

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055552.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 13:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:13:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.076	3198630	19.470 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	13.513	2446364	19.564 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.414	2461224	19.395 ug/ml
2) T n-Decane (C10)	4.672	2481905	19.375 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2844552	19.579 ug/ml
4) T n-Dodecane (C12)	6.848	2523430	19.379 ug/ml
5) T A~2-methylnaphthalene...	7.493	2745838	19.522 ug/ml
6) T n-Tetradecane (C14)	8.685	2545590	19.330 ug/ml
7) T n-Hexadecane (C16)	10.300	2666175	19.251 ug/ml
8) T n-Octadecane (C18)	11.750	2819702	19.332 ug/ml
10) T n-Eicosane (C20)	13.064	2793613	19.407 ug/ml
11) T n-Heneicosane (C21)	13.679	2782893	19.482 ug/ml
13) T n-Docosane (C22)	14.267	2799579	19.558 ug/ml
14) T n-Tetracosane (C24)	15.374	2852592	19.714 ug/ml
15) T n-Hexacosane (C26)	16.398	2814138	19.698 ug/ml
16) T n-Octacosane (C28)	17.350	2789840	19.614 ug/ml
17) T n-Tricontane (C30)	18.239	2865903	19.388 ug/ml
18) T n-Dotriacontane (C32)	19.074	2815279	19.181 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2714799	19.215 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2552566	19.344 ug/ml
21) T n-Octatriacontane (C38)	21.378	2558705	19.646 ug/ml
22) T n-Tetracontane (C40)	22.365	2582748	20.140 ug/ml

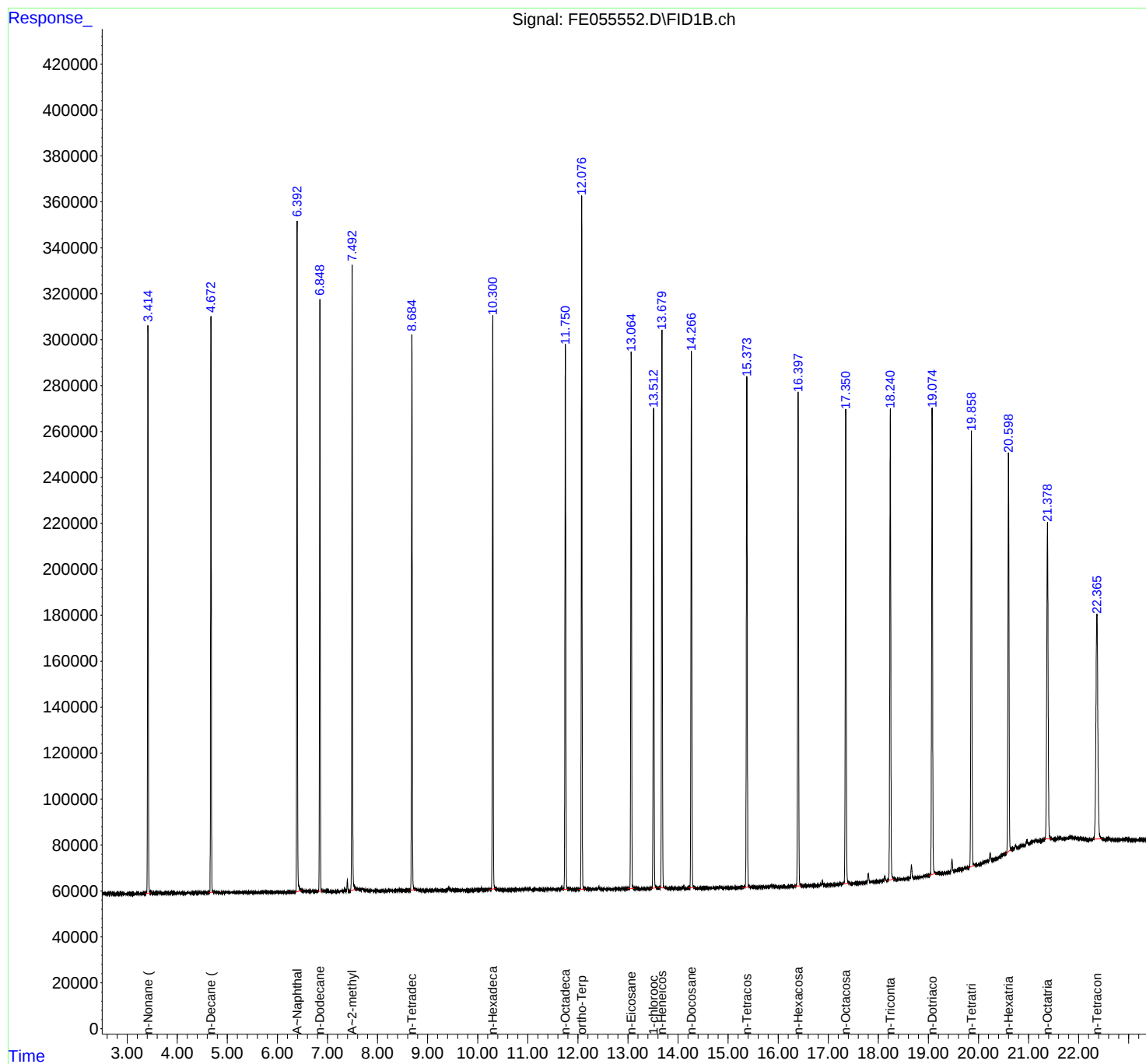
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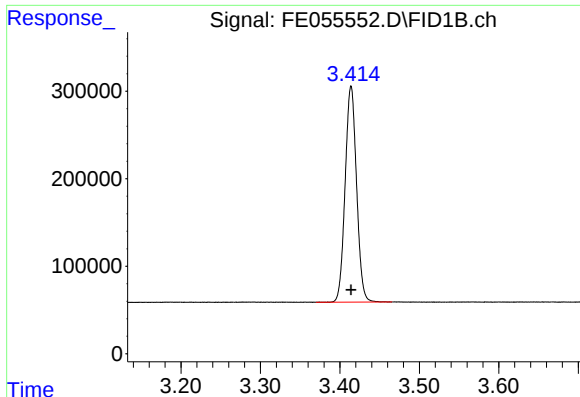
(m)=manual int.

