

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053113.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 01:58
 Operator : YP\AJ
 Sample : Q1688-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-040125-E2

Integration File: autoint1.e
 Quant Time: Apr 02 04:52:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.891	4065771	24.961 ug/ml
Spiked Amount 50.000		Recovery =	49.92%
12) S 1-chlorooctadecane (S...	13.333	6638432	55.300 ug/ml
Spiked Amount 50.000		Recovery =	110.60%
Target Compounds			
4) T n-Dodecane (C12)	6.678	607025	3.881 ug/ml
5) T A~2-methylnaphthalene...	7.316	391219	2.452 ug/ml
6) T n-Tetradecane (C14)	8.514	1352704	8.835 ug/ml
7) T n-Hexadecane (C16)	10.127	1139193	7.390 ug/ml
8) T n-Octadecane (C18)	11.575	756063	4.985 ug/ml
10) T n-Eicosane (C20)	12.888	578091	4.055 ug/ml
11) T n-Heneicosane (C21)	13.503	372500	2.684 ug/ml
13) T n-Docosane (C22)	14.091	374198	2.732 ug/ml
14) T n-Tetracosane (C24)	15.173	654858	4.849 ug/ml
15) T n-Hexacosane (C26)	16.222	190337	1.427 ug/ml
16) T n-Octacosane (C28)	17.179	357464	2.709 ug/ml
17) T n-Tricontane (C30)	18.061	285790	2.109 ug/ml
18) T n-Dotriacontane (C32)	18.896	651699	4.843 ug/ml
19) T n-Tetratriacontane (C34)	19.683	609427	4.710 ug/ml
20) T n-Hexatriacontane (C36)	20.426	401019	3.376 ug/ml
21) T n-Octatriacontane (C38)	21.165	326128	2.837 ug/ml
22) T n-Tetracontane (C40)	22.079	277057	2.467 ug/ml

(f)=RT Delta > 1/2 Window

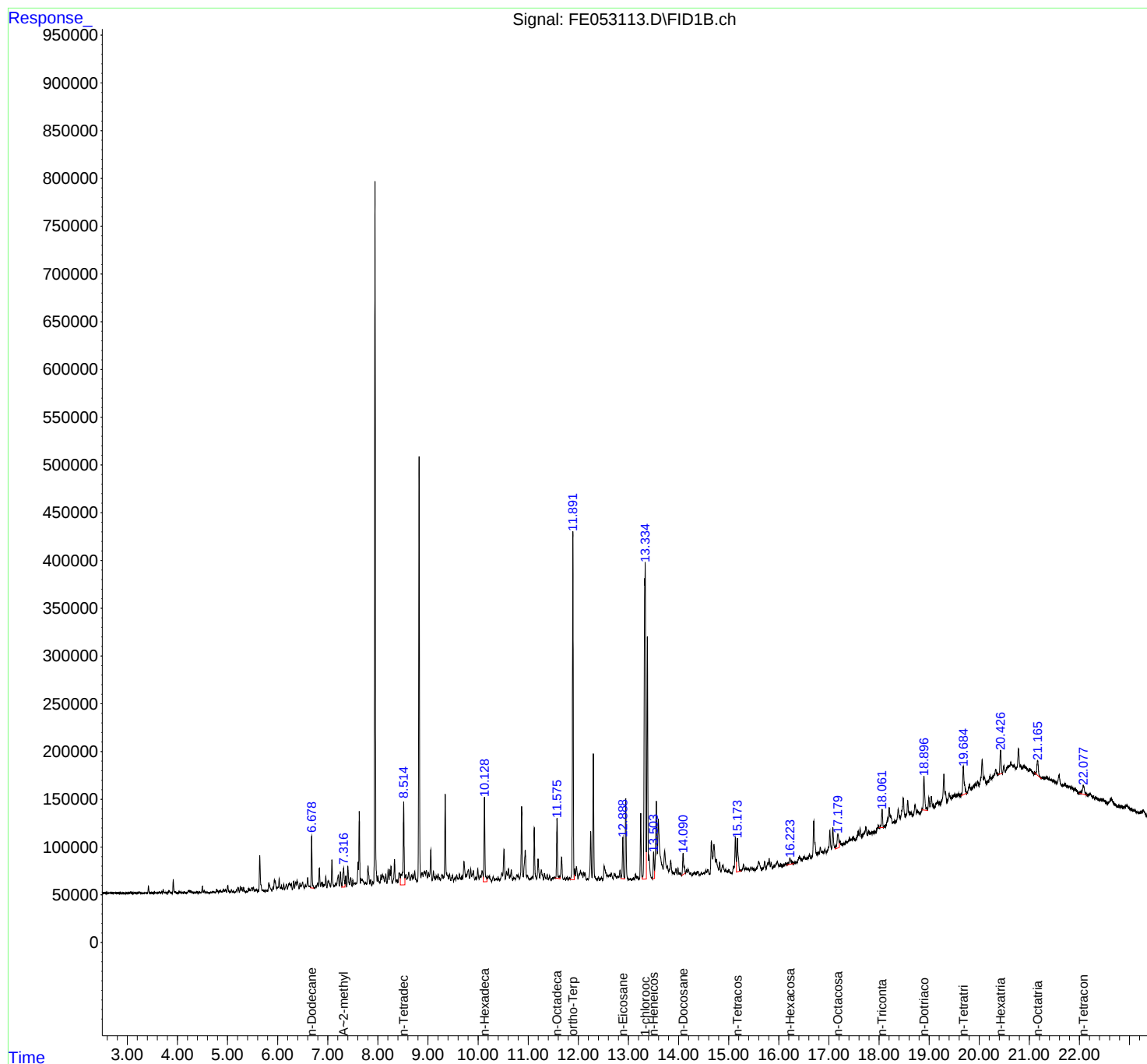
(m)=manual int.

