

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071125AL\
 Data File : FC069426.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2025 18:54
 Operator : YP/AJ
 Sample : Q2571-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-17MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File: autoint1.e
 Quant Time: Jul 11 23:04:41 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			
9) S ortho-Terphenyl (SURR)	11.672	4532846	26.238 ug/ml
Spiked Amount 50.000		Recovery =	52.48%
12) S 1-chlorooctadecane (S...	13.108	3684810	28.205 ug/ml
Spiked Amount 50.000		Recovery =	56.41%
Target Compounds			
1) T n-Nonane (C9)	3.402	3688830	25.938 ug/ml
2) T n-Decane (C10)	4.477	4201415	28.699 ug/ml
3) T A~Naphthalene (C11.7)	6.071	5433078	33.768 ug/ml
4) T n-Dodecane (C12)	6.502	4750116	31.369 ug/ml
5) T A~2-methylnaphthalene...	7.131	5446002	34.414 ug/ml
6) T n-Tetradecane (C14)	8.303	5337713	34.436 ug/ml
7) T n-Hexadecane (C16)	9.906	5780941	35.376 ug/ml
8) T n-Octadecane (C18)	11.351	5780045	35.402 ug/ml
10) T n-Eicosane (C20)	12.663	5977028	39.158 ug/ml
11) T n-Heneicosane (C21)	13.276	5563960	37.749 ug/ml
13) T n-Docosane (C22)	13.863	5659225	39.332 ug/ml
14) T n-Tetracosane (C24)	14.962	11304871	81.960 ug/ml
15) T n-Hexacosane (C26)	15.991	4967707	38.002 ug/ml
16) T n-Octacosane (C28)	16.941	4890459	39.654 ug/ml
17) T n-Tricontane (C30)	17.830	4608823	38.768 ug/ml
18) T n-Dotriacontane (C32)	18.663	4509773	41.246 ug/ml
19) T n-Tetratriacontane (C34)	19.447	4653382	48.188 ug/ml
20) T n-Hexatriacontane (C36)	20.189	4433681	53.799 ug/ml
21) T n-Octatriacontane (C38)	20.954	4500749	60.226 ug/ml
22) T n-Tetracontane (C40)	21.922	4475100	63.193 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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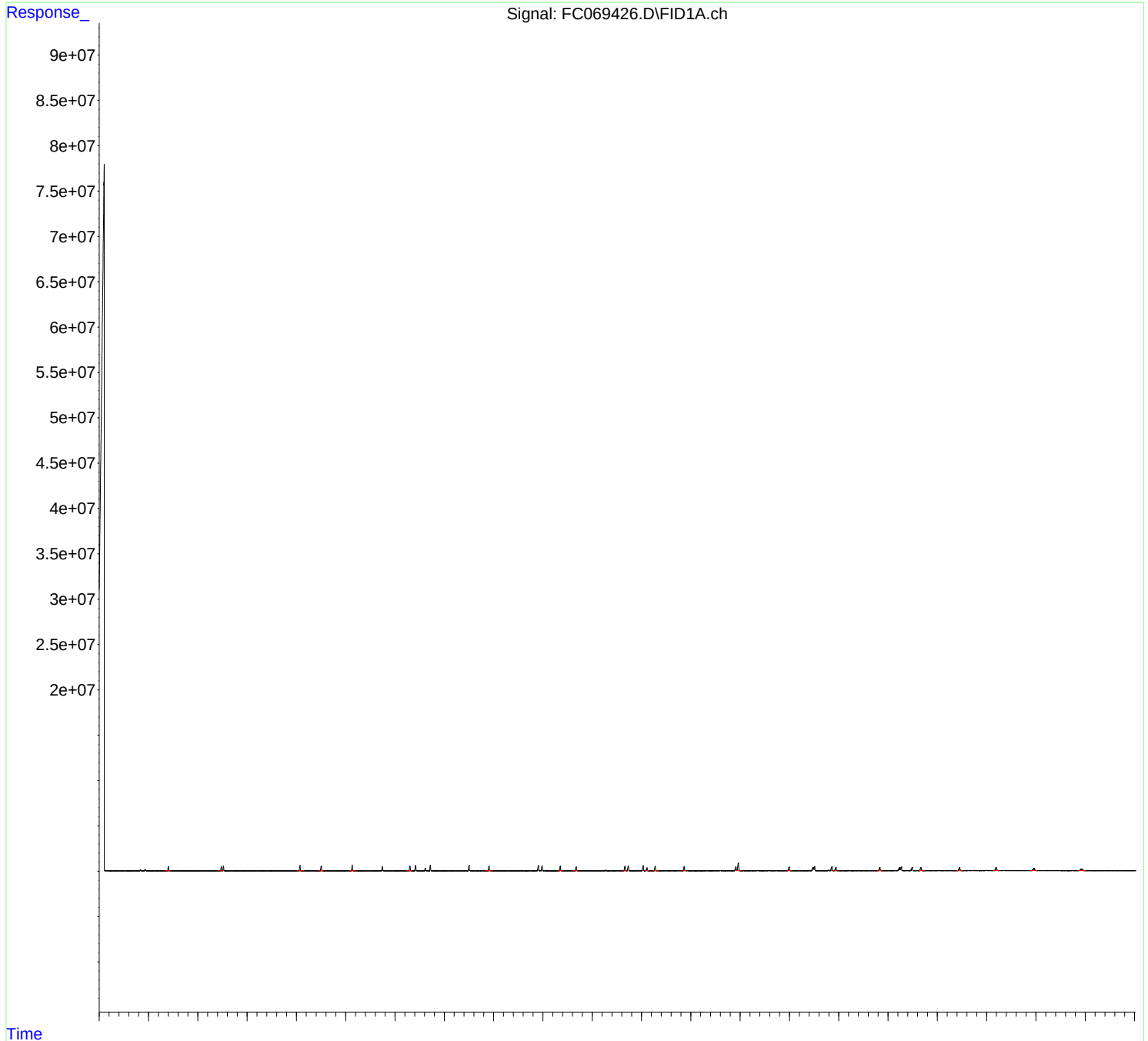
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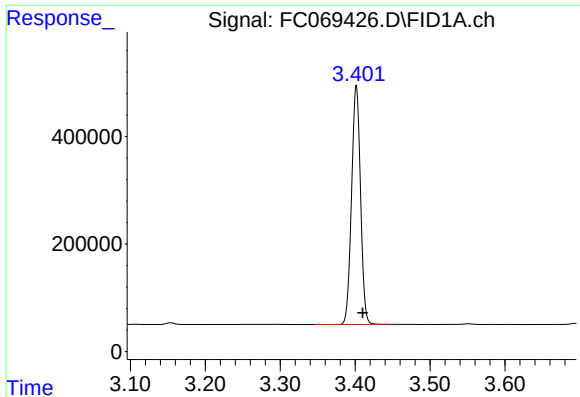
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#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: -0.008 min
Response: 3688830
Conc: 25.94 ug/ml