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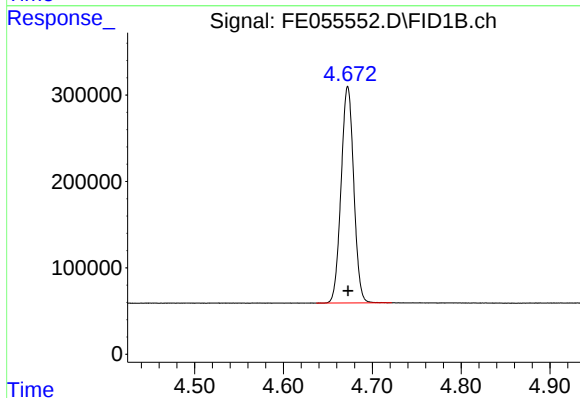
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Signal Info : 20M x 0.18mm x 0.18um





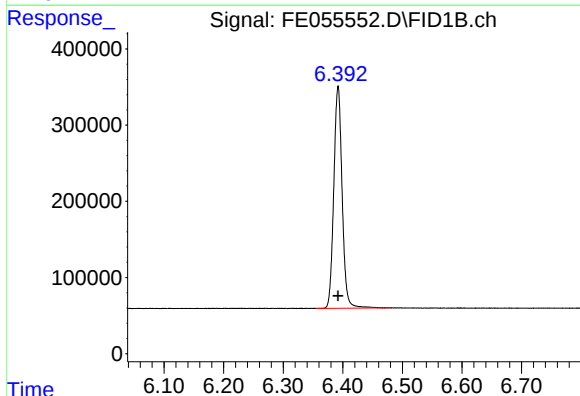
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2461224
Conc: 19.39 ug/ml



