

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011323AL\
 Data File : FE039799.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2023 20:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 02:12:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.919	3057740	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
12) S 1-chlorooctadecane (S...	13.355	2376743	20.367 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T n-Nonane (C9)	3.312	2523842	19.883 ug/ml
2) T n-Decane (C10)	4.562	2481900	19.985 ug/ml
3) T A~Naphthalene (C11.7)	6.265	2842212	20.154 ug/ml
4) T n-Dodecane (C12)	6.726	2535637	20.168 ug/ml
5) T A~2-methylnaphthalene...	7.360	2677509	20.442 ug/ml
6) T n-Tetradecane (C14)	8.552	2610622	20.298 ug/ml
7) T n-Hexadecane (C16)	10.159	2745459	20.351 ug/ml
8) T n-Octadecane (C18)	11.602	2825699	20.166 ug/ml
10) T n-Eicosane (C20)	12.911	2786103	20.109 ug/ml
11) T n-Heneicosane (C21)	13.523	2793573	20.020 ug/ml
13) T n-Docosane (C22)	14.110	2773634	19.982 ug/ml
14) T n-Tetracosane (C24)	15.214	2789001	20.257 ug/ml
15) T n-Hexacosane (C26)	16.235	2671154	20.014 ug/ml
16) T n-Octacosane (C28)	17.184	2618462	20.115 ug/ml
17) T n-Tricontane (C30)	18.072	2630097	20.624 ug/ml
18) T n-Dotriacontane (C32)	18.905	2771266	21.921 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2563115	20.742 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2687659	22.796 ug/ml
21) T n-Octatriacontane (C38)	21.164	2647096	22.148 ug/ml
22) T n-Tetracontane (C40)	22.073	2738915	22.567 ug/ml

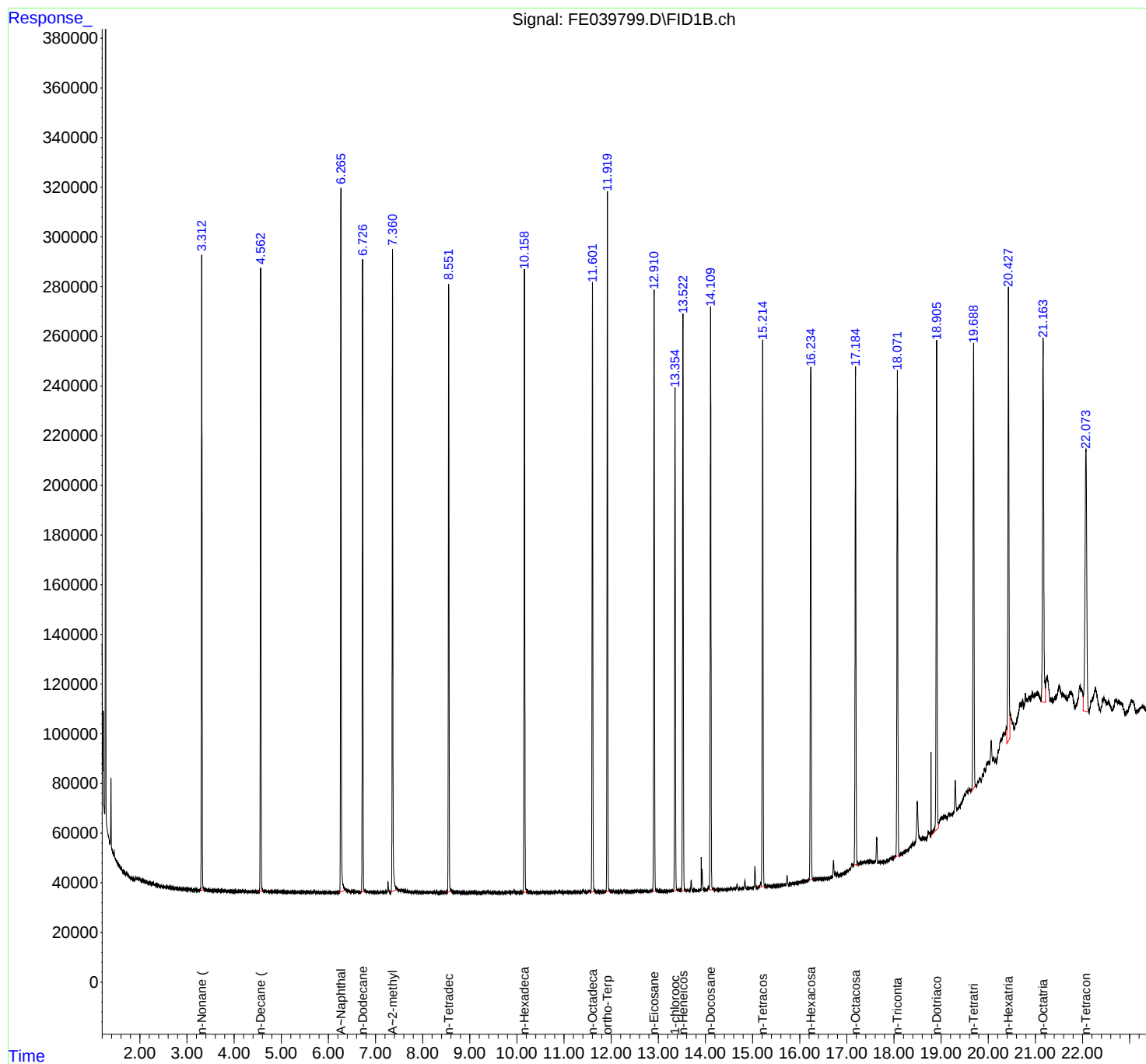
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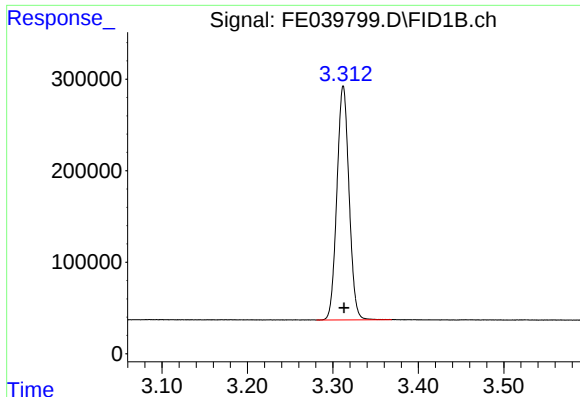
(m)=manual int.

