

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055548.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 11:04
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:05:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 2025
 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)	12.075	1683791	10.276 ug/ml
Spiked Amount 50.000		Recovery =	20.55%
12) S 1-chlorooctadecane (S...	13.512	1275820	10.211 ug/ml
Spiked Amount 50.000		Recovery =	20.42%
Target Compounds			
1) T n-Nonane (C9)	3.414	1297407	10.254 ug/ml
2) T n-Decane (C10)	4.672	1304028	10.222 ug/ml
3) T A~Naphthalene (C11.7)	6.392	1470302	10.052 ug/ml
4) T n-Dodecane (C12)	6.848	1321327	10.157 ug/ml
5) T A~2-methylnaphthalene...	7.493	1415527	9.998 ug/ml
6) T n-Tetradecane (C14)	8.685	1343455	10.240 ug/ml
7) T n-Hexadecane (C16)	10.300	1408614	10.233 ug/ml
8) T n-Octadecane (C18)	11.749	1496127	10.301 ug/ml
10) T n-Eicosane (C20)	13.064	1475555	10.302 ug/ml
11) T n-Heneicosane (C21)	13.678	1469033	10.322 ug/ml
13) T n-Docosane (C22)	14.266	1474035	10.330 ug/ml
14) T n-Tetracosane (C24)	15.373	1491136	10.329 ug/ml
15) T n-Hexacosane (C26)	16.397	1473454	10.343 ug/ml
16) T n-Octacosane (C28)	17.349	1471739	10.411 ug/ml
17) T n-Tricontane (C30)	18.239	1533792	10.455 ug/ml
18) T n-Dotriacontane (C32)	19.073	1522069	10.422 ug/ml
19) T n-Tetratriacontane (C34)	19.859	1463167	10.416 ug/ml
20) T n-Hexatriacontane (C36)	20.600	1373755	10.486 ug/ml
21) T n-Octatriacontane (C38)	21.377	1388003	10.931 ug/ml
22) T n-Tetracontane (C40)	22.361	1365028	11.129 ug/ml