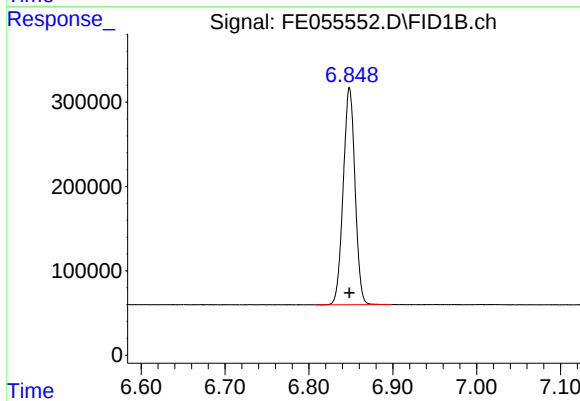
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2481905
Conc: 19.38 ug/ml



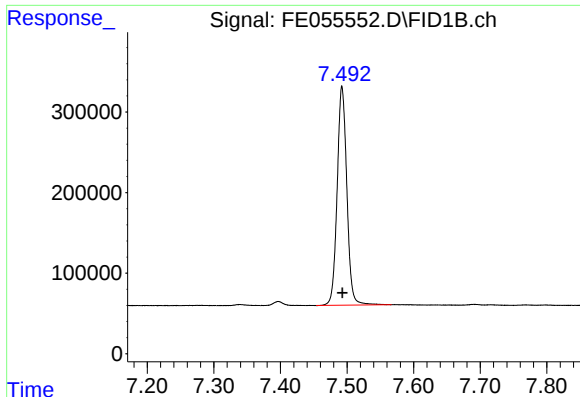
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2844552
Conc: 19.58 ug/ml



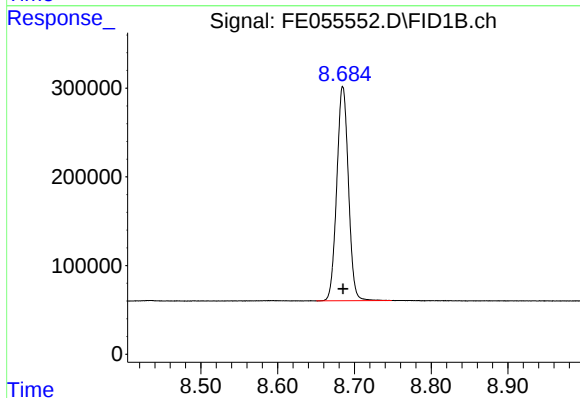
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2523430
Conc: 19.38 ug/ml



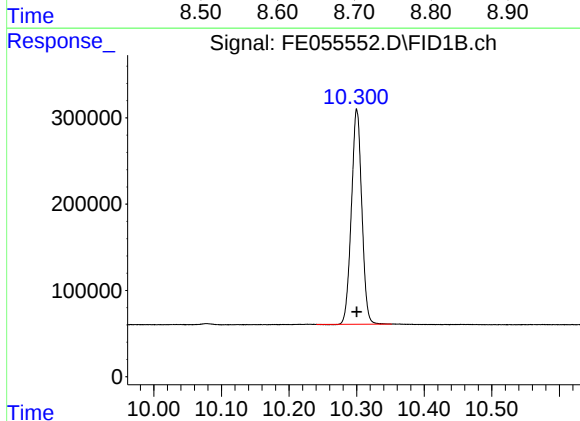
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 2745838
Conc: 19.52 ug/ml



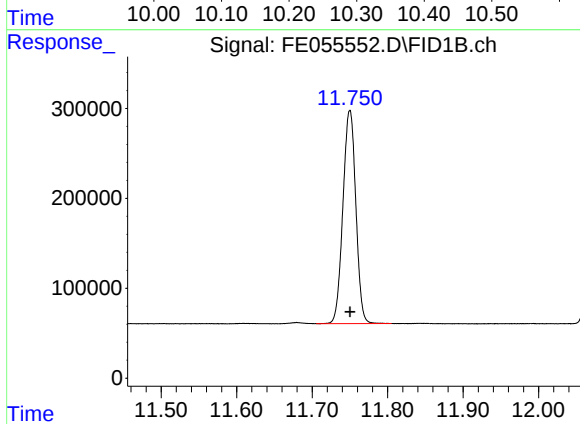
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2545590
Conc: 19.33 ug/ml



