

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022823AL\
 Data File : FE040579.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 19:41
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 02:55:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 02:50:39 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)	11.882	8866467	49.702 ug/ml
Spiked Amount 50.000		Recovery =	99.40%
12) S 1-chlorooctadecane (S...	13.319	7034603	49.741 ug/ml
Spiked Amount 50.000		Recovery =	99.48%
Target Compounds			
1) T n-Nonane (C9)	3.278	7373760	49.679 ug/ml
2) T n-Decane (C10)	4.525	7264544	49.803 ug/ml
3) T A~Naphthalene (C11.7)	6.225	8322002	49.997 ug/ml
4) T n-Dodecane (C12)	6.689	7388085	49.796 ug/ml
5) T A~2-methylnaphthalene...	7.320	7856714	50.344 ug/ml
6) T n-Tetradecane (C14)	8.515	7492590	49.827 ug/ml
7) T n-Hexadecane (C16)	10.122	7794223	49.800 ug/ml
8) T n-Octadecane (C18)	11.566	8087890	49.737 ug/ml
10) T n-Eicosane (C20)	12.875	8021164	49.718 ug/ml
11) T n-Heneicosane (C21)	13.487	8125136	49.727 ug/ml
13) T n-Docosane (C22)	14.073	8110200	49.720 ug/ml
14) T n-Tetracosane (C24)	15.177	8165440	49.761 ug/ml
15) T n-Hexacosane (C26)	16.198	8049378	49.770 ug/ml
16) T n-Octacosane (C28)	17.149	7936400	49.775 ug/ml
17) T n-Tricontane (C30)	18.038	7694055	49.704 ug/ml
18) T n-Dotriacontane (C32)	18.871	7632296	47.893 ug/ml
19) T n-Tetratriacontane (C34)	19.655	7240059	49.670 ug/ml
20) T n-Hexatriacontane (C36)	20.395	6822068	49.834 ug/ml
21) T n-Octatriacontane (C38)	21.125	6428619	49.530 ug/ml
22) T n-Tetracontane (C40)	22.016	6601797	49.067 ug/ml

