

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062525AL\
 Data File : FC069280.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 12:06
 Operator : YP/AJ
 Sample : PB168603BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168603BSD

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 05:17:00 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	5781203	44.252 ug/ml
Spiked Amount 50.000		Recovery =	88.50%
Target Compounds			
1) T n-Nonane (C9)	3.409	3481292	24.478 ug/ml
2) T n-Decane (C10)	4.481	4687477	32.019 ug/ml
4) T n-Dodecane (C12)	6.507	5829013	38.494 ug/ml
6) T n-Tetradecane (C14)	8.307	6582194	42.464 ug/ml
7) T n-Hexadecane (C16)	9.912	6892832	42.180 ug/ml
8) T n-Octadecane (C18)	11.357	6971114	42.697 ug/ml
10) T n-Eicosane (C20)	12.669	7361238	48.226 ug/ml
11) T n-Heneicosane (C21)	13.283	7006984	47.540 ug/ml
13) T n-Docosane (C22)	13.870	6894004	47.914 ug/ml
14) T n-Tetracosane (C24)	14.974	6621786	48.008 ug/ml
15) T n-Hexacosane (C26)	15.996	6303680	48.222 ug/ml
16) T n-Octacosane (C28)	16.948	6024349	48.848 ug/ml
17) T n-Tricontane (C30)	17.837	5812207	48.890 ug/ml
18) T n-Dotriacontane (C32)	18.671	5544833	50.713 ug/ml
19) T n-Tetratriacontane (C34)	19.456	5214801	54.002 ug/ml
20) T n-Hexatriacontane (C36)	20.198	4859898	58.970 ug/ml
21) T n-Octatriacontane (C38)	20.966	4694734	62.822 ug/ml
22) T n-Tetracontane (C40)	21.933	4575903	64.617 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168603BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

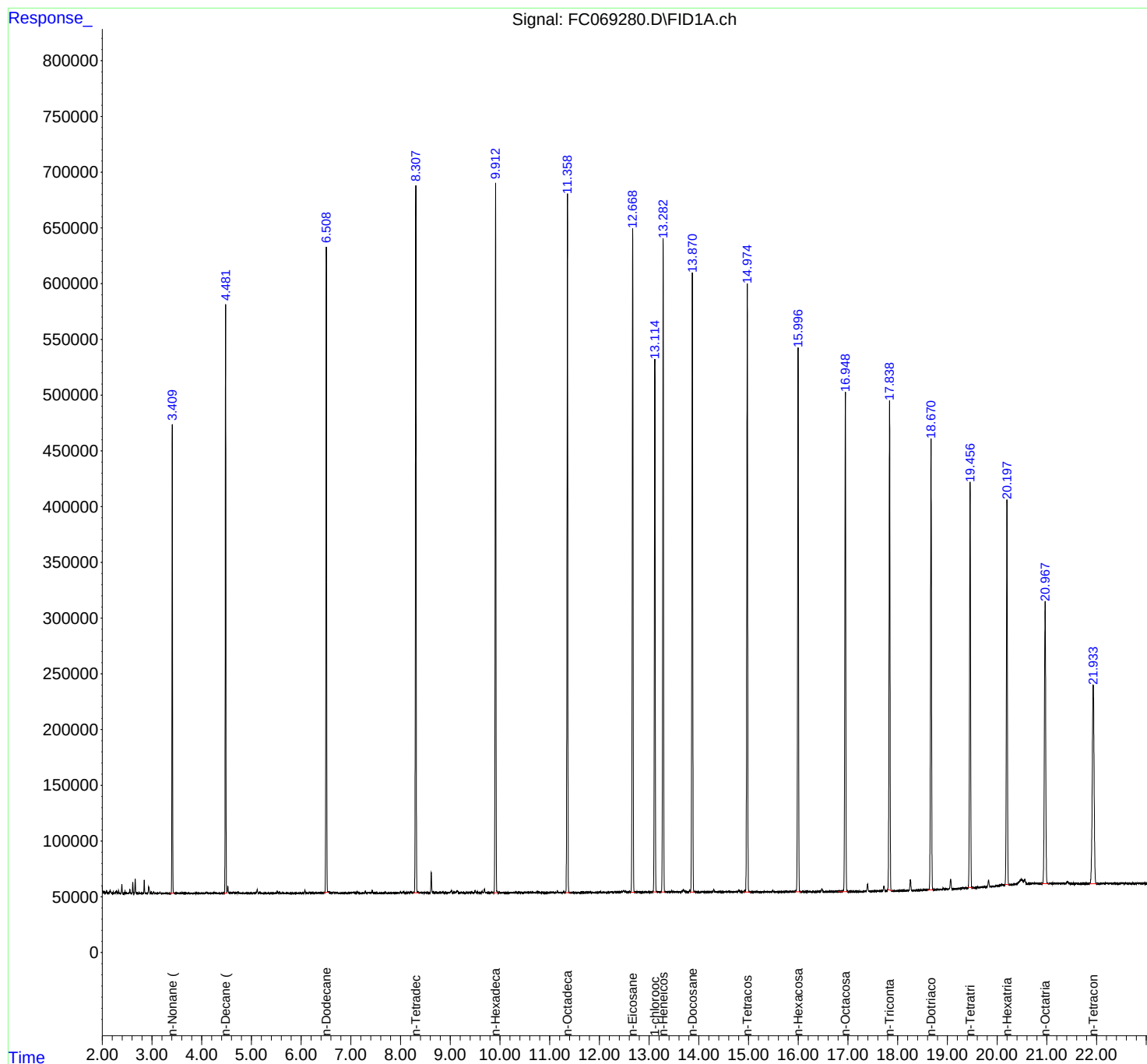
Instrument :
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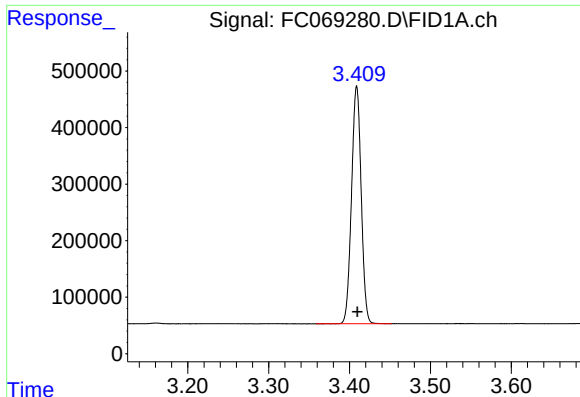
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.001 min
Response: 3481292
Conc: 24.48 ug/ml

