

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011623AL\
 Data File : FE039830.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2023 10:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 00:56:11 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)	11.916	2929905	19.079 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	13.353	2237762	19.176 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.310	2465060	19.420 ug/ml
2) T n-Decane (C10)	4.559	2437891	19.631 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2730301	19.360 ug/ml
4) T n-Dodecane (C12)	6.724	2462058	19.583 ug/ml
5) T A~2-methylnaphthalene...	7.357	2563941	19.575 ug/ml
6) T n-Tetradecane (C14)	8.550	2516641	19.567 ug/ml
7) T n-Hexadecane (C16)	10.157	2634407	19.528 ug/ml
8) T n-Octadecane (C18)	11.600	2705522	19.308 ug/ml
10) T n-Eicosane (C20)	12.909	2658677	19.189 ug/ml
11) T n-Heneicosane (C21)	13.521	2666252	19.107 ug/ml
13) T n-Docosane (C22)	14.107	2661285	19.173 ug/ml
14) T n-Tetracosane (C24)	15.210	2680449	19.469 ug/ml
15) T n-Hexacosane (C26)	16.231	2600567	19.485 ug/ml
16) T n-Octacosane (C28)	17.181	2593274	19.921 ug/ml
17) T n-Tricontane (C30)	18.070	2633631	20.652 ug/ml
18) T n-Dotriacontane (C32)	18.903	2649520	20.958 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2500921	20.239 ug/ml
20) T n-Hexatriacontane (C36)	20.426	2425911	20.576 ug/ml
21) T n-Octatriacontane (C38)	21.161	2274844	19.033 ug/ml
22) T n-Tetracontane (C40)	22.069	2329393	19.193 ug/ml

