

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060225AL\
 Data File : FC069059.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jun 2025 17:36
 Operator : YP/AJ
 Sample : Q2159-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP05-MHO-WCMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e
 Quant Time: Jun 03 07:37:38 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			
9) S ortho-Terphenyl (SURR)	11.679	5381170	43.627 ug/ml
Spiked Amount 50.000		Recovery =	87.25%
12) S 1-chlorooctadecane (S...	13.115	4249655	47.369 ug/ml
Spiked Amount 50.000		Recovery =	94.74%
Target Compounds			
1) T n-Nonane (C9)	3.401	2919489	27.510 ug/ml
2) T n-Decane (C10)	4.477	3276120	30.934 ug/mlm
3) T A~Naphthalene (C11.7)	6.072	3884449	33.592 ug/ml
4) T n-Dodecane (C12)	6.504	3396743	32.312 ug/ml
5) T A~2-methylnaphthalene...	7.132	3617689	31.910 ug/ml
6) T n-Tetradecane (C14)	8.306	3417345	33.339 ug/ml
7) T n-Hexadecane (C16)	9.911	3666147	36.131 ug/ml
8) T n-Octadecane (C18)	11.356	3808337	38.105 ug/mlm
10) T n-Eicosane (C20)	12.669	3909599	40.140 ug/ml
11) T n-Heneicosane (C21)	13.281	3740897	38.865 ug/ml
13) T n-Docosane (C22)	13.869	3701437	38.853 ug/ml
14) T n-Tetracosane (C24)	14.962	7830743	83.171 ug/ml
15) T n-Hexacosane (C26)	15.999	3614903	38.936 ug/ml
16) T n-Octacosane (C28)	16.949	3601848	38.749 ug/ml
17) T n-Tricontane (C30)	17.841	3568979	36.886 ug/ml
18) T n-Dotriacontane (C32)	18.675	3604390	36.372 ug/ml
19) T n-Tetratriacontane (C34)	19.461	3728115	38.682 ug/ml
20) T n-Hexatriacontane (C36)	20.203	3659289	38.547 ug/ml
21) T n-Octatriacontane (C38)	20.973	3704693	40.606 ug/ml
22) T n-Tetracontane (C40)	21.942	3564181	40.394 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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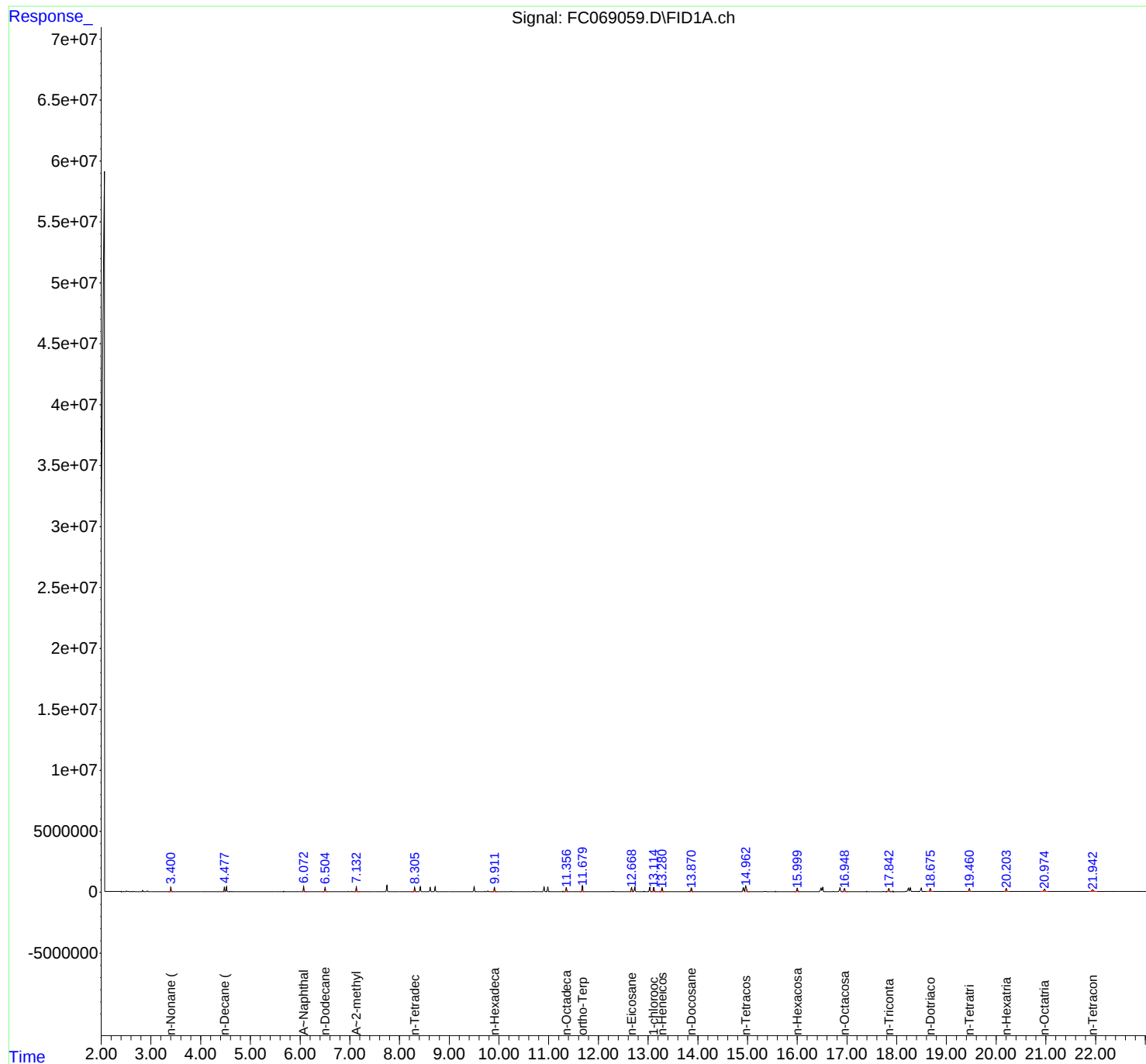
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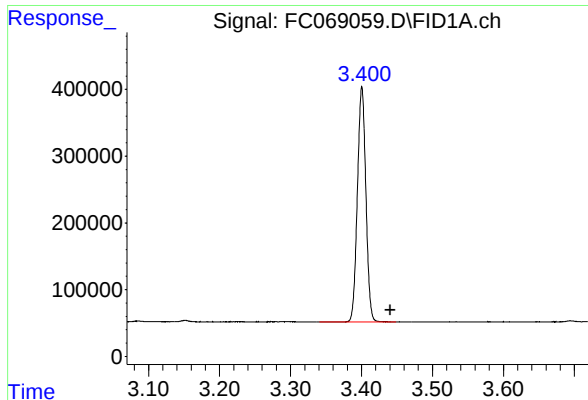
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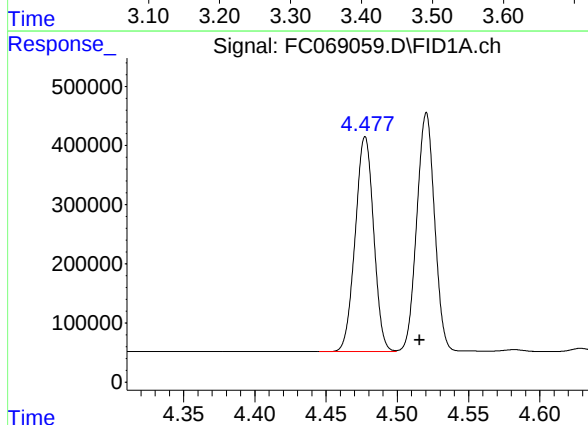
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.040 min
Response: 2919489
Conc: 27.51 ug/ml