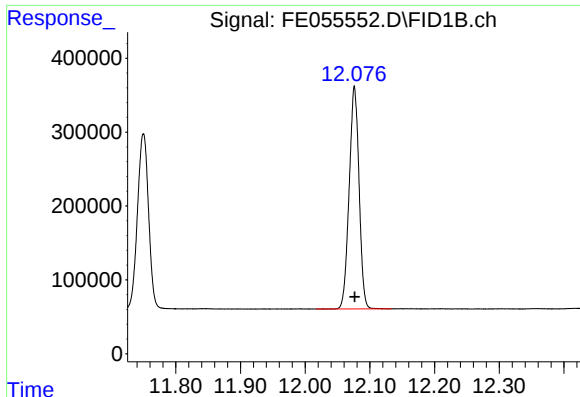
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 2666175
Conc: 19.25 ug/ml



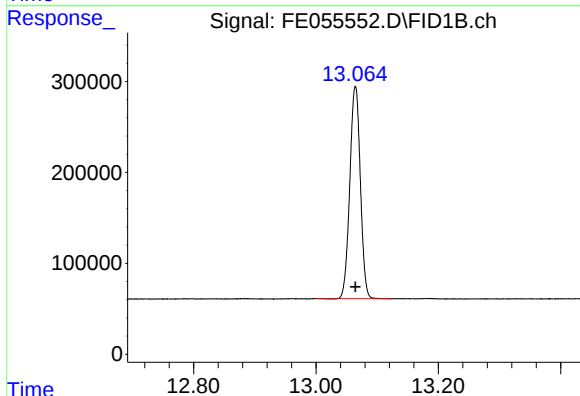
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 2819702
Conc: 19.33 ug/ml



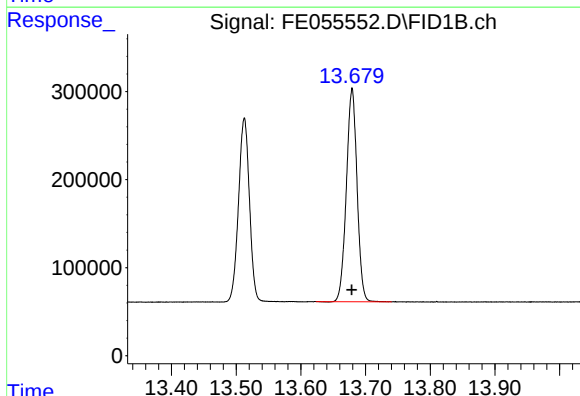
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 3198630
Conc: 19.47 ug/ml



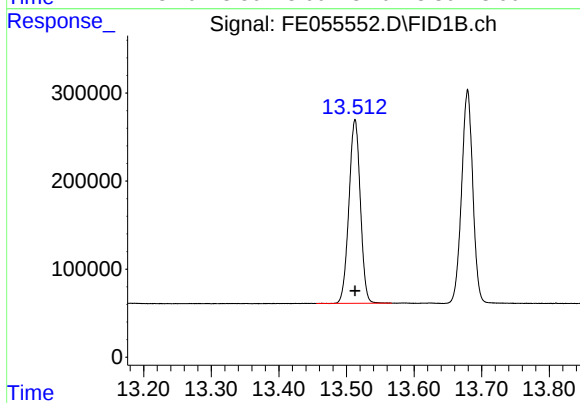
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2793613
Conc: 19.41 ug/ml



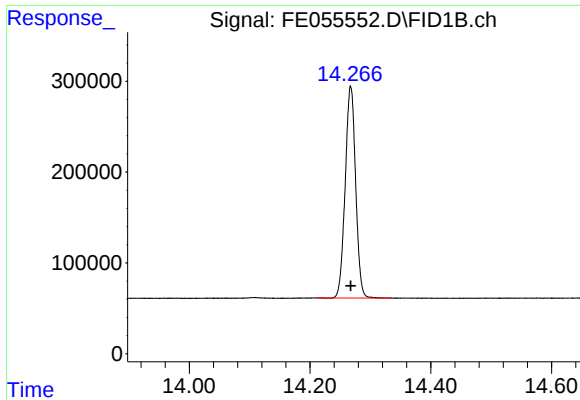
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 2782893
Conc: 19.48 ug/ml



