

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055689.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 15:05
 Operator : YP\AJ
 Sample : Q2893-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Integration File: autoint1.e
 Quant Time: Sep 06 01:43:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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...	13.508	3578967	28.621 ug/ml
Spiked Amount 50.000		Recovery =	57.24%
Target Compounds			
1) T n-Nonane (C9)	3.412	329437	2.596 ug/ml
2) T n-Decane (C10)	4.670	399433	3.118 ug/ml
4) T n-Dodecane (C12)	6.844	440335	3.382 ug/ml
6) T n-Tetradecane (C14)	8.681	519027	3.941 ug/ml
7) T n-Hexadecane (C16)	10.295	517391	3.736 ug/ml
8) T n-Octadecane (C18)	11.744	571782	3.920 ug/ml
10) T n-Eicosane (C20)	13.059	617456	4.289 ug/ml
11) T n-Heneicosane (C21)	13.673	562541	3.938 ug/ml
13) T n-Docosane (C22)	14.262	588588	4.112 ug/ml
14) T n-Tetracosane (C24)	15.368	614526	4.247 ug/ml
15) T n-Hexacosane (C26)	16.392	589973	4.130 ug/ml
16) T n-Octacosane (C28)	17.344	619509	4.355 ug/ml
17) T n-Tricontane (C30)	18.233	695605	4.706 ug/ml
18) T n-Dotriacontane (C32)	19.068	735615	5.012 ug/ml
19) T n-Tetratriacontane (C34)	19.853	734213	5.197 ug/ml
20) T n-Hexatriacontane (C36)	20.594	703557	5.332 ug/ml
21) T n-Octatriacontane (C38)	21.370	675686	5.188 ug/ml
22) T n-Tetracontane (C40)	22.354	644934	5.029 ug/ml

(f)=RT Delta > 1/2 Window

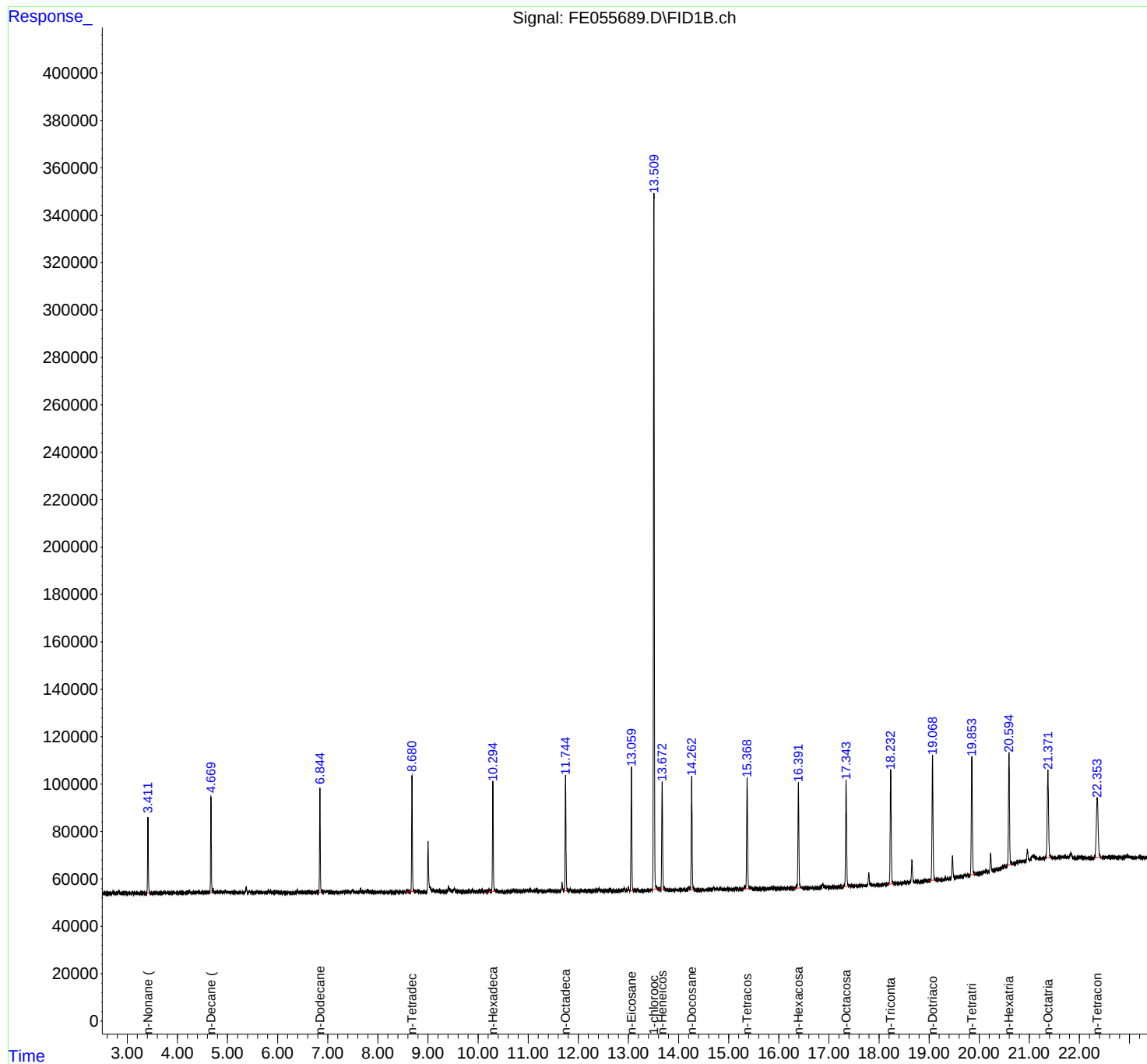
(m)=manual int.

