

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053265.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 07:09
 Operator : YP\AJ
 Sample : Q1746-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 B-149-SB01MS

Integration File: autoint1.e
 Quant Time: Apr 09 08:12:01 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			
12) S 1-chlorooctadecane (S...	13.334	5426332	45.203 ug/ml
Spiked Amount 50.000		Recovery =	90.41%
Target Compounds			
1) T n-Nonane (C9)	3.237	2232908	14.421 ug/ml
2) T n-Decane (C10)	4.496	2857278	18.216 ug/ml
4) T n-Dodecane (C12)	6.675	3844724	24.583 ug/ml
6) T n-Tetradecane (C14)	8.512	4962515	32.410 ug/ml
7) T n-Hexadecane (C16)	10.126	5757346	37.350 ug/ml
8) T n-Octadecane (C18)	11.573	5874437	38.733 ug/ml
10) T n-Eicosane (C20)	12.888	5897169	41.362 ug/ml
11) T n-Heneicosane (C21)	13.501	5568518	40.128 ug/ml
13) T n-Docosane (C22)	14.089	5476554	39.988 ug/ml
14) T n-Tetracosane (C24)	15.195	6185056	45.795 ug/ml
15) T n-Hexacosane (C26)	16.218	5321805	39.891 ug/ml
16) T n-Octacosane (C28)	17.170	5358244	40.603 ug/ml
17) T n-Tricontane (C30)	18.060	5602914	41.338 ug/ml
18) T n-Dotriacontane (C32)	18.893	5871602	43.635 ug/ml
19) T n-Tetratriacontane (C34)	19.679	6122550	47.316 ug/ml
20) T n-Hexatriacontane (C36)	20.419	6178937	52.016 ug/ml
21) T n-Octatriacontane (C38)	21.159	6202226	53.962 ug/ml
22) T n-Tetracontane (C40)	22.070	5753055	51.223 ug/ml

(f)=RT Delta > 1/2 Window

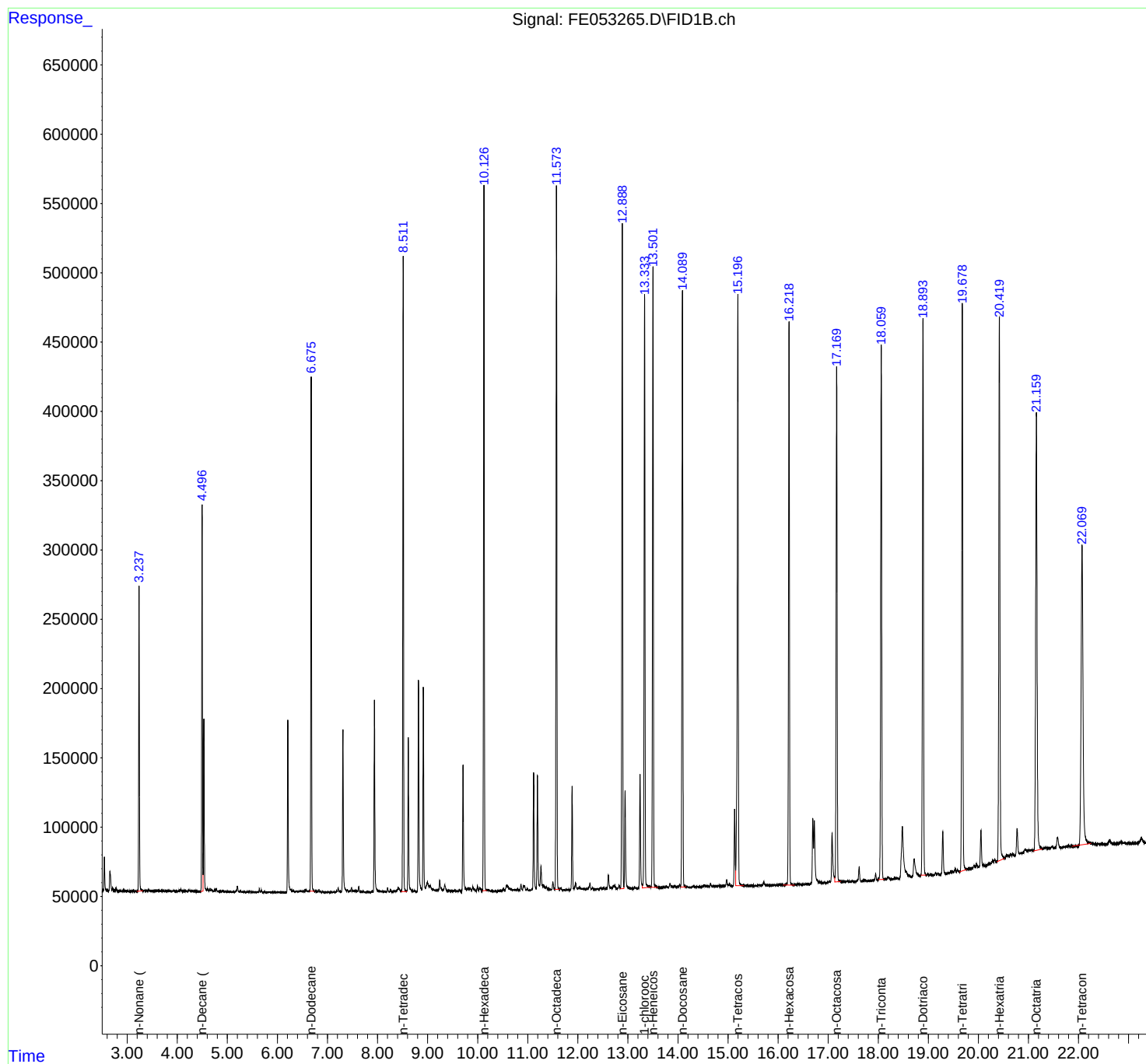
(m)=manual int.

