

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053266.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 07:39
 Operator : YP\AJ
 Sample : Q1746-01MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 B-149-SB01MSD

Integration File: autoint1.e
 Quant Time: Apr 09 08:43:39 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	5422250	45.169 ug/ml
Spiked Amount 50.000		Recovery =	90.34%
Target Compounds			
1) T n-Nonane (C9)	3.236	2176932	14.059 ug/ml
2) T n-Decane (C10)	4.496	2784690	17.753 ug/ml
4) T n-Dodecane (C12)	6.675	3772779	24.123 ug/ml
6) T n-Tetradecane (C14)	8.512	4861529	31.751 ug/ml
7) T n-Hexadecane (C16)	10.125	5681590	36.858 ug/ml
8) T n-Octadecane (C18)	11.573	5845932	38.545 ug/ml
10) T n-Eicosane (C20)	12.888	5897554	41.364 ug/ml
11) T n-Heneicosane (C21)	13.501	5552727	40.014 ug/ml
13) T n-Docosane (C22)	14.089	5469393	39.935 ug/ml
14) T n-Tetracosane (C24)	15.194	6156927	45.587 ug/ml
15) T n-Hexacosane (C26)	16.218	5302812	39.749 ug/ml
16) T n-Octacosane (C28)	17.170	5315045	40.275 ug/ml
17) T n-Tricontane (C30)	18.060	5417061	39.966 ug/ml
18) T n-Dotriacontane (C32)	18.893	5489466	40.795 ug/ml
19) T n-Tetratriacontane (C34)	19.679	5675799	43.864 ug/ml
20) T n-Hexatriacontane (C36)	20.421	5674632	47.770 ug/ml
21) T n-Octatriacontane (C38)	21.159	5896921	51.306 ug/ml
22) T n-Tetracontane (C40)	22.070	5713167	50.868 ug/ml

(f)=RT Delta > 1/2 Window

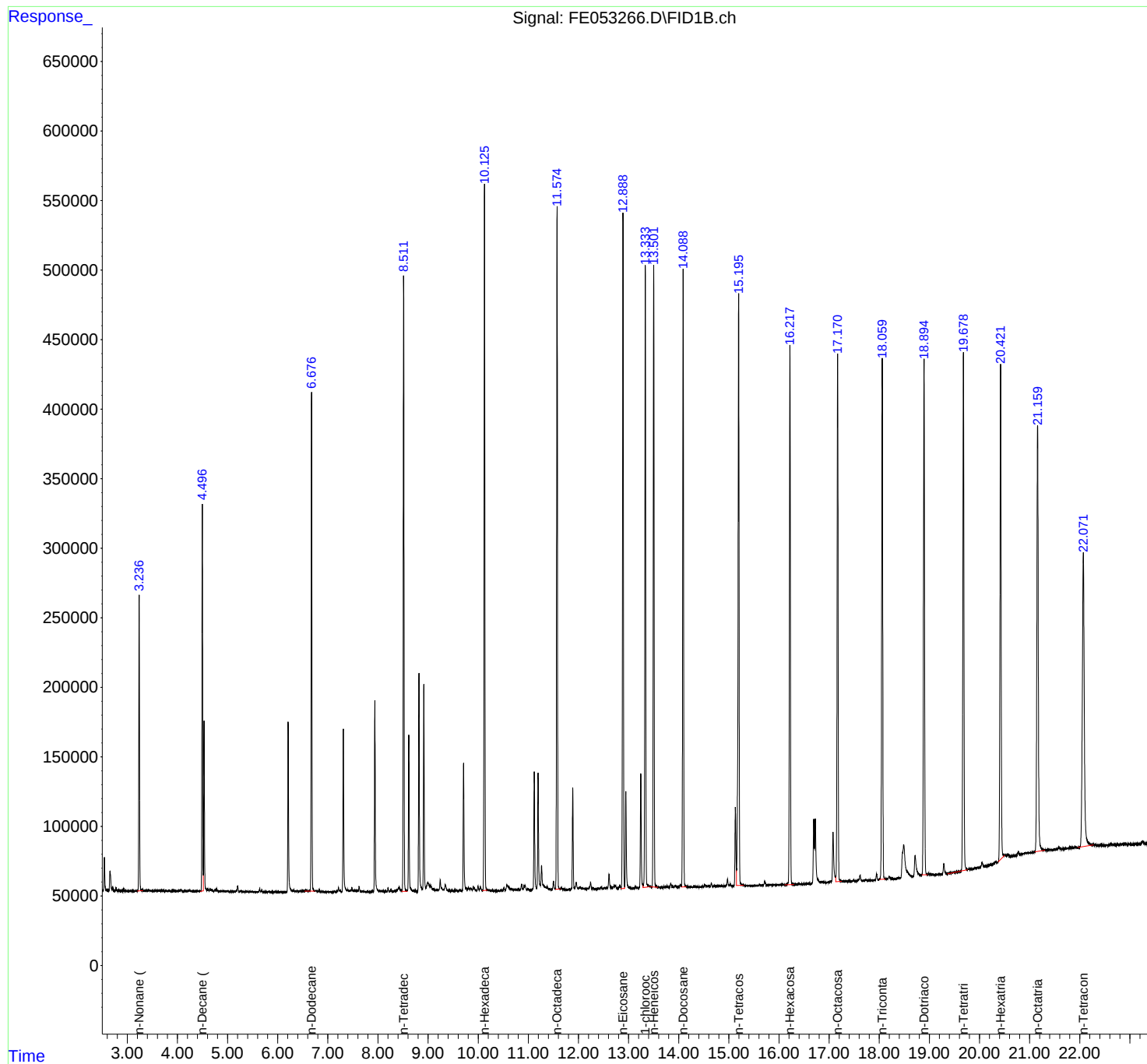
(m)=manual int.