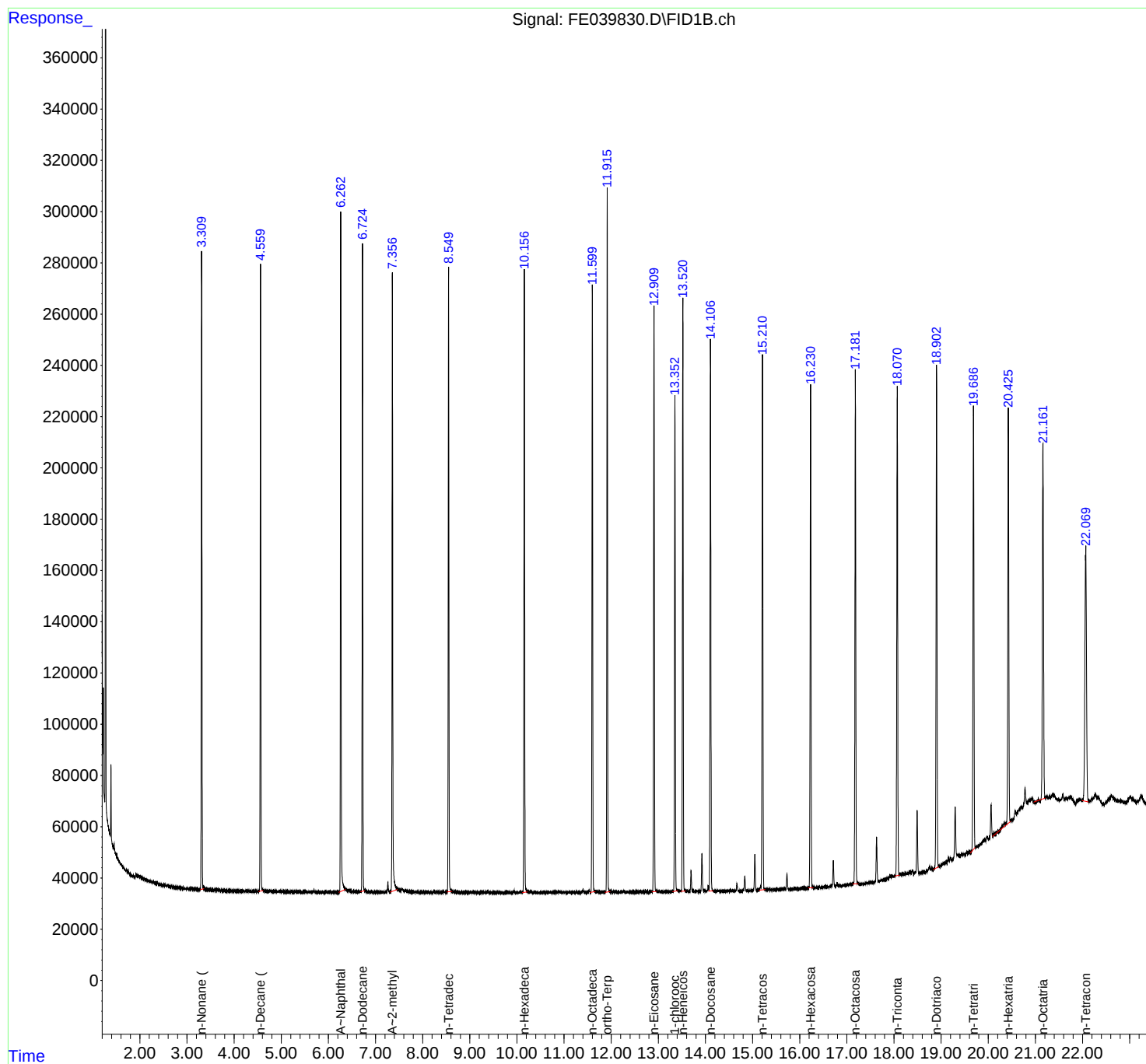
(f)=RT Delta > 1/2 Window

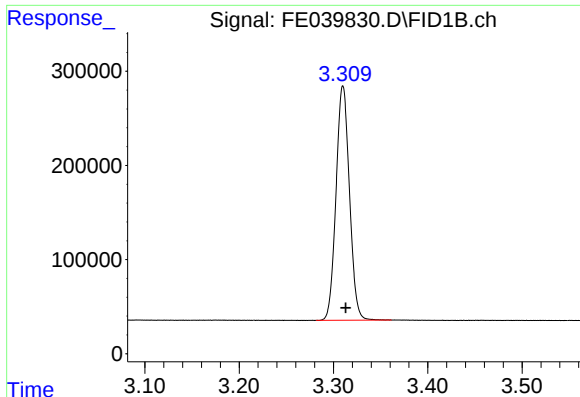
(m)=manual int.

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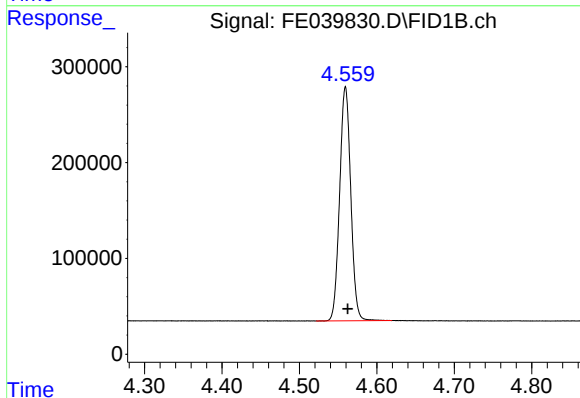
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Signal Info : 20M x 0.18mm x 0.18um





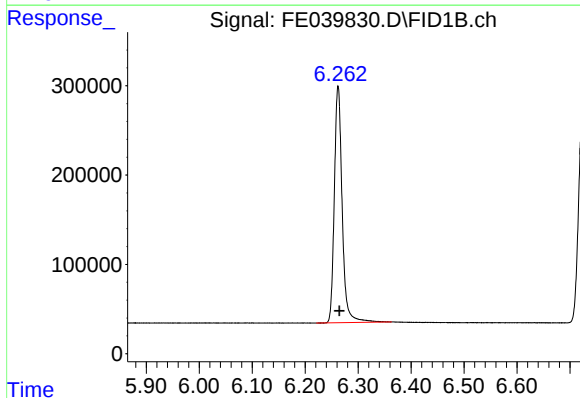
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2465060
Conc: 19.42 ug/ml