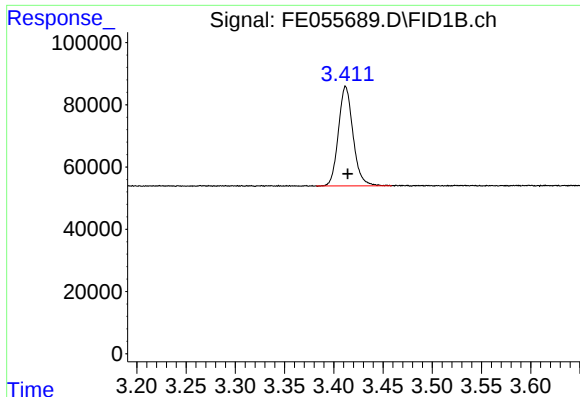
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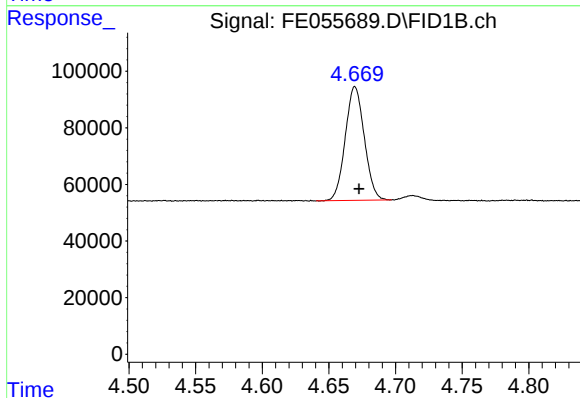




#1 n-Nonane (C9)

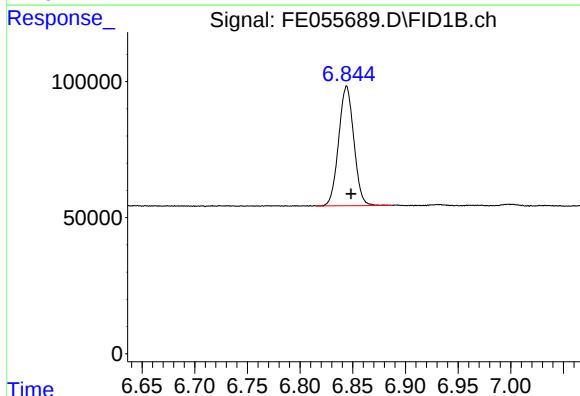
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 329437
Conc: 2.60 ug/ml