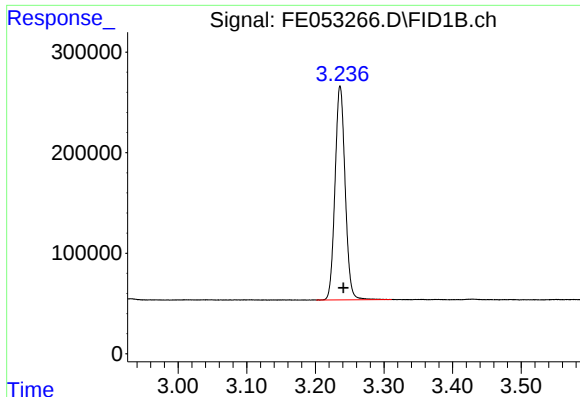
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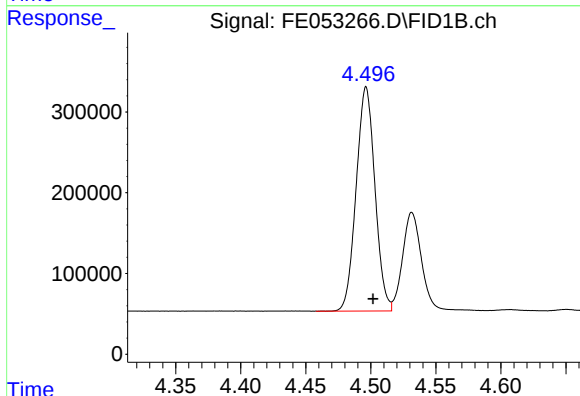




#1 n-Nonane (C9)

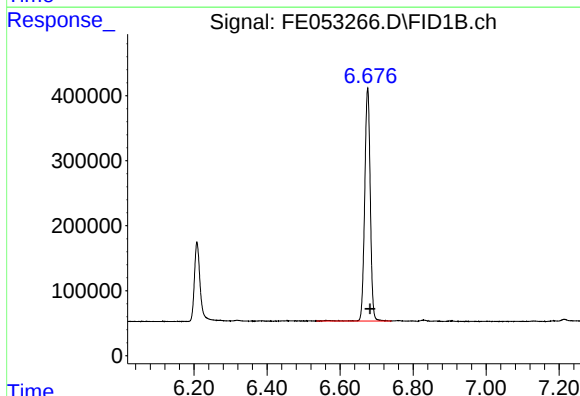
R.T.: 3.236 min
Delta R.T.: -0.005 min
Response: 2176932
Conc: 14.06 ug/ml

