

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081122AL\
 Data File : FE037010.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2022 14:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 14:35:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.830	3360080	18.041 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
12) S 1-chlorooctadecane (S...	13.272	2640185	17.353 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
Target Compounds			
1) T n-Nonane (C9)	3.218	3016046	19.565 ug/ml
2) T n-Decane (C10)	4.473	3090594	20.050 ug/ml
3) T A~Naphthalene (C11.7)	6.176	3322287	19.442 ug/ml
4) T n-Dodecane (C12)	6.642	3168352	20.173 ug/ml
5) T A~2-methylnaphthalene...	7.273	3299472	19.198 ug/ml
6) T n-Tetradecane (C14)	8.469	3192296	19.554 ug/ml
7) T n-Hexadecane (C16)	10.075	3148657	19.103 ug/ml
8) T n-Octadecane (C18)	11.517	3148831	18.528 ug/ml
10) T n-Eicosane (C20)	12.826	3044084	17.896 ug/ml
11) T n-Heneicosane (C21)	13.439	3009390	17.583 ug/ml
13) T n-Docosane (C22)	14.025	2933361	17.181 ug/ml
14) T n-Tetracosane (C24)	15.128	2913673	17.093 ug/ml
15) T n-Hexacosane (C26)	16.151	2807029	16.790 ug/ml
16) T n-Octacosane (C28)	17.101	2787377	17.066 ug/ml
17) T n-Tricontane (C30)	17.990	2771841	18.241 ug/ml
18) T n-Dotriacontane (C32)	18.824	2358034	19.606 ug/ml
19) T n-Tetratriacontane (C34)	19.608	1775576	21.321 ug/ml
20) T n-Hexatriacontane (C36)	20.352	1352409	23.033 ug/ml
21) T n-Octatriacontane (C38)	21.073	1240878	24.749 ug/ml
22) T n-Tetracontane (C40)	21.958	1136800	22.013 ug/ml