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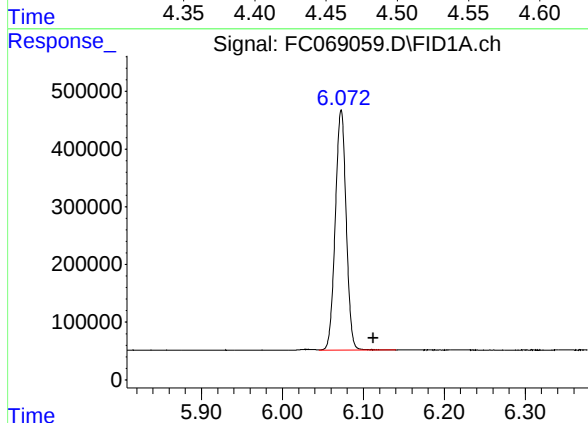
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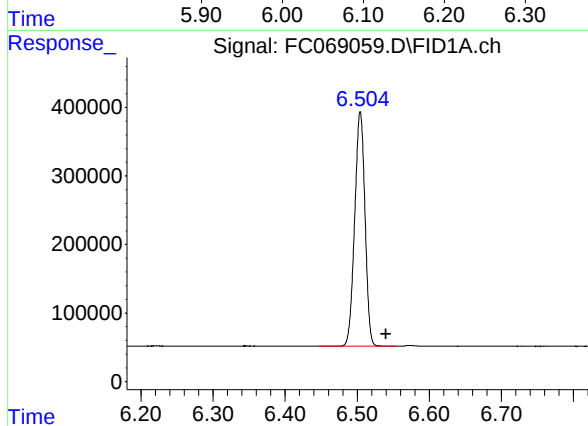
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.038 min
Response: 3276120
Conc: 30.93 ug/ml