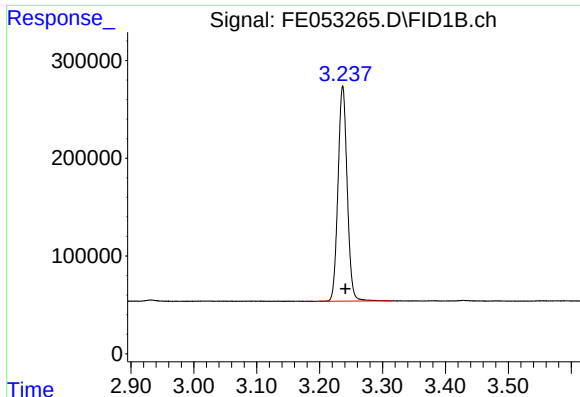
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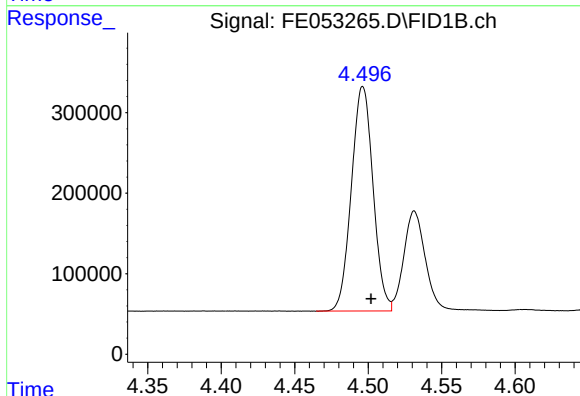




#1 n-Nonane (C9)

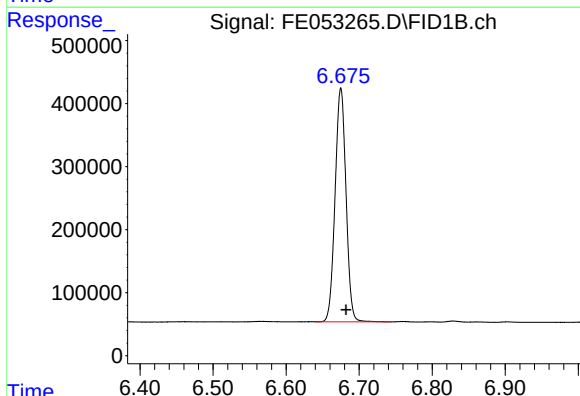
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 2232908
Conc: 14.42 ug/ml