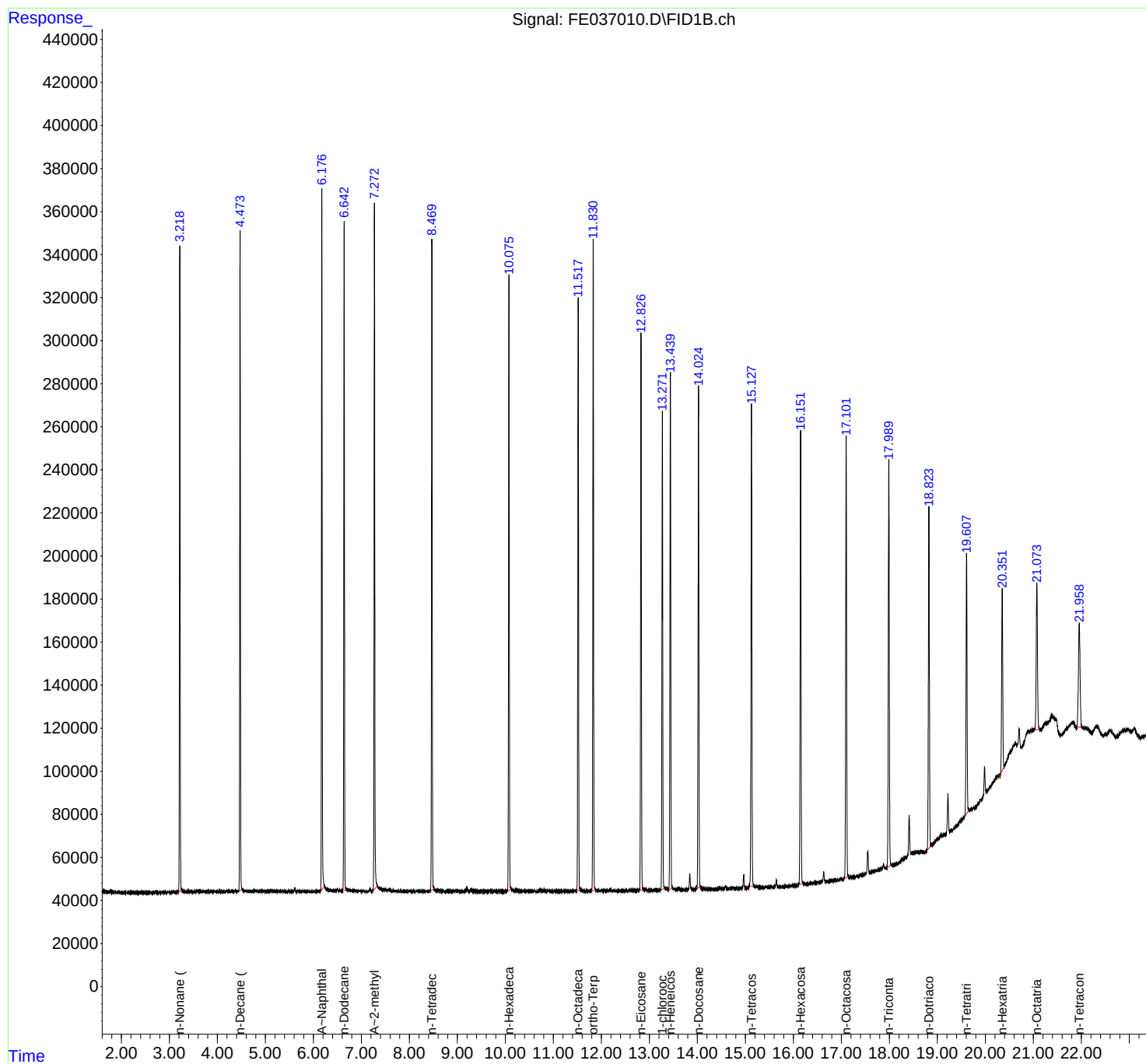
(f)=RT Delta > 1/2 Window

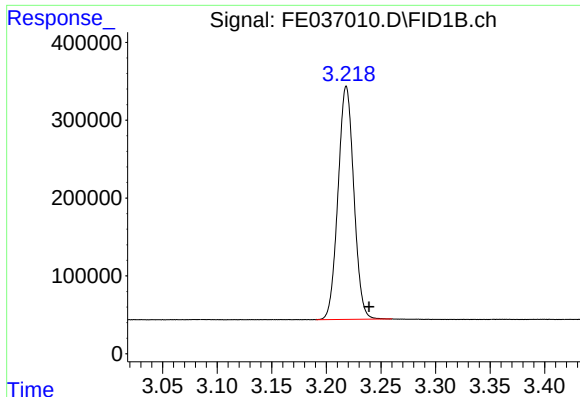
(m)=manual int.

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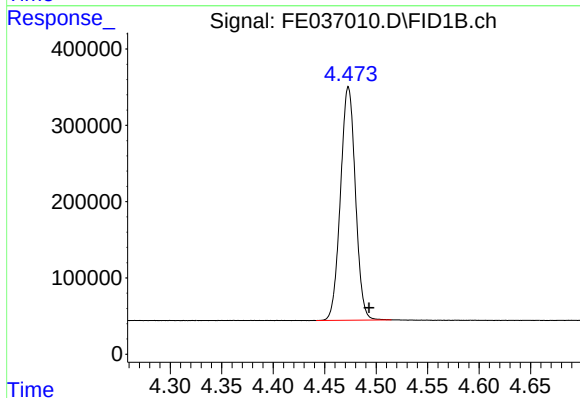
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Signal Info : 20M x 0.18mm x 0.18um





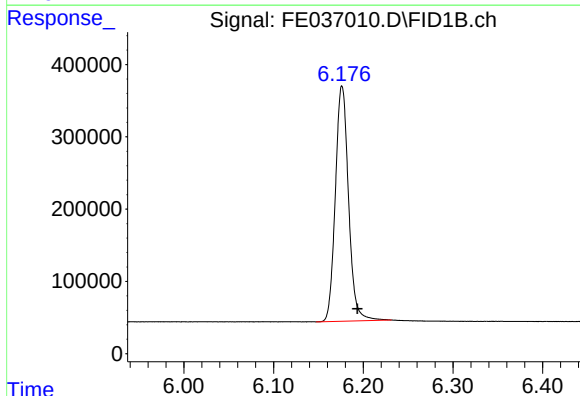
#1 n-Nonane (C9)