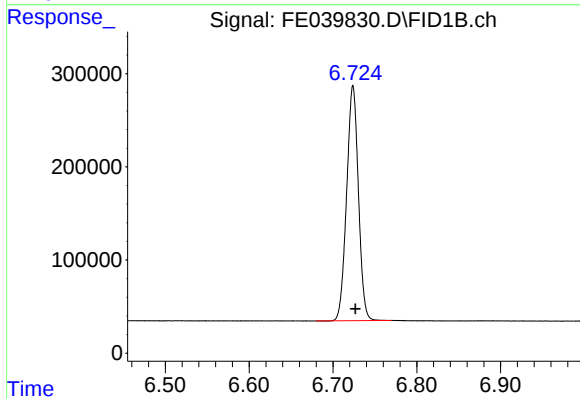
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 2437891
Conc: 19.63 ug/ml



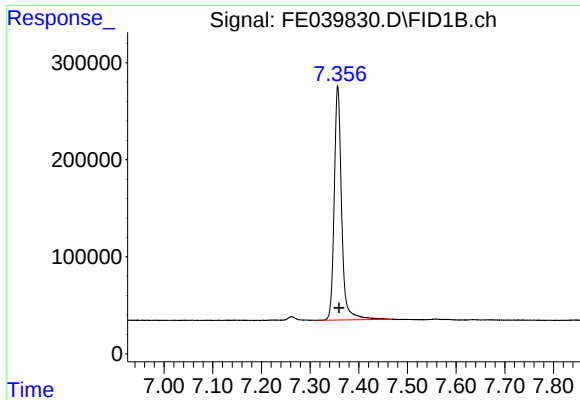
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 2730301
Conc: 19.36 ug/ml



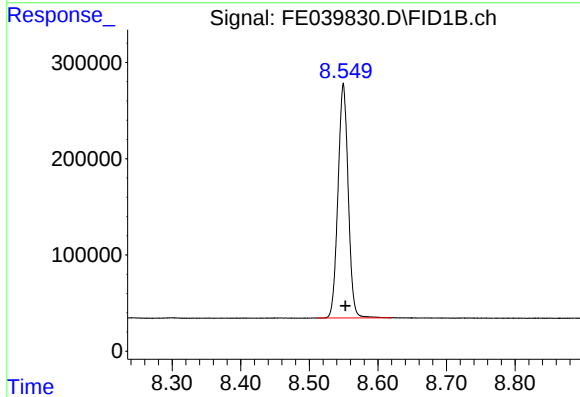
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 2462058
Conc: 19.58 ug/ml



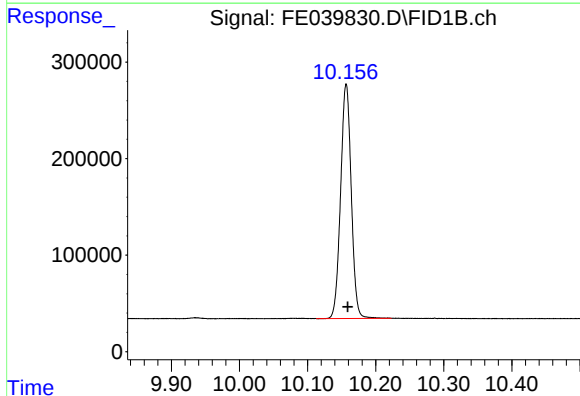
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: -0.002 min
Response: 2563941
Conc: 19.58 ug/ml



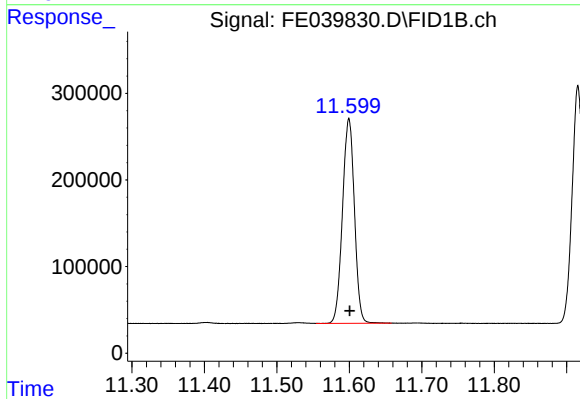
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.003 min
Response: 2516641
Conc: 19.57 ug/ml