Instrument :
FID_E
ClientSampleId :
B-149-SB01MSD



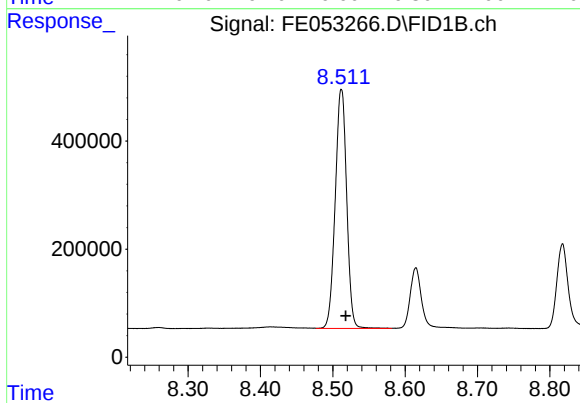
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.005 min
Response: 2784690
Conc: 17.75 ug/ml



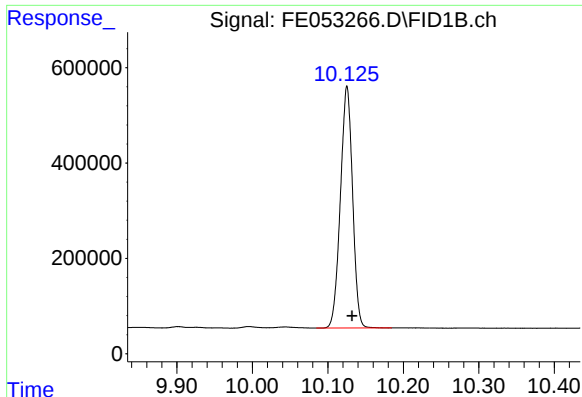
#4 n-Dodecane (C12)

R.T.: 6.675 min
Delta R.T.: -0.007 min
Response: 3772779
Conc: 24.12 ug/ml



#6 n-Tetradecane (C14)

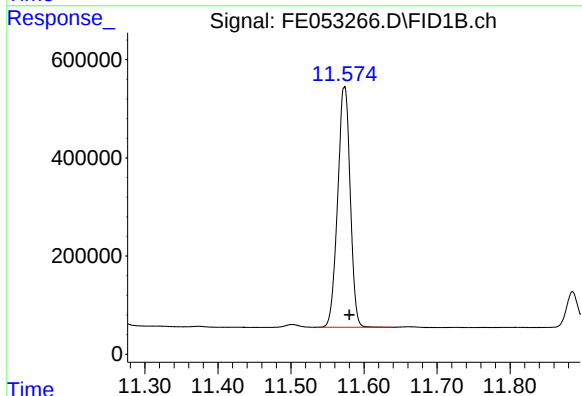
R.T.: 8.512 min
Delta R.T.: -0.006 min
Response: 4861529
Conc: 31.75 ug/ml



#7 n-Hexadecane (C16)

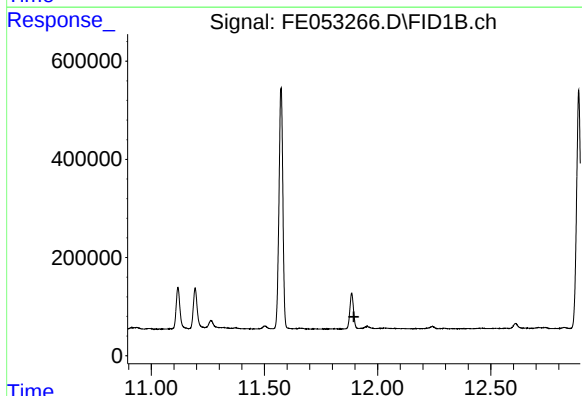
R.T.: 10.125 min
Delta R.T.: -0.007 min
Response: 5681590
Conc: 36.86 ug/ml