Instrument :

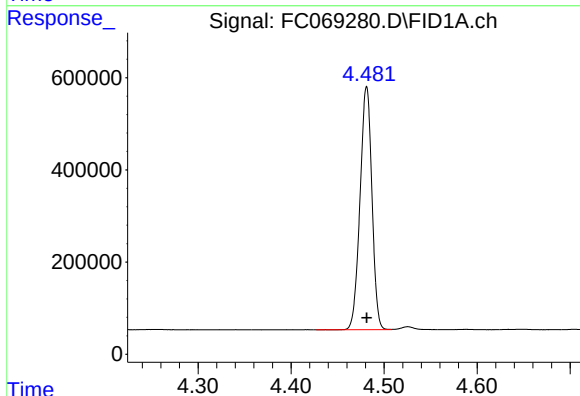
FID_C

ClientSampleId :

PB168603BSD

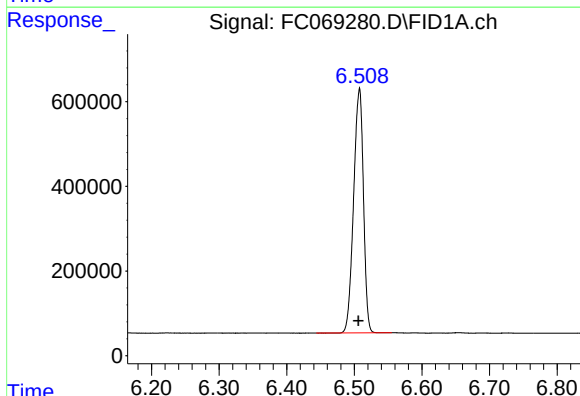
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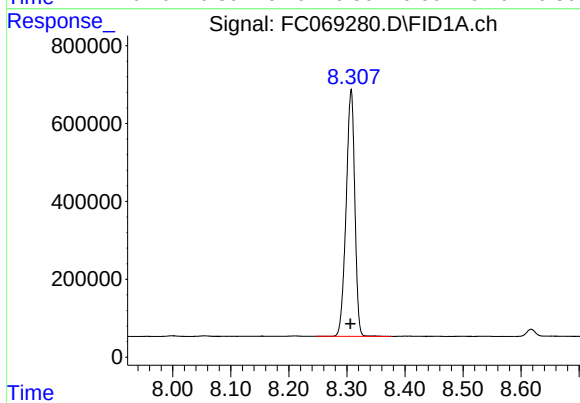
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 4687477
Conc: 32.02 ug/ml



