

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062525AL\
 Data File : FC069279.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 11:24
 Operator : YP/AJ
 Sample : PB168603BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168603BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e
 Quant Time: Jun 26 05:16:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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...	13.115	5832829	44.647 ug/ml
Spiked Amount 50.000		Recovery =	89.29%
Target Compounds			
1) T n-Nonane (C9)	3.410	3513752	24.707 ug/ml
2) T n-Decane (C10)	4.482	4713620	32.198 ug/ml
4) T n-Dodecane (C12)	6.507	5876195	38.806 ug/ml
6) T n-Tetradecane (C14)	8.307	6605503	42.615 ug/ml
7) T n-Hexadecane (C16)	9.912	6943841	42.492 ug/ml
8) T n-Octadecane (C18)	11.357	7025927	43.032 ug/ml
10) T n-Eicosane (C20)	12.669	7424858	48.643 ug/ml
11) T n-Heneicosane (C21)	13.283	7068750	47.959 ug/ml
13) T n-Docosane (C22)	13.870	6951037	48.311 ug/ml
14) T n-Tetracosane (C24)	14.974	6676145	48.402 ug/ml
15) T n-Hexacosane (C26)	15.996	6344751	48.536 ug/ml
16) T n-Octacosane (C28)	16.948	6029156	48.887 ug/ml
17) T n-Tricontane (C30)	17.837	5785895	48.669 ug/ml
18) T n-Dotriacontane (C32)	18.671	5501737	50.319 ug/ml
19) T n-Tetratriacontane (C34)	19.456	5164855	53.485 ug/ml
20) T n-Hexatriacontane (C36)	20.197	4821815	58.508 ug/ml
21) T n-Octatriacontane (C38)	20.965	4669635	62.486 ug/ml
22) T n-Tetracontane (C40)	21.927	4549438	64.243 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB168603BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

