

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055683.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 11:30
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Integration File: autoint1.e
 Quant Time: Sep 06 01:40:37 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...	13.509	3618004	28.934 ug/ml
Spiked Amount 50.000		Recovery =	57.87%
Target Compounds			
1) T n-Nonane (C9)	3.411	175681	1.384 ug/ml
2) T n-Decane (C10)	4.670	212936	1.662 ug/ml
4) T n-Dodecane (C12)	6.844	247997	1.905 ug/ml
6) T n-Tetradecane (C14)	8.681	294327	2.235 ug/ml
7) T n-Hexadecane (C16)	10.296	270812	1.955 ug/ml
8) T n-Octadecane (C18)	11.745	295430	2.025 ug/ml
10) T n-Eicosane (C20)	13.059	316014	2.195 ug/ml
11) T n-Heneicosane (C21)	13.674	279277	1.955 ug/ml
13) T n-Docosane (C22)	14.262	299653	2.093 ug/ml
14) T n-Tetracosane (C24)	15.368	324068	2.240 ug/ml
15) T n-Hexacosane (C26)	16.392	306489	2.145 ug/ml
16) T n-Octacosane (C28)	17.344	322061	2.264 ug/ml
17) T n-Tricontane (C30)	18.233	376428	2.547 ug/ml
18) T n-Dotriacontane (C32)	19.068	396435	2.701 ug/ml
19) T n-Tetratriacontane (C34)	19.852	364275	2.578 ug/ml
20) T n-Hexatriacontane (C36)	20.594	337691	2.559 ug/ml
21) T n-Octatriacontane (C38)	21.369	325548	2.500 ug/ml
22) T n-Tetracontane (C40)	22.354	291295	2.271 ug/ml

(f)=RT Delta > 1/2 Window

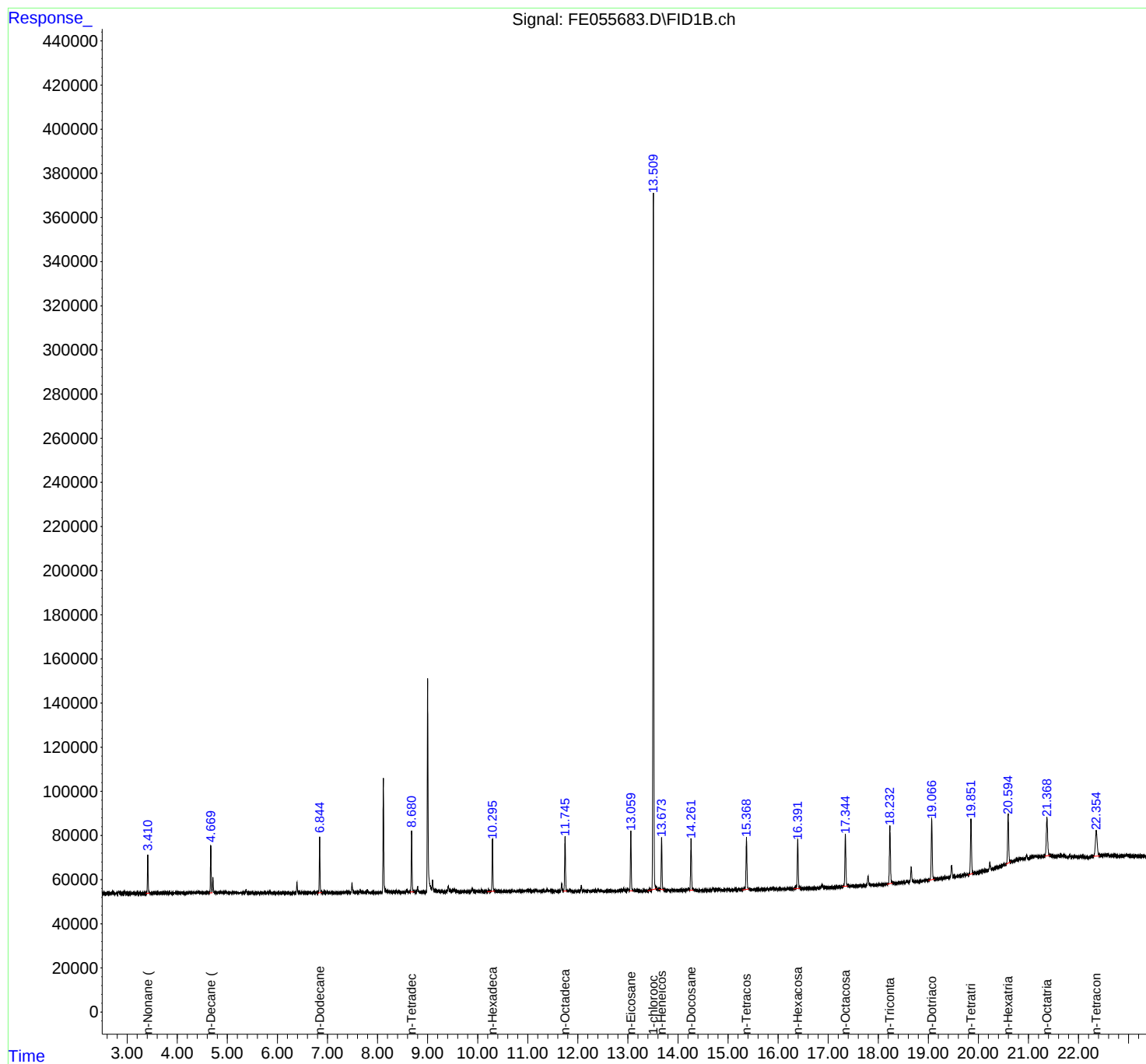
(m)=manual int.