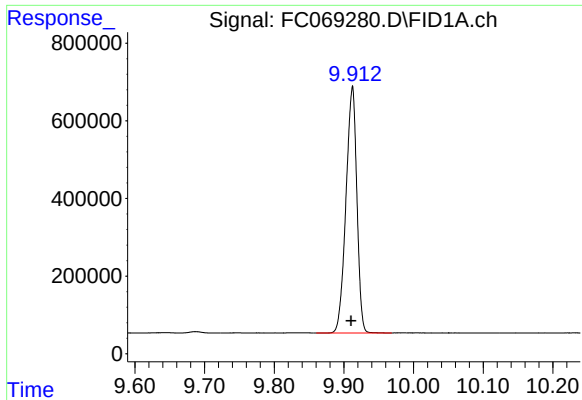
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 5829013
Conc: 38.49 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.001 min
Response: 6582194
Conc: 42.46 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.001 min
Response: 6892832
Conc: 42.18 ug/ml

Instrument :

FID_C

ClientSampleId :

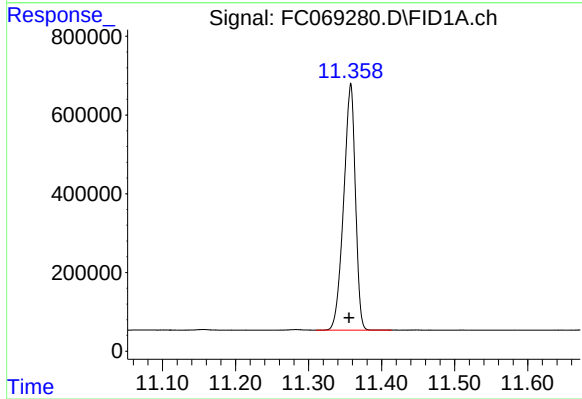
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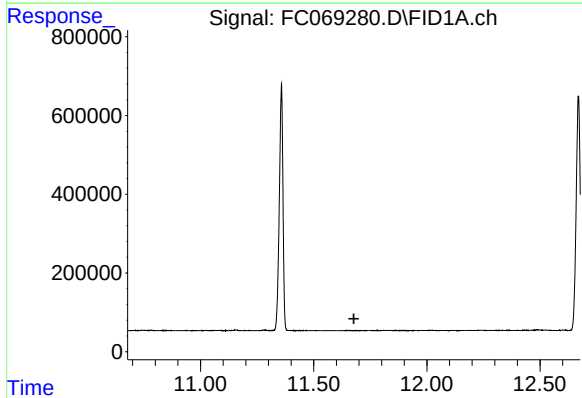
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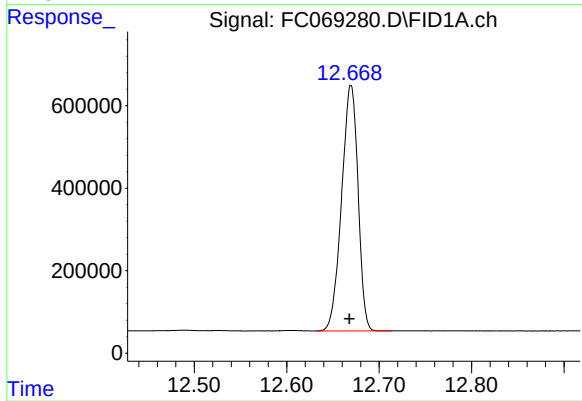
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.002 min
Response: 6971114
Conc: 42.70 ug/ml



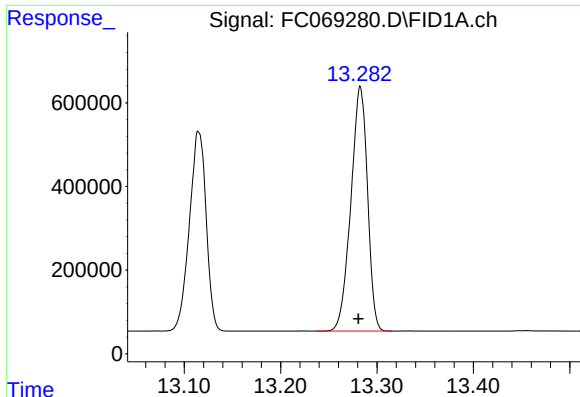
#9 ortho-Terphenyl (SURR)

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.: 0.002 min
Response: 7361238
Conc: 48.23 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.002 min
Response: 7006984
Conc: 47.54 ug/ml