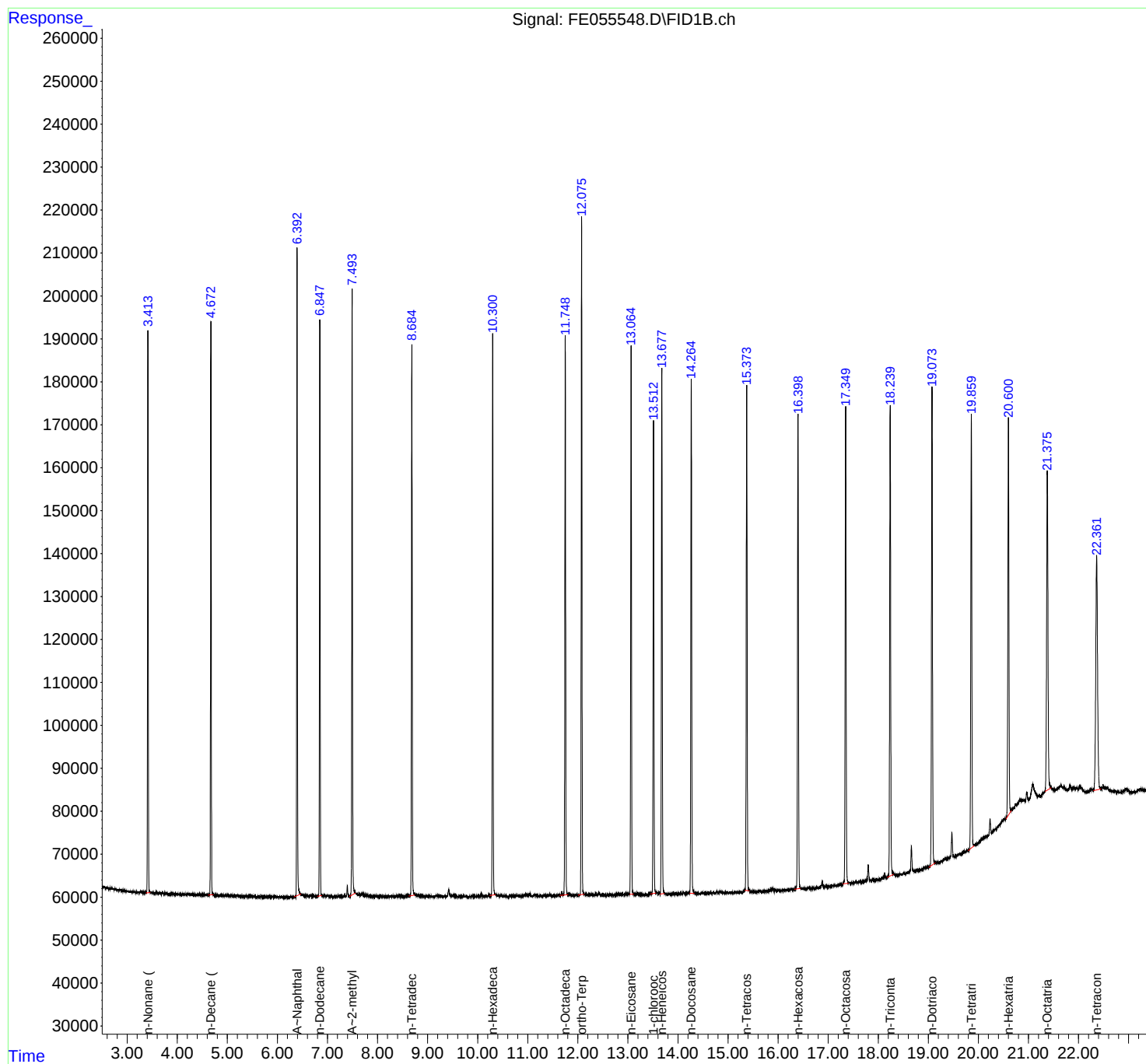
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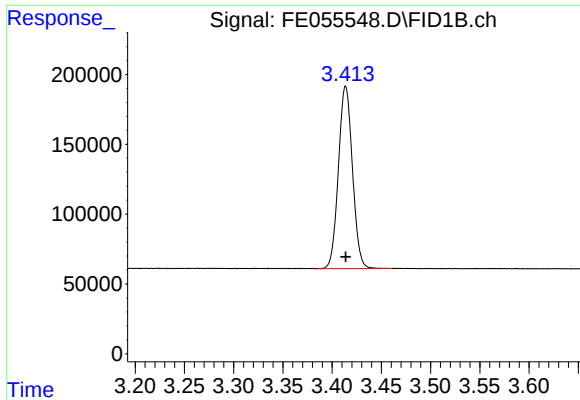
(m)=manual int.

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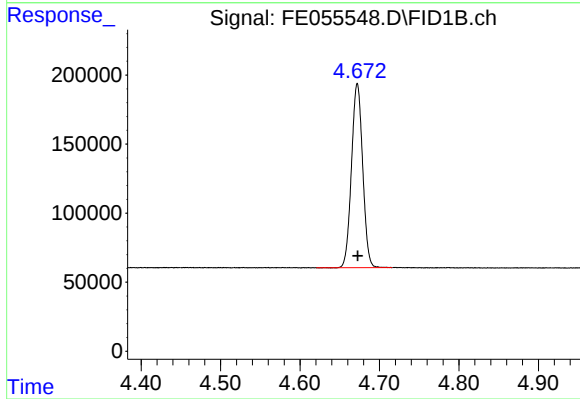
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





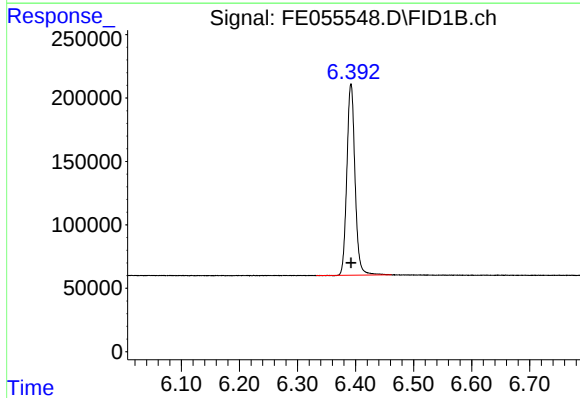
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 1297407
Conc: 10.25 ug/ml



