

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069158.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 17:15
 Operator : YP/AJ
 Sample : PB168408BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168408BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 06:04:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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...	13.116	3406395	37.970 ug/ml
Spiked Amount 50.000		Recovery =	75.94%
Target Compounds			
1) T n-Nonane (C9)	3.406	2230358	21.017 ug/ml
2) T n-Decane (C10)	4.481	2689801	25.398 ug/ml
4) T n-Dodecane (C12)	6.507	2958624	28.145 ug/ml
6) T n-Tetradecane (C14)	8.306	3052905	29.783 ug/ml
7) T n-Hexadecane (C16)	9.911	3231344	31.846 ug/ml
8) T n-Octadecane (C18)	11.356	3268350	32.702 ug/ml
10) T n-Eicosane (C20)	12.669	3555843	36.508 ug/ml
11) T n-Heneicosane (C21)	13.283	3495201	36.313 ug/ml
13) T n-Docosane (C22)	13.870	3515122	36.897 ug/ml
14) T n-Tetracosane (C24)	14.975	3553253	37.739 ug/ml
15) T n-Hexacosane (C26)	15.999	3528040	38.001 ug/ml
16) T n-Octacosane (C28)	16.950	3538487	38.068 ug/ml
17) T n-Tricontane (C30)	17.841	3631105	37.528 ug/ml
18) T n-Dotriacontane (C32)	18.675	3683844	37.174 ug/ml
19) T n-Tetratriacontane (C34)	19.460	3707841	38.471 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3584204	37.756 ug/ml
21) T n-Octatriacontane (C38)	20.972	3356685	36.792 ug/ml
22) T n-Tetracontane (C40)	21.937	2790032	31.621 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB168408BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