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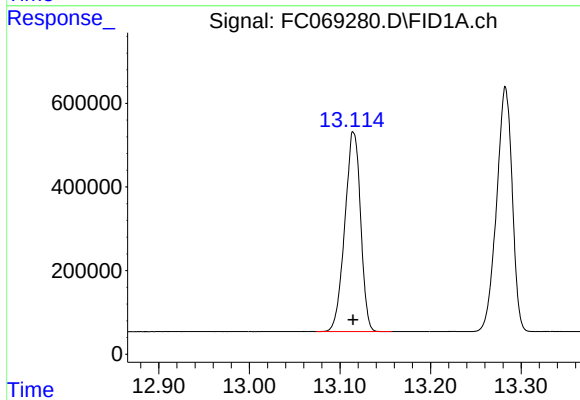
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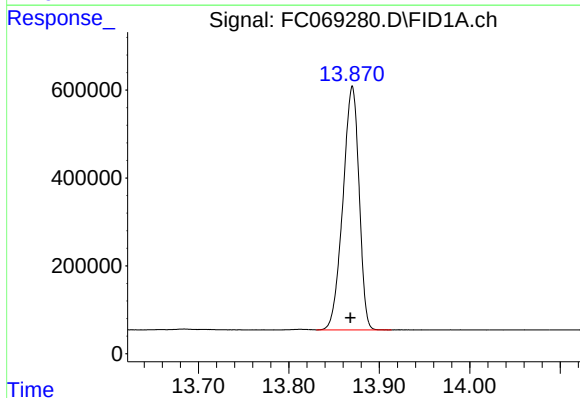
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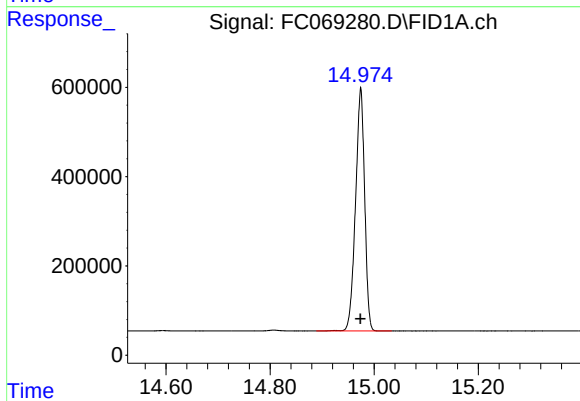
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 5781203
Conc: 44.25 ug/ml



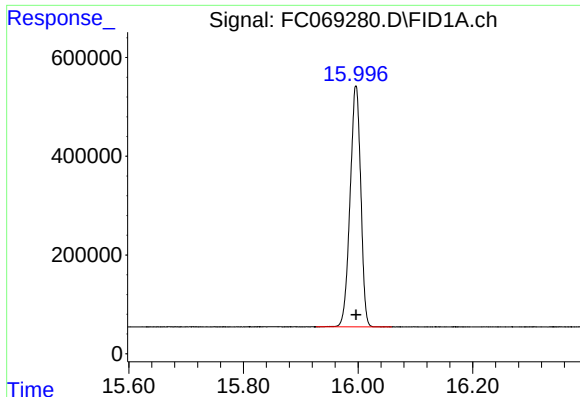
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 6894004
Conc: 47.91 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.000 min
Response: 6621786
Conc: 48.01 ug/ml



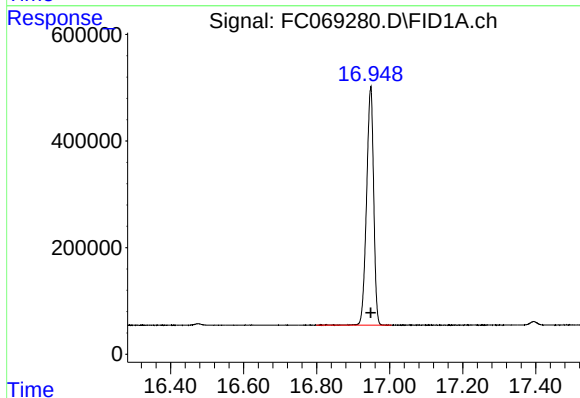
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 6303680
Conc: 48.22 ug/ml