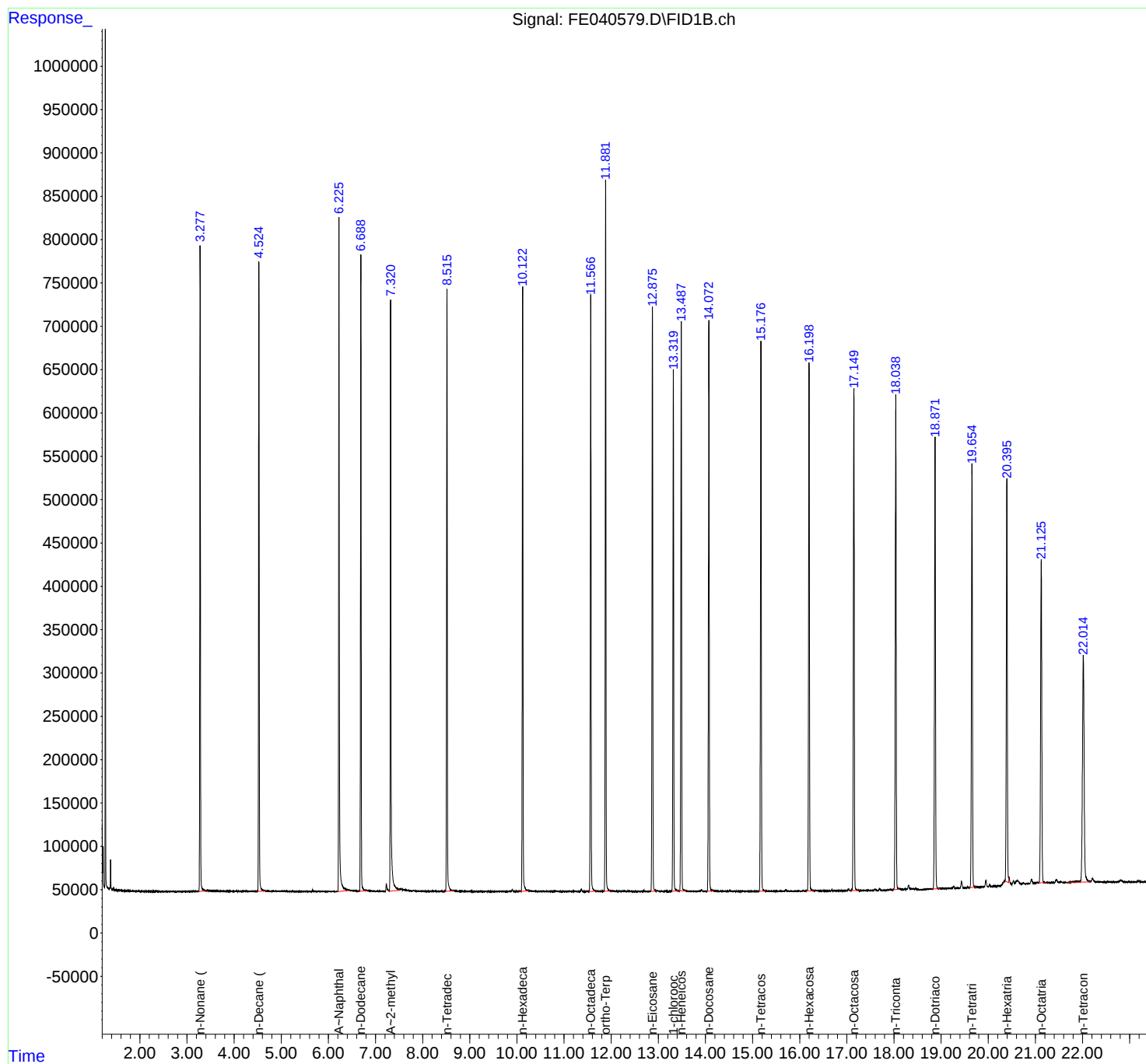
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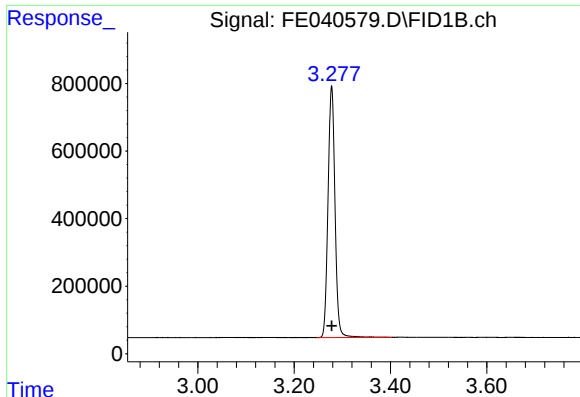
(m)=manual int.

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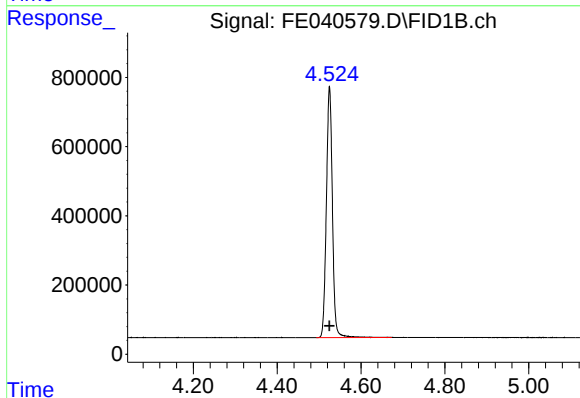
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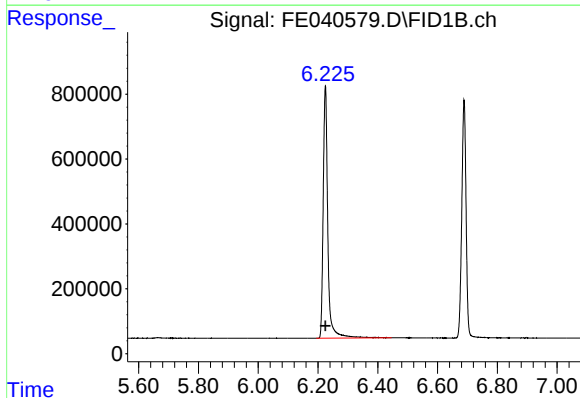
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 7373760
Conc: 49.68 ug/ml