Instrument :
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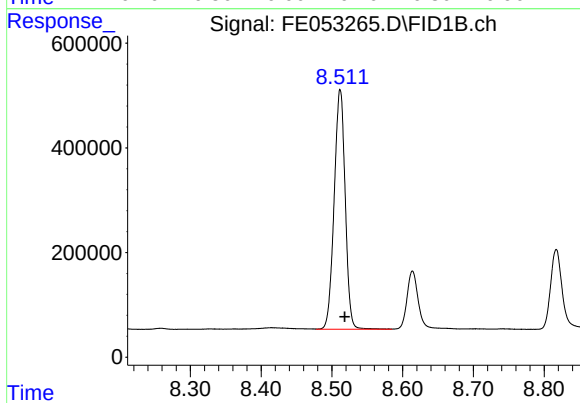
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.005 min
Response: 2857278
Conc: 18.22 ug/ml



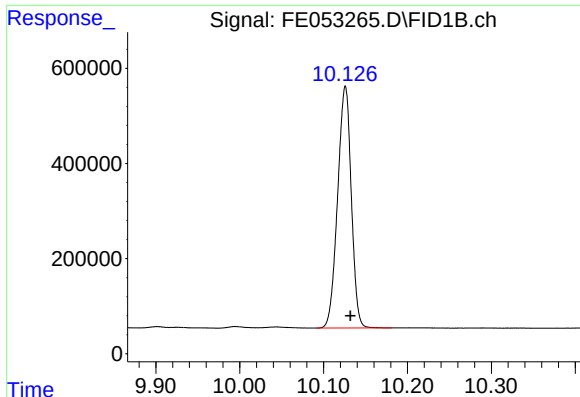
#4 n-Dodecane (C12)

R.T.: 6.675 min
Delta R.T.: -0.007 min
Response: 3844724
Conc: 24.58 ug/ml



#6 n-Tetradecane (C14)

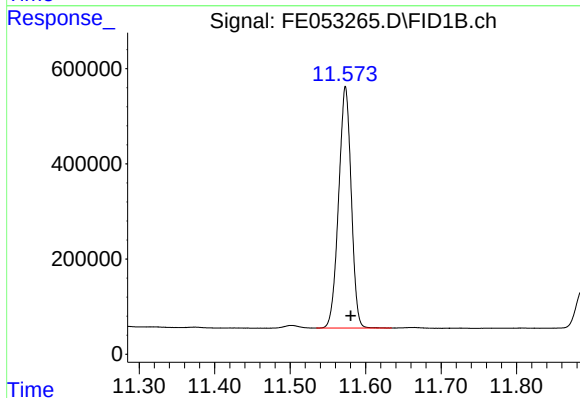
R.T.: 8.512 min
Delta R.T.: -0.006 min
Response: 4962515
Conc: 32.41 ug/ml



#7 n-Hexadecane (C16)

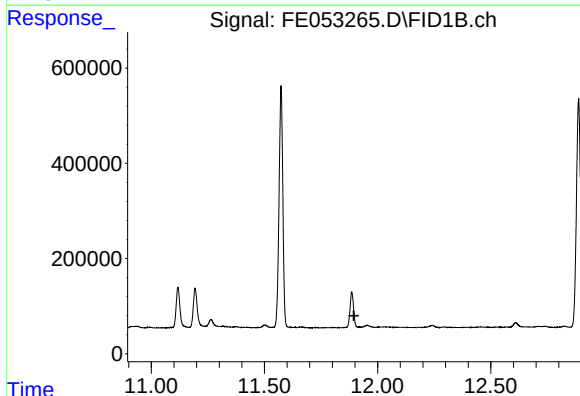
R.T.: 10.126 min
Delta R.T.: -0.006 min
Response: 5757346
Conc: 37.35 ug/ml