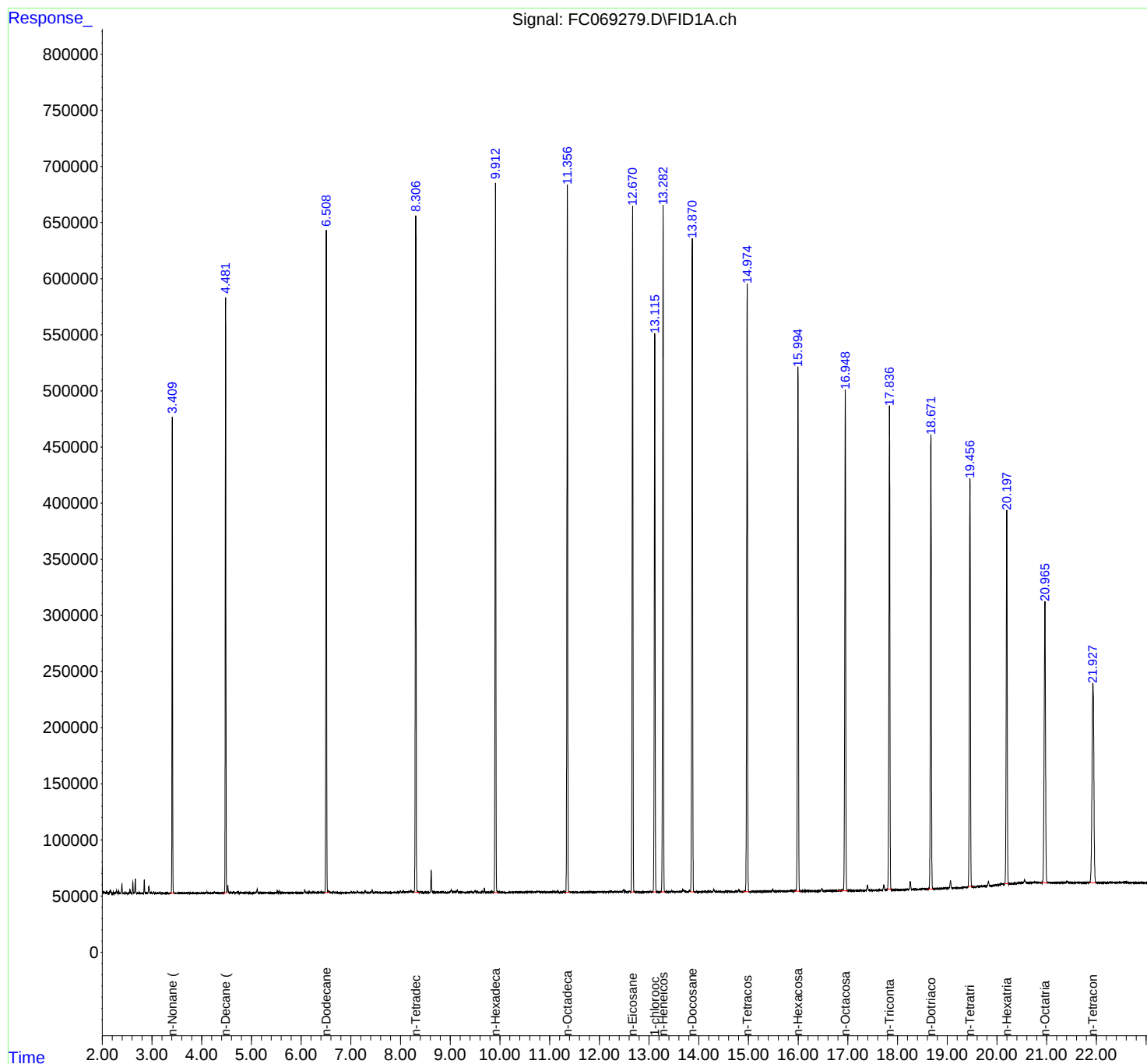
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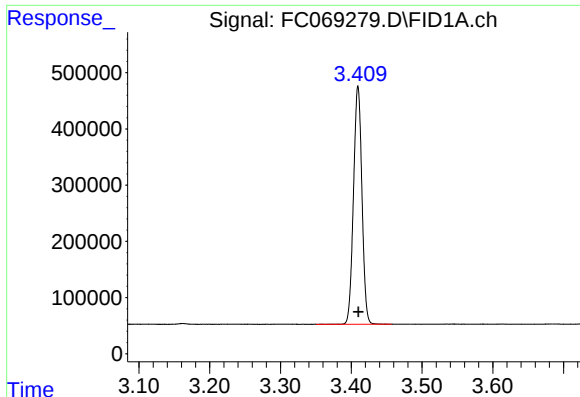
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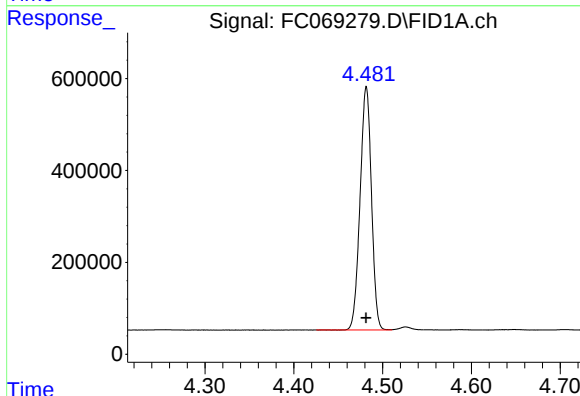
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 3513752
Conc: 24.71 ug/ml

Instrument :
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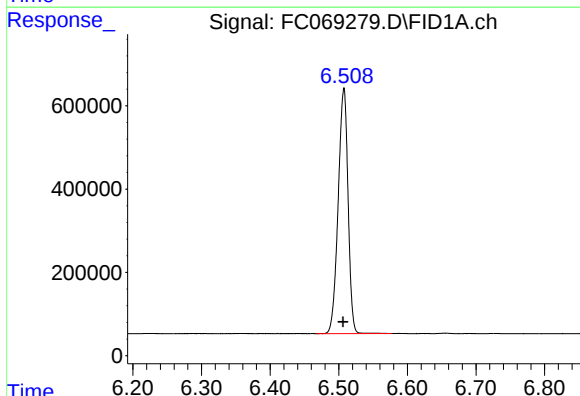
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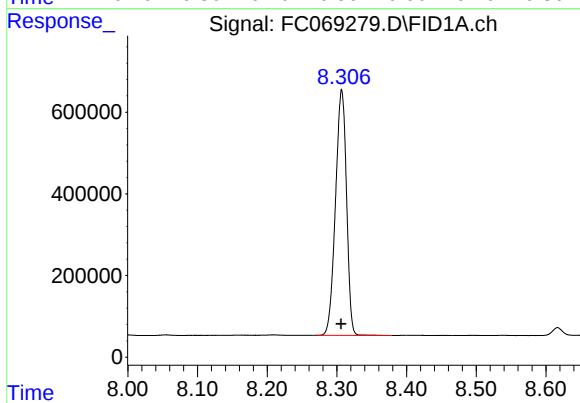
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 4713620
Conc: 32.20 ug/ml