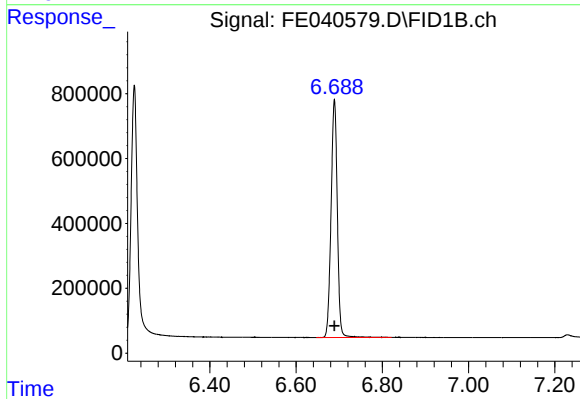
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 7264544
Conc: 49.80 ug/ml



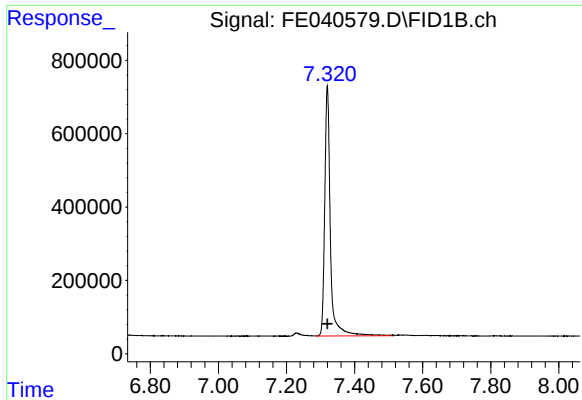
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8322002
Conc: 50.00 ug/ml



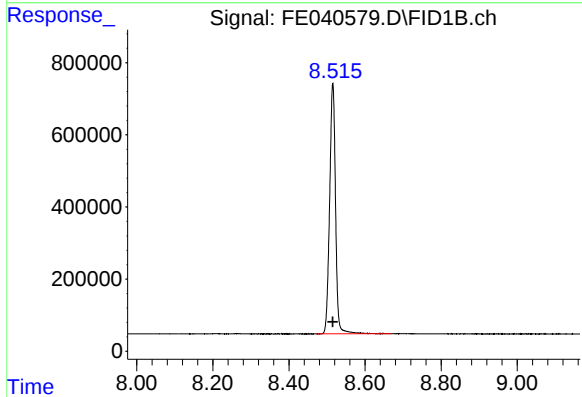
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 7388085
Conc: 49.80 ug/ml



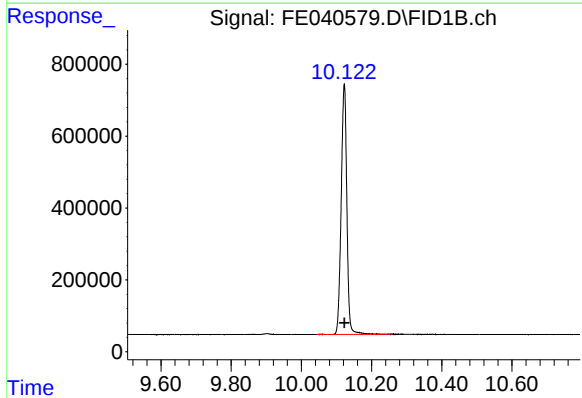
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 7856714
Conc: 50.34 ug/ml



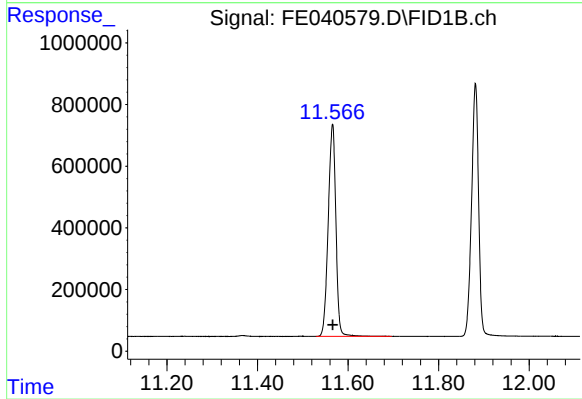
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 7492590
Conc: 49.83 ug/ml