R.T.: 3.218 min
Delta R.T.: -0.021 min
Response: 3016046
Conc: 19.56 ug/ml



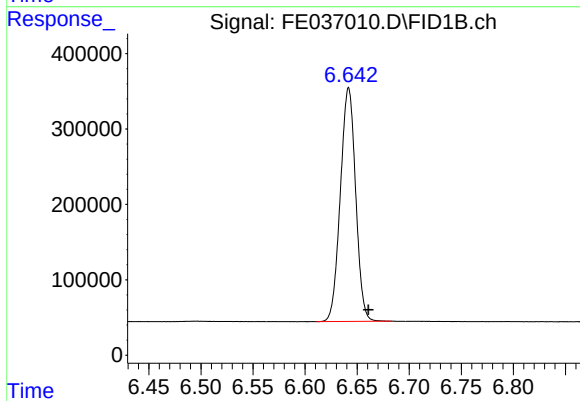
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.020 min
Response: 3090594
Conc: 20.05 ug/ml



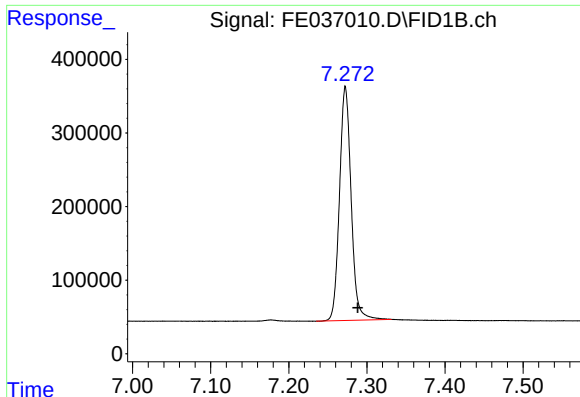
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.017 min
Response: 3322287
Conc: 19.44 ug/ml



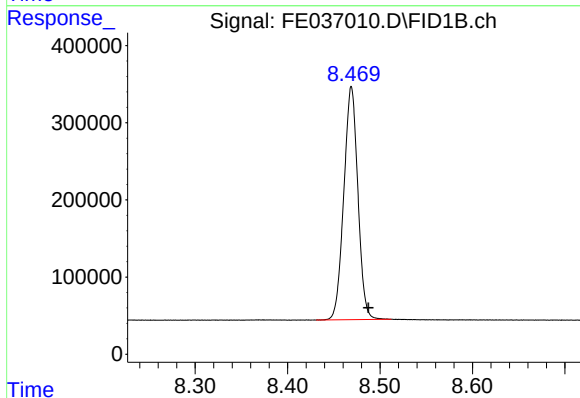
#4 n-Dodecane (C12)

R.T.: 6.642 min
Delta R.T.: -0.019 min
Response: 3168352
Conc: 20.17 ug/ml



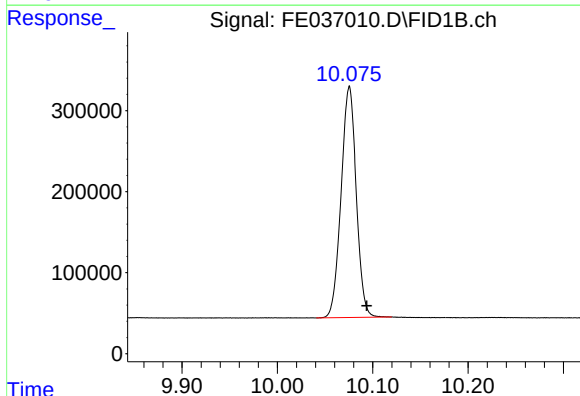
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.016 min
Response: 3299472
Conc: 19.20 ug/ml



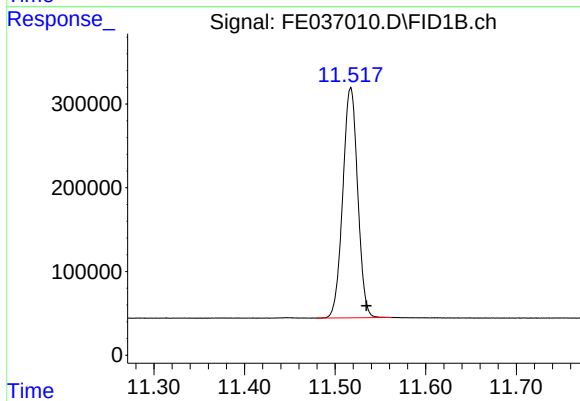
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.018 min
Response: 3192296
Conc: 19.55 ug/ml



