

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092225AL\
 Data File : FE055927.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2025 16:54
 Operator : YP\AJ
 Sample : PB169763BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169763BSD

Integration File: sample.E
 Quant Time: Sep 23 04:32:24 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...	13.512	4973937	39.777 ug/ml
Spiked Amount 50.000		Recovery =	79.55%
Target Compounds			
1) T n-Nonane (C9)	3.409	2735661	21.557 ug/ml
2) T n-Decane (C10)	4.669	3344689	26.110 ug/ml
4) T n-Dodecane (C12)	6.845	3995931	30.688 ug/ml
6) T n-Tetradecane (C14)	8.682	4639390	35.229 ug/ml
7) T n-Hexadecane (C16)	10.299	5470879	39.502 ug/ml
8) T n-Octadecane (C18)	11.749	6263916	42.945 ug/ml
10) T n-Eicosane (C20)	13.064	6945247	48.249 ug/ml
11) T n-Heneicosane (C21)	13.679	6725014	47.079 ug/ml
13) T n-Docosane (C22)	14.267	6645439	46.425 ug/ml
14) T n-Tetracosane (C24)	15.374	6425908	44.409 ug/ml
15) T n-Hexacosane (C26)	16.398	5916991	41.417 ug/ml
16) T n-Octacosane (C28)	17.350	5676178	39.906 ug/ml
17) T n-Tricontane (C30)	18.241	5809616	39.302 ug/ml
18) T n-Dotriacontane (C32)	19.076	5917394	40.316 ug/ml
19) T n-Tetratriacontane (C34)	19.861	6032870	42.700 ug/ml
20) T n-Hexatriacontane (C36)	20.603	6062086	45.940 ug/ml
21) T n-Octatriacontane (C38)	21.382	6132167	47.084 ug/ml
22) T n-Tetracontane (C40)	22.369	5782806	45.093 ug/ml

(f)=RT Delta > 1/2 Window

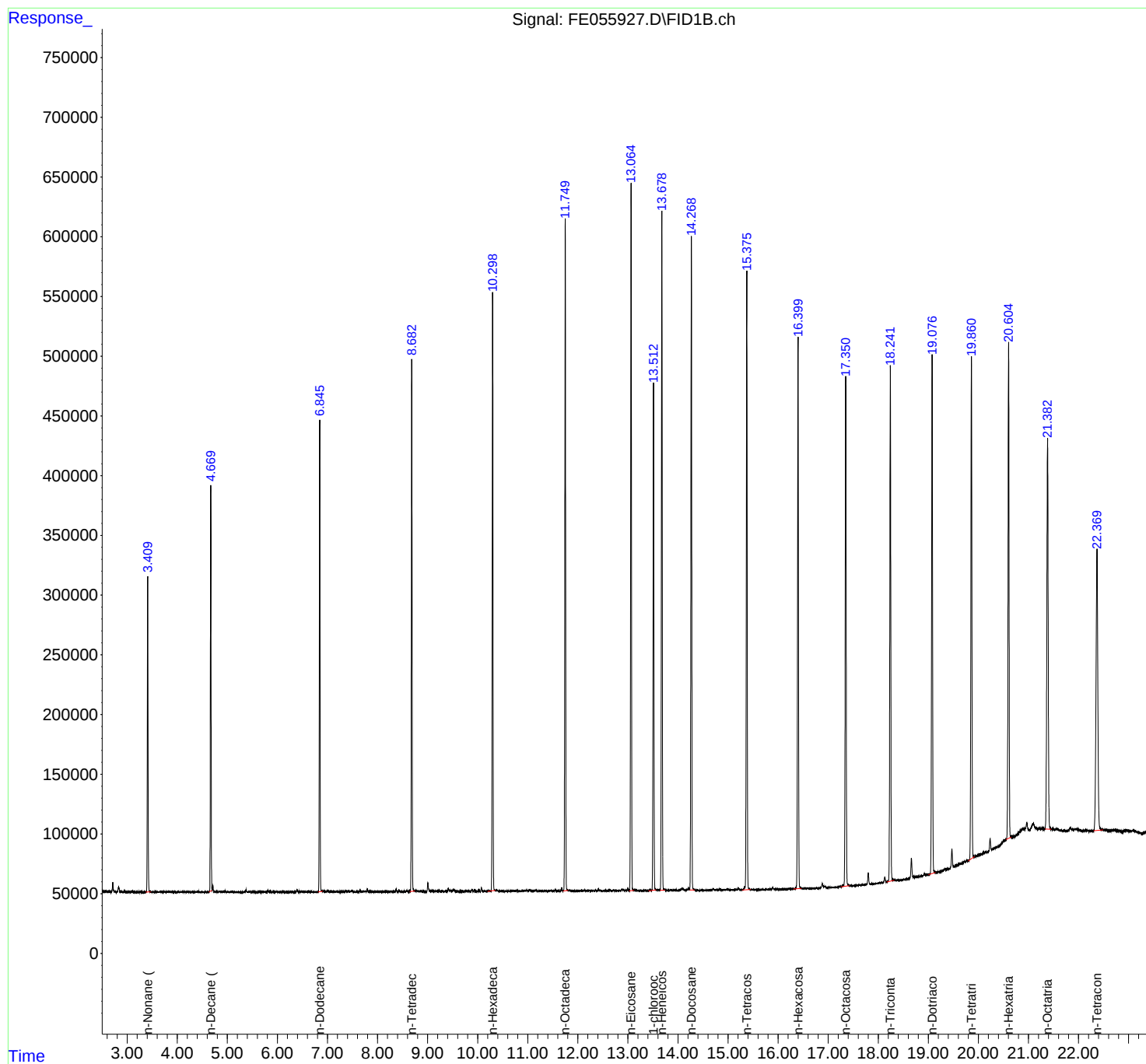
(m)=manual int.