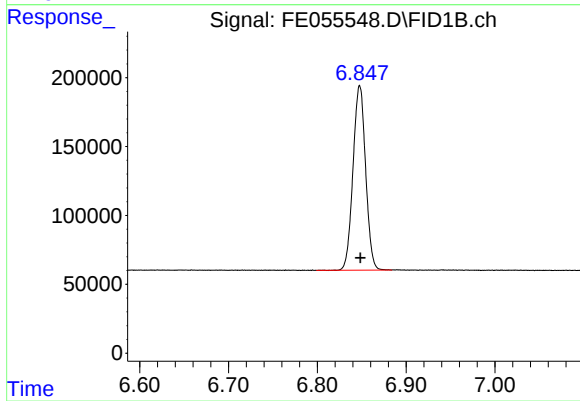
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1304028
Conc: 10.22 ug/ml



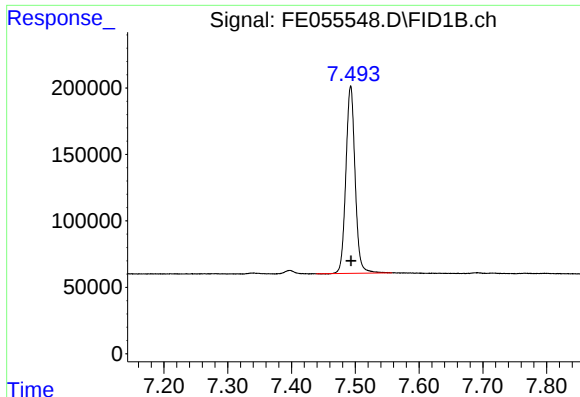
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 1470302
Conc: 10.05 ug/ml



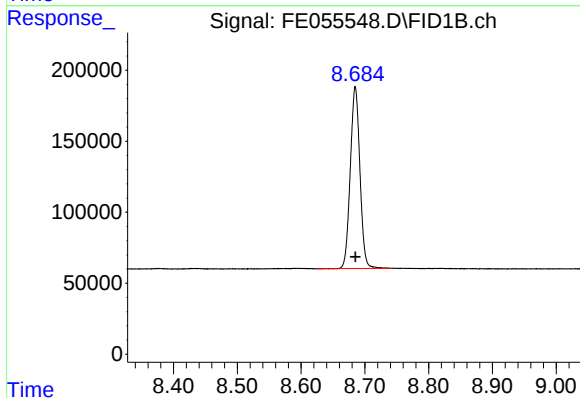
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 1321327
Conc: 10.16 ug/ml



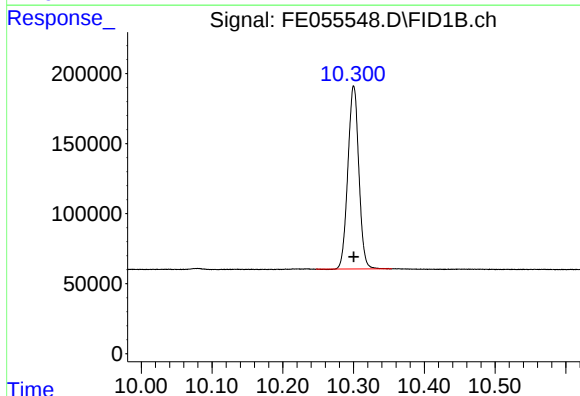
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 1415527
Conc: 10.00 ug/ml



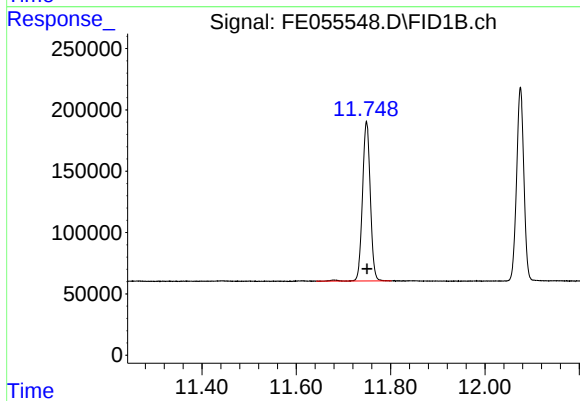
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 1343455
Conc: 10.24 ug/ml