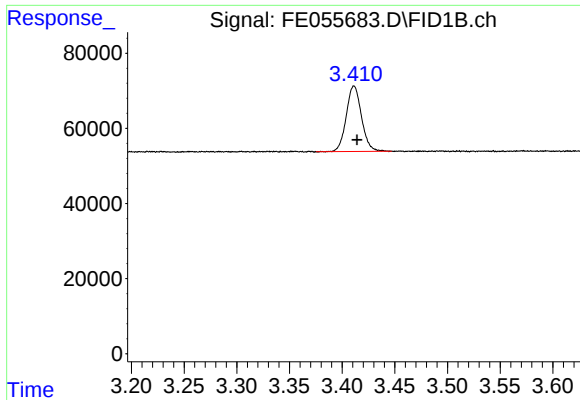
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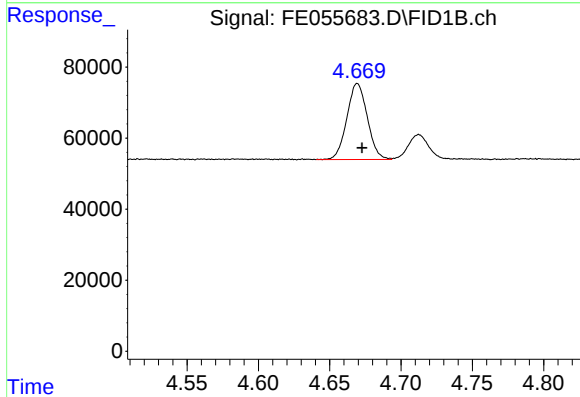




#1 n-Nonane (C9)

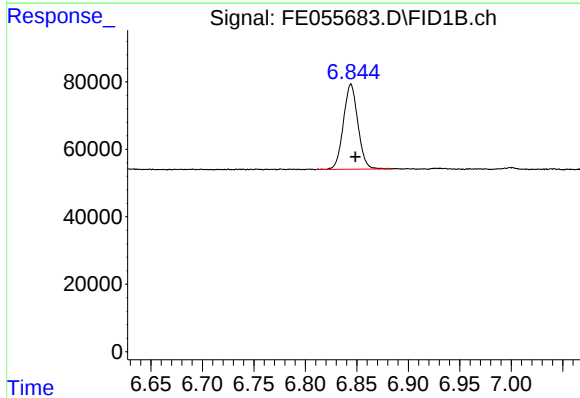
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 175681
Conc: 1.38 ug/ml