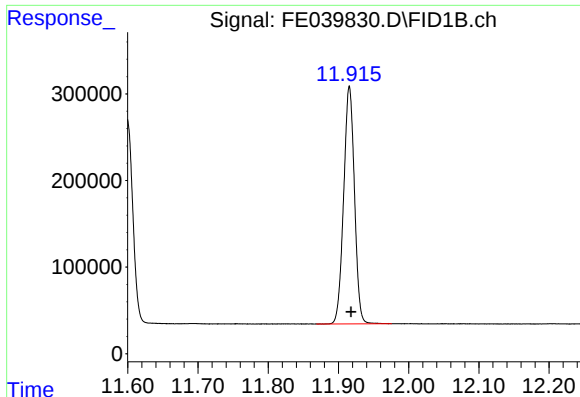
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.002 min
Response: 2634407
Conc: 19.53 ug/ml



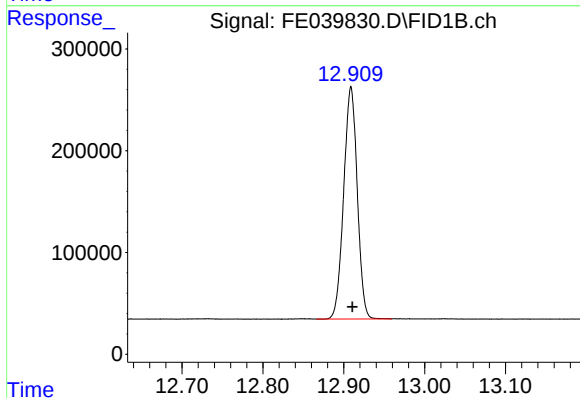
#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.001 min
Response: 2705522
Conc: 19.31 ug/ml



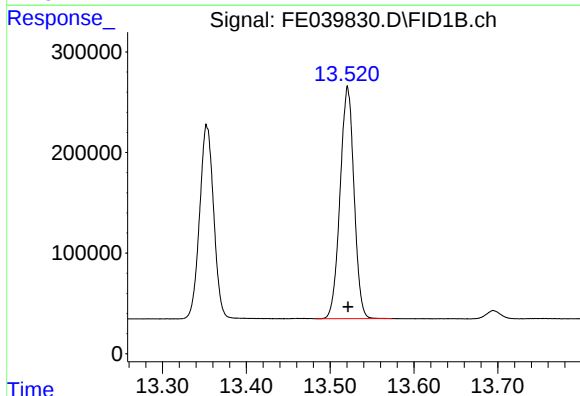
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 2929905
Conc: 19.08 ug/ml



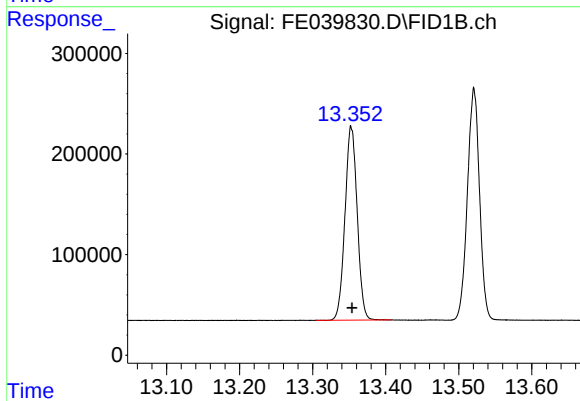
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.002 min
Response: 2658677
Conc: 19.19 ug/ml



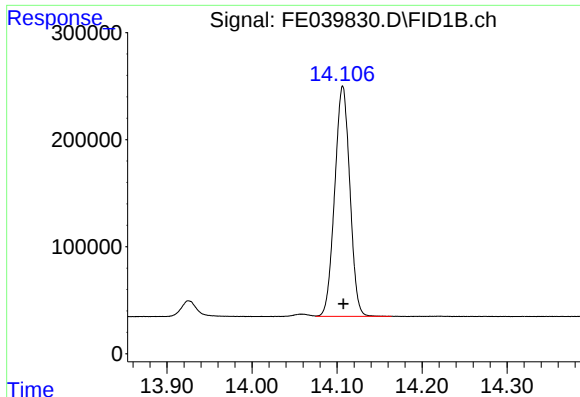
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2666252
Conc: 19.11 ug/ml