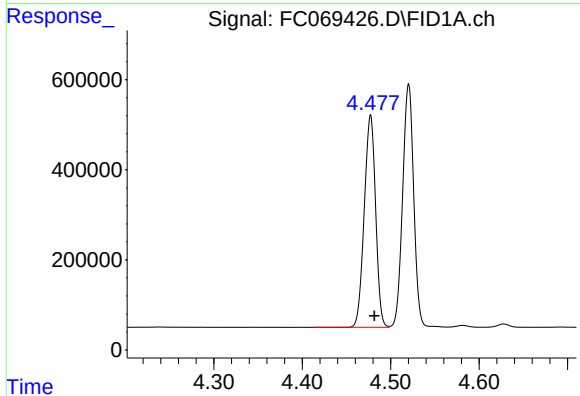
Instrument :

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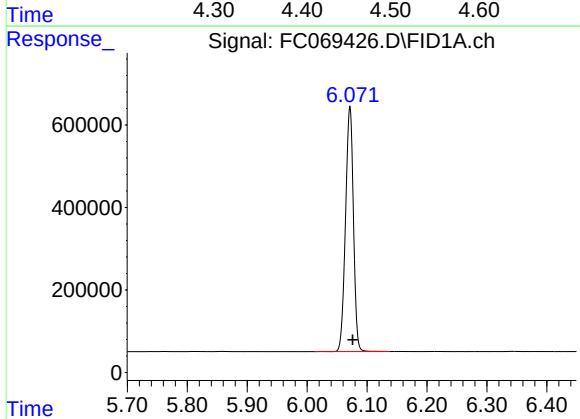
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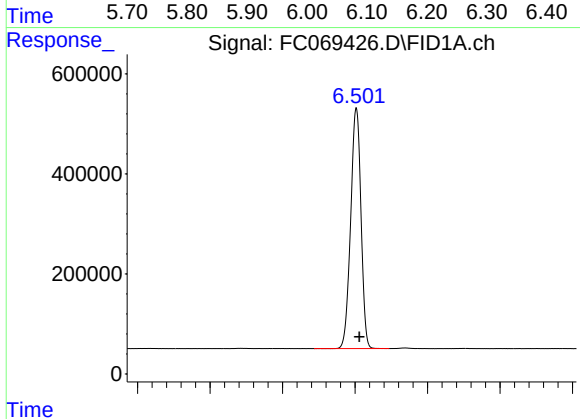
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.004 min
Response: 4201415
Conc: 28.70 ug/ml



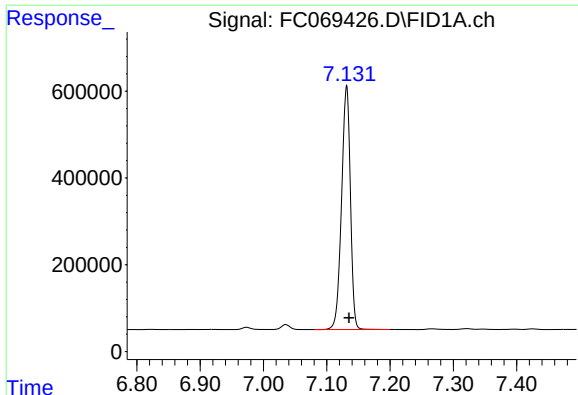
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 5433078
Conc: 33.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 4750116
Conc: 31.37 ug/ml



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

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 5446002
Conc: 34.41 ug/ml

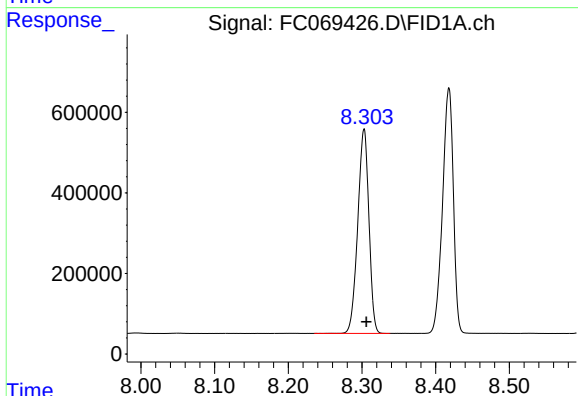
Instrument :