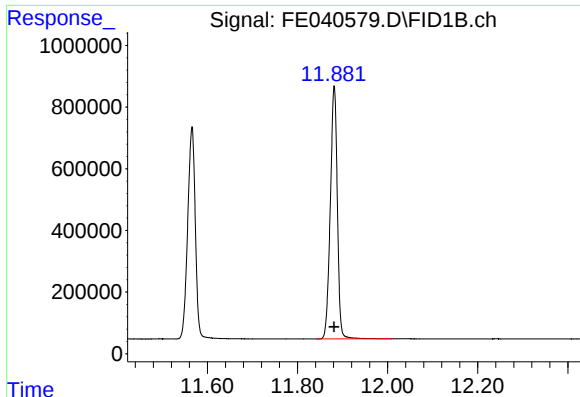
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.000 min
Response: 7794223
Conc: 49.80 ug/ml



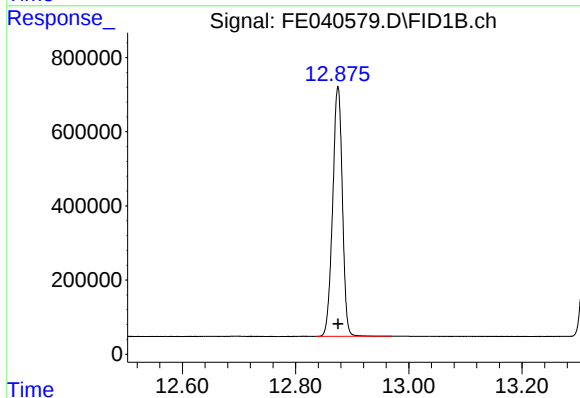
#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.000 min
Response: 8087890
Conc: 49.74 ug/ml



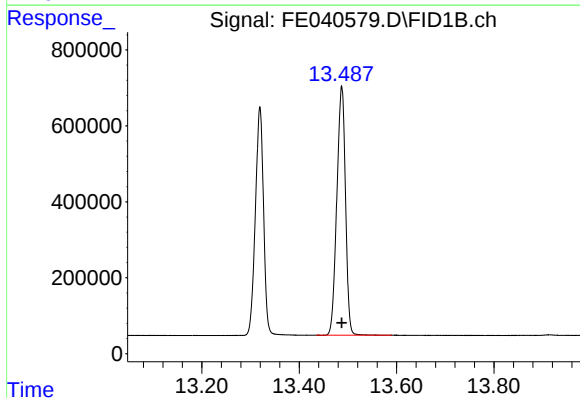
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.000 min
Response: 8866467
Conc: 49.70 ug/ml



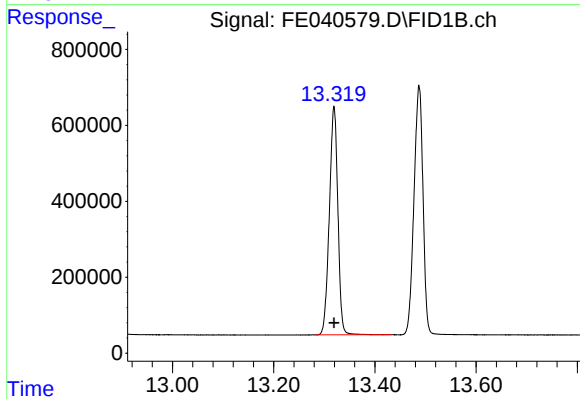
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.000 min
Response: 8021164
Conc: 49.72 ug/ml



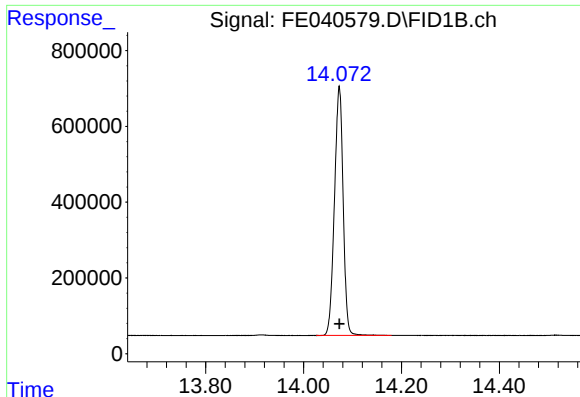
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: 0.000 min
Response: 8125136
Conc: 49.73 ug/ml