Instrument :
FID_E
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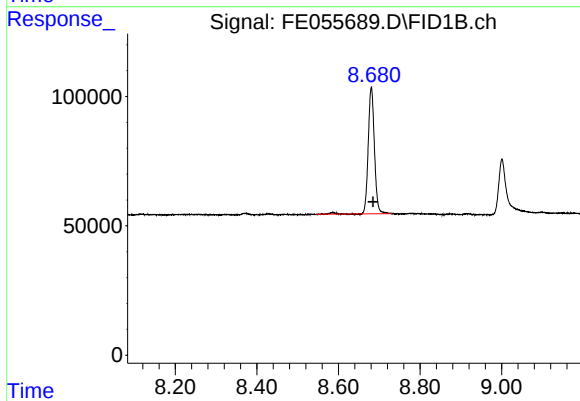
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 399433
Conc: 3.12 ug/ml



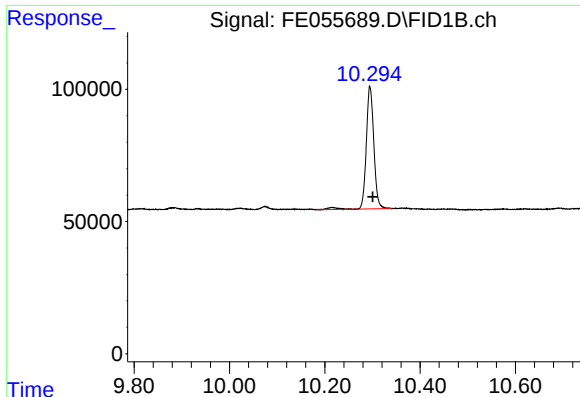
#4 n-Dodecane (C12)

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 440335
Conc: 3.38 ug/ml



#6 n-Tetradecane (C14)

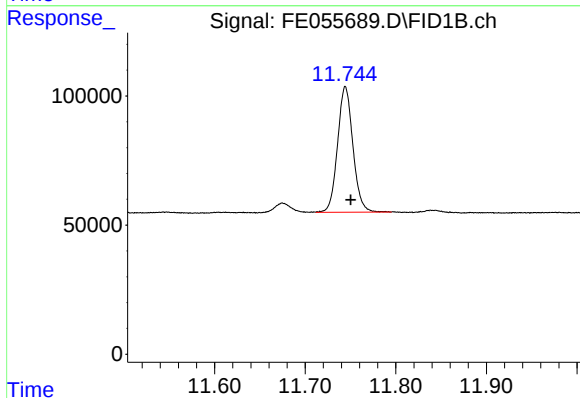
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 519027
Conc: 3.94 ug/ml



#7 n-Hexadecane (C16)

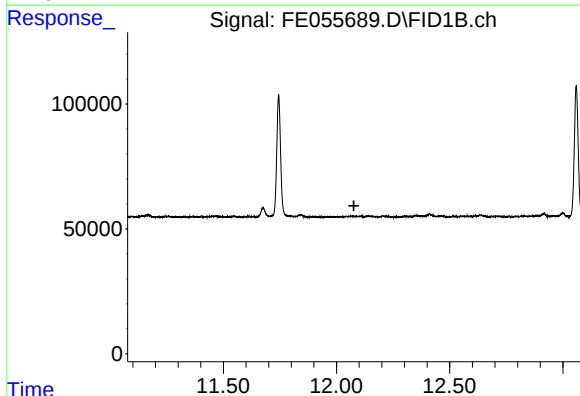
R.T.: 10.295 min
Delta R.T.: -0.005 min
Response: 517391
Conc: 3.74 ug/ml