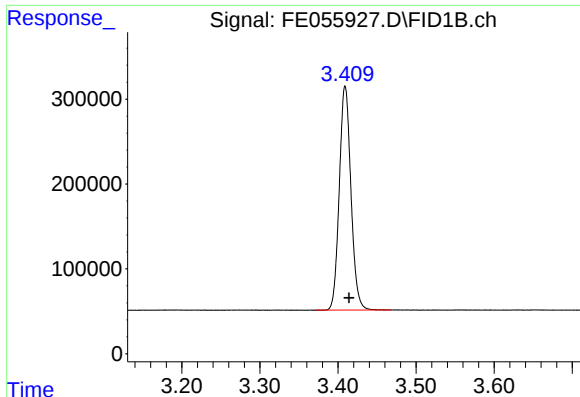
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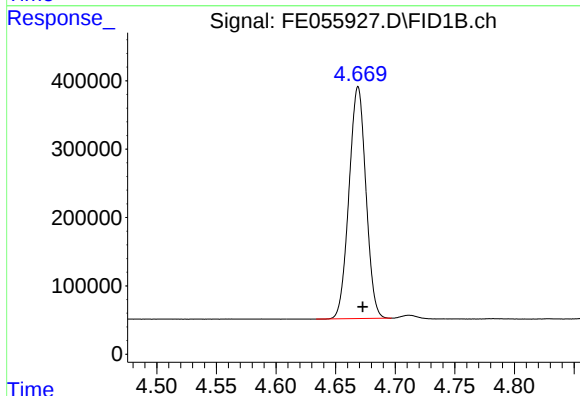




#1 n-Nonane (C9)