Instrument :
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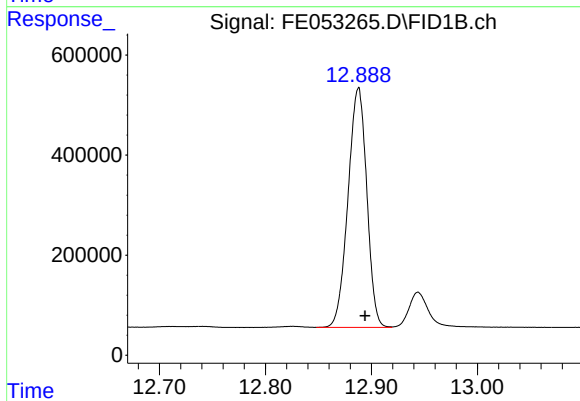
#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: -0.007 min
Response: 5874437
Conc: 38.73 ug/ml



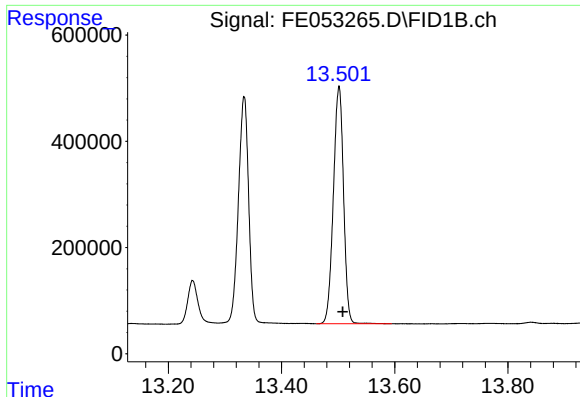
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.895 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

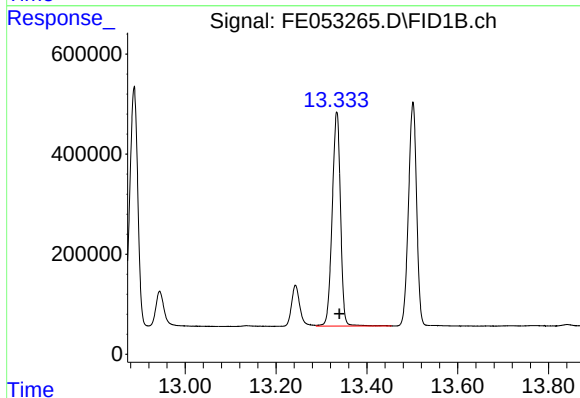
R.T.: 12.888 min
Delta R.T.: -0.007 min
Response: 5897169
Conc: 41.36 ug/ml



#11 n-Heneicosane (C21)

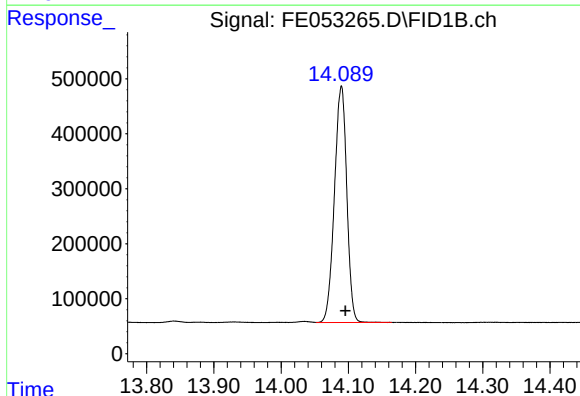
R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 5568518
Conc: 40.13 ug/ml

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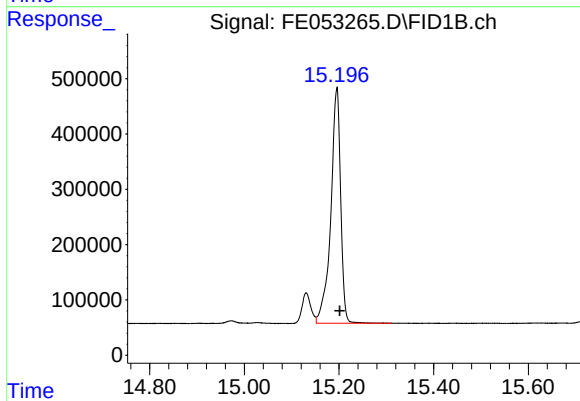
#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.006 min
Response: 5426332
Conc: 45.20 ug/ml