Instrument :
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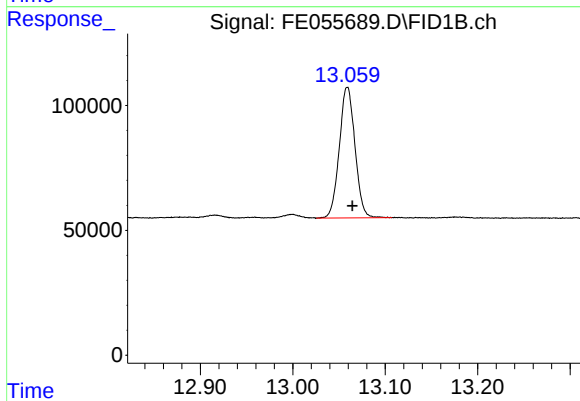
#8 n-Octadecane (C18)

R.T.: 11.744 min
Delta R.T.: -0.006 min
Response: 571782
Conc: 3.92 ug/ml



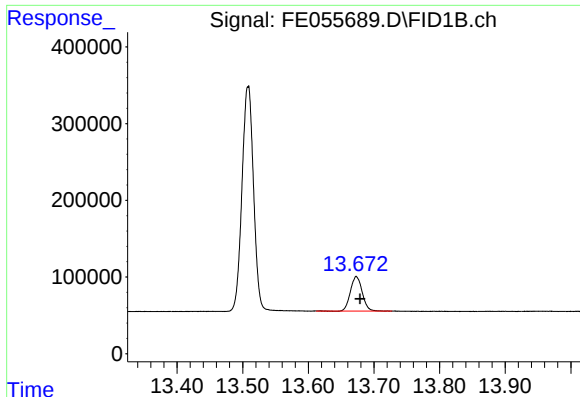
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.077 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

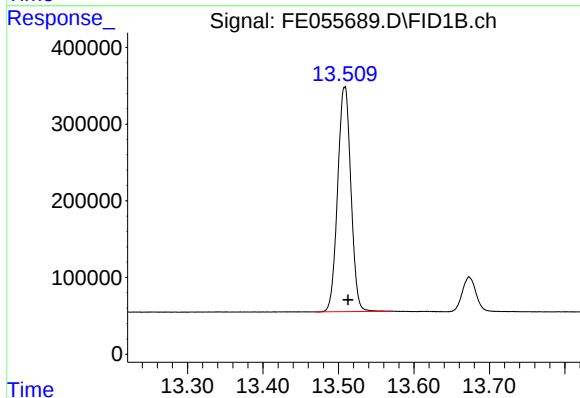
R.T.: 13.059 min
Delta R.T.: -0.005 min
Response: 617456
Conc: 4.29 ug/ml



#11 n-Heneicosane (C21)

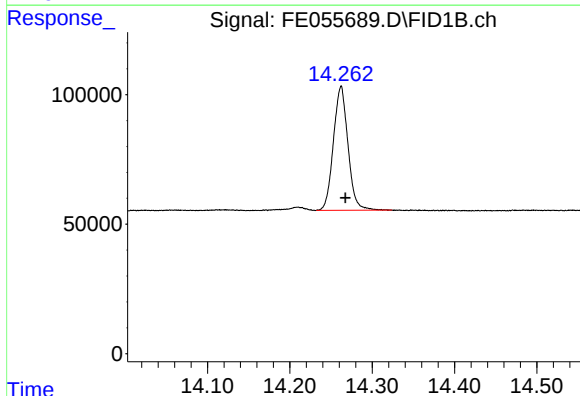
R.T.: 13.673 min
Delta R.T.: -0.006 min
Response: 562541
Conc: 3.94 ug/ml

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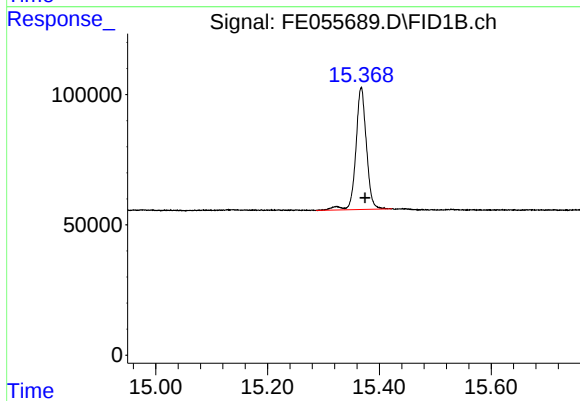
#12 1-chlorooctadecane (SURR)