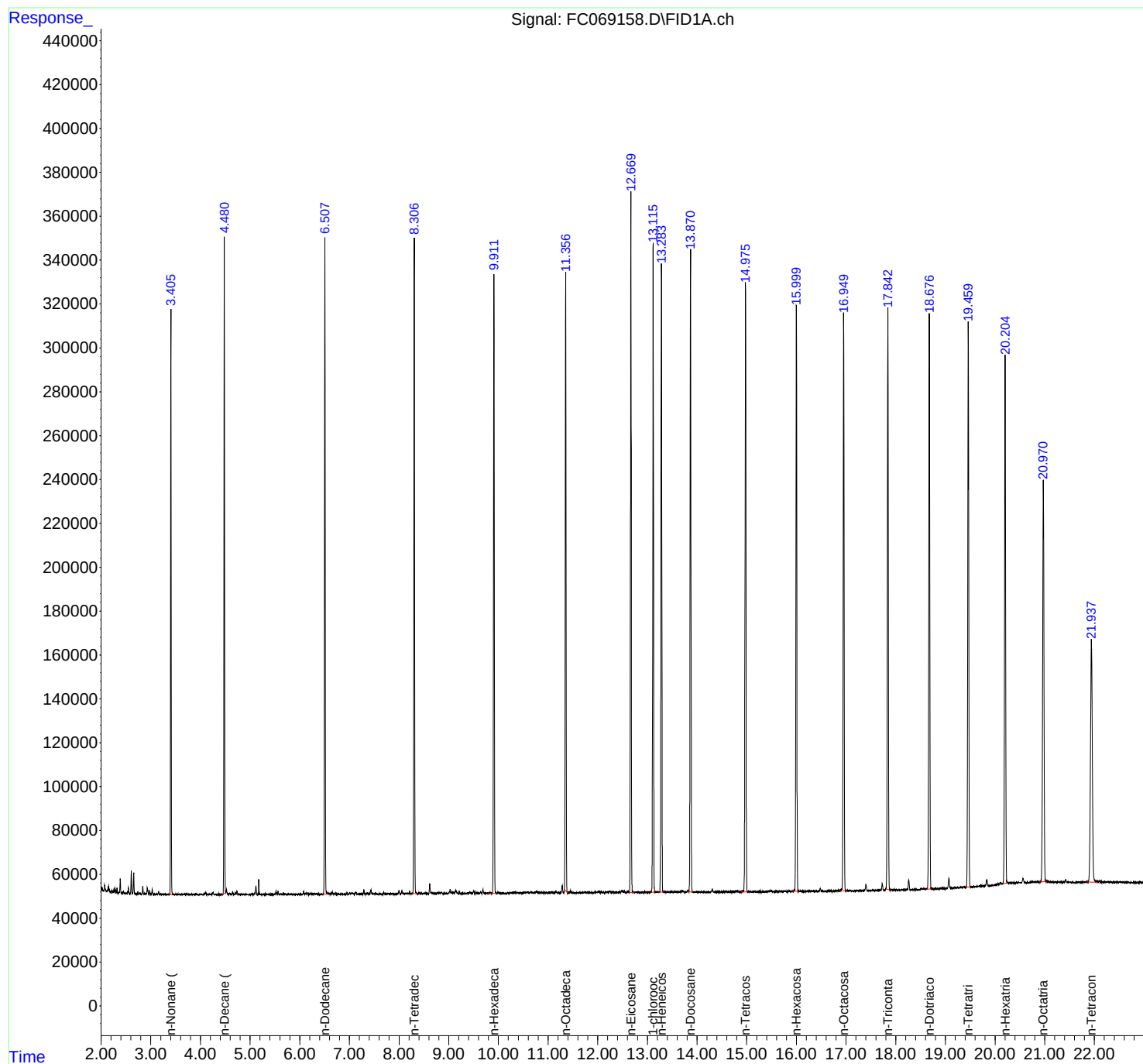
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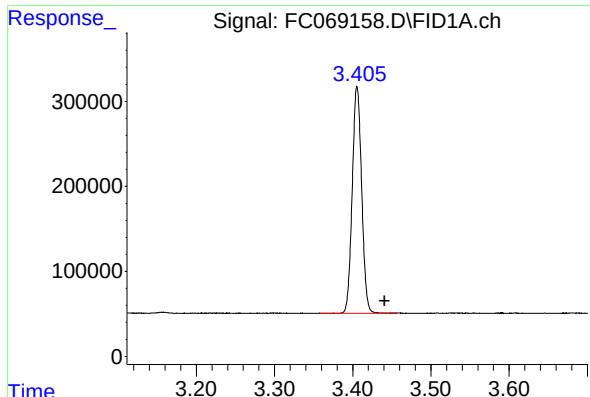
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#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: -0.035 min
Response: 2230358
Conc: 21.02 ug/ml

Instrument :

FID_C

ClientSampleId :

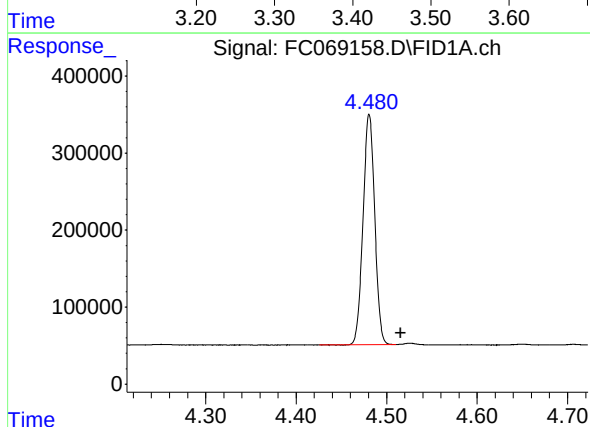
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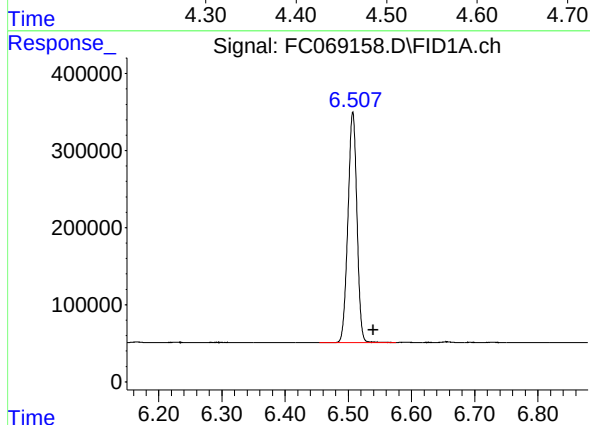
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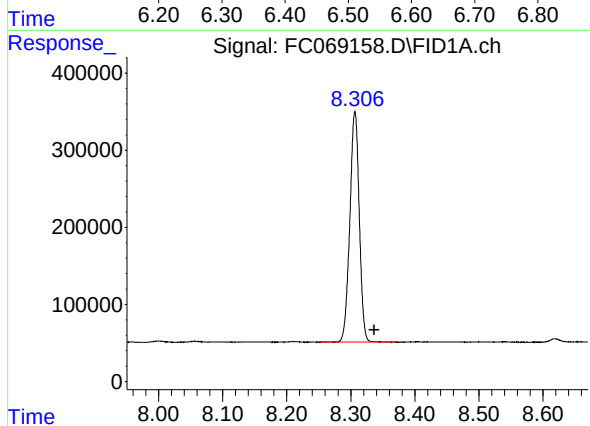
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.035 min
Response: 2689801
Conc: 25.40 ug/ml