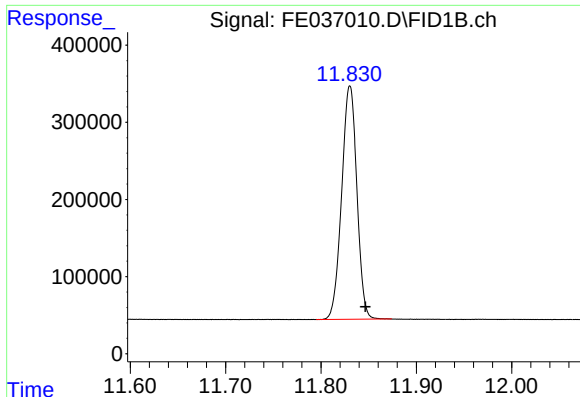
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.018 min
Response: 3148657
Conc: 19.10 ug/ml



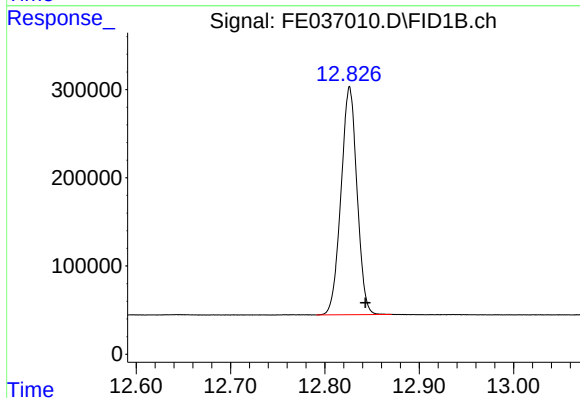
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.017 min
Response: 3148831
Conc: 18.53 ug/ml



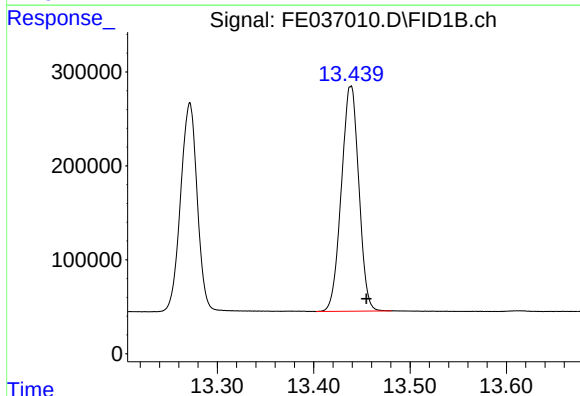
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.016 min
Response: 3360080
Conc: 18.04 ug/ml



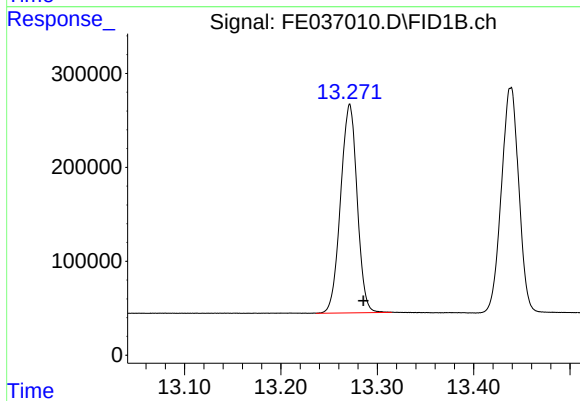
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.017 min
Response: 3044084
Conc: 17.90 ug/ml