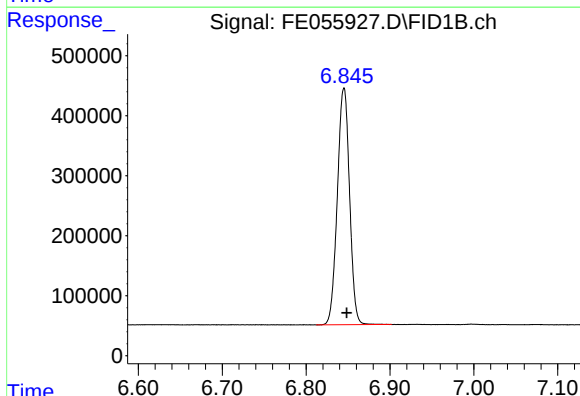
R.T.: 3.409 min
Delta R.T.: -0.005 min
Response: 2735661
Conc: 21.56 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169763BSD



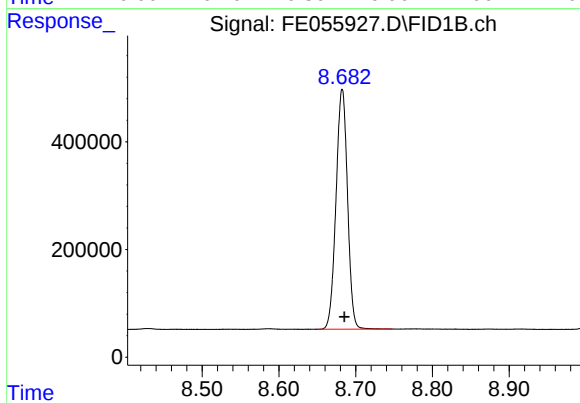
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 3344689
Conc: 26.11 ug/ml



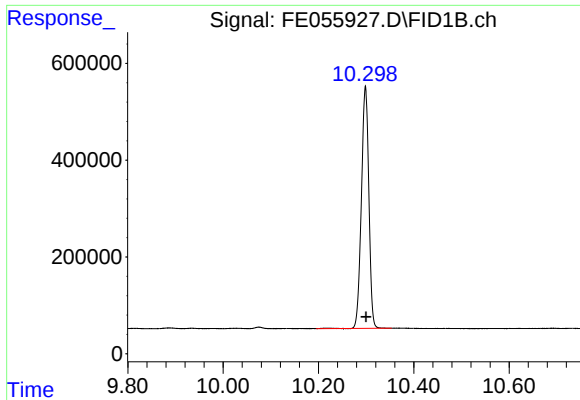
#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 3995931
Conc: 30.69 ug/ml



#6 n-Tetradecane (C14)

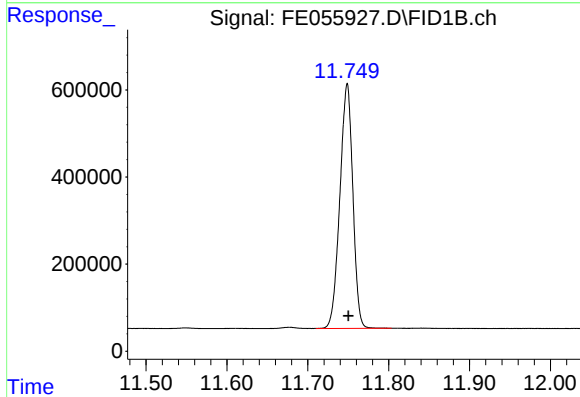
R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 4639390
Conc: 35.23 ug/ml



#7 n-Hexadecane (C16)

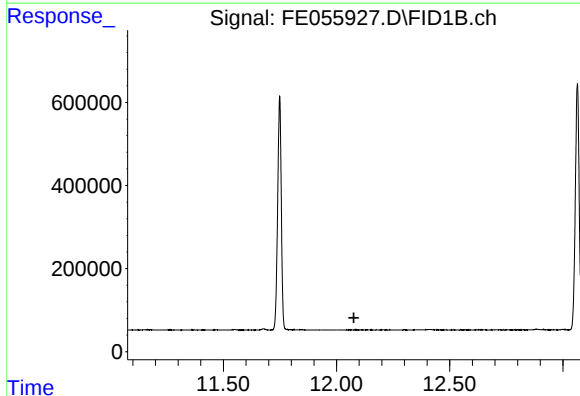
R.T.: 10.299 min
Delta R.T.: -0.002 min
Response: 5470879
Conc: 39.50 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169763BSD