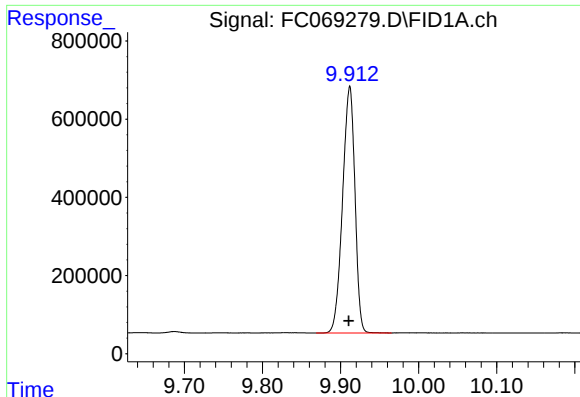
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: 0.001 min
Response: 5876195
Conc: 38.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 6605503
Conc: 42.61 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 6943841
Conc: 42.49 ug/ml

Instrument :

FID_C

ClientSampleId :

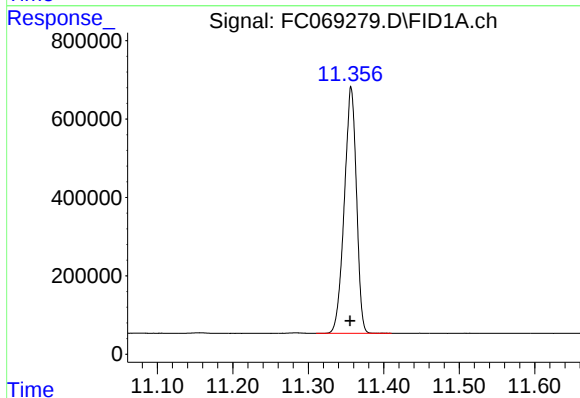
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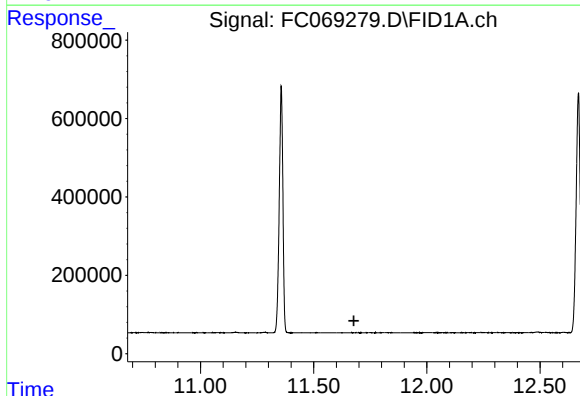
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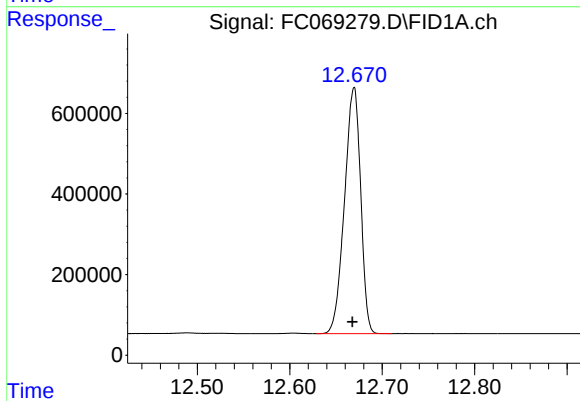
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.001 min
Response: 7025927
Conc: 43.03 ug/ml



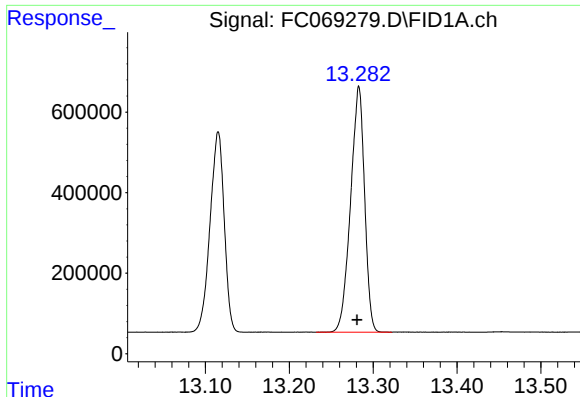
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.678 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.001 min
Response: 7424858
Conc: 48.64 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.002 min
Response: 7068750
Conc: 47.96 ug/ml

Instrument :