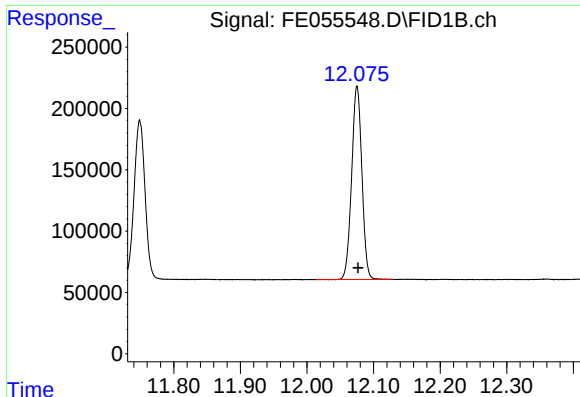
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 1408614
Conc: 10.23 ug/ml



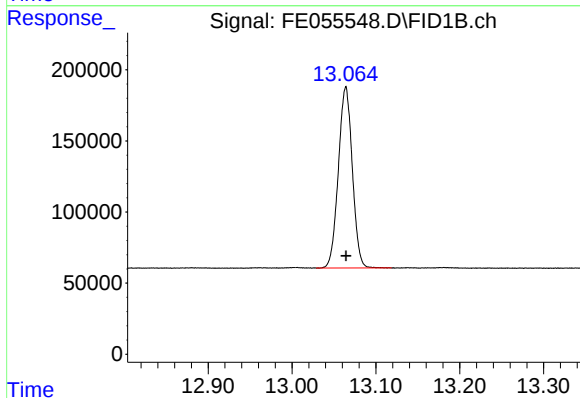
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: -0.001 min
Response: 1496127
Conc: 10.30 ug/ml



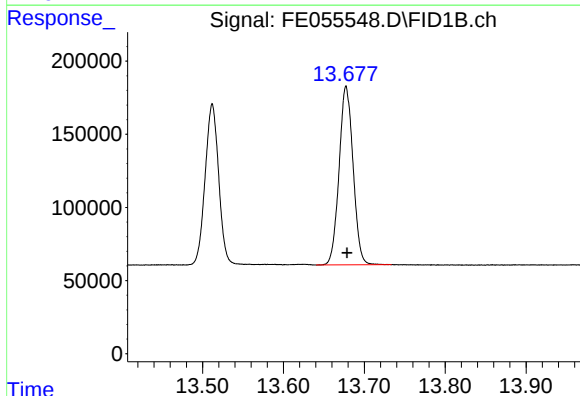
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.001 min
Response: 1683791
Conc: 10.28 ug/ml



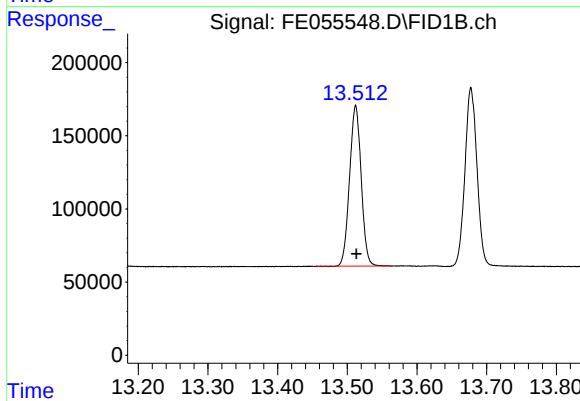
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 1475555
Conc: 10.30 ug/ml



