

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069636.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 12:34
 Operator : YP/AJ
 Sample : PB169209BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169209BS

Integration File: autoint1.e
 Quant Time: Aug 13 01:15:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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...	13.103	4990692	45.776 ug/ml
Spiked Amount 50.000		Recovery =	91.55%
Target Compounds			
1) T n-Nonane (C9)	3.396	3273808	22.979 ug/ml
2) T n-Decane (C10)	4.470	4368409	30.048 ug/ml
4) T n-Dodecane (C12)	6.496	5287303	36.169 ug/ml
6) T n-Tetradecane (C14)	8.296	5806783	40.689 ug/ml
7) T n-Hexadecane (C16)	9.900	6008758	41.681 ug/ml
8) T n-Octadecane (C18)	11.345	6064340	42.884 ug/ml
10) T n-Eicosane (C20)	12.657	6419465	48.733 ug/ml
11) T n-Heneicosane (C21)	13.270	6106100	47.875 ug/ml
13) T n-Docosane (C22)	13.857	6025633	48.236 ug/ml
14) T n-Tetracosane (C24)	14.963	5817929	48.213 ug/ml
15) T n-Hexacosane (C26)	15.984	5560715	48.124 ug/ml
16) T n-Octacosane (C28)	16.936	5397795	48.156 ug/ml
17) T n-Tricontane (C30)	17.825	5426363	47.393 ug/ml
18) T n-Dotriacontane (C32)	18.658	5345998	48.127 ug/ml
19) T n-Tetratriacontane (C34)	19.443	5162355	50.699 ug/ml
20) T n-Hexatriacontane (C36)	20.186	4861513	54.523 ug/ml
21) T n-Octatriacontane (C38)	20.952	4697052	58.390 ug/ml
22) T n-Tetracontane (C40)	21.914	4538390	60.607 ug/ml

(f)=RT Delta > 1/2 Window

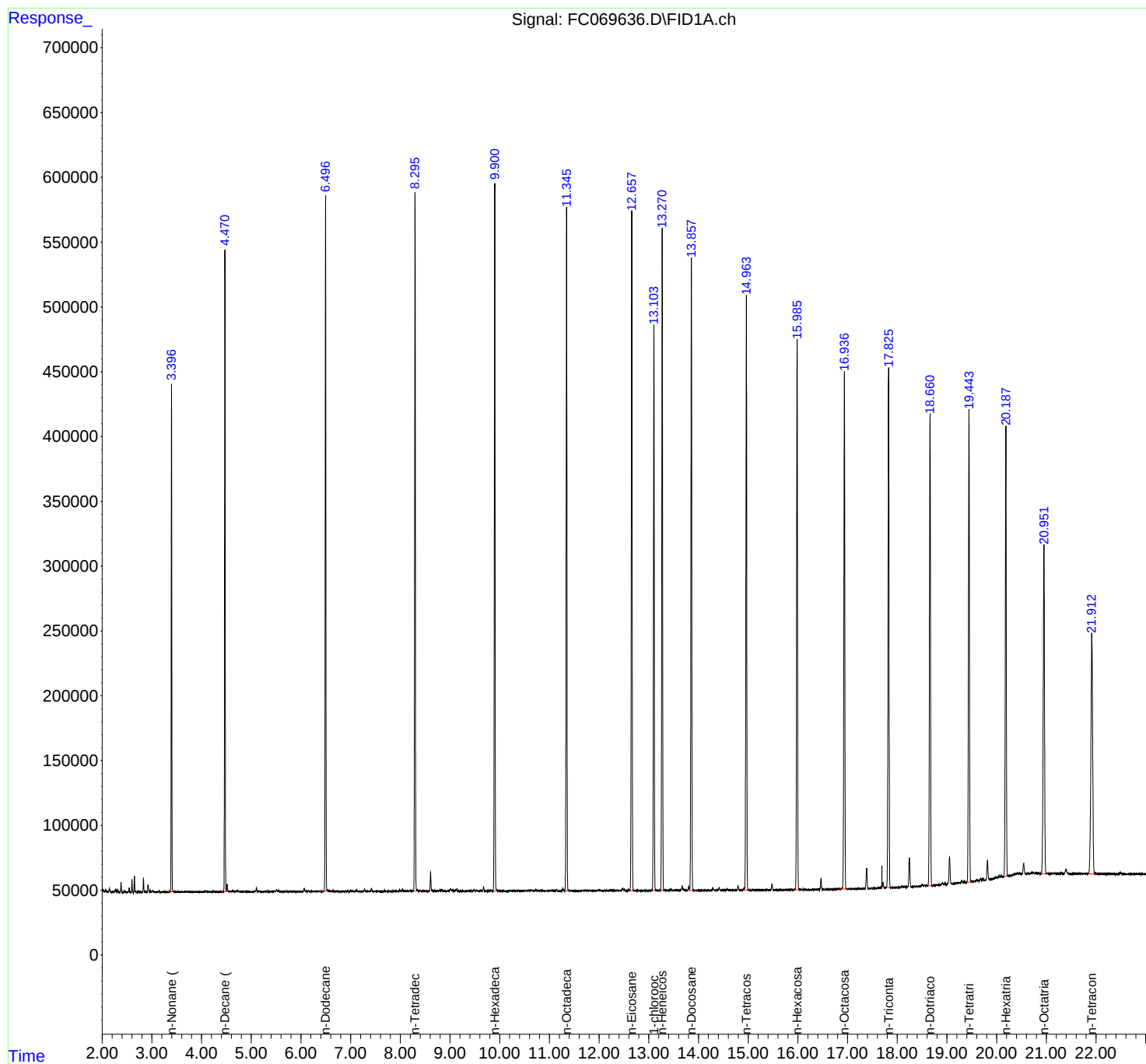
(m)=manual int.