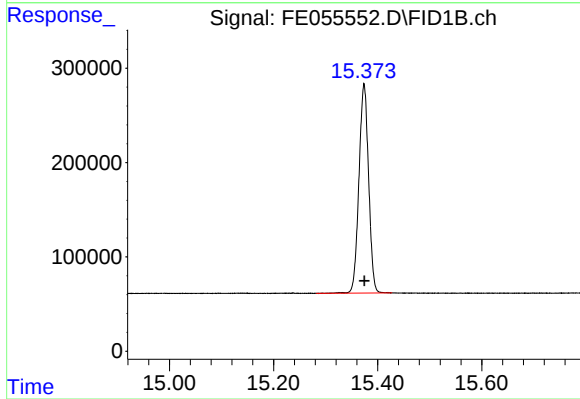
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2446364
Conc: 19.56 ug/ml



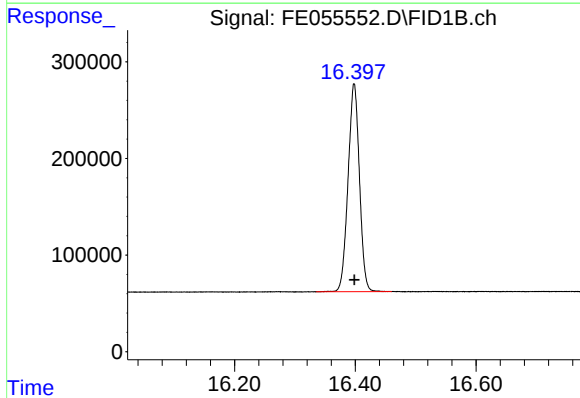
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2799579
Conc: 19.56 ug/ml



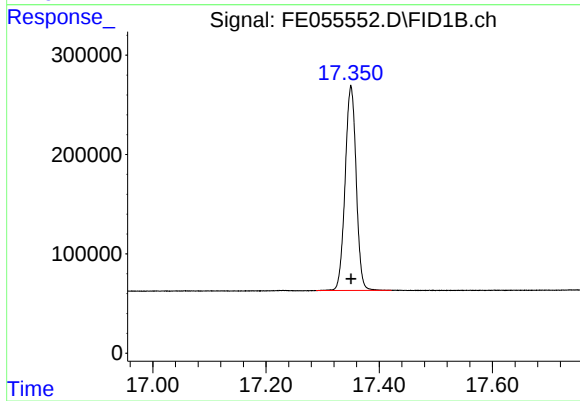
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 2852592
Conc: 19.71 ug/ml



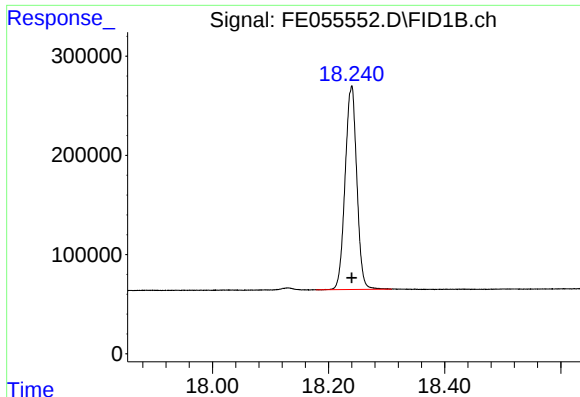
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2814138
Conc: 19.70 ug/ml