R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 3578967
Conc: 28.62 ug/ml



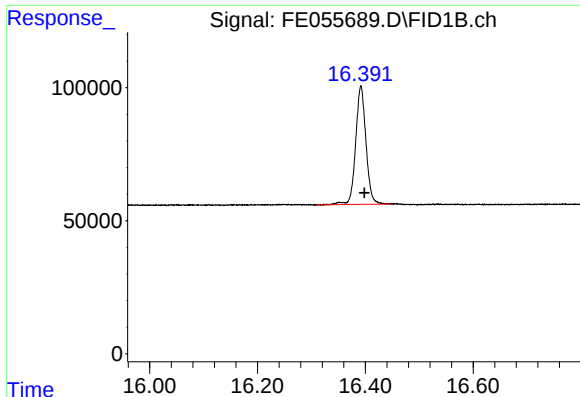
#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: -0.005 min
Response: 588588
Conc: 4.11 ug/ml



#14 n-Tetracosane (C24)

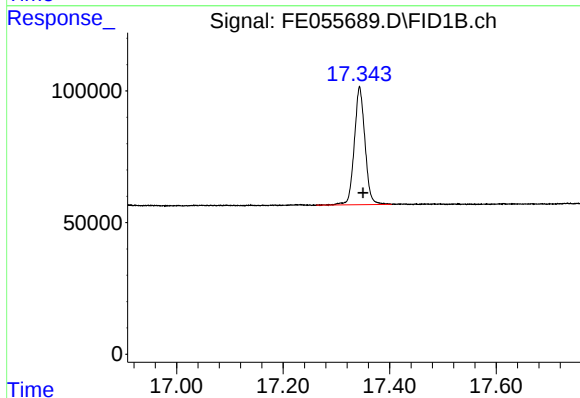
R.T.: 15.368 min
Delta R.T.: -0.007 min
Response: 614526
Conc: 4.25 ug/ml



#15 n-Hexacosane (C26)

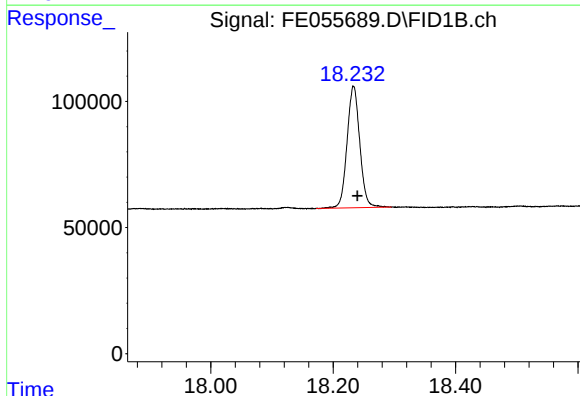
R.T.: 16.392 min
Delta R.T.: -0.007 min
Response: 589973
Conc: 4.13 ug/ml

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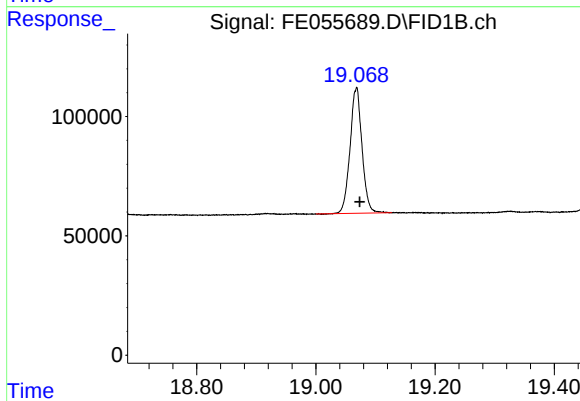
#16 n-Octacosane (C28)