FID_C

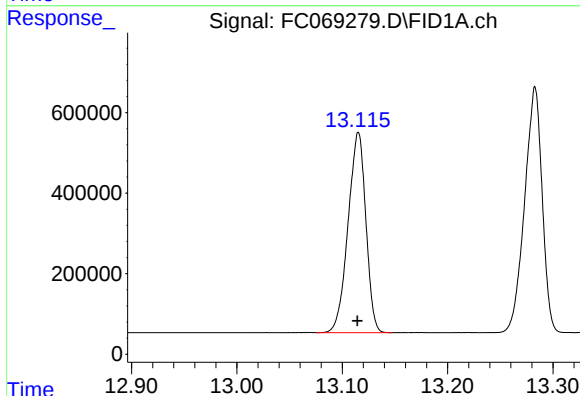
ClientSampleId :

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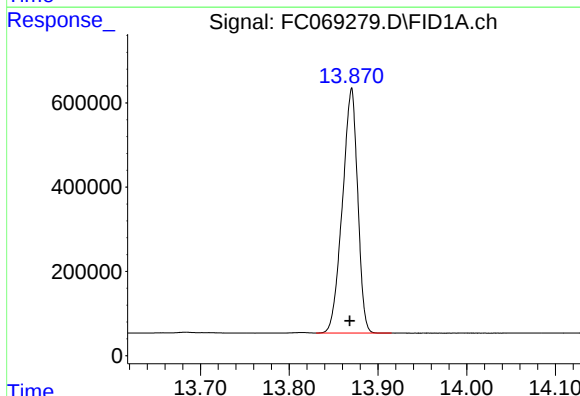
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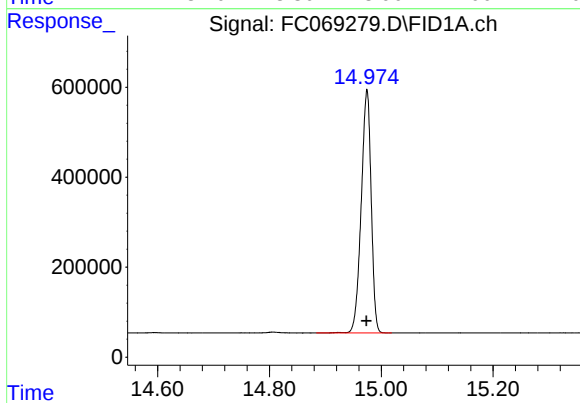
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 5832829
Conc: 44.65 ug/ml



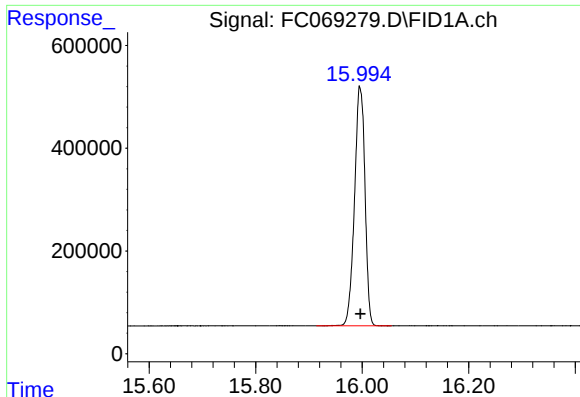
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 6951037
Conc: 48.31 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.000 min
Response: 6676145
Conc: 48.40 ug/ml



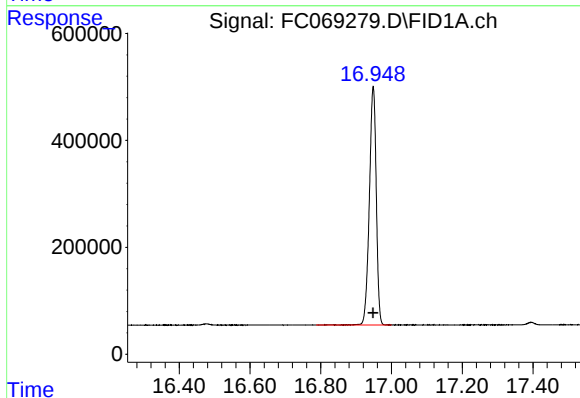
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 6344751
Conc: 48.54 ug/ml