FID_C

ClientSampleId :
TP-17MS

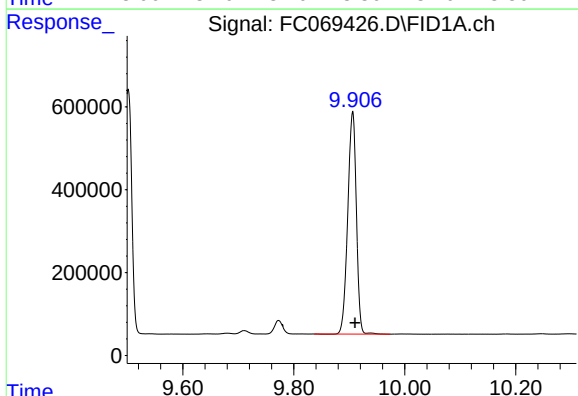
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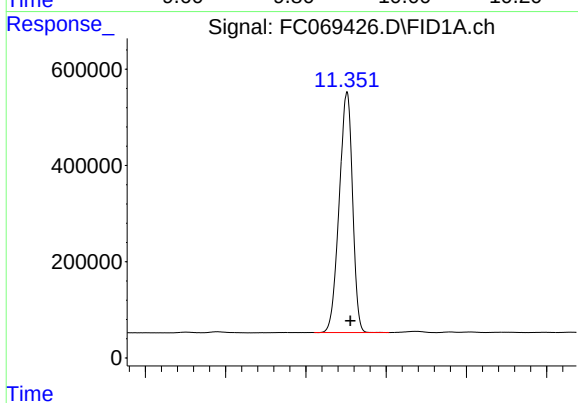
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 5337713
Conc: 34.44 ug/ml



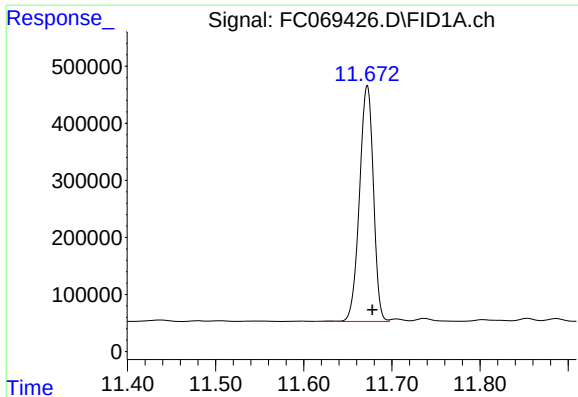
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: -0.005 min
Response: 5780941
Conc: 35.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.005 min
Response: 5780045
Conc: 35.40 ug/ml



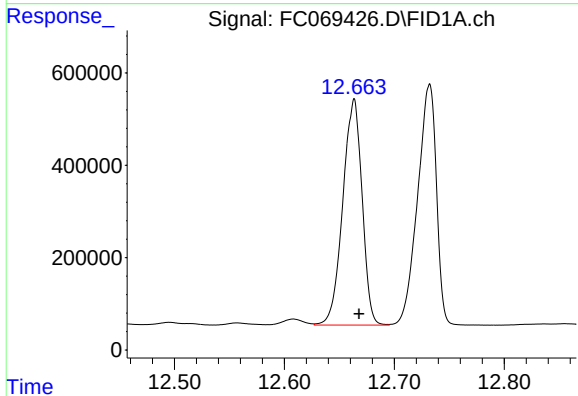
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.006 min
Response: 4532846
Conc: 26.24 ug/ml

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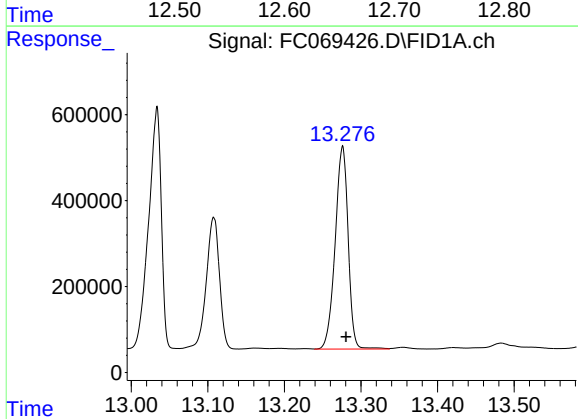
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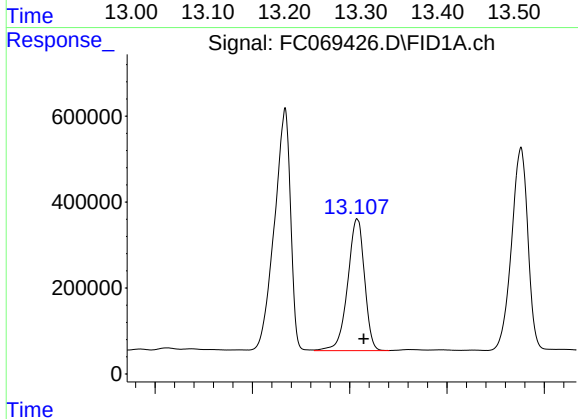
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.005 min
Response: 5977028
Conc: 39.16 ug/ml