R.T.: 17.344 min
Delta R.T.: -0.007 min
Response: 619509
Conc: 4.36 ug/ml



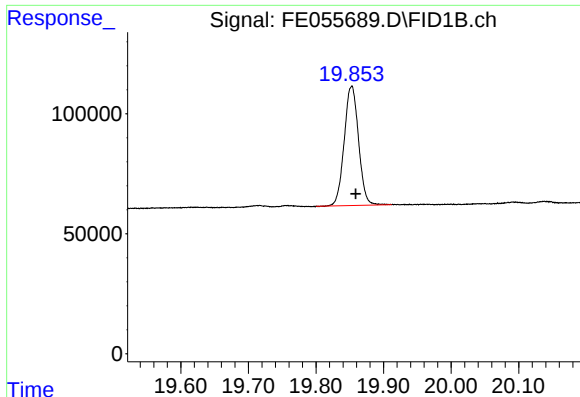
#17 n-Tricontane (C30)

R.T.: 18.233 min
Delta R.T.: -0.006 min
Response: 695605
Conc: 4.71 ug/ml



#18 n-Dotriacontane (C32)

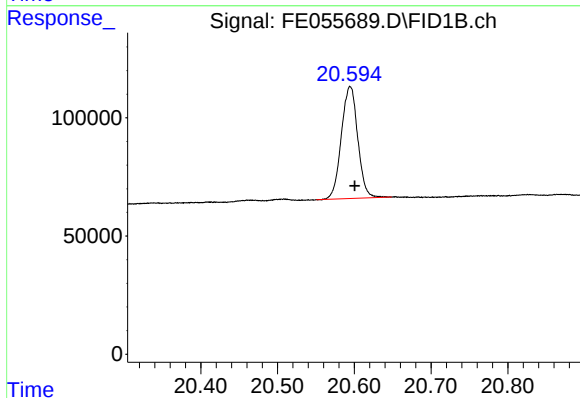
R.T.: 19.068 min
Delta R.T.: -0.006 min
Response: 735615
Conc: 5.01 ug/ml



#19 n-Tetratriacontane (C34)

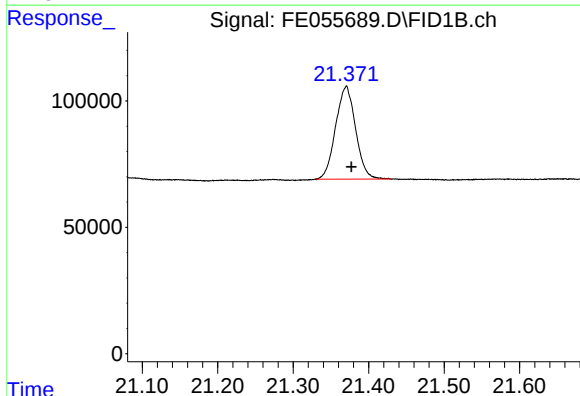
R.T.: 19.853 min
Delta R.T.: -0.006 min
Response: 734213
Conc: 5.20 ug/ml

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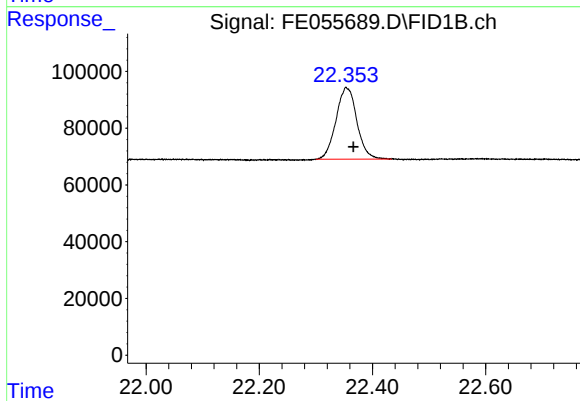
#20 n-Hexatriacontane (C36)

R.T.: 20.594 min
Delta R.T.: -0.006 min
Response: 703557
Conc: 5.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: -0.007 min
Response: 675686
Conc: 5.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.354 min
Delta R.T.: -0.012 min
Response: 644934
Conc: 5.03 ug/ml