Instrument :
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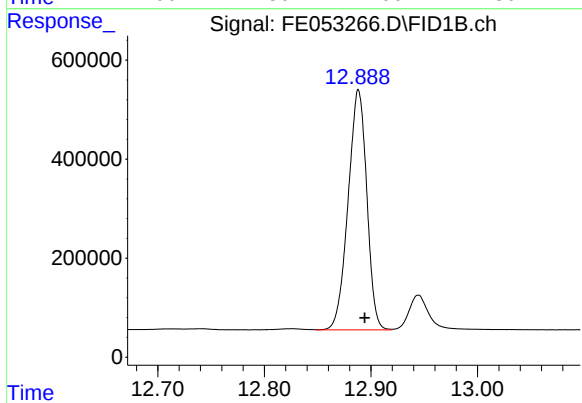
#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: -0.007 min
Response: 5845932
Conc: 38.54 ug/ml



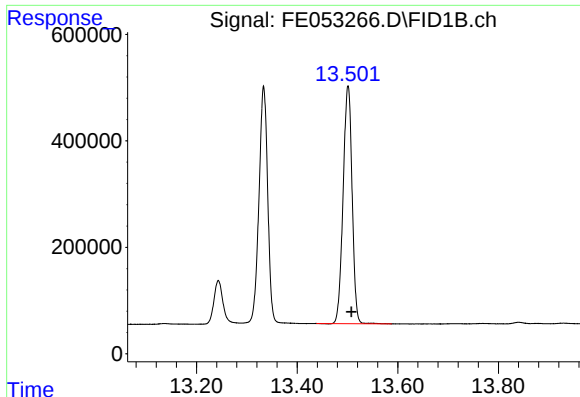
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

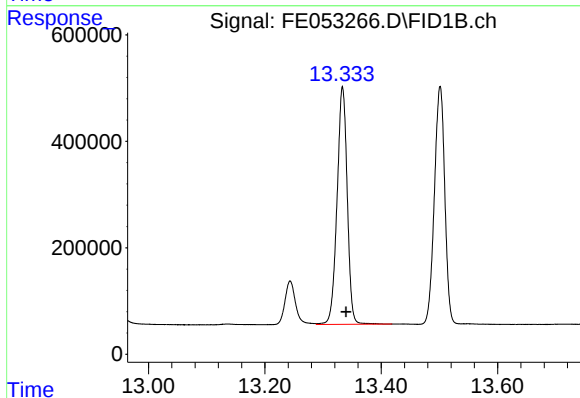
R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 5897554
Conc: 41.36 ug/ml



#11 n-Heneicosane (C21)

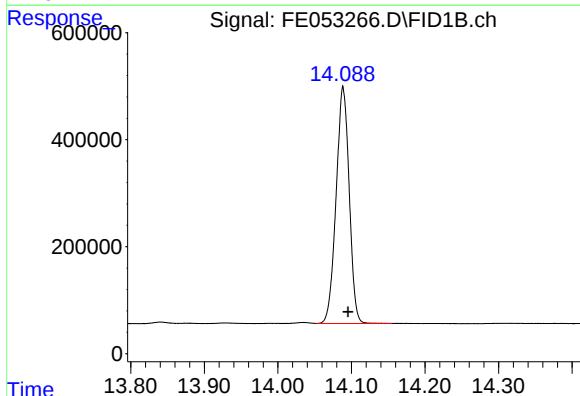
R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 5552727
Conc: 40.01 ug/ml