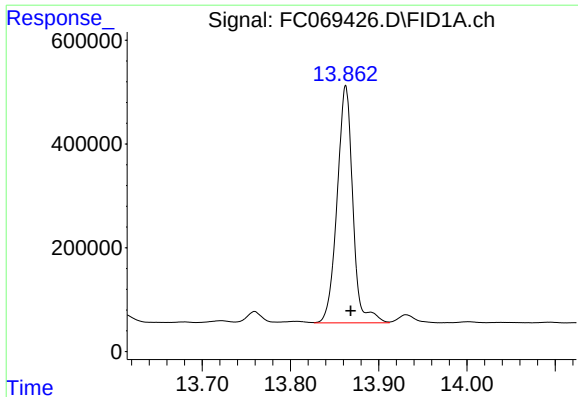
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.005 min
Response: 5563960
Conc: 37.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.007 min
Response: 3684810
Conc: 28.21 ug/ml



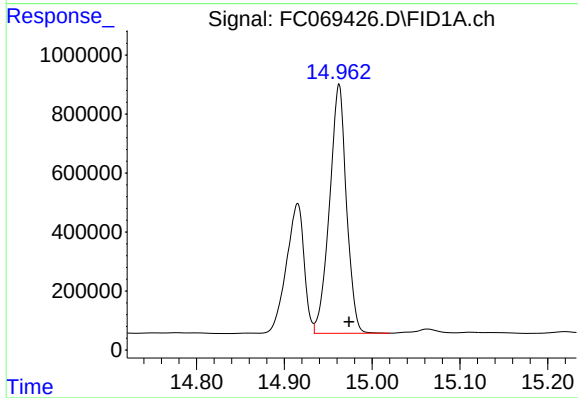
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: -0.006 min
Response: 5659225
Conc: 39.33 ug/ml

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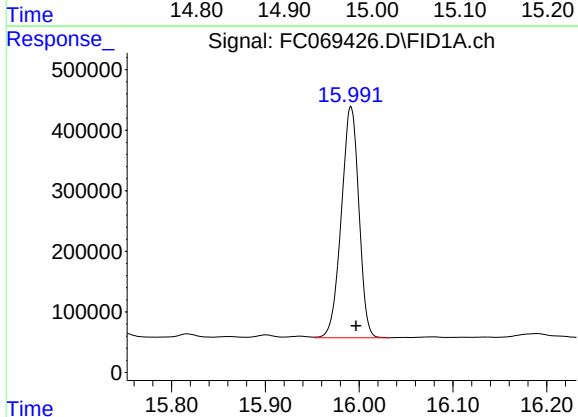
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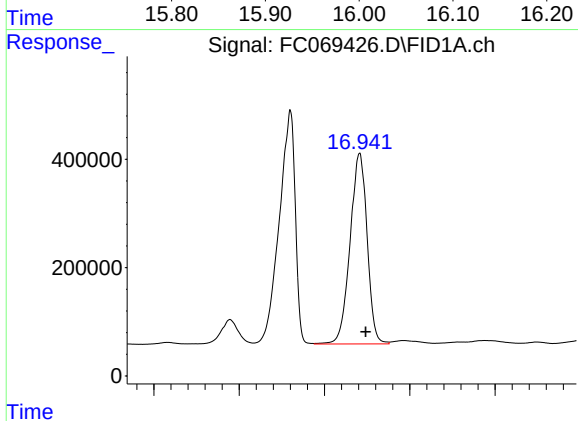
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.011 min
Response: 11304871
Conc: 81.96 ug/ml