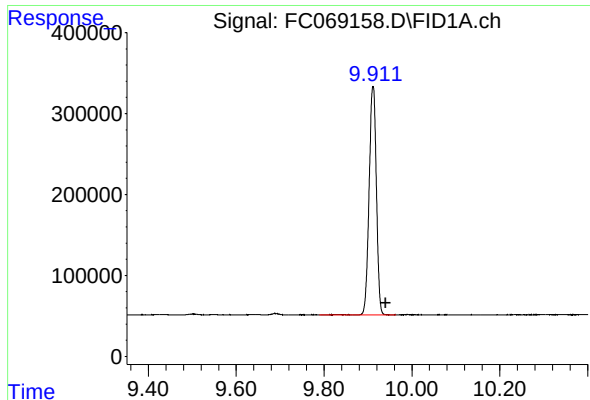
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 2958624
Conc: 28.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.031 min
Response: 3052905
Conc: 29.78 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 3231344
Conc: 31.85 ug/ml

Instrument :

FID_C

ClientSampleId :

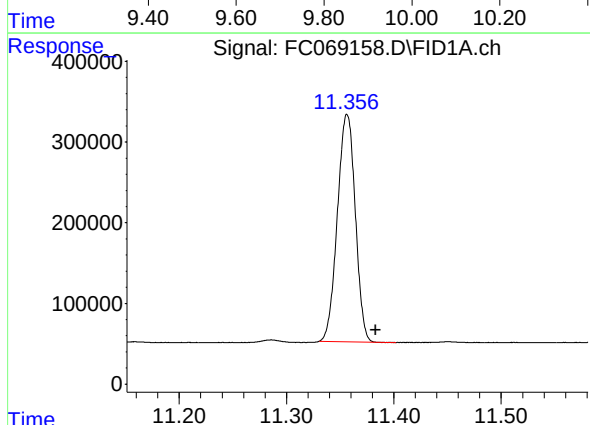
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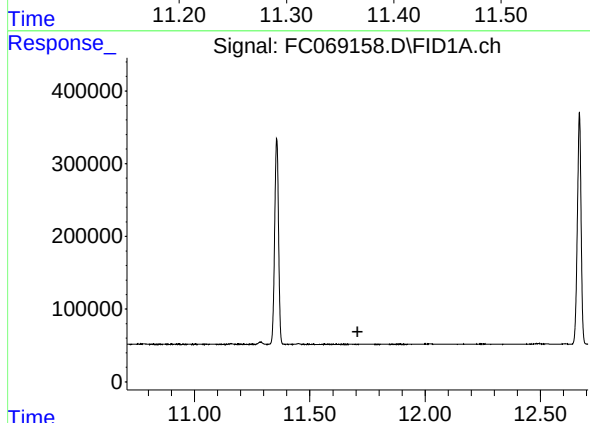
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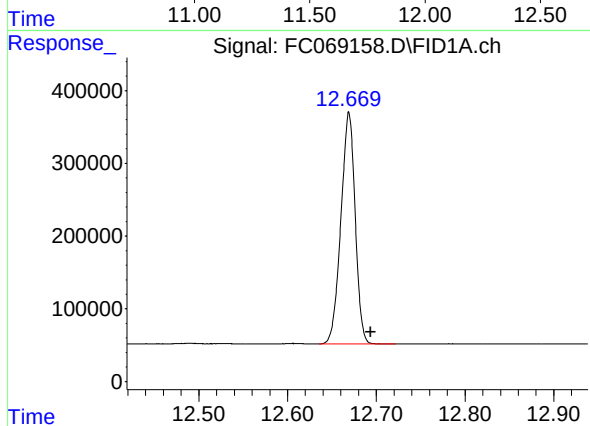
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.027 min
Response: 3268350
Conc: 32.70 ug/ml