Instrument :
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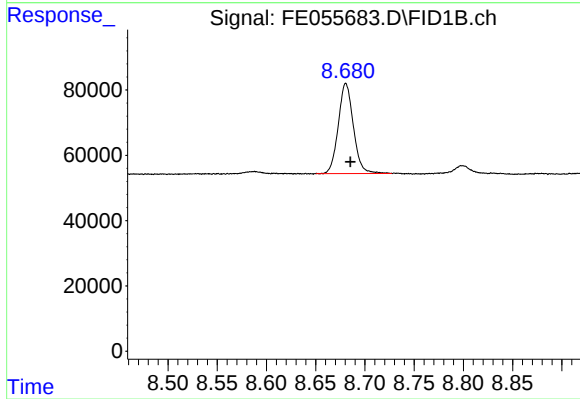
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 212936
Conc: 1.66 ug/ml



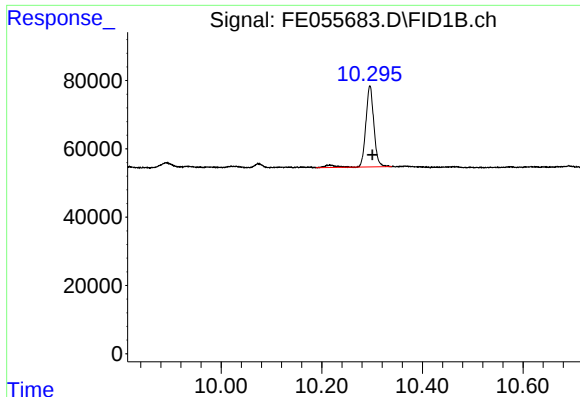
#4 n-Dodecane (C12)

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 247997
Conc: 1.90 ug/ml



#6 n-Tetradecane (C14)

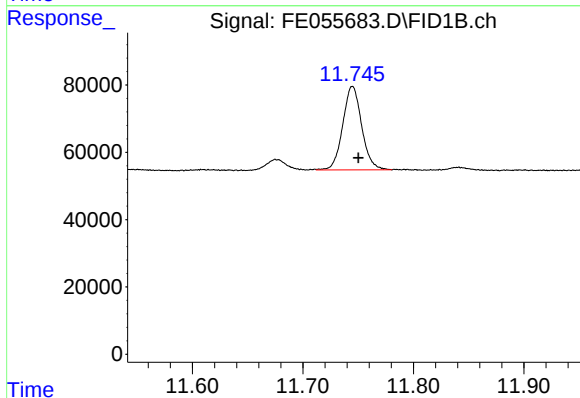
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 294327
Conc: 2.23 ug/ml



#7 n-Hexadecane (C16)

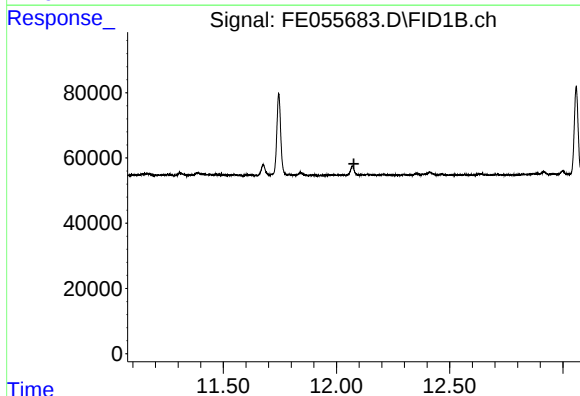
R.T.: 10.296 min
Delta R.T.: -0.005 min
Response: 270812
Conc: 1.96 ug/ml