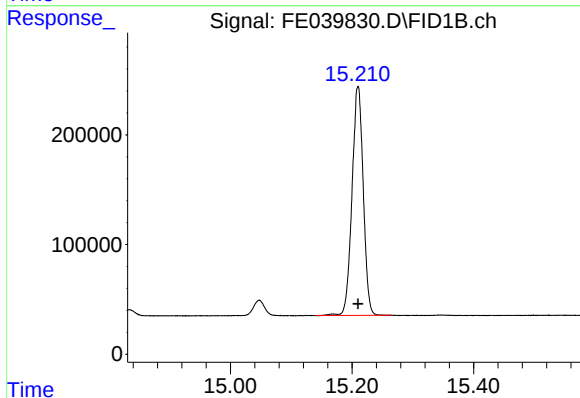
#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min
Delta R.T.: -0.001 min
Response: 2237762
Conc: 19.18 ug/ml



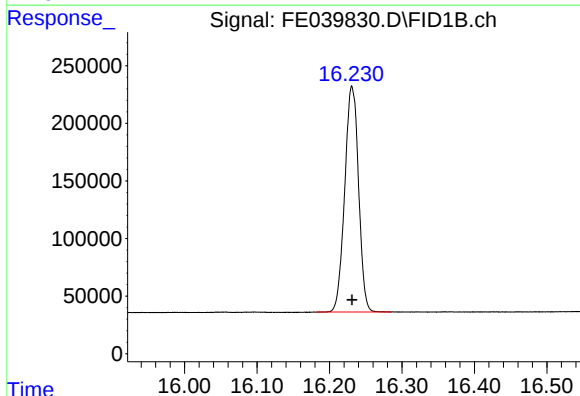
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 2661285
Conc: 19.17 ug/ml



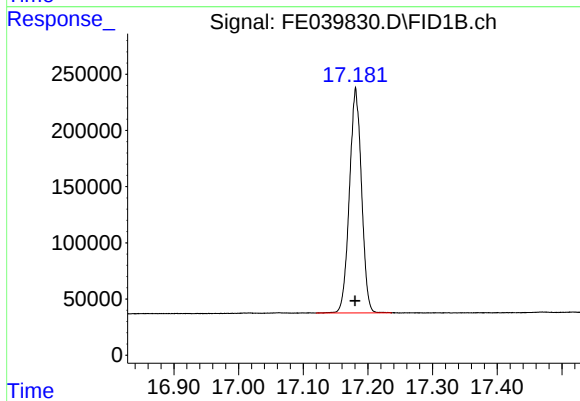
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 2680449
Conc: 19.47 ug/ml



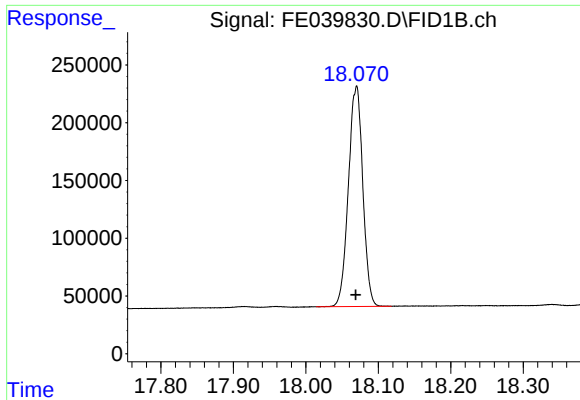
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: 0.000 min
Response: 2600567
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2593274
Conc: 19.92 ug/ml



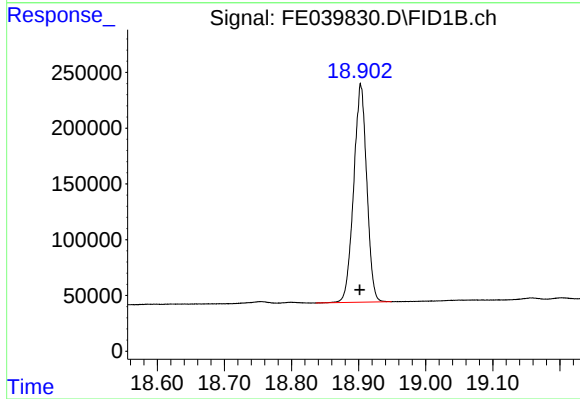
#17 n-Tricontane (C30)