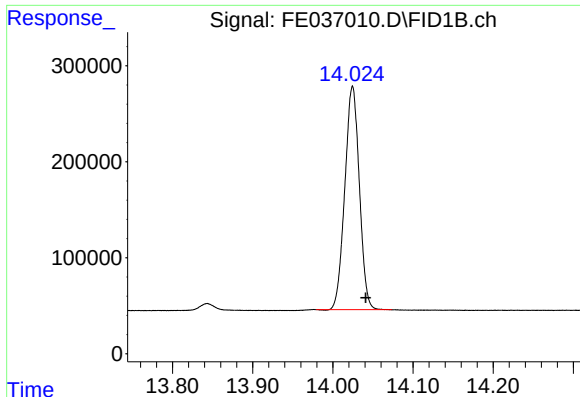
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.016 min
Response: 3009390
Conc: 17.58 ug/ml



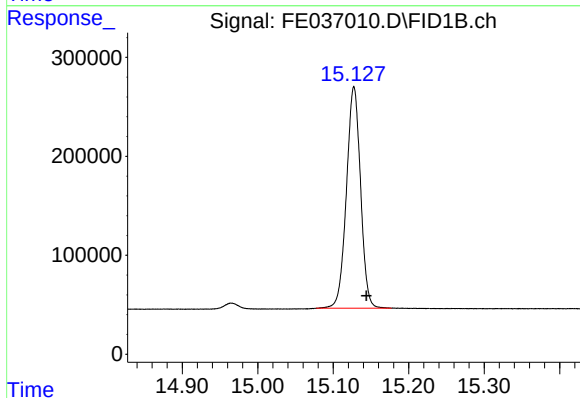
#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.014 min
Response: 2640185
Conc: 17.35 ug/ml



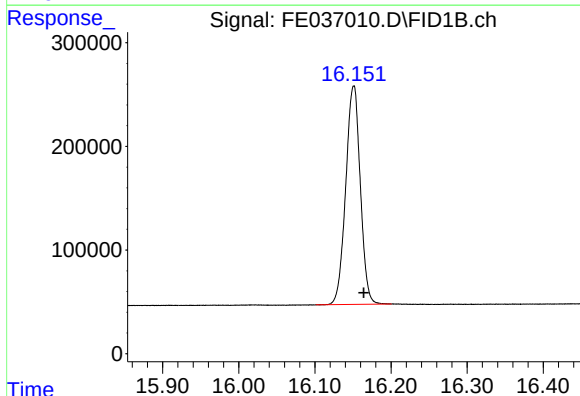
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.017 min
Response: 2933361
Conc: 17.18 ug/ml



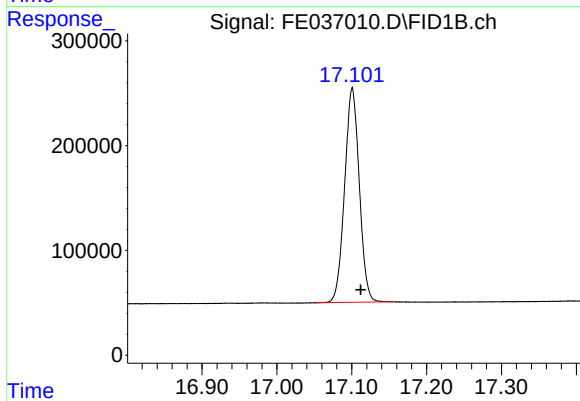
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.016 min
Response: 2913673
Conc: 17.09 ug/ml



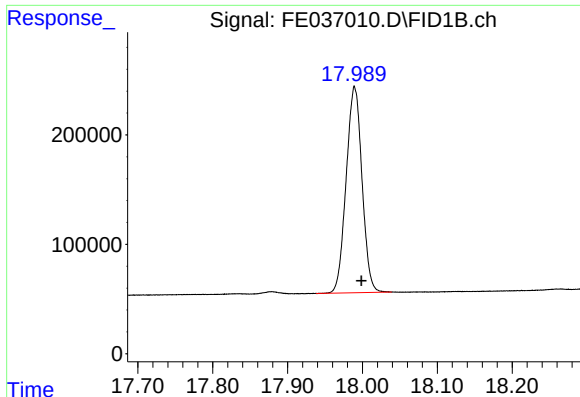
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 2807029
Conc: 16.79 ug/ml