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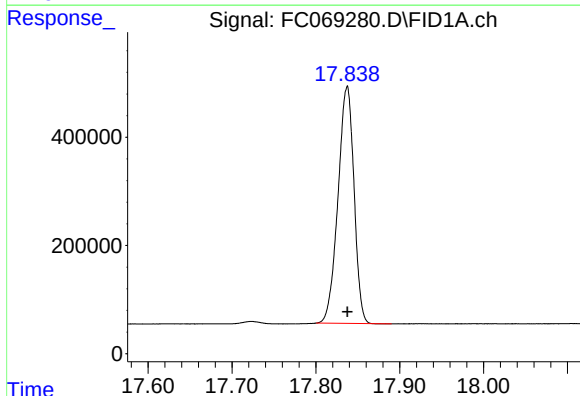
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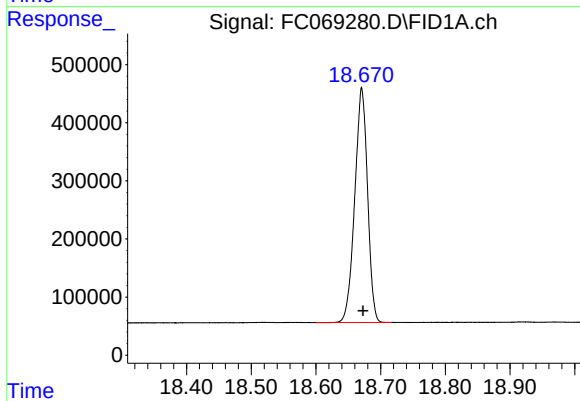
#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 6024349
Conc: 48.85 ug/ml



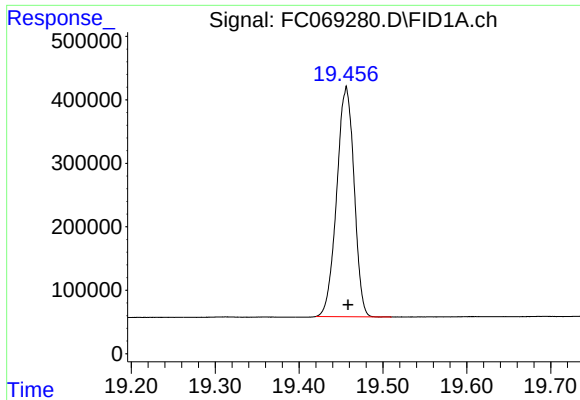
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 5812207
Conc: 48.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 5544833
Conc: 50.71 ug/ml



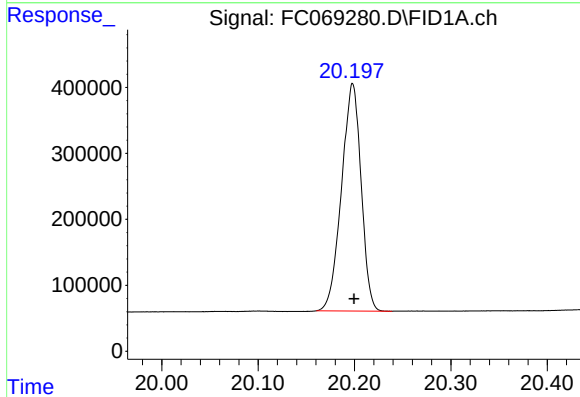
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.002 min
Response: 5214801
Conc: 54.00 ug/ml

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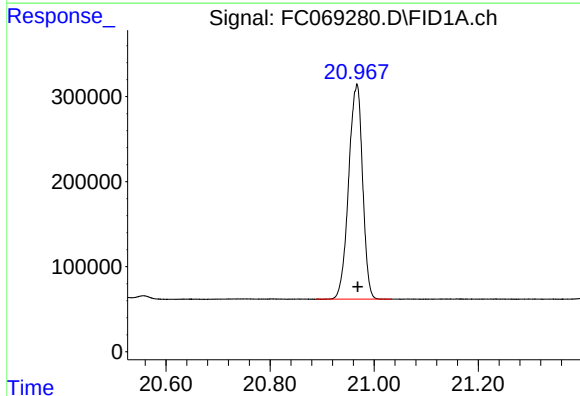
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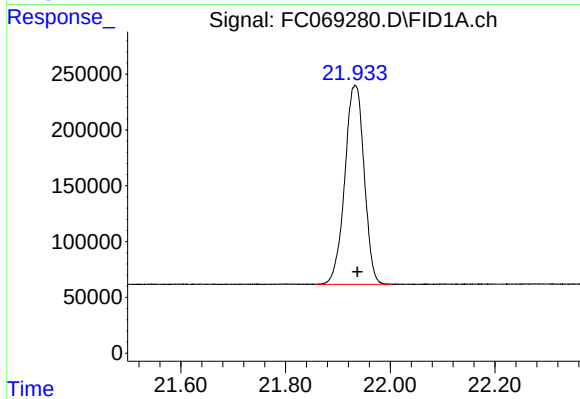
#20 n-Hexatriacontane (C36)

R.T.: 20.198 min
Delta R.T.: -0.002 min
Response: 4859898
Conc: 58.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.002 min
Response: 4694734
Conc: 62.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.005 min
Response: 4575903
Conc: 64.62 ug/ml m