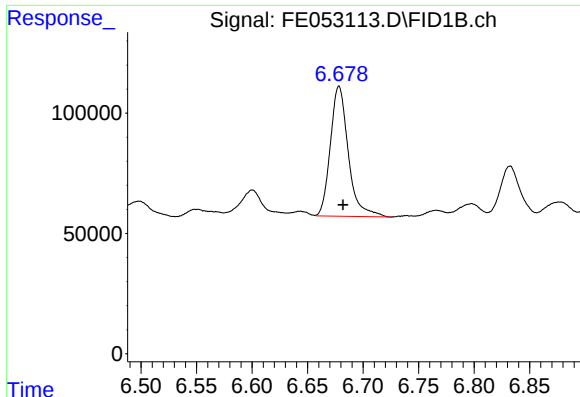
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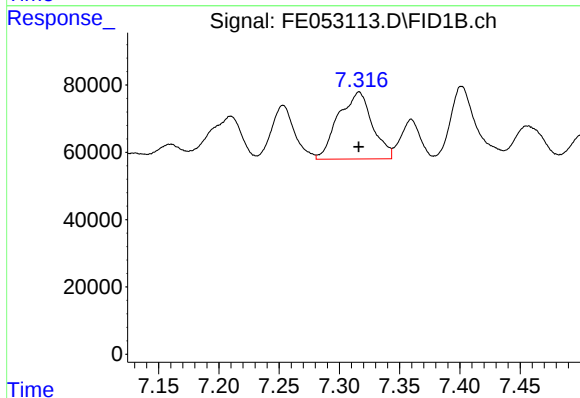




#4 n-Dodecane (C12)

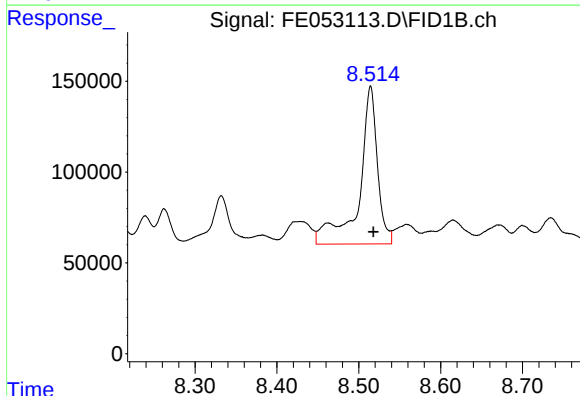
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 607025
Conc: 3.88 ug/ml

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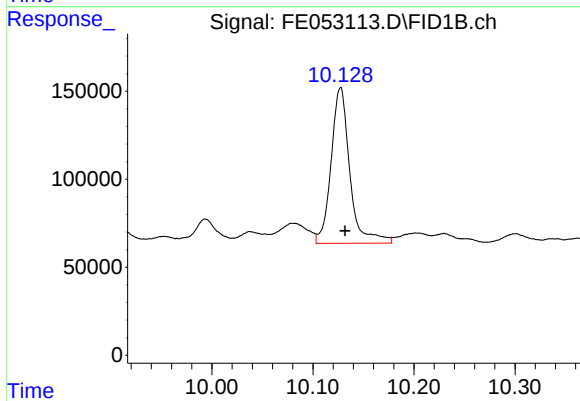
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 391219
Conc: 2.45 ug/ml