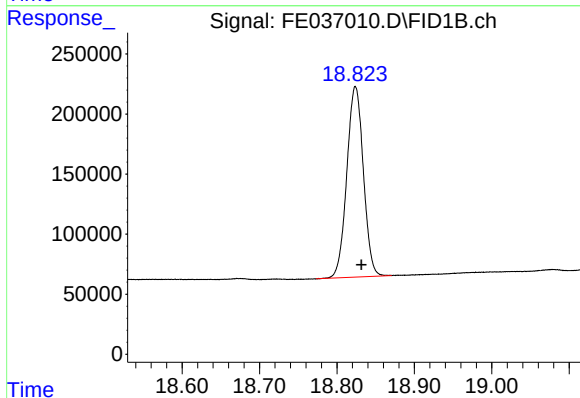
#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.011 min
Response: 2787377
Conc: 17.07 ug/ml



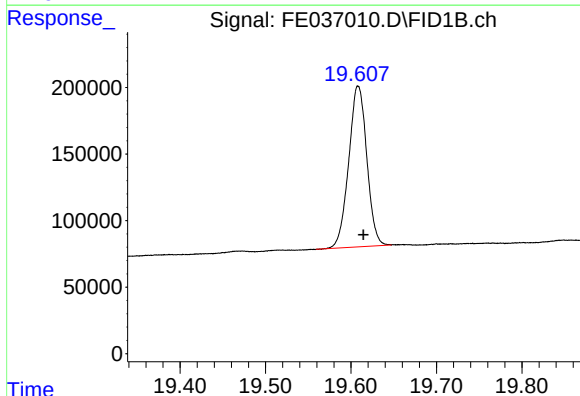
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 2771841
Conc: 18.24 ug/ml



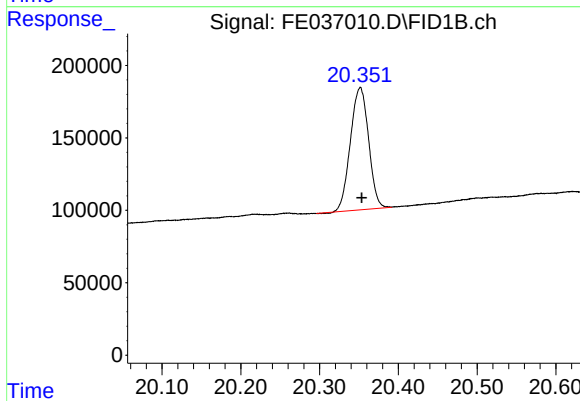
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.008 min
Response: 2358034
Conc: 19.61 ug/ml



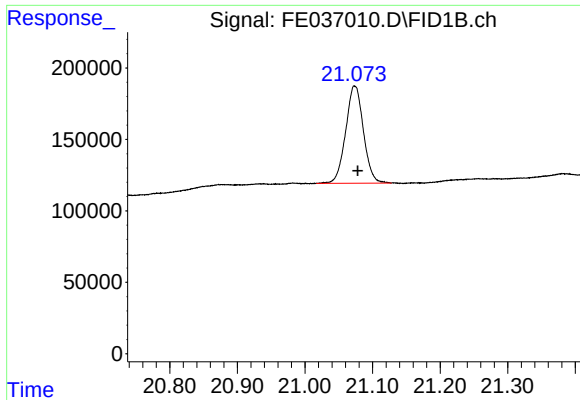
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.006 min
Response: 1775576
Conc: 21.32 ug/ml



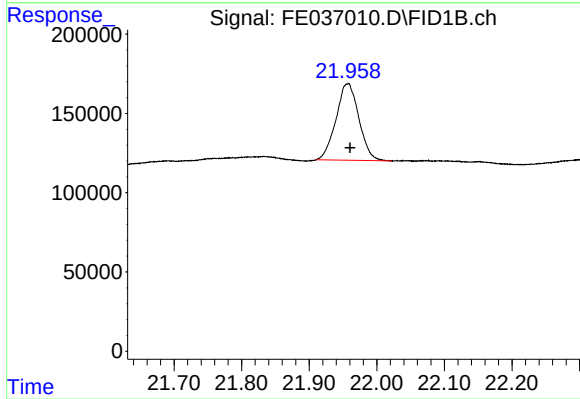
#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.002 min
Response: 1352409
Conc: 23.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.005 min
Response: 1240878
Conc: 24.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.003 min
Response: 1136800
Conc: 22.01 ug/ml