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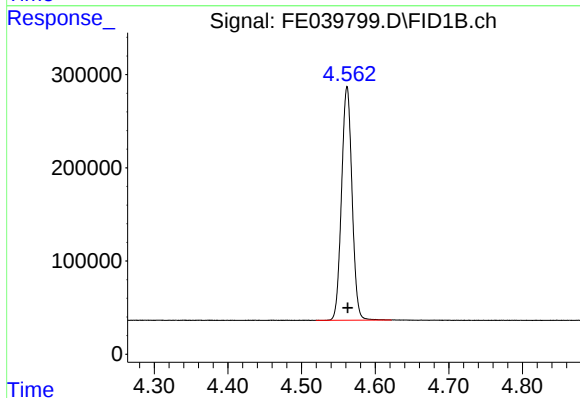
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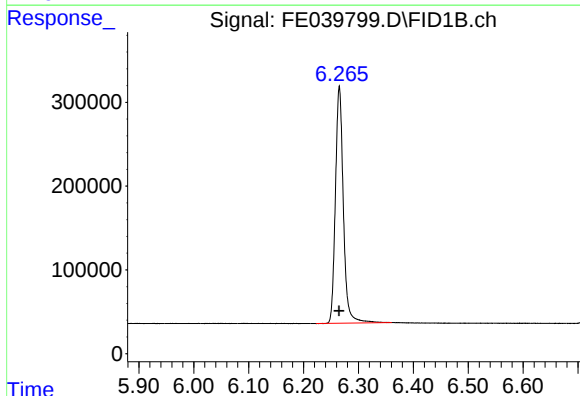
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2523842
Conc: 19.88 ug/ml