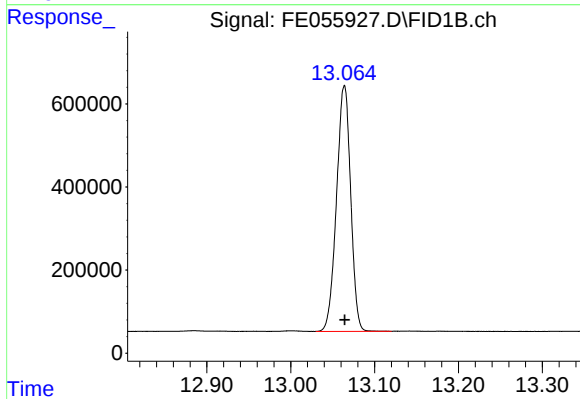
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: -0.002 min
Response: 6263916
Conc: 42.94 ug/ml



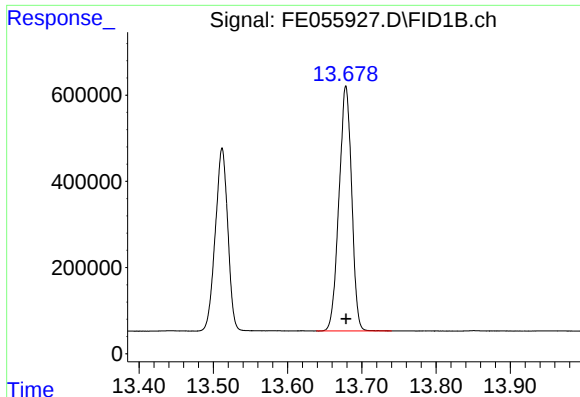
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

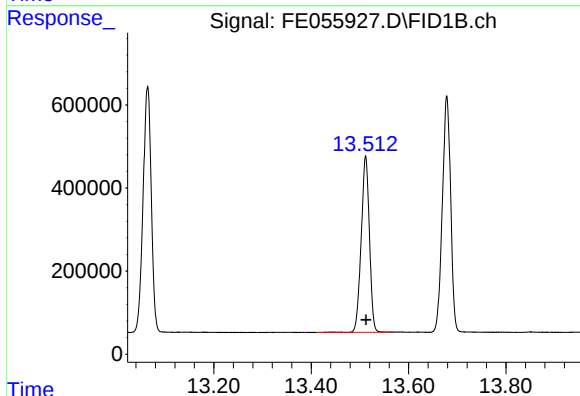
R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 6945247
Conc: 48.25 ug/ml



#11 n-Heneicosane (C21)

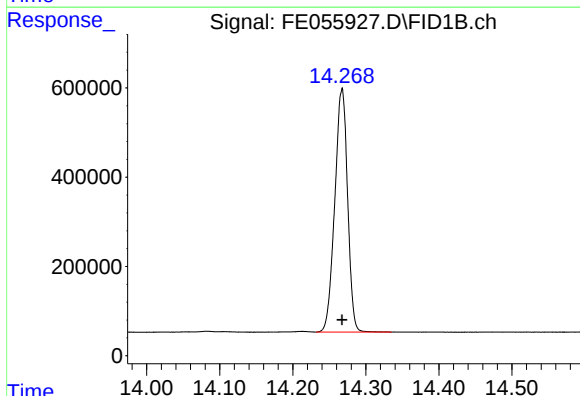
R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 6725014
Conc: 47.08 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169763BSD