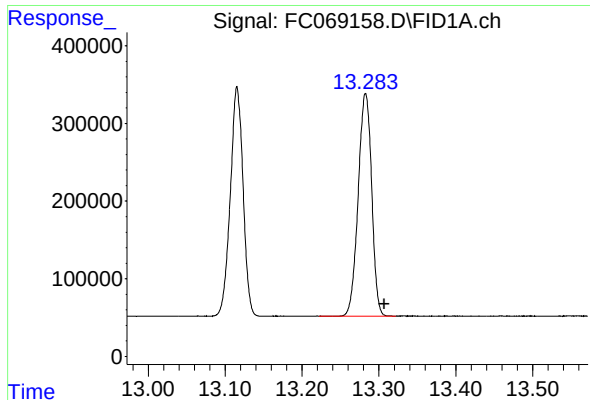
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 3555843
Conc: 36.51 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.024 min
Response: 3495201
Conc: 36.31 ug/ml

Instrument :

FID_C

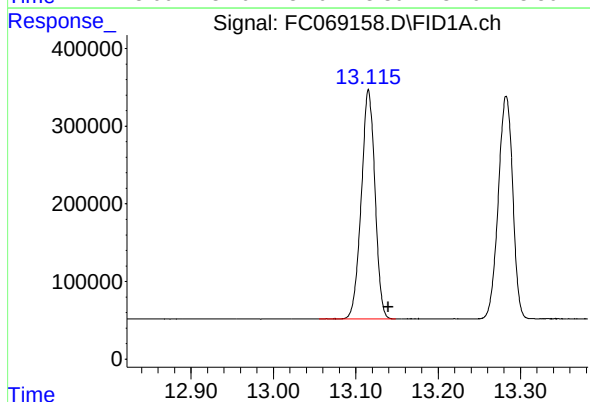
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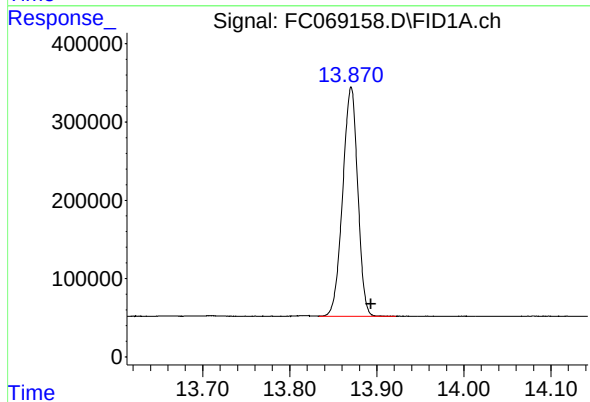
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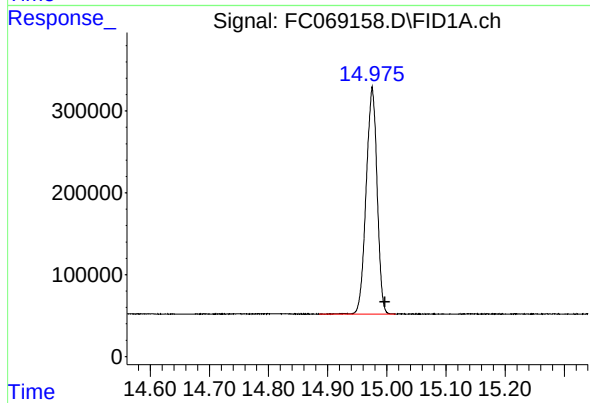
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: -0.024 min
Response: 3406395
Conc: 37.97 ug/ml