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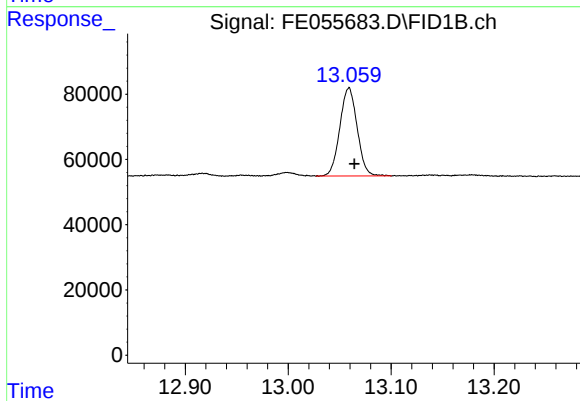
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.005 min
Response: 295430
Conc: 2.03 ug/ml



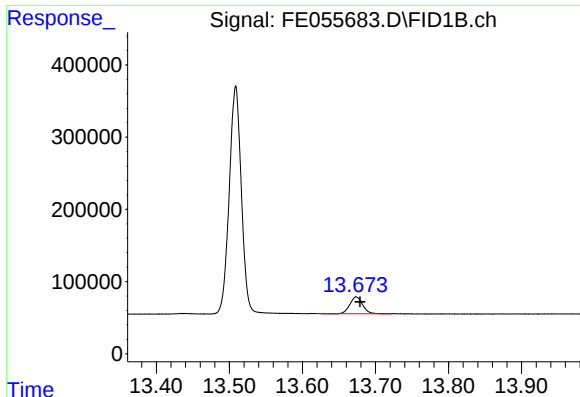
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

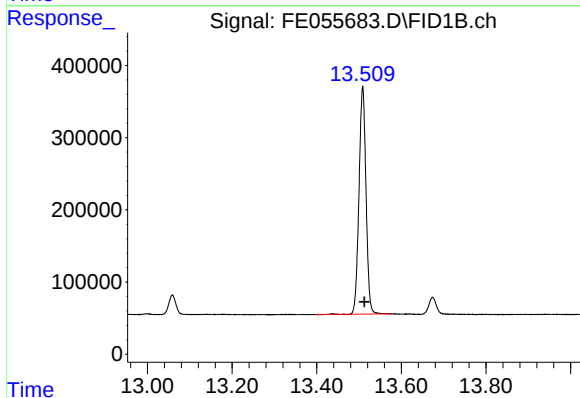
R.T.: 13.059 min
Delta R.T.: -0.006 min
Response: 316014
Conc: 2.20 ug/ml



#11 n-Heneicosane (C21)

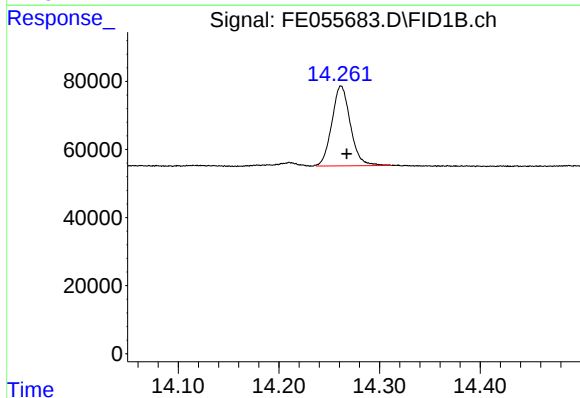
R.T.: 13.674 min
Delta R.T.: -0.005 min
Response: 279277
Conc: 1.96 ug/ml

Instrument :
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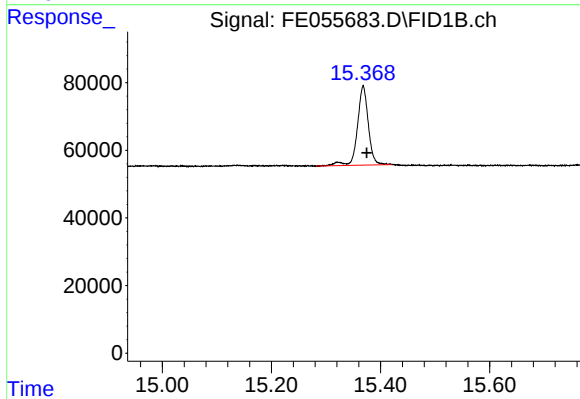
#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 3618004
Conc: 28.93 ug/ml