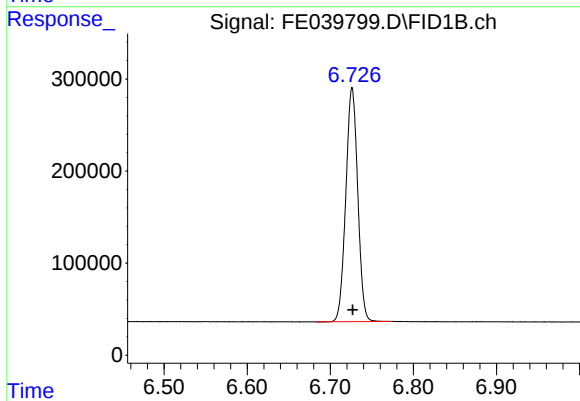
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 2481900
Conc: 19.99 ug/ml



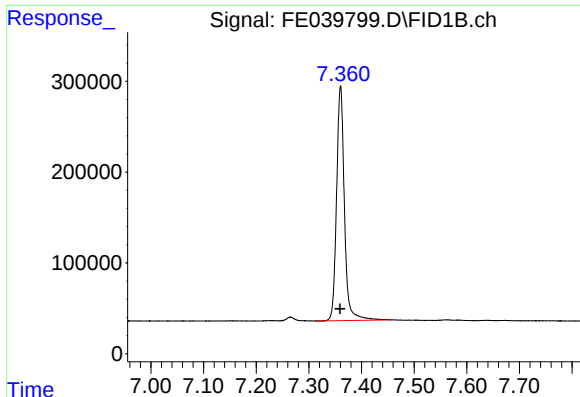
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 2842212
Conc: 20.15 ug/ml



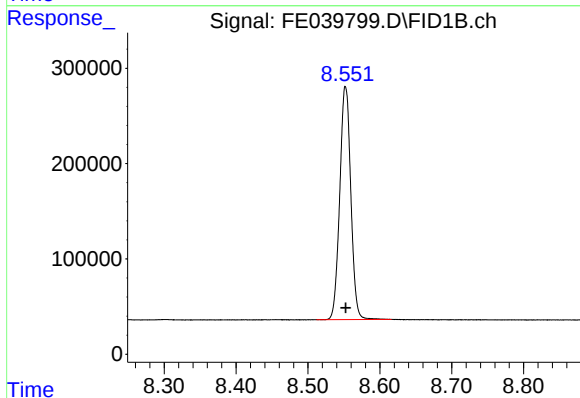
#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 2535637
Conc: 20.17 ug/ml



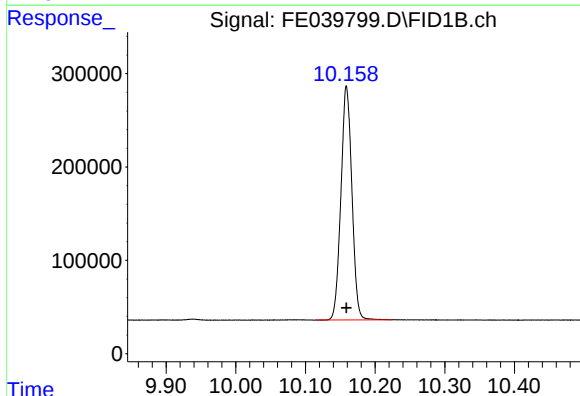
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.360 min
Delta R.T.: 0.001 min
Response: 2677509
Conc: 20.44 ug/ml



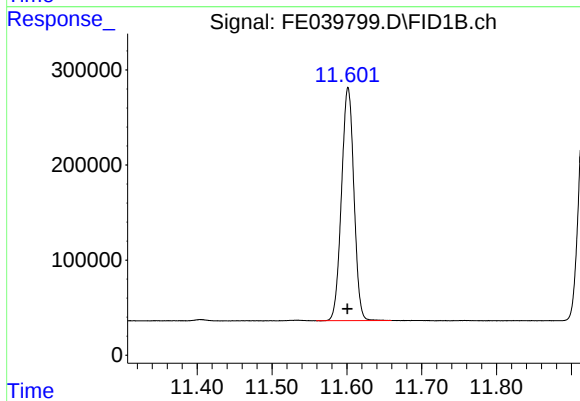
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 2610622
Conc: 20.30 ug/ml