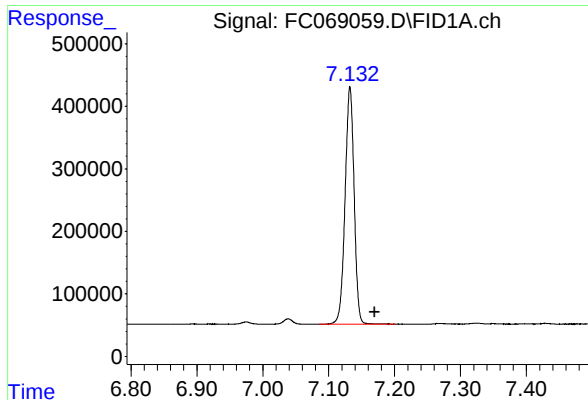
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.039 min
Response: 3884449
Conc: 33.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.036 min
Response: 3396743
Conc: 32.31 ug/ml



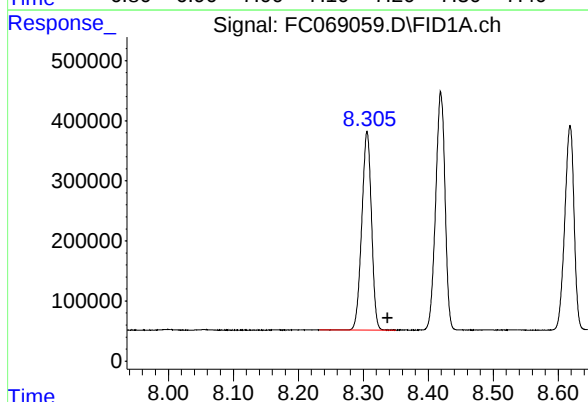
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.037 min
Response: 3617689
Conc: 31.91 ug/ml

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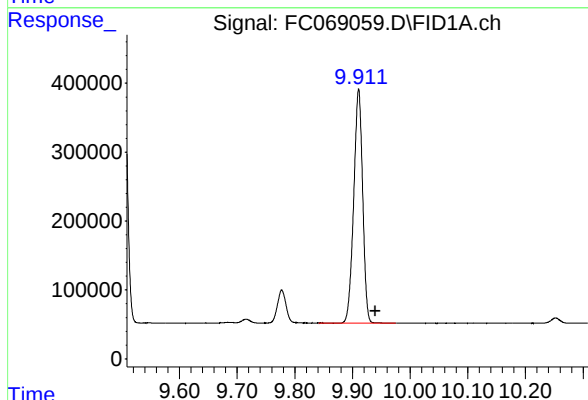
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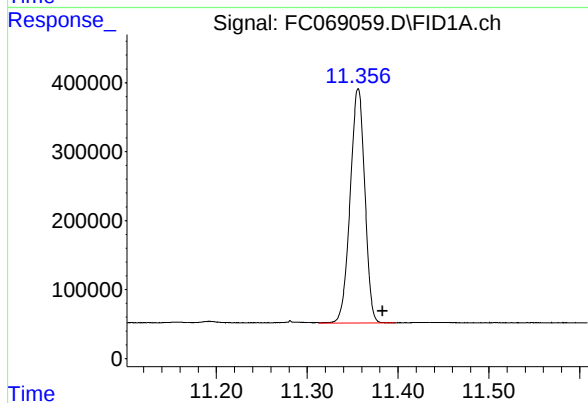
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.031 min
Response: 3417345
Conc: 33.34 ug/ml