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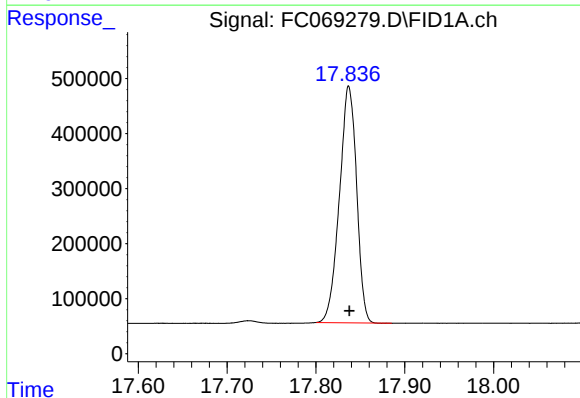
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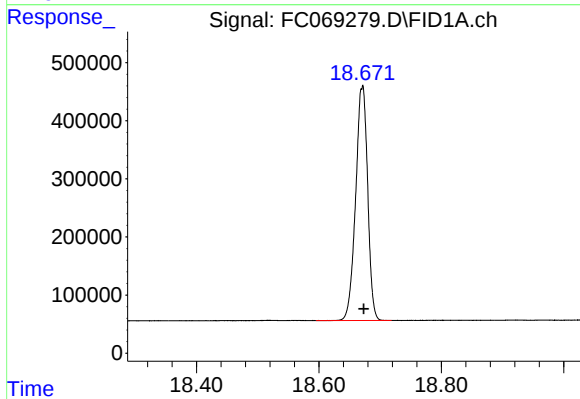
#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 6029156
Conc: 48.89 ug/ml



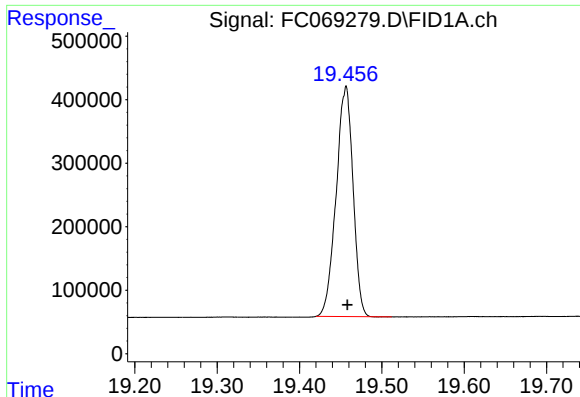
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 5785895
Conc: 48.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 5501737
Conc: 50.32 ug/ml



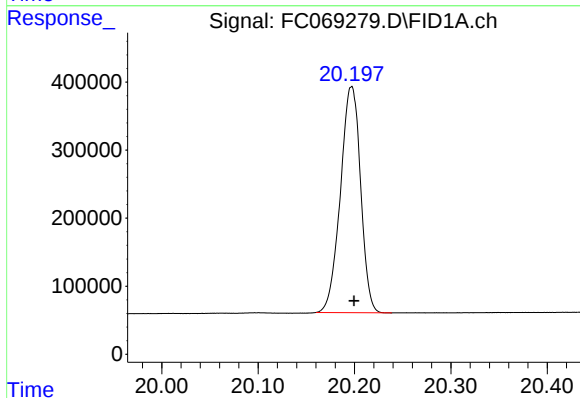
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.002 min
Response: 5164855
Conc: 53.49 ug/ml

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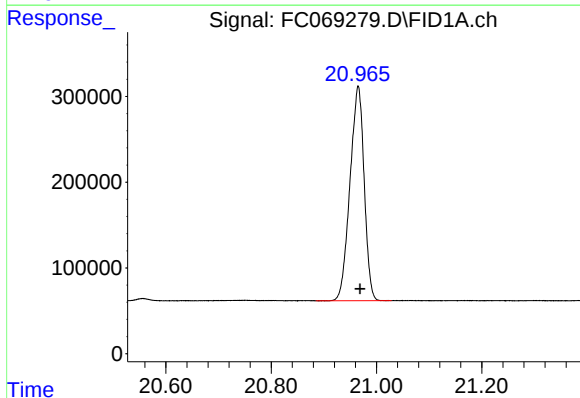
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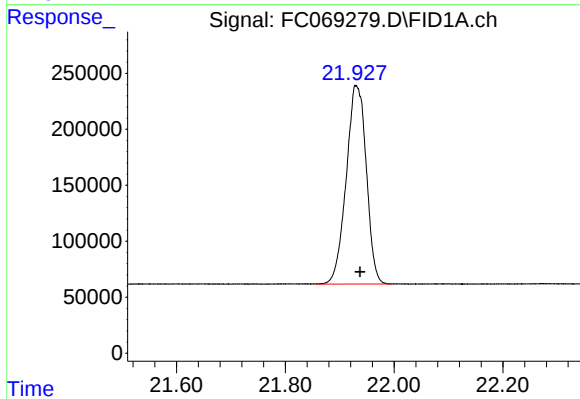
#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 4821815
Conc: 58.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: -0.004 min
Response: 4669635
Conc: 62.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.010 min
Response: 4549438
Conc: 64.24 ug/ml m