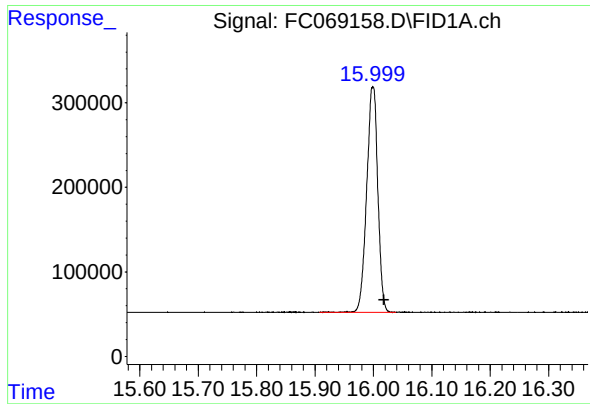
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: -0.023 min
Response: 3515122
Conc: 36.90 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: -0.022 min
Response: 3553253
Conc: 37.74 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.019 min
Response: 3528040
Conc: 38.00 ug/ml

Instrument :

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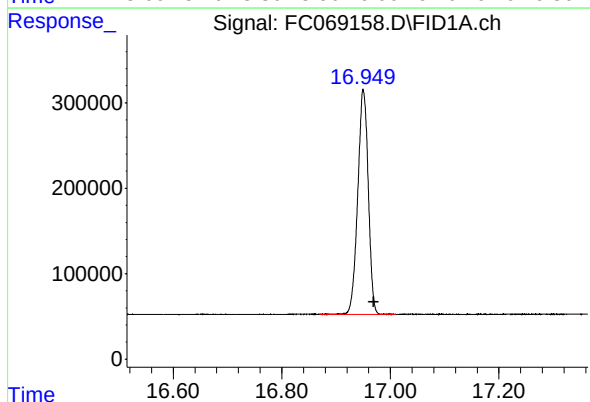
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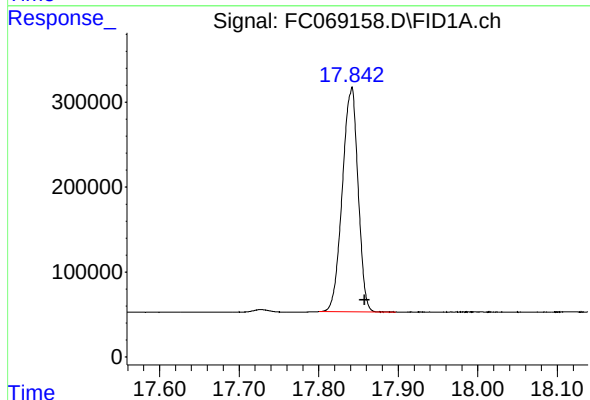
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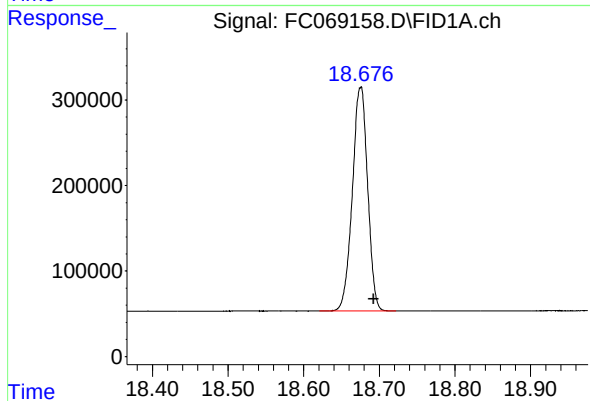
#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.019 min
Response: 3538487
Conc: 38.07 ug/ml