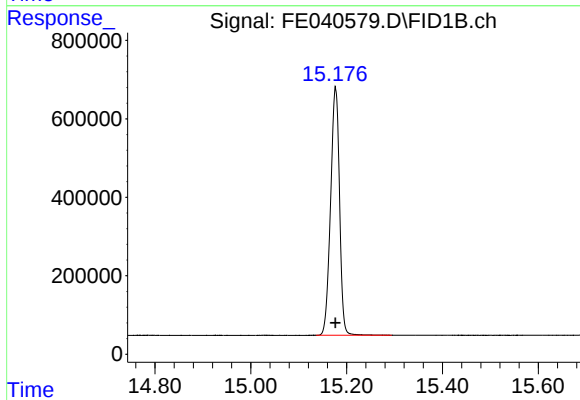
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.000 min
Response: 7034603
Conc: 49.74 ug/ml



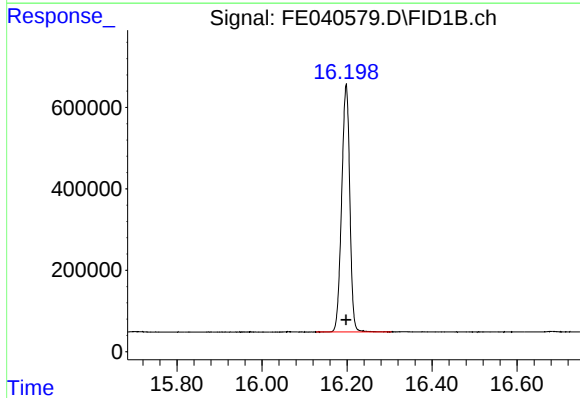
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: 0.000 min
Response: 8110200
Conc: 49.72 ug/ml



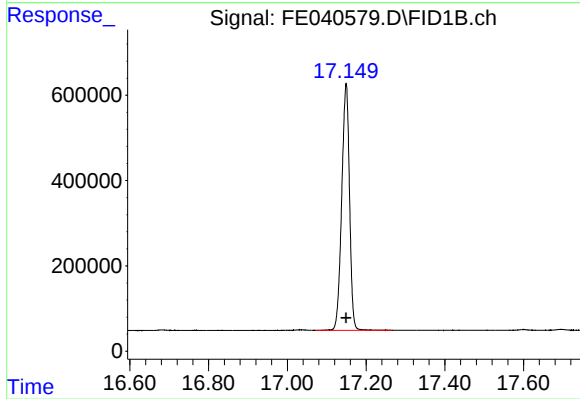
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.000 min
Response: 8165440
Conc: 49.76 ug/ml



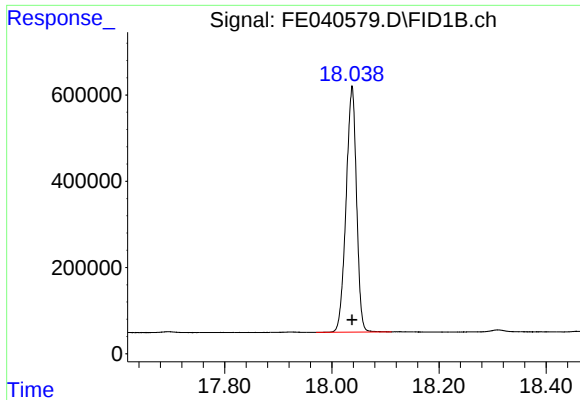
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.000 min
Response: 8049378
Conc: 49.77 ug/ml