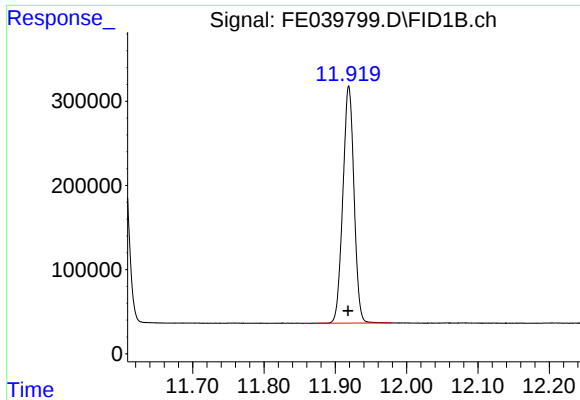
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 2745459
Conc: 20.35 ug/ml



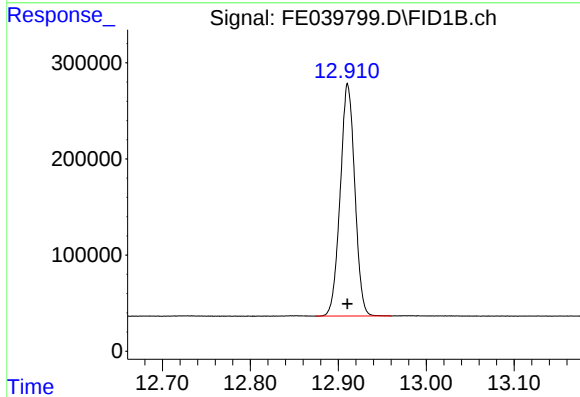
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 2825699
Conc: 20.17 ug/ml



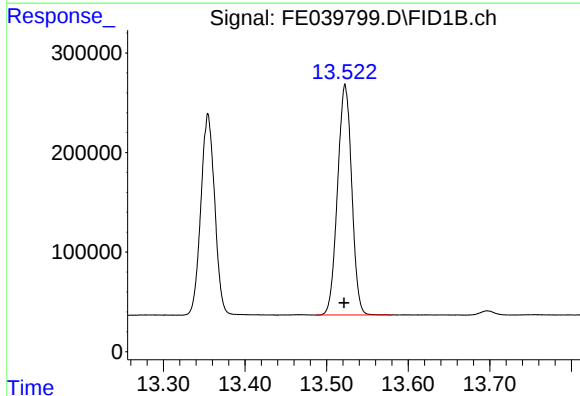
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: 0.001 min
Response: 3057740
Conc: 19.91 ug/ml



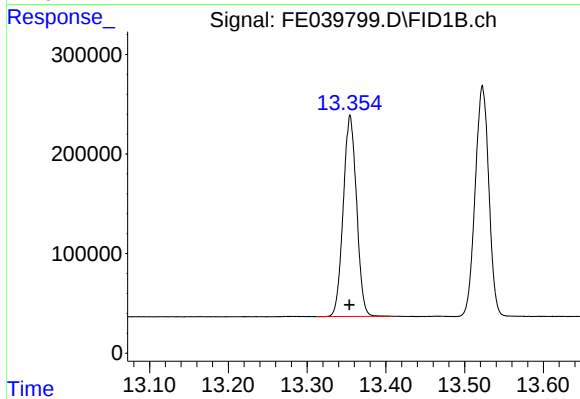
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.000 min
Response: 2786103
Conc: 20.11 ug/ml



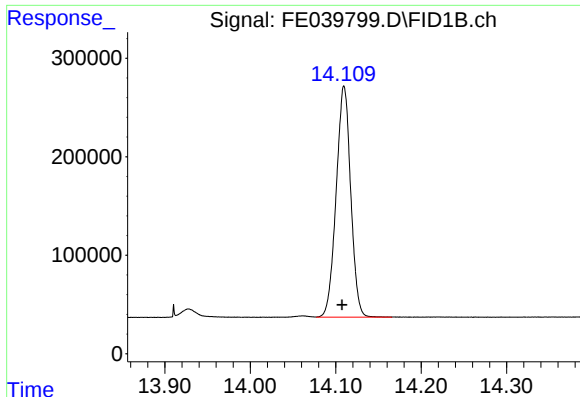
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.001 min
Response: 2793573
Conc: 20.02 ug/ml