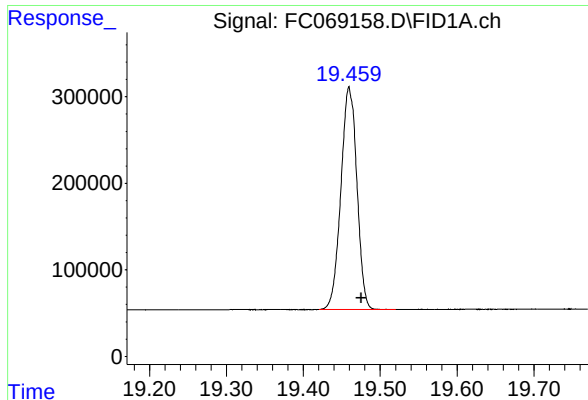
#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: -0.017 min
Response: 3631105
Conc: 37.53 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.017 min
Response: 3683844
Conc: 37.17 ug/ml



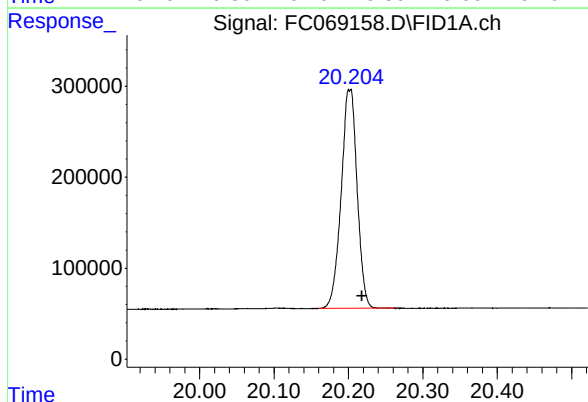
#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: -0.016 min
Response: 3707841
Conc: 38.47 ug/ml

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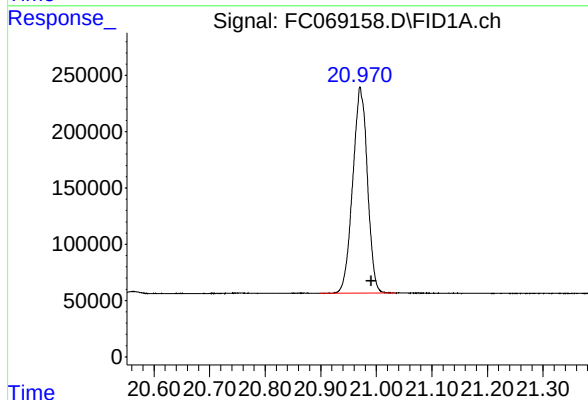
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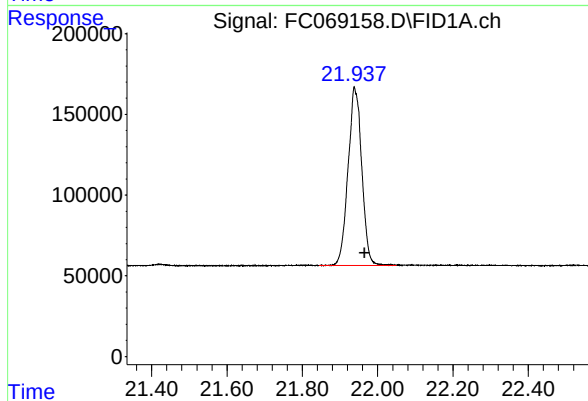
#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3584204
Conc: 37.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: -0.019 min
Response: 3356685
Conc: 36.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.028 min
Response: 2790032
Conc: 31.62 ug/ml m