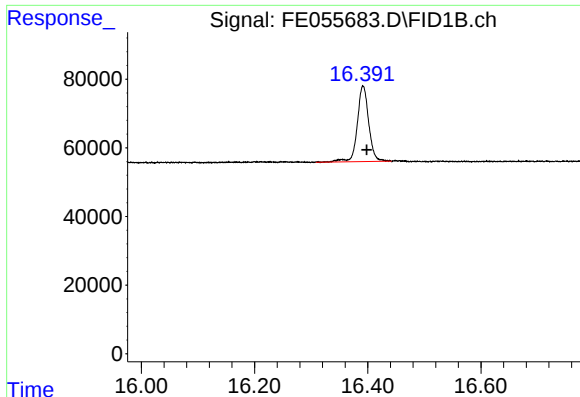
#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: -0.006 min
Response: 299653
Conc: 2.09 ug/ml



#14 n-Tetracosane (C24)

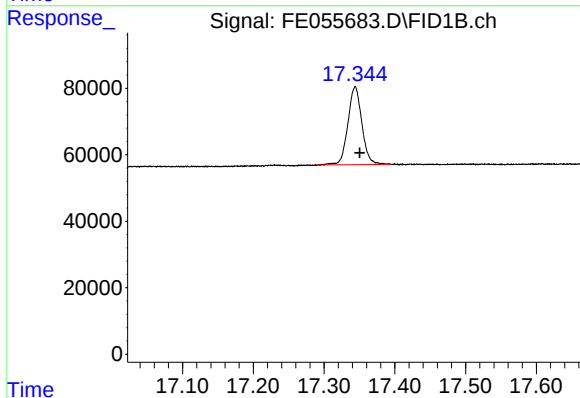
R.T.: 15.368 min
Delta R.T.: -0.006 min
Response: 324068
Conc: 2.24 ug/ml



#15 n-Hexacosane (C26)

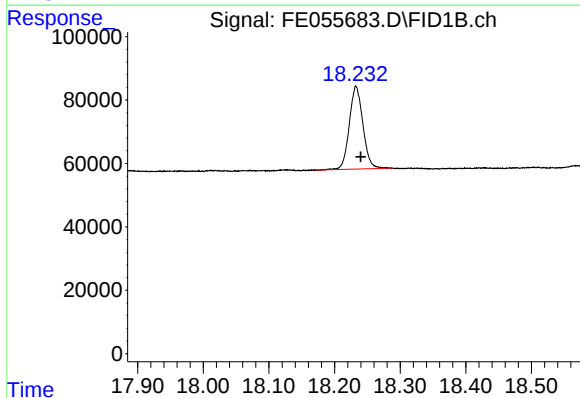
R.T.: 16.392 min
Delta R.T.: -0.007 min
Response: 306489
Conc: 2.15 ug/ml

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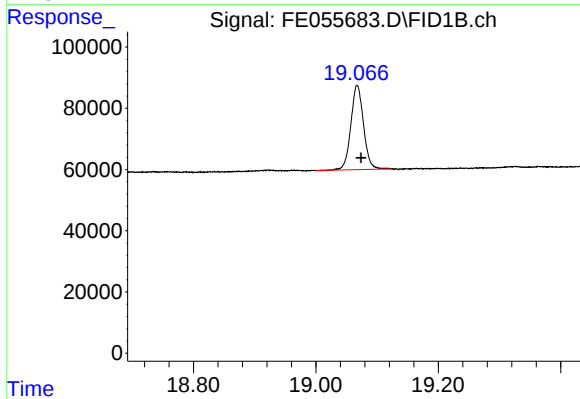
#16 n-Octacosane (C28)