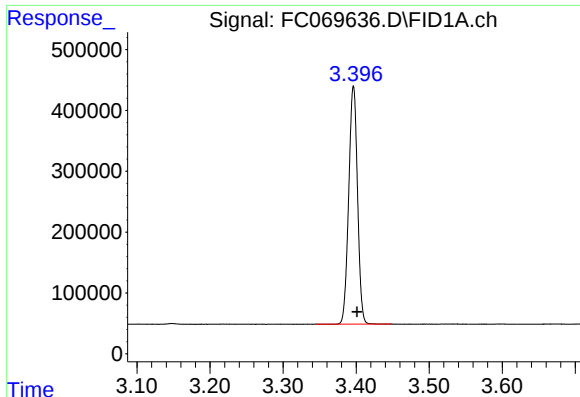
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
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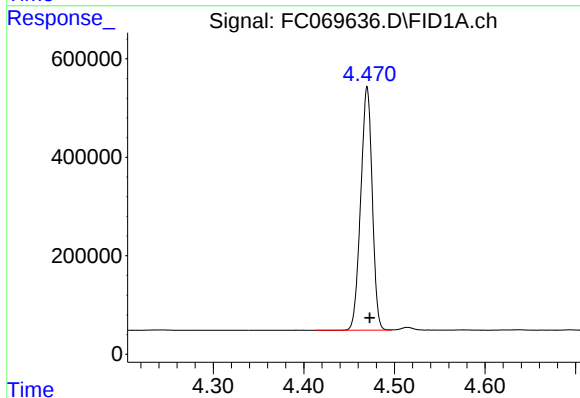




#1 n-Nonane (C9)