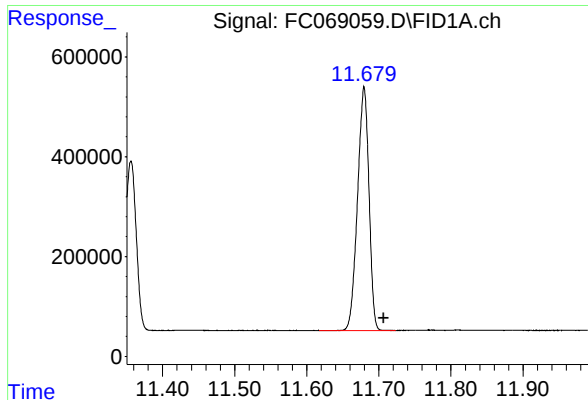
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 3666147
Conc: 36.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.027 min
Response: 3808337
Conc: 38.10 ug/ml m



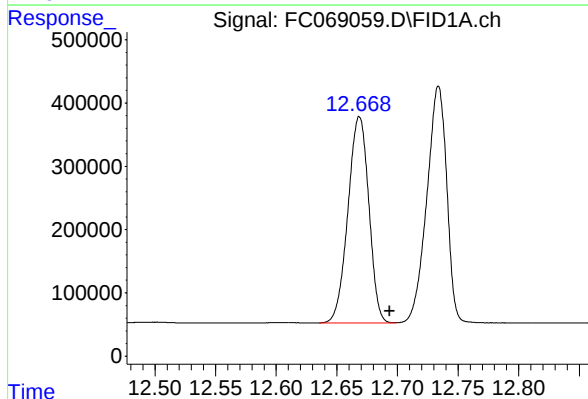
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.027 min
Response: 5381170
Conc: 43.63 ug/ml

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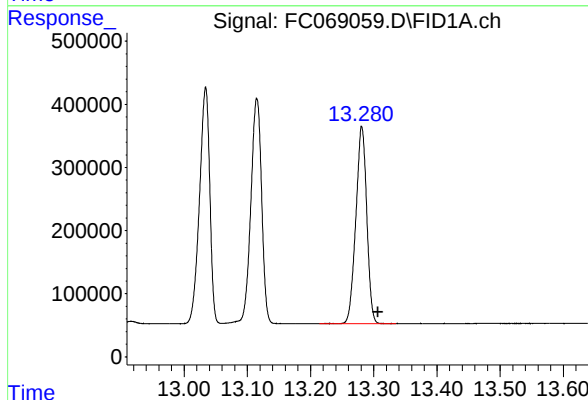
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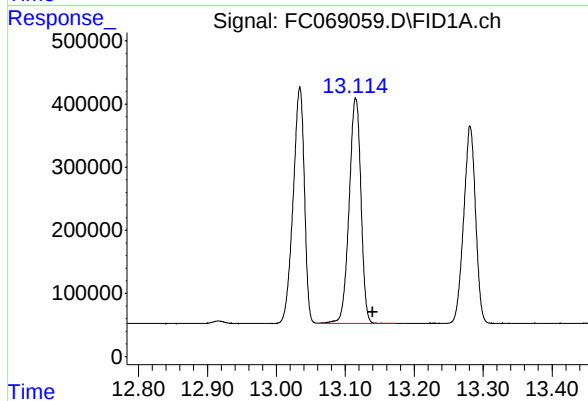
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 3909599
Conc: 40.14 ug/ml



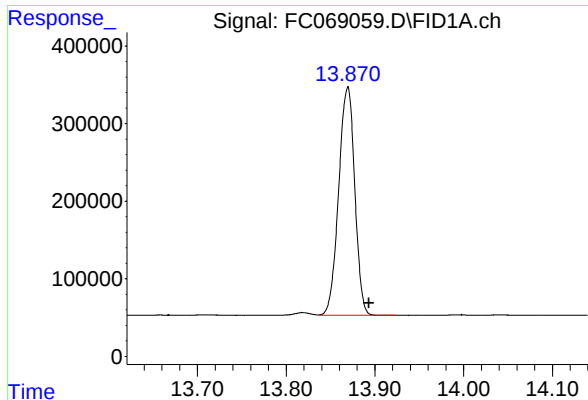
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3740897
Conc: 38.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 4249655
Conc: 47.37 ug/ml