R.T.: 17.344 min
Delta R.T.: -0.006 min
Response: 322061
Conc: 2.26 ug/ml



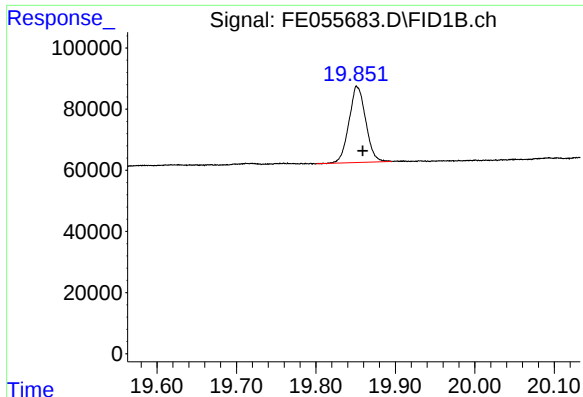
#17 n-Tricontane (C30)

R.T.: 18.233 min
Delta R.T.: -0.007 min
Response: 376428
Conc: 2.55 ug/ml



#18 n-Dotriacontane (C32)

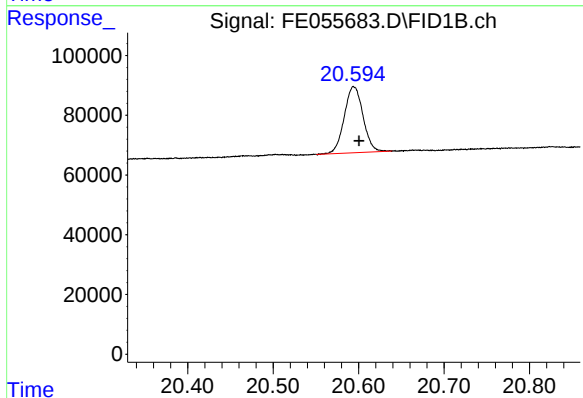
R.T.: 19.068 min
Delta R.T.: -0.006 min
Response: 396435
Conc: 2.70 ug/ml



#19 n-Tetratriacontane (C34)

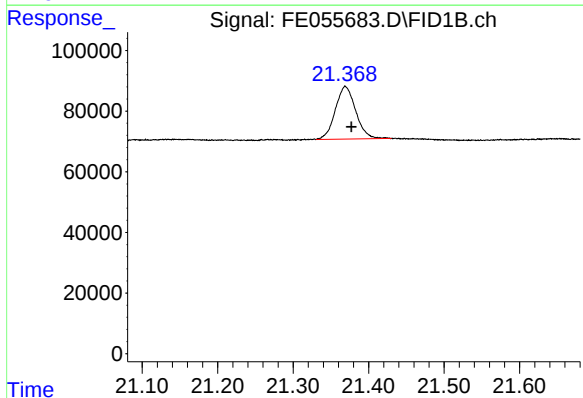
R.T.: 19.852 min
Delta R.T.: -0.007 min
Response: 364275
Conc: 2.58 ug/ml

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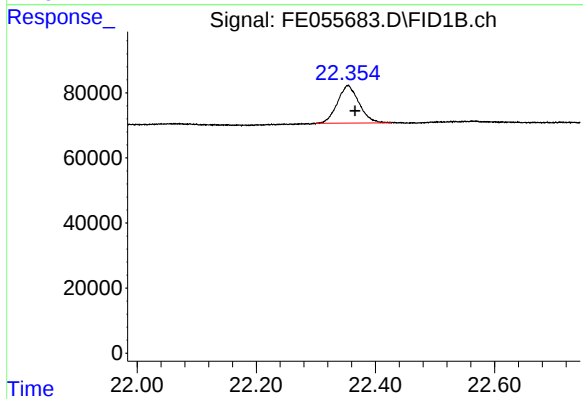
#20 n-Hexatriacontane (C36)

R.T.: 20.594 min
Delta R.T.: -0.006 min
Response: 337691
Conc: 2.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.008 min
Response: 325548
Conc: 2.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.354 min
Delta R.T.: -0.012 min
Response: 291295
Conc: 2.27 ug/ml