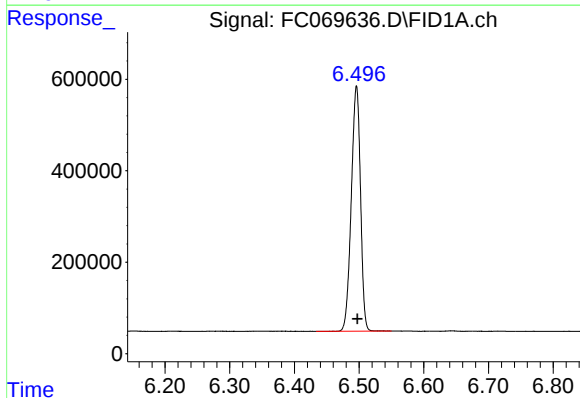
R.T.: 3.396 min
Delta R.T.: -0.005 min
Response: 3273808
Conc: 22.98 ug/ml

Instrument :
FID_C
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PB169209BS



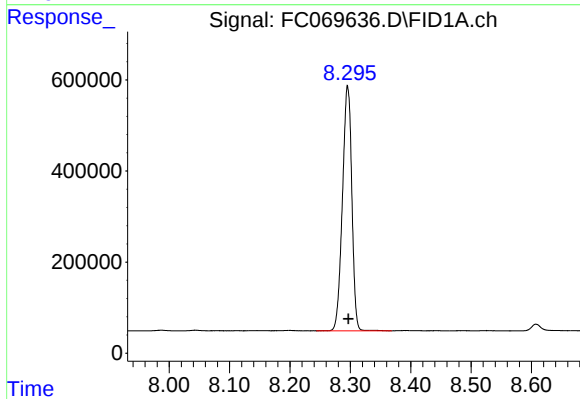
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 4368409
Conc: 30.05 ug/ml



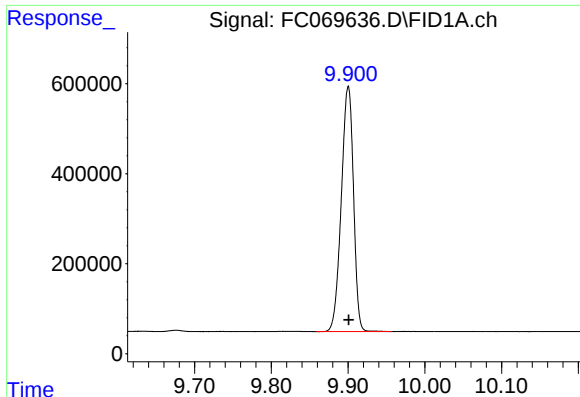
#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: -0.001 min
Response: 5287303
Conc: 36.17 ug/ml



#6 n-Tetradecane (C14)

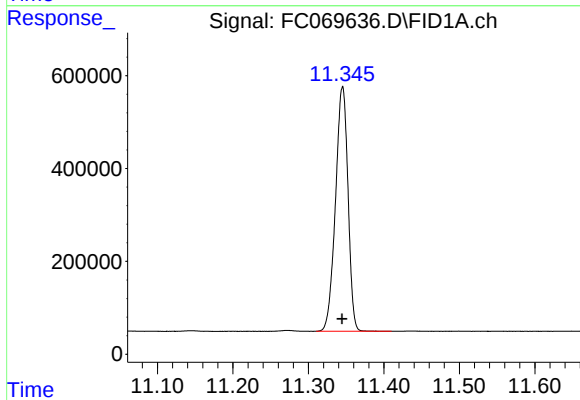
R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 5806783
Conc: 40.69 ug/ml



#7 n-Hexadecane (C16)

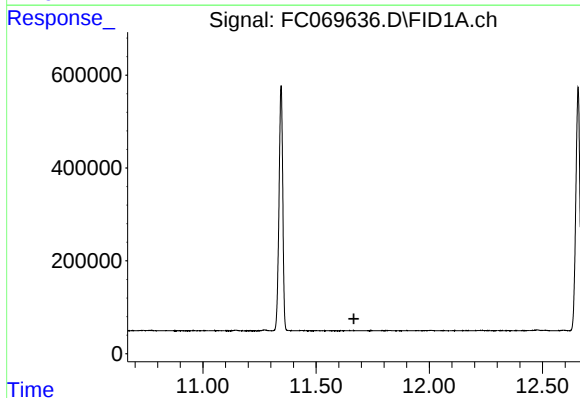
R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 6008758
Conc: 41.68 ug/ml