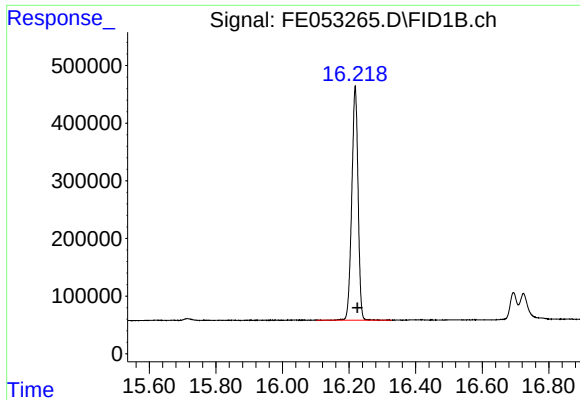
#13 n-Docosane (C22)

R.T.: 14.089 min
Delta R.T.: -0.006 min
Response: 5476554
Conc: 39.99 ug/ml



#14 n-Tetracosane (C24)

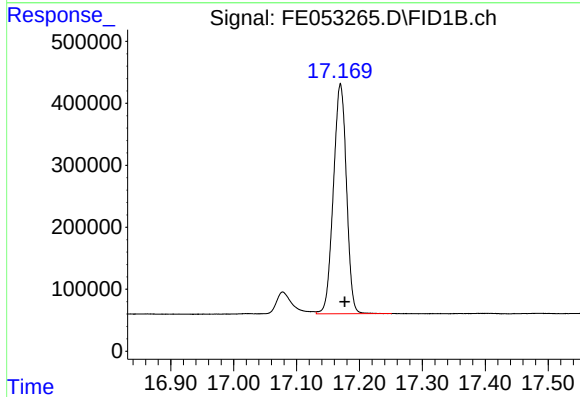
R.T.: 15.195 min
Delta R.T.: -0.006 min
Response: 6185056
Conc: 45.80 ug/ml



#15 n-Hexacosane (C26)

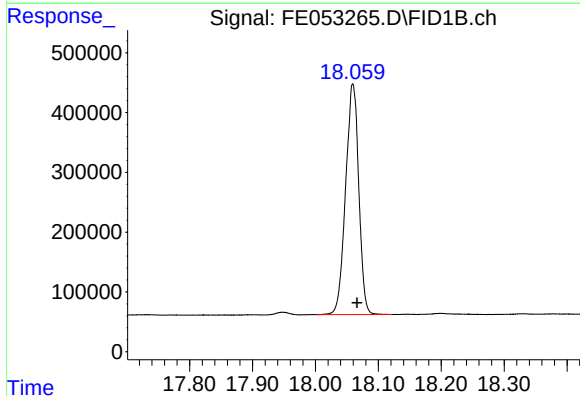
R.T.: 16.218 min
Delta R.T.: -0.007 min
Response: 5321805
Conc: 39.89 ug/ml

Instrument :
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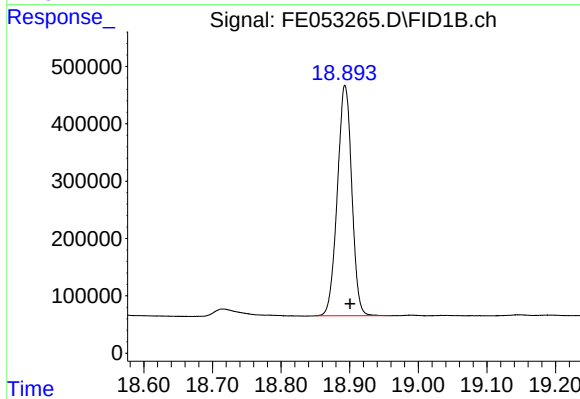
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.007 min
Response: 5358244
Conc: 40.60 ug/ml