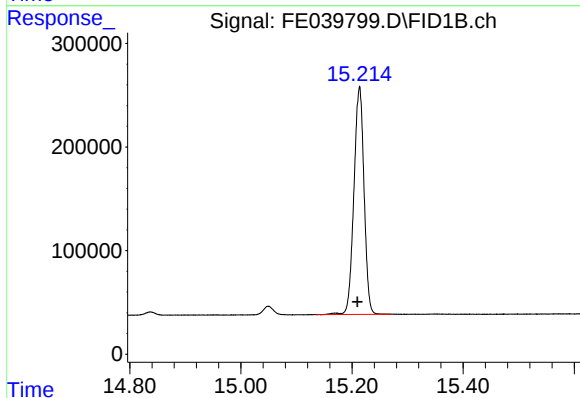
#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2376743
Conc: 20.37 ug/ml



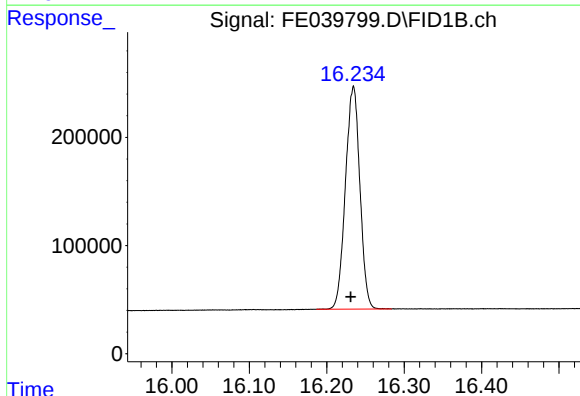
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: 0.002 min
Response: 2773634
Conc: 19.98 ug/ml



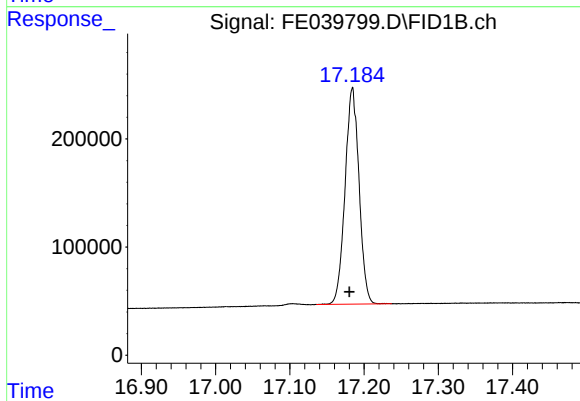
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: 0.004 min
Response: 2789001
Conc: 20.26 ug/ml



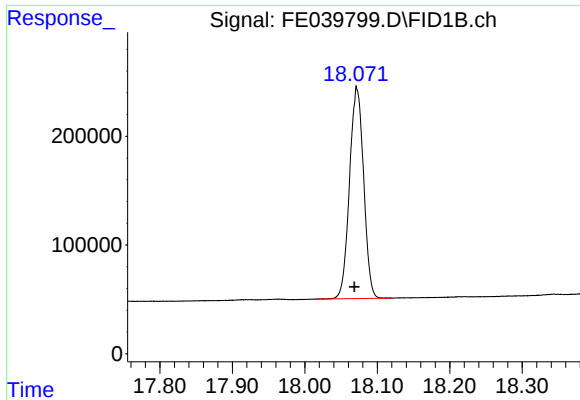
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: 0.003 min
Response: 2671154
Conc: 20.01 ug/ml