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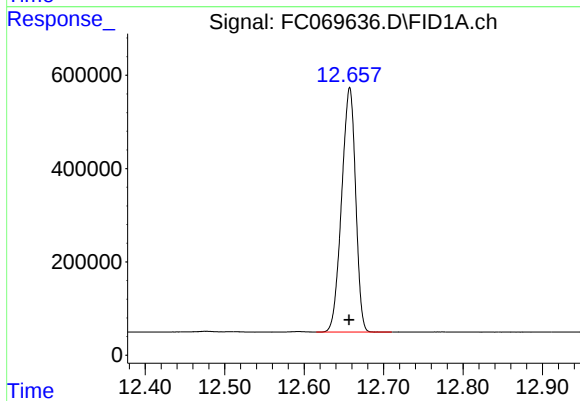
#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 6064340
Conc: 42.88 ug/ml



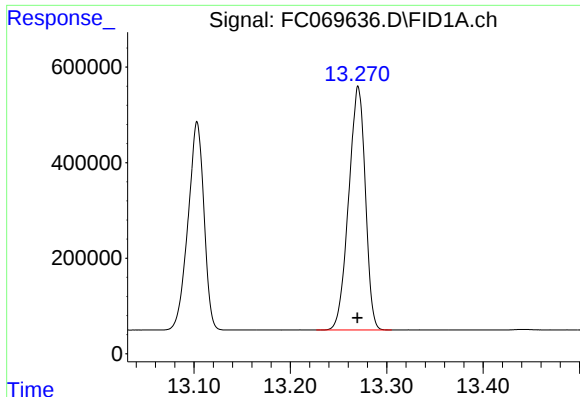
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.667 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

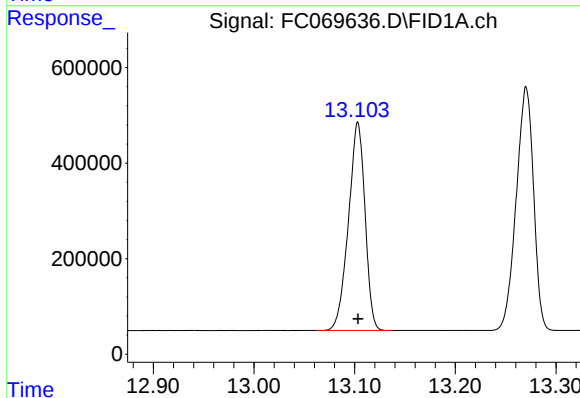
R.T.: 12.657 min
Delta R.T.: 0.000 min
Response: 6419465
Conc: 48.73 ug/ml



#11 n-Heneicosane (C21)

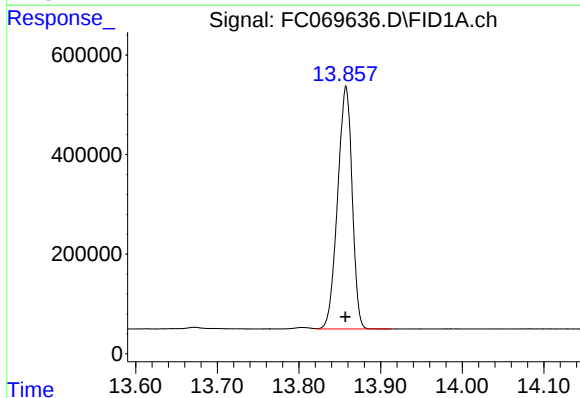
R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 6106100
Conc: 47.87 ug/ml