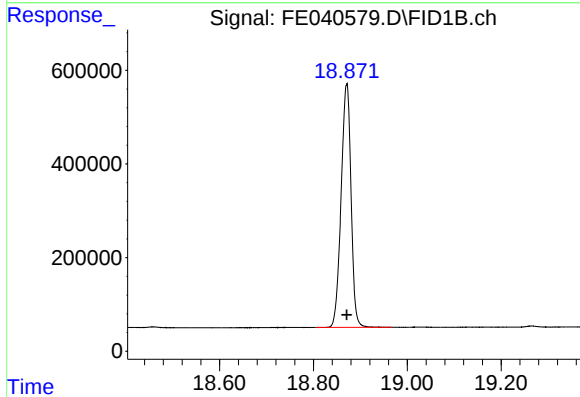
#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.000 min
Response: 7936400
Conc: 49.78 ug/ml



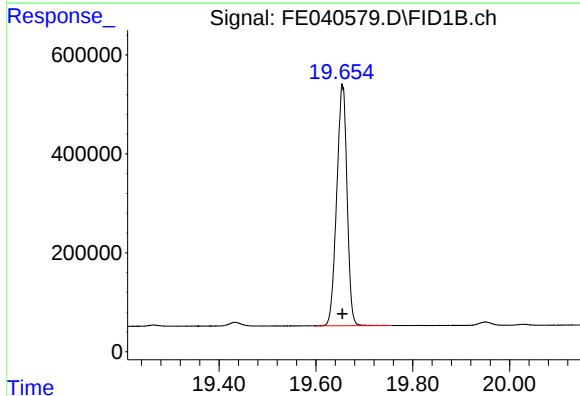
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.000 min
Response: 7694055
Conc: 49.70 ug/ml



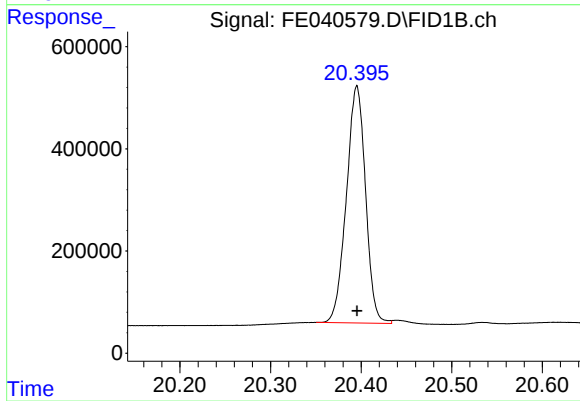
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.000 min
Response: 7632296
Conc: 47.89 ug/ml



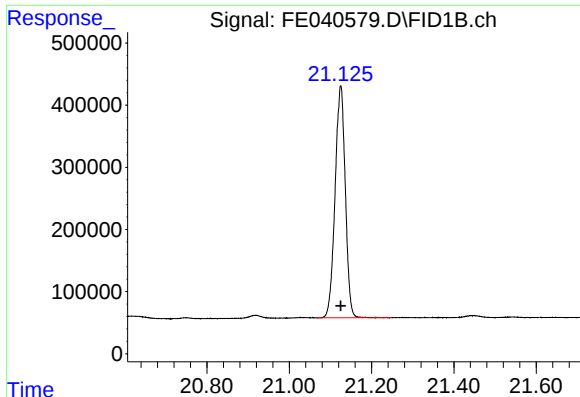
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.000 min
Response: 7240059
Conc: 49.67 ug/ml



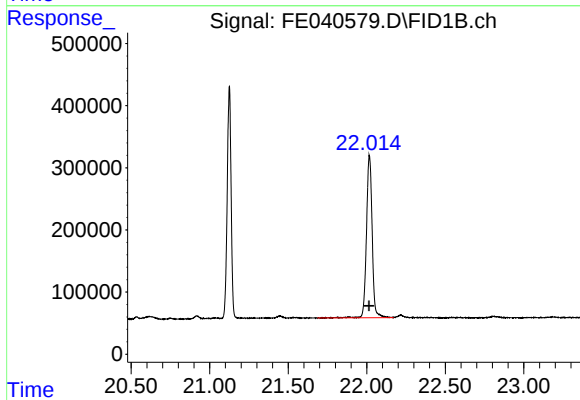
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: 0.000 min
Response: 6822068
Conc: 49.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.000 min
Response: 6428619
Conc: 49.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: 0.002 min
Response: 6601797
Conc: 49.07 ug/ml