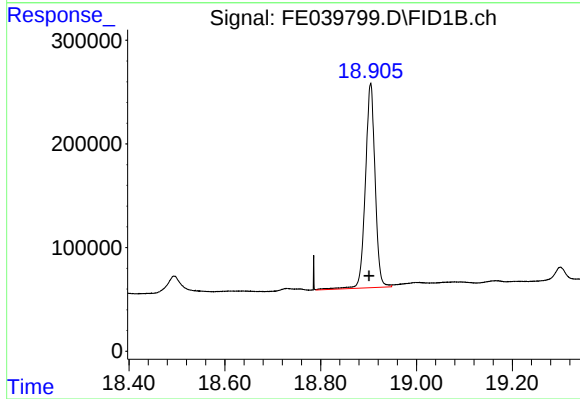
#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: 0.004 min
Response: 2618462
Conc: 20.11 ug/ml



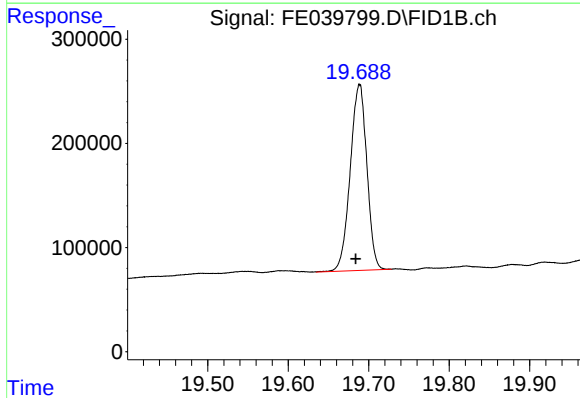
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 2630097
Conc: 20.62 ug/ml



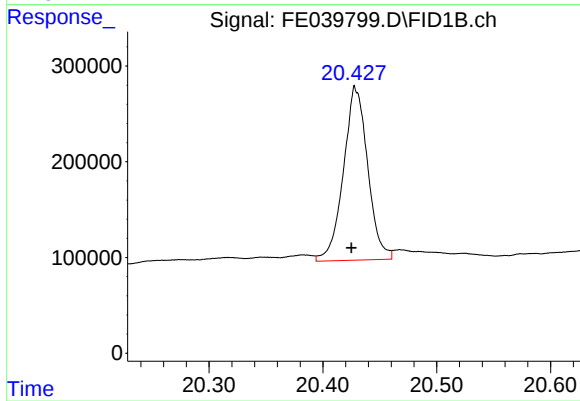
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.003 min
Response: 2771266
Conc: 21.92 ug/ml



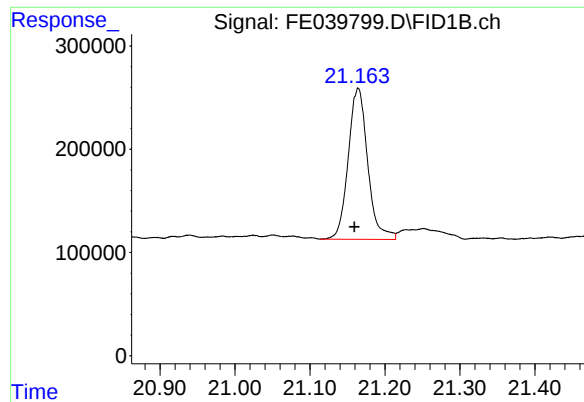
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.005 min
Response: 2563115
Conc: 20.74 ug/ml



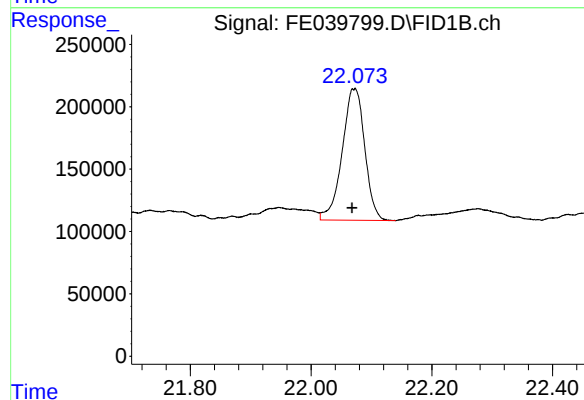
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.004 min
Response: 2687659
Conc: 22.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.005 min
Response: 2647096
Conc: 22.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: 0.005 min
Response: 2738915
Conc: 22.57 ug/ml