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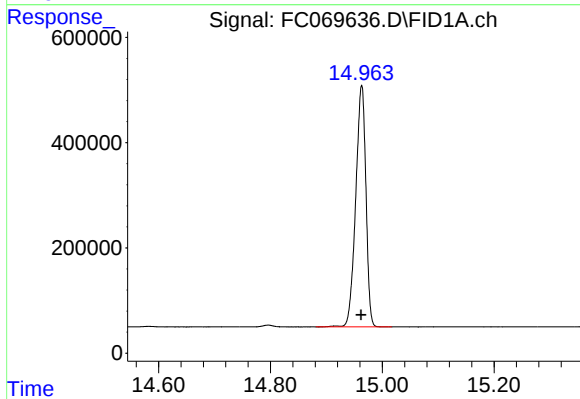
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 4990692
Conc: 45.78 ug/ml



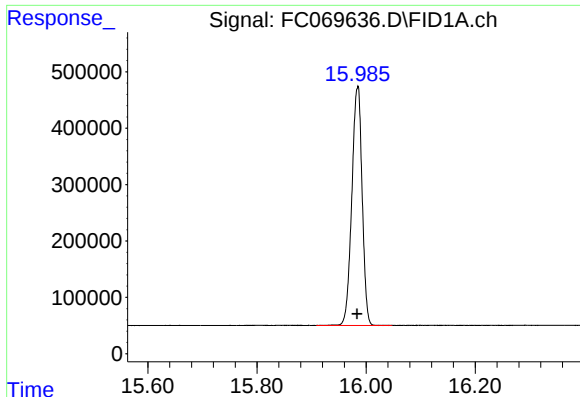
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 6025633
Conc: 48.24 ug/ml



#14 n-Tetracosane (C24)

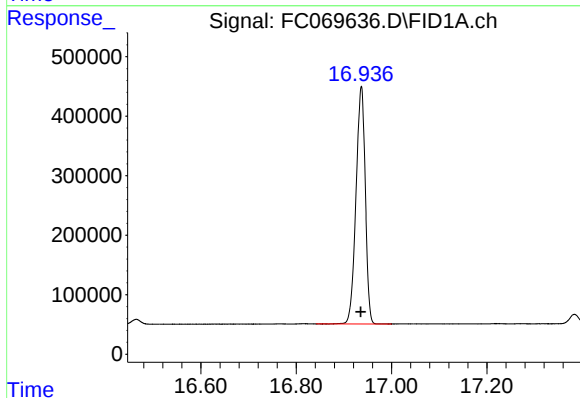
R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 5817929
Conc: 48.21 ug/ml



#15 n-Hexacosane (C26)

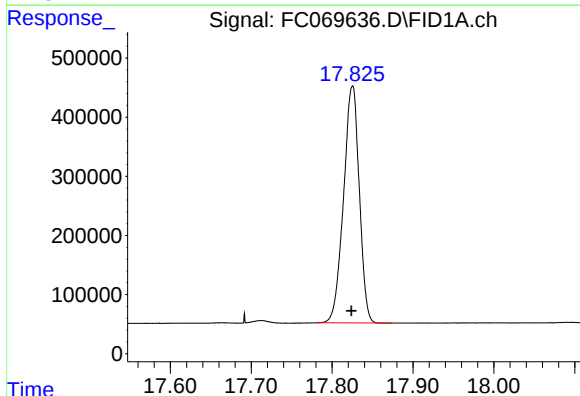
R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 5560715
Conc: 48.12 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169209BS



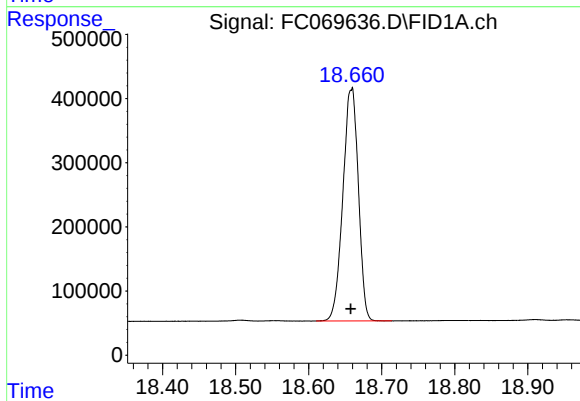
#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: 0.001 min
Response: 5397795
Conc: 48.16 ug/ml