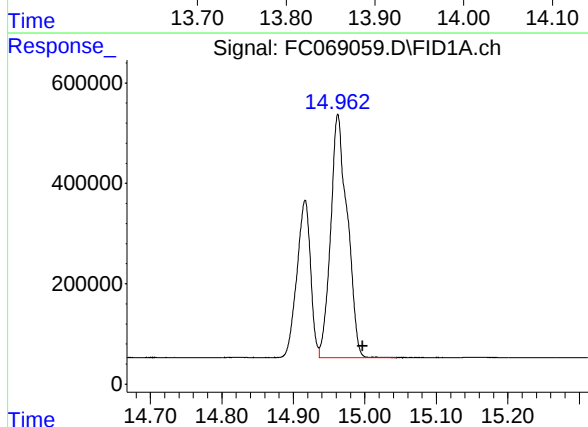
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.024 min
Response: 3701437
Conc: 38.85 ug/ml

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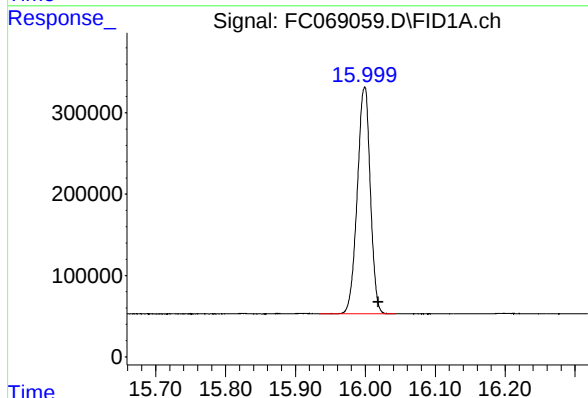
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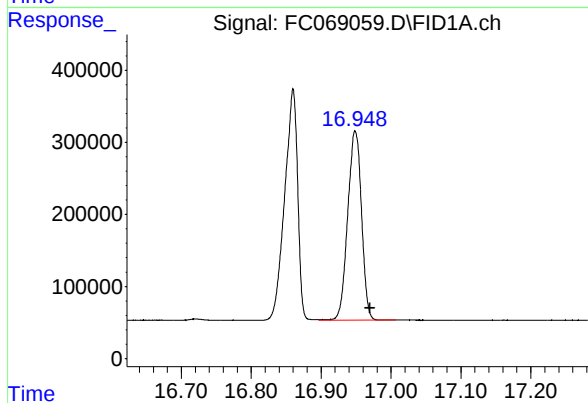
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.035 min
Response: 7830743
Conc: 83.17 ug/ml



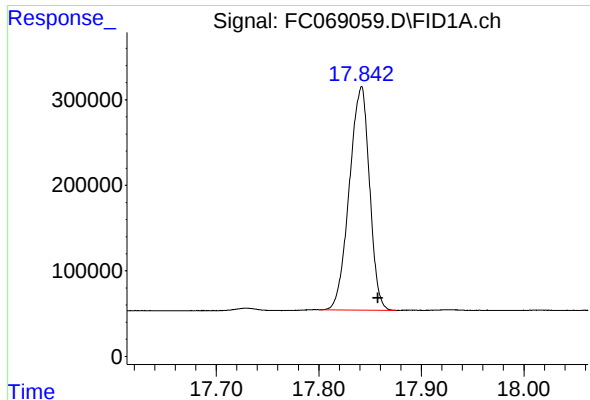
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.020 min
Response: 3614903
Conc: 38.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.021 min
Response: 3601848
Conc: 38.75 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: -0.017 min
Response: 3568979
Conc: 36.89 ug/ml