Instrument :
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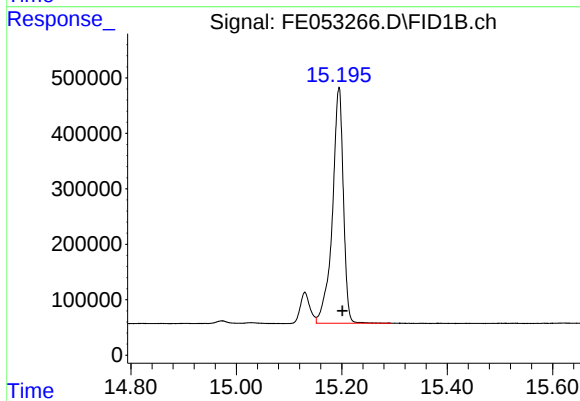
#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.006 min
Response: 5422250
Conc: 45.17 ug/ml



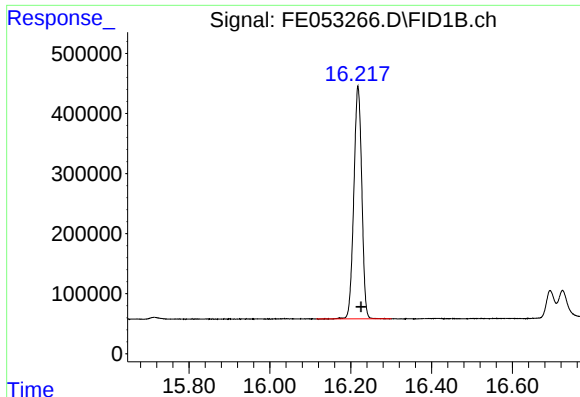
#13 n-Docosane (C22)

R.T.: 14.089 min
Delta R.T.: -0.007 min
Response: 5469393
Conc: 39.94 ug/ml



#14 n-Tetracosane (C24)

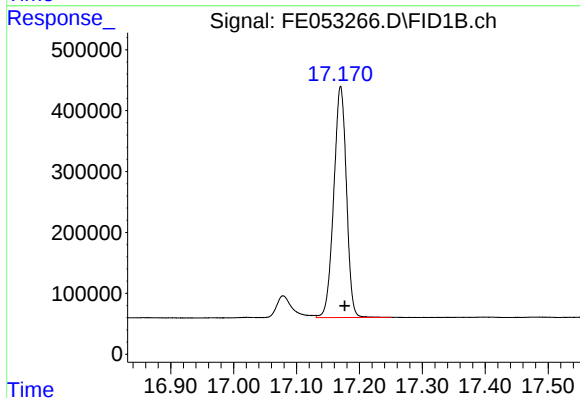
R.T.: 15.194 min
Delta R.T.: -0.007 min
Response: 6156927
Conc: 45.59 ug/ml



#15 n-Hexacosane (C26)

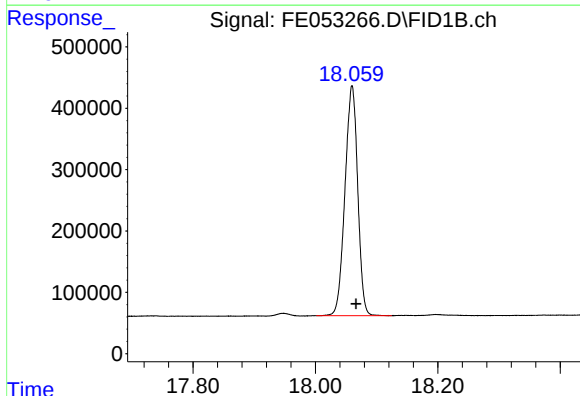
R.T.: 16.218 min
Delta R.T.: -0.007 min
Response: 5302812
Conc: 39.75 ug/ml

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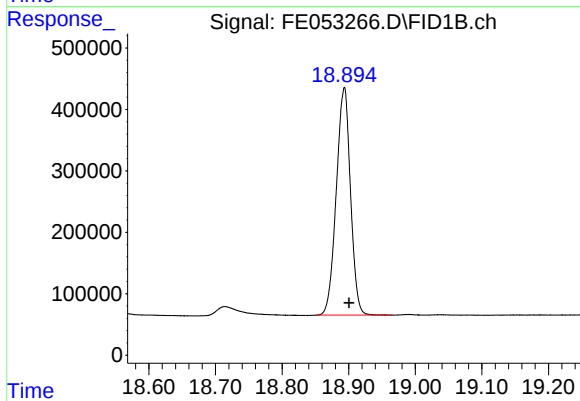
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.007 min
Response: 5315045
Conc: 40.28 ug/ml