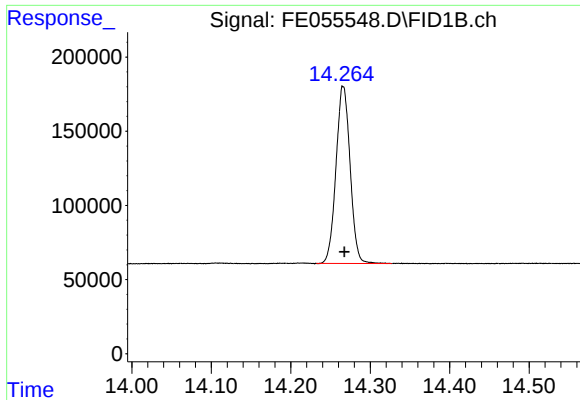
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.001 min
Response: 1469033
Conc: 10.32 ug/ml



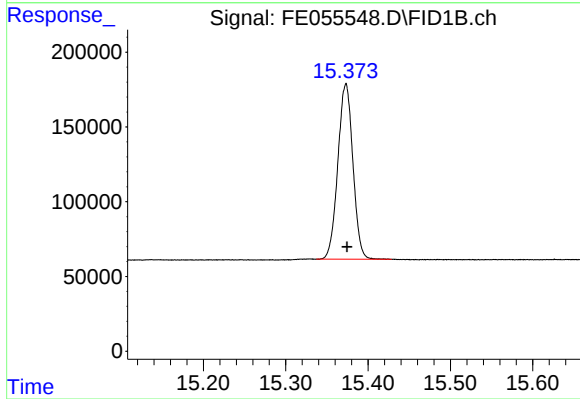
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 1275820
Conc: 10.21 ug/ml



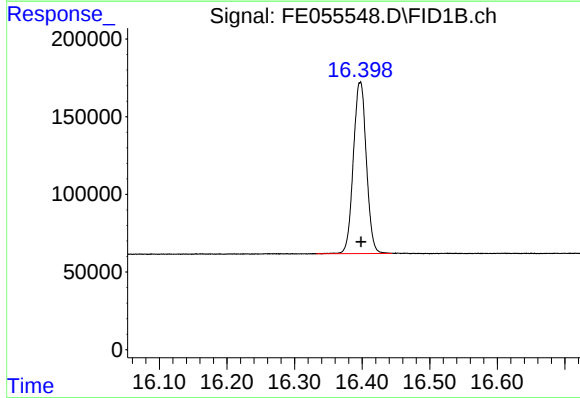
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.001 min
Response: 1474035
Conc: 10.33 ug/ml



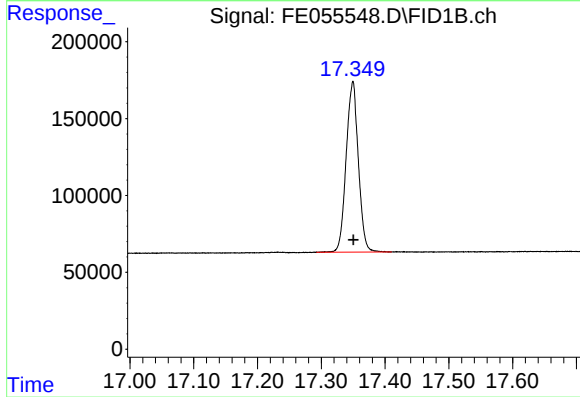
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 1491136
Conc: 10.33 ug/ml



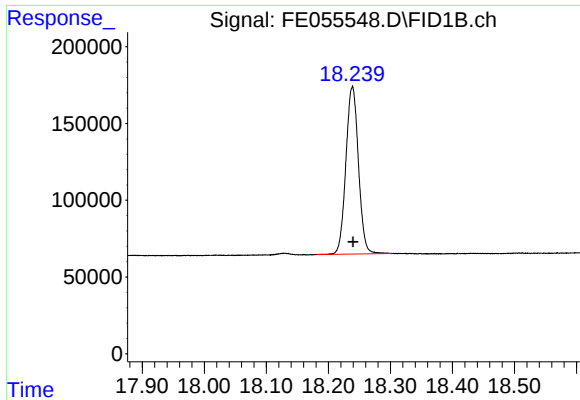
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.001 min
Response: 1473454
Conc: 10.34 ug/ml