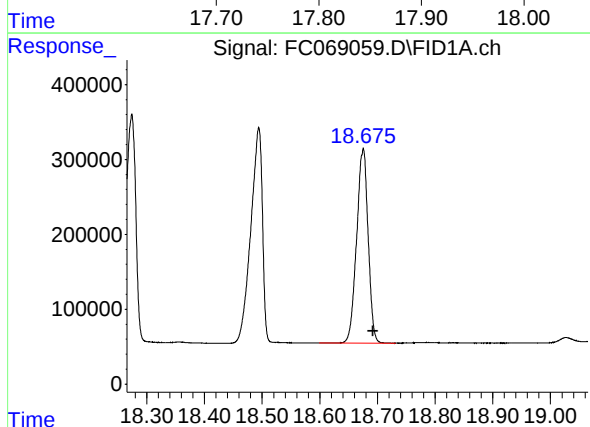
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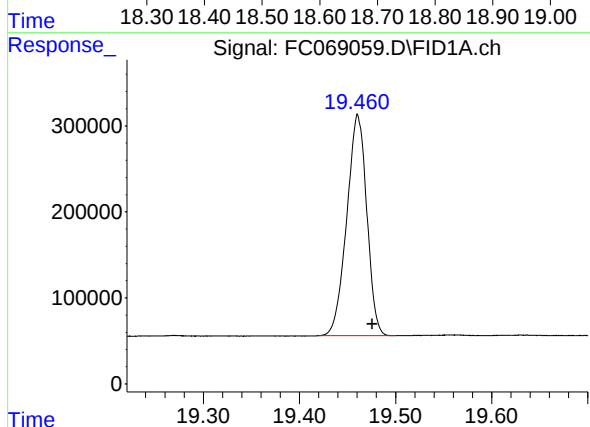
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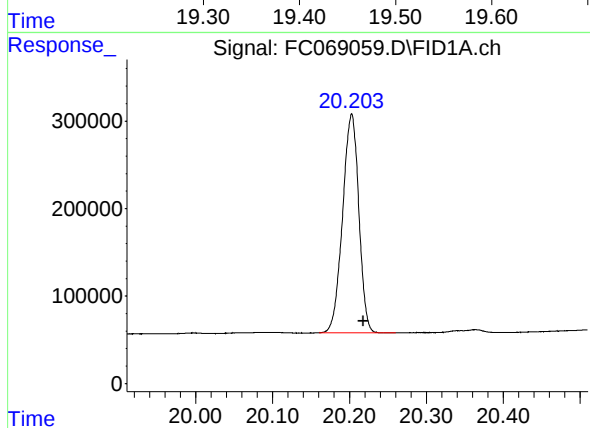
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.017 min
Response: 3604390
Conc: 36.37 ug/ml



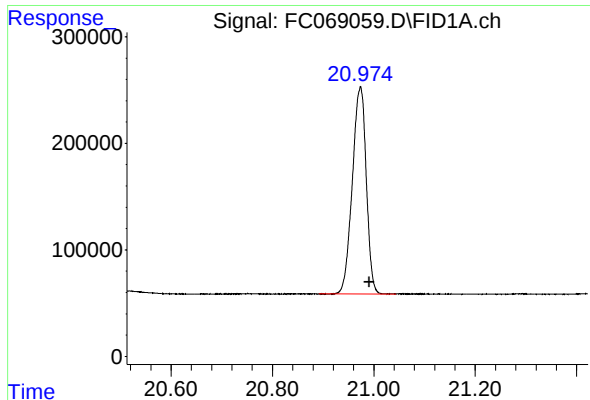
#19 n-Tetatriacontane (C34)

R.T.: 19.461 min
Delta R.T.: -0.015 min
Response: 3728115
Conc: 38.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.203 min
Delta R.T.: -0.015 min
Response: 3659289
Conc: 38.55 ug/ml



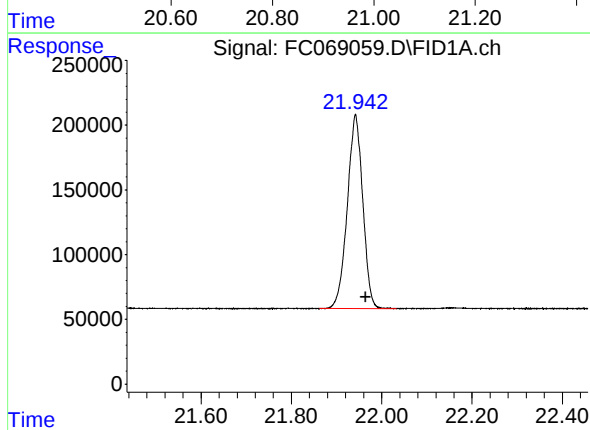
#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: -0.018 min
Response: 3704693
Conc: 40.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.023 min
Response: 3564181
Conc: 40.39 ug/ml m