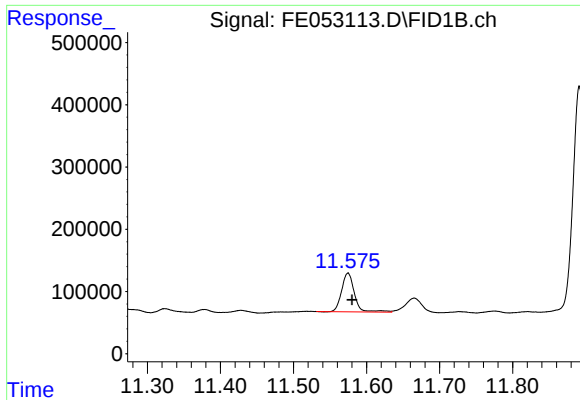
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 1352704
Conc: 8.83 ug/ml



#7 n-Hexadecane (C16)

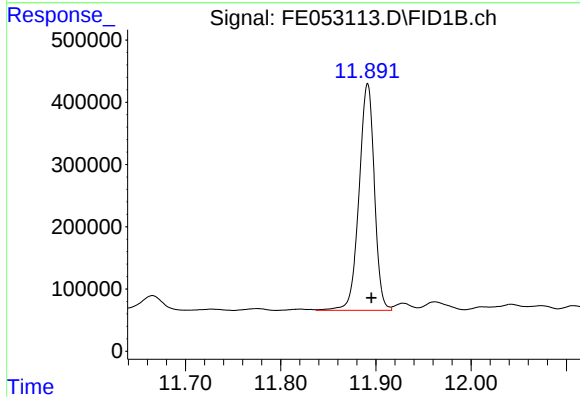
R.T.: 10.127 min
Delta R.T.: -0.005 min
Response: 1139193
Conc: 7.39 ug/ml



#8 n-Octadecane (C18)

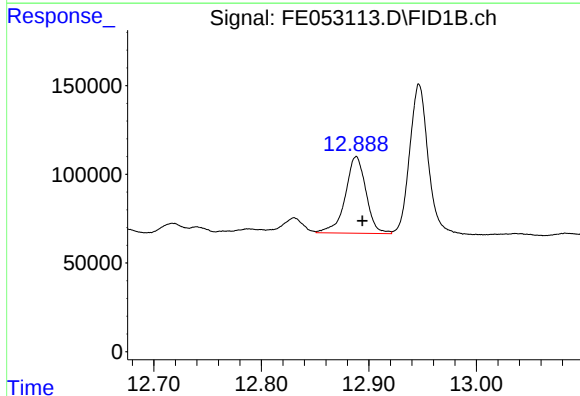
R.T.: 11.575 min
Delta R.T.: -0.006 min
Response: 756063
Conc: 4.99 ug/ml

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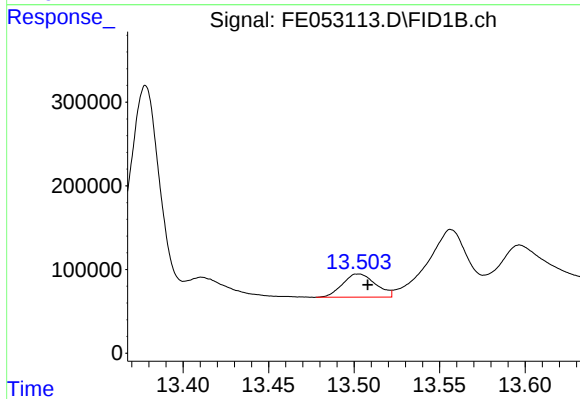
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 4065771
Conc: 24.96 ug/ml



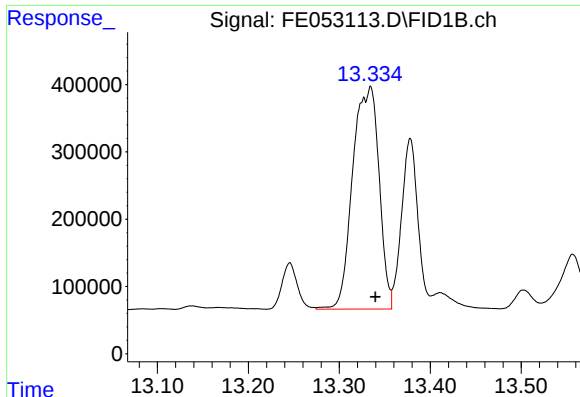
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 578091
Conc: 4.05 ug/ml



#11 n-Heneicosane (C21)