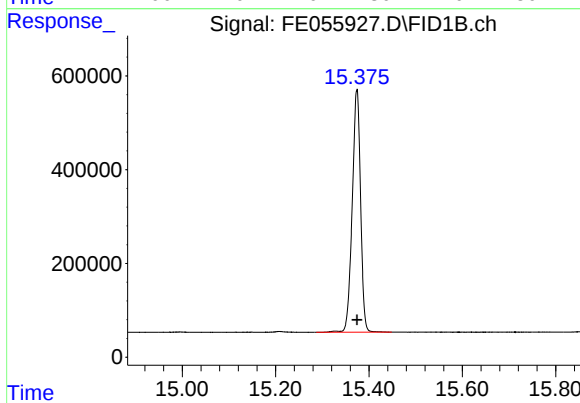
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 4973937
Conc: 39.78 ug/ml



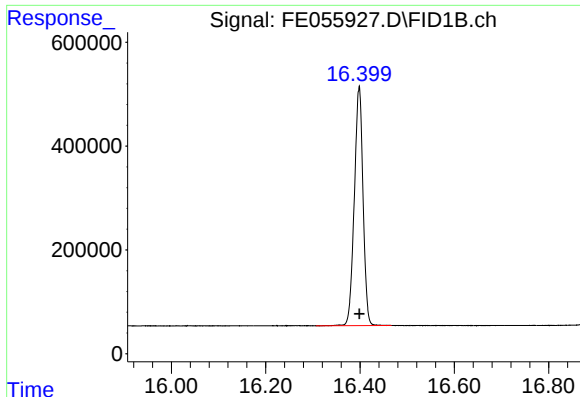
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 6645439
Conc: 46.42 ug/ml



#14 n-Tetracosane (C24)

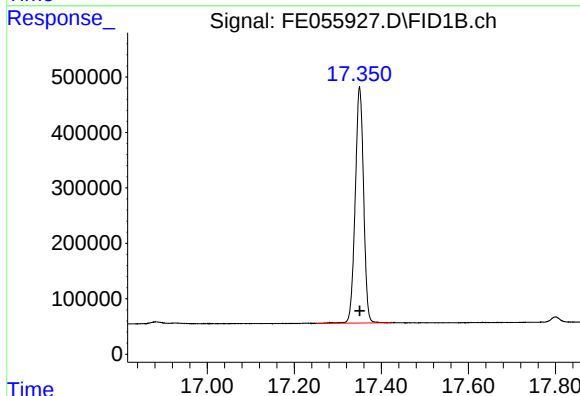
R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 6425908
Conc: 44.41 ug/ml



#15 n-Hexacosane (C26)

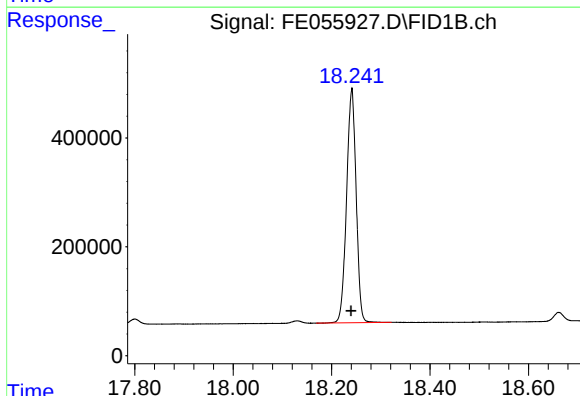
R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 5916991
Conc: 41.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169763BSD



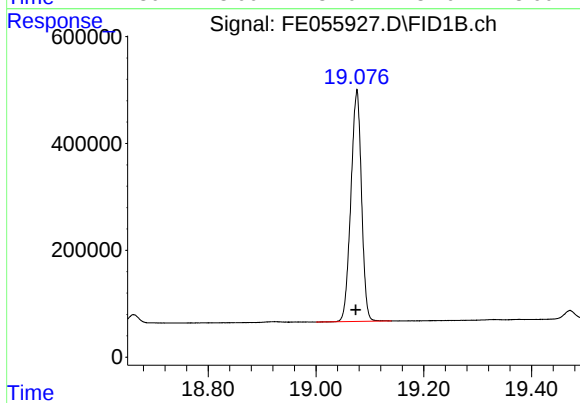
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 5676178
Conc: 39.91 ug/ml