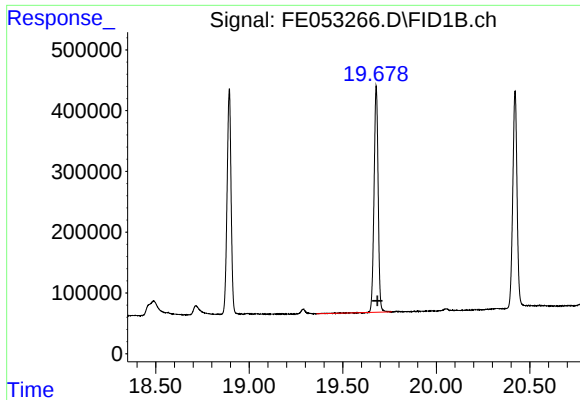
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.007 min
Response: 5417061
Conc: 39.97 ug/ml



#18 n-Dotriacontane (C32)

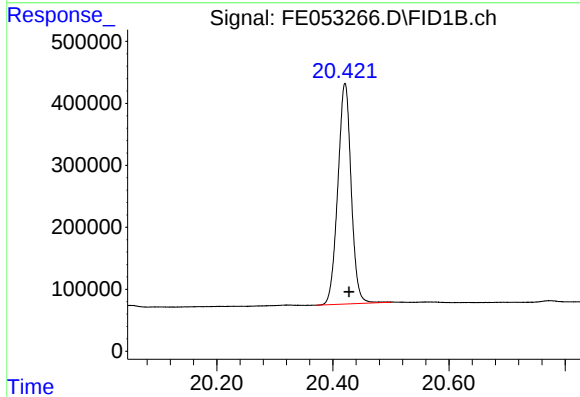
R.T.: 18.893 min
Delta R.T.: -0.007 min
Response: 5489466
Conc: 40.79 ug/ml



#19 n-Tetratriacontane (C34)

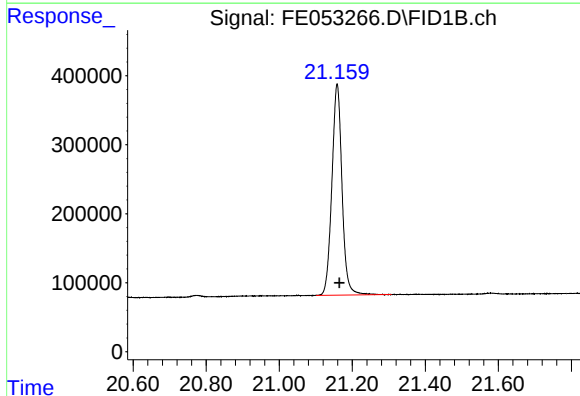
R.T.: 19.679 min
Delta R.T.: -0.007 min
Response: 5675799
Conc: 43.86 ug/ml

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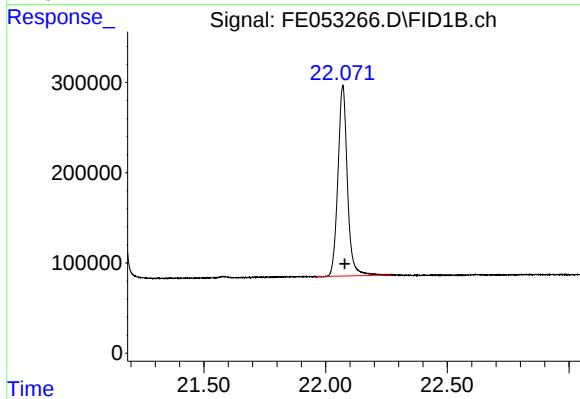
#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.007 min
Response: 5674632
Conc: 47.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.006 min
Response: 5896921
Conc: 51.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.008 min
Response: 5713167
Conc: 50.87 ug/ml