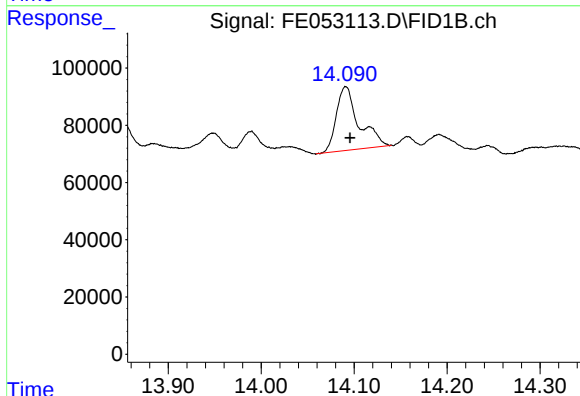
R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 372500
Conc: 2.68 ug/ml



#12 1-chlorooctadecane (SURR)

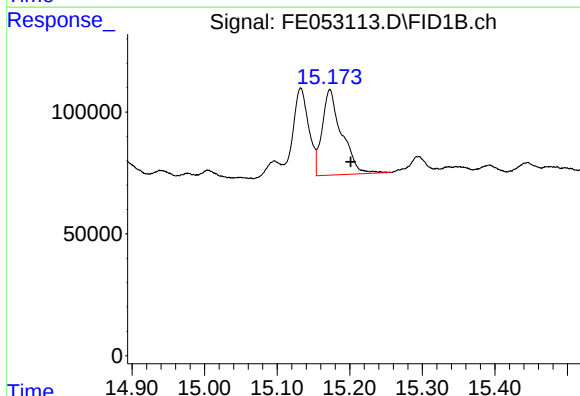
R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 6638432
Conc: 55.30 ug/ml

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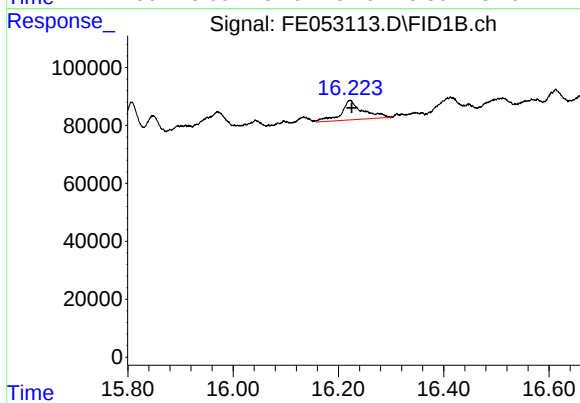
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.005 min
Response: 374198
Conc: 2.73 ug/ml



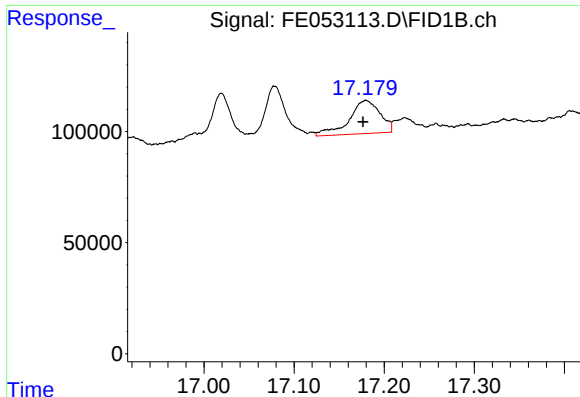
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.029 min
Response: 654858
Conc: 4.85 ug/ml



#15 n-Hexacosane (C26)

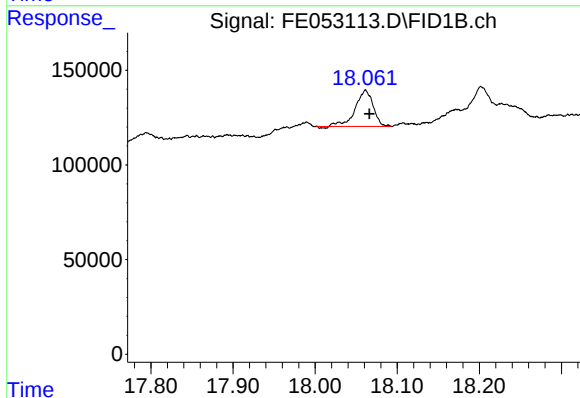
R.T.: 16.222 min
Delta R.T.: -0.003 min
Response: 190337
Conc: 1.43 ug/ml



#16 n-Octacosane (C28)