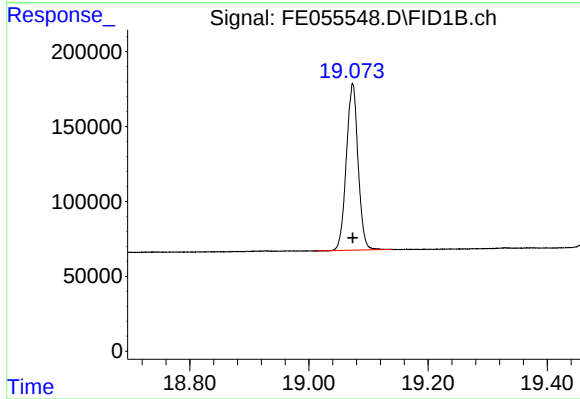
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.001 min
Response: 1471739
Conc: 10.41 ug/ml



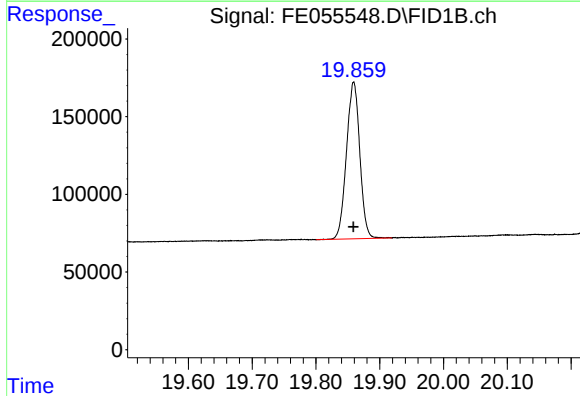
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 1533792
Conc: 10.46 ug/ml



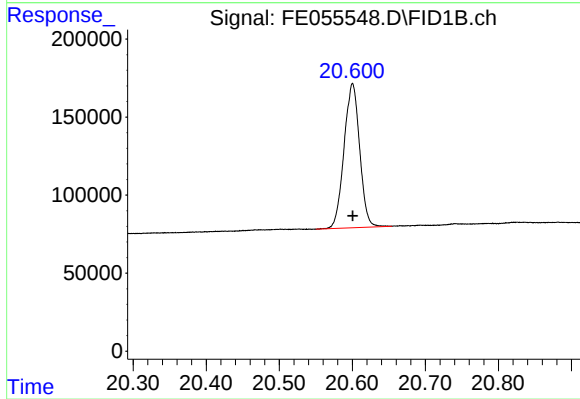
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 1522069
Conc: 10.42 ug/ml



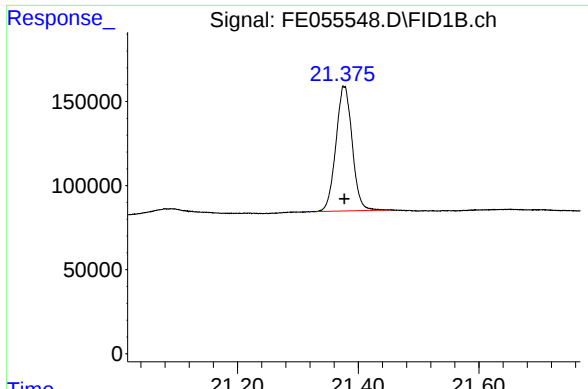
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 1463167
Conc: 10.42 ug/ml



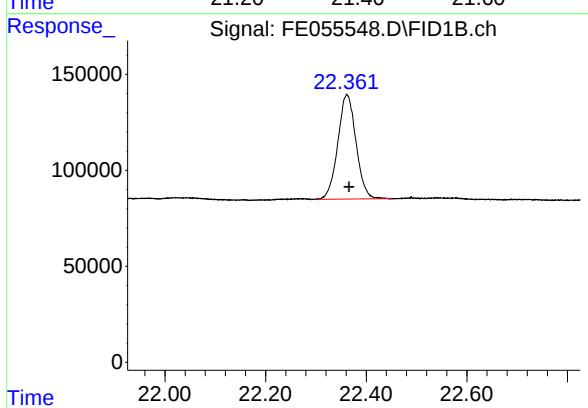
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 1373755
Conc: 10.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 1388003
Conc: 10.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: -0.004 min
Response: 1365028
Conc: 11.13 ug/ml