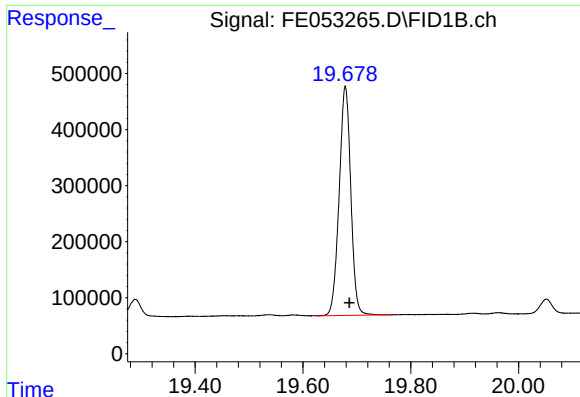
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.007 min
Response: 5602914
Conc: 41.34 ug/ml



#18 n-Dotriacontane (C32)

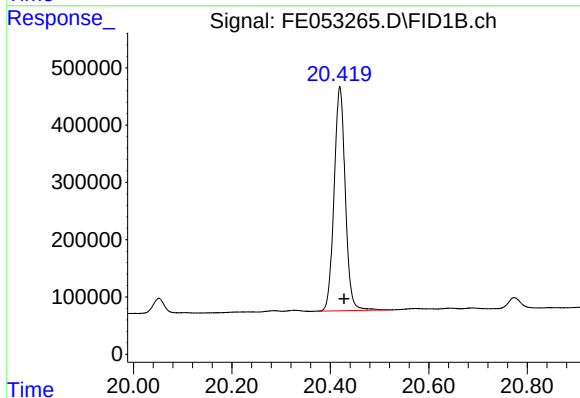
R.T.: 18.893 min
Delta R.T.: -0.007 min
Response: 5871602
Conc: 43.63 ug/ml



#19 n-Tetratriacontane (C34)

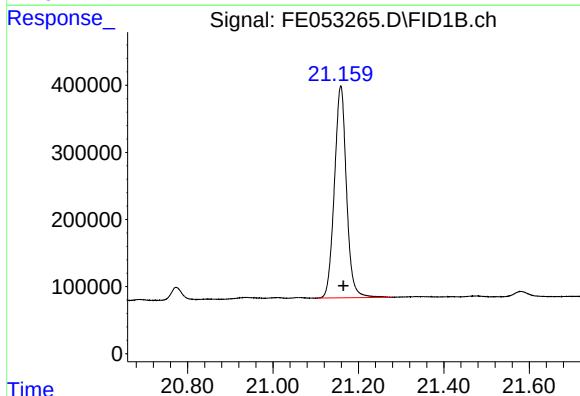
R.T.: 19.679 min
Delta R.T.: -0.007 min
Response: 6122550
Conc: 47.32 ug/ml

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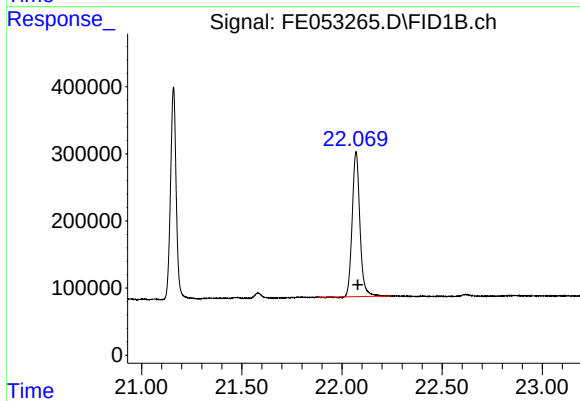
#20 n-Hexatriacontane (C36)

R.T.: 20.419 min
Delta R.T.: -0.008 min
Response: 6178937
Conc: 52.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.006 min
Response: 6202226
Conc: 53.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.008 min
Response: 5753055
Conc: 51.22 ug/ml