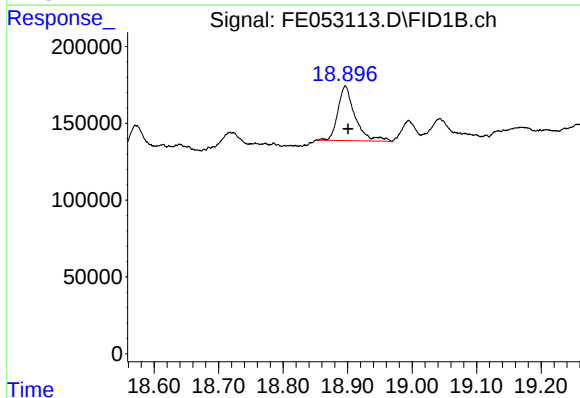
R.T.: 17.179 min
Delta R.T.: 0.003 min
Response: 357464
Conc: 2.71 ug/ml

Instrument :
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OR-02-040125-E2



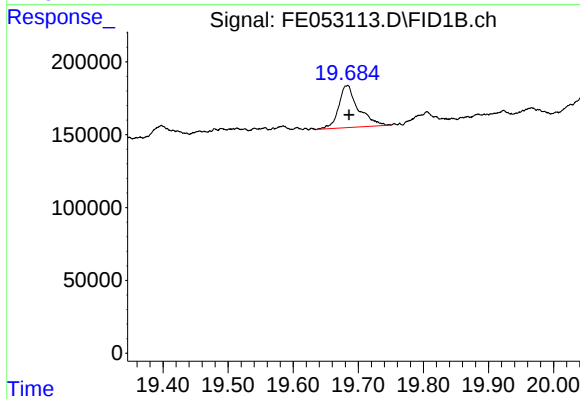
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: -0.005 min
Response: 285790
Conc: 2.11 ug/ml



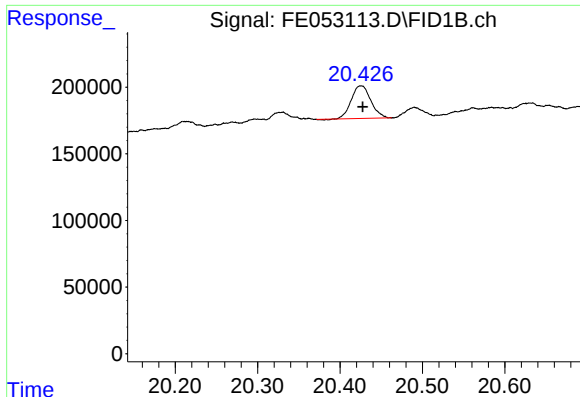
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.004 min
Response: 651699
Conc: 4.84 ug/ml



#19 n-Tetratriacontane (C34)

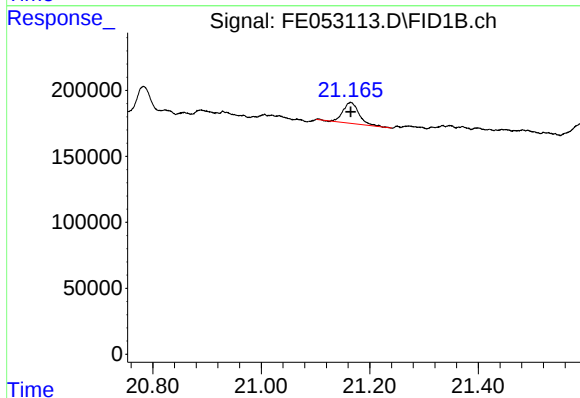
R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 609427
Conc: 4.71 ug/ml



#20 n-Hexatriacontane (C36)

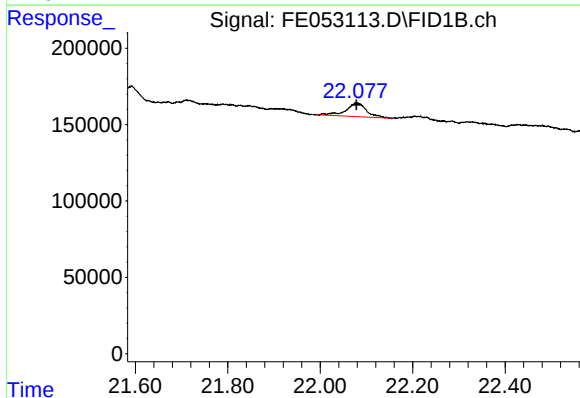
R.T.: 20.426 min
Delta R.T.: -0.002 min
Response: 401019
Conc: 3.38 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: 0.000 min
Response: 326128
Conc: 2.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: 0.000 min
Response: 277057
Conc: 2.47 ug/ml