 21.67 ug/ml



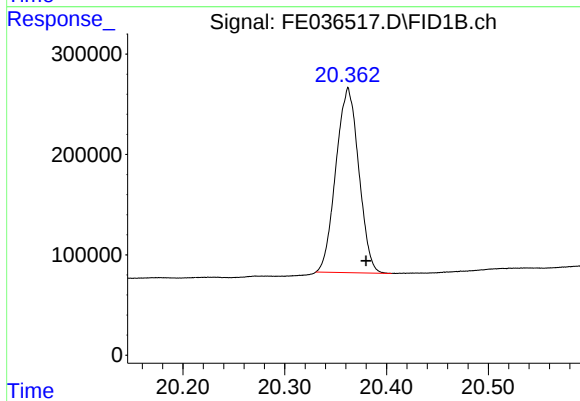
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.015 min
Response: 3285691
Conc: 22.48 ug/ml



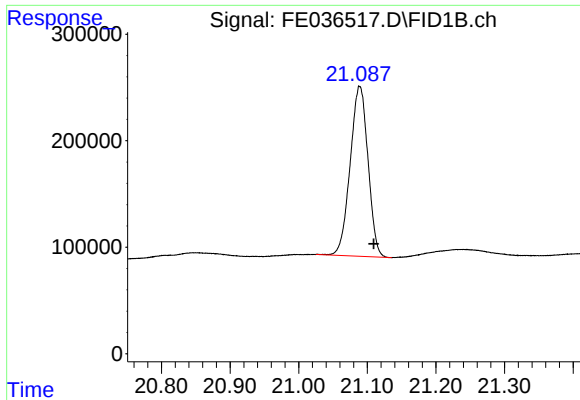
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.018 min
Response: 3087879
Conc: 22.31 ug/ml



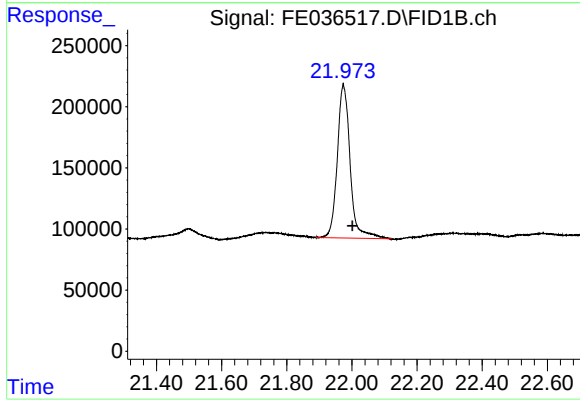
#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.018 min
Response: 2873826
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.020 min
Response: 2881322
Conc: 21.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.028 min
Response: 3430294
Conc: 24.53 ug/ml