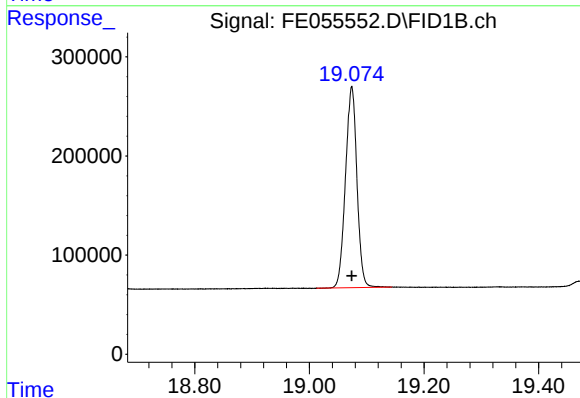
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 2789840
Conc: 19.61 ug/ml



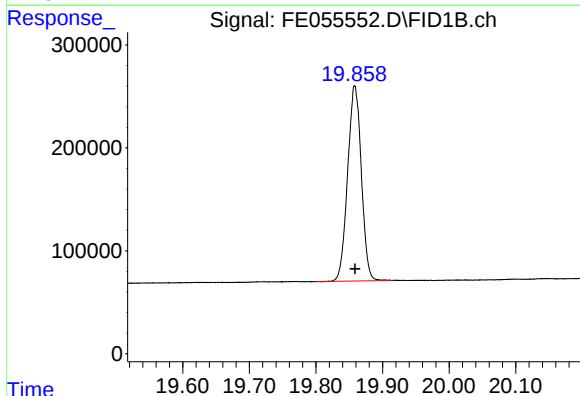
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 2865903
Conc: 19.39 ug/ml



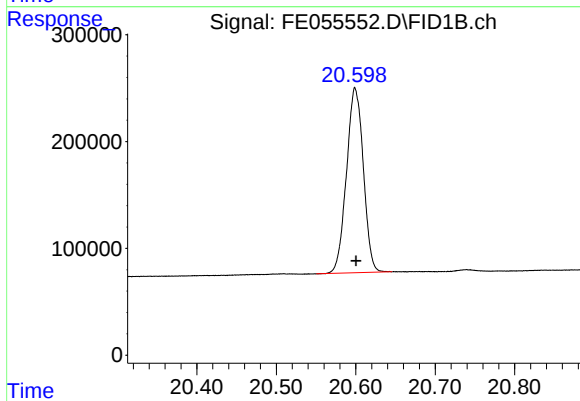
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2815279
Conc: 19.18 ug/ml



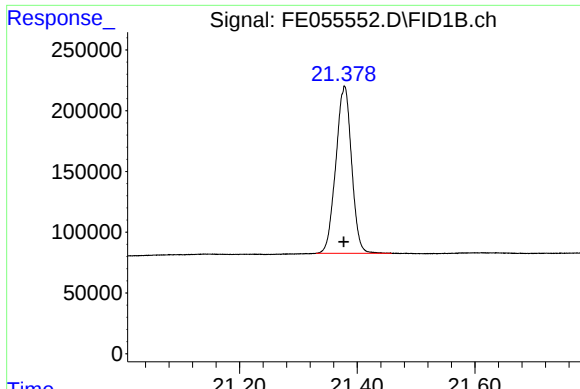
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 2714799
Conc: 19.22 ug/ml



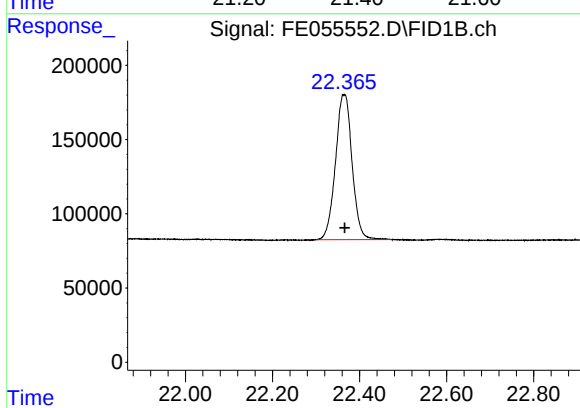
#20 n-Hexatriacontane (C36)

R.T.: 20.599 min
Delta R.T.: -0.001 min
Response: 2552566
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 2558705
Conc: 19.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.365 min
Delta R.T.: -0.001 min
Response: 2582748
Conc: 20.14 ug/ml