R.T.: 18.070 min

Delta R.T.: 0.001 min

Response: 2633631

Conc: 20.65 ug/ml



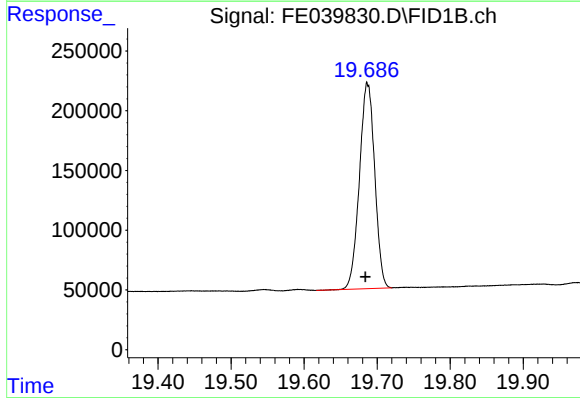
#18 n-Dotriacontane (C32)

R.T.: 18.903 min

Delta R.T.: 0.002 min

Response: 2649520

Conc: 20.96 ug/ml



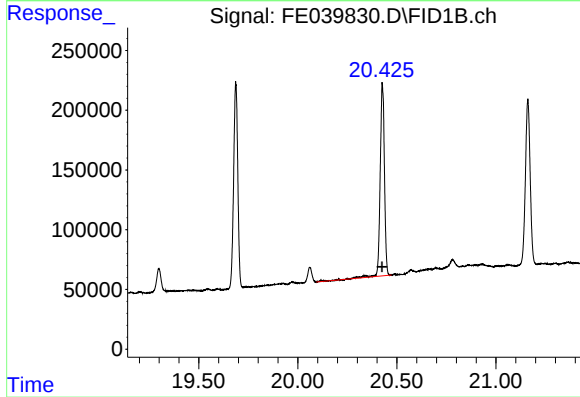
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min

Delta R.T.: 0.003 min

Response: 2500921

Conc: 20.24 ug/ml



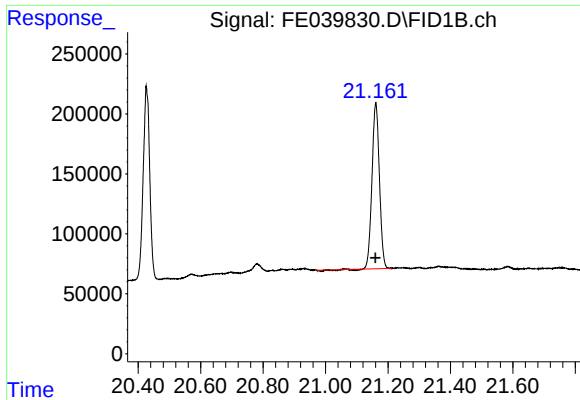
#20 n-Hexatriacontane (C36)

R.T.: 20.426 min

Delta R.T.: 0.001 min

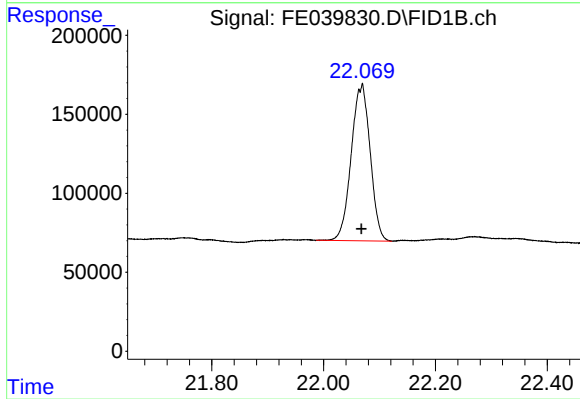
Response: 2425911

Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: 0.002 min
Response: 2274844
Conc: 19.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: 0.001 min
Response: 2329393
Conc: 19.19 ug/ml