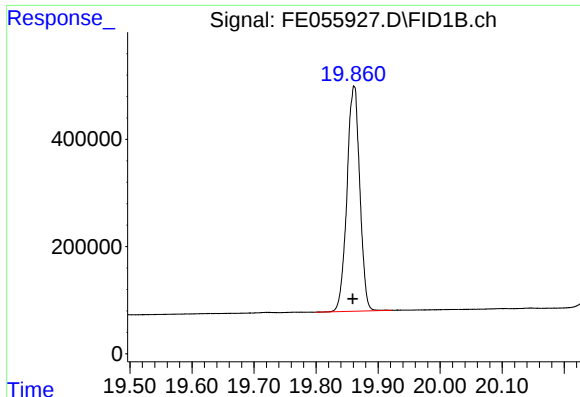
#17 n-Tricontane (C30)

R.T.: 18.241 min
Delta R.T.: 0.001 min
Response: 5809616
Conc: 39.30 ug/ml



#18 n-Dotriacontane (C32)

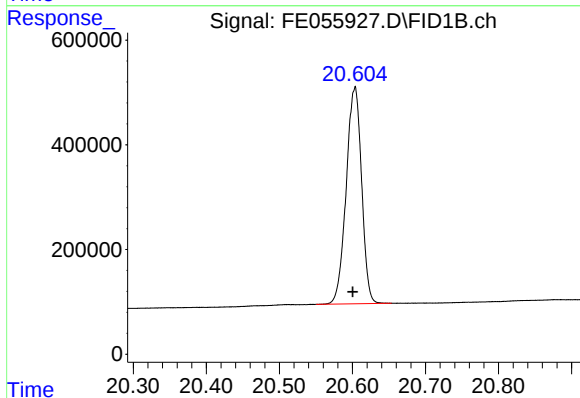
R.T.: 19.076 min
Delta R.T.: 0.002 min
Response: 5917394
Conc: 40.32 ug/ml



#19 n-Tetratriacontane (C34)

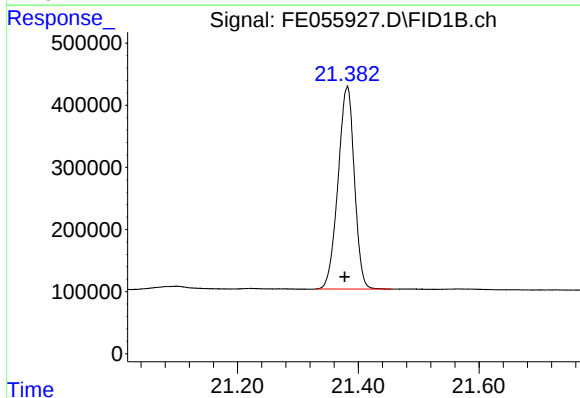
R.T.: 19.861 min
Delta R.T.: 0.002 min
Response: 6032870
Conc: 42.70 ug/ml

Instrument :
FID_E
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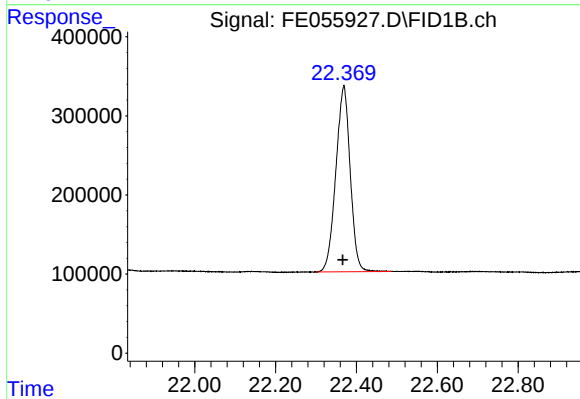
#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: 0.003 min
Response: 6062086
Conc: 45.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: 0.004 min
Response: 6132167
Conc: 47.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.369 min
Delta R.T.: 0.003 min
Response: 5782806
Conc: 45.09 ug/ml