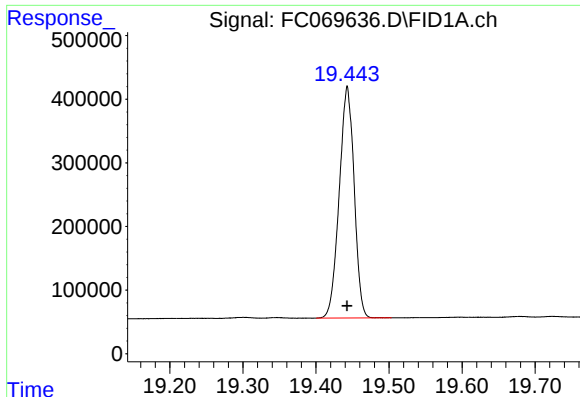
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: 0.001 min
Response: 5426363
Conc: 47.39 ug/ml



#18 n-Dotriacontane (C32)

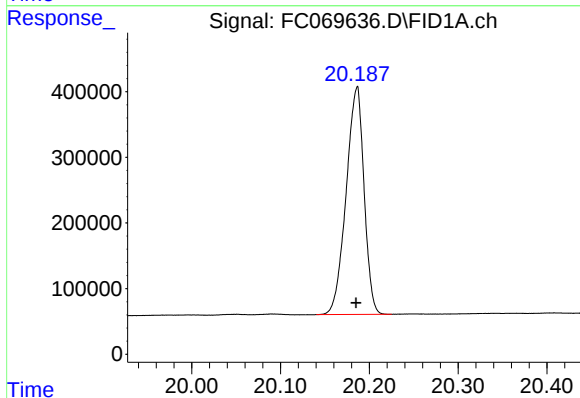
R.T.: 18.658 min
Delta R.T.: 0.000 min
Response: 5345998
Conc: 48.13 ug/ml



#19 n-Tetratriacontane (C34)

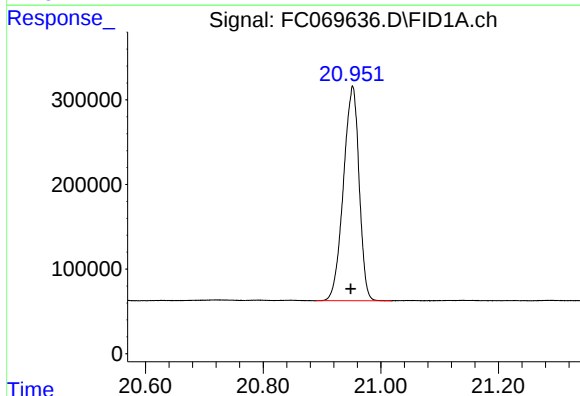
R.T.: 19.443 min
Delta R.T.: 0.000 min
Response: 5162355
Conc: 50.70 ug/ml

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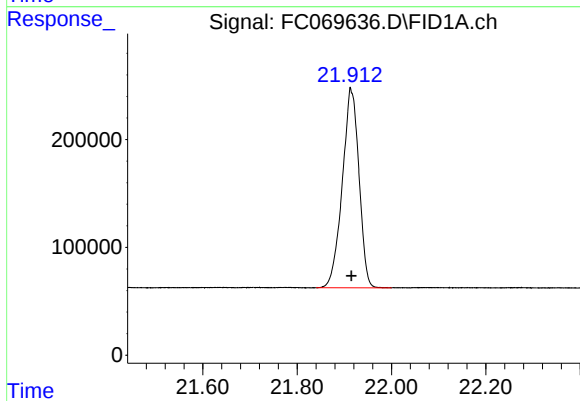
#20 n-Hexatriacontane (C36)

R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 4861513
Conc: 54.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.003 min
Response: 4697052
Conc: 58.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: 0.000 min
Response: 4538390
Conc: 60.61 ug/ml