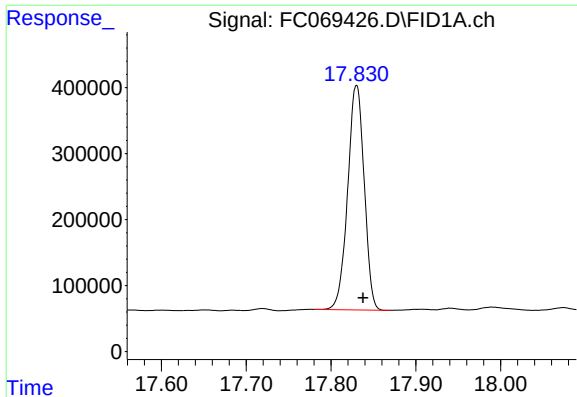
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.005 min
Response: 4967707
Conc: 38.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: -0.007 min
Response: 4890459
Conc: 39.65 ug/ml



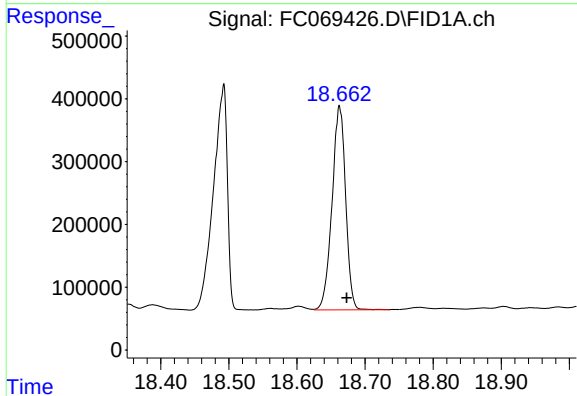
#17 n-Tricontane (C30)

R.T.: 17.830 min
Delta R.T.: -0.008 min
Response: 4608823
Conc: 38.77 ug/ml

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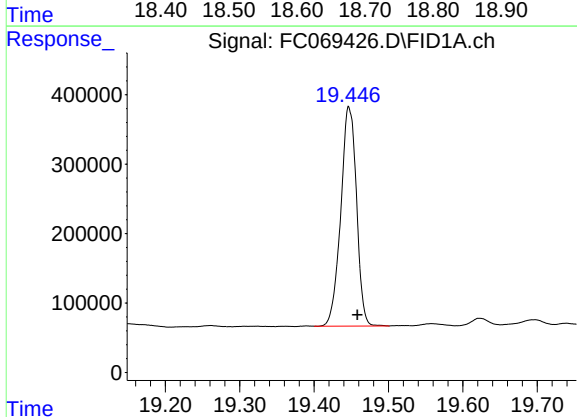
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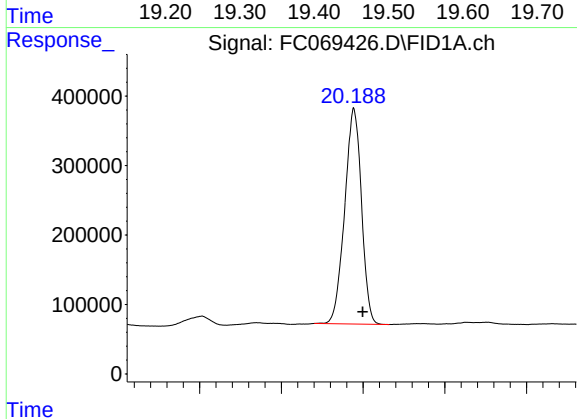
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.010 min
Response: 4509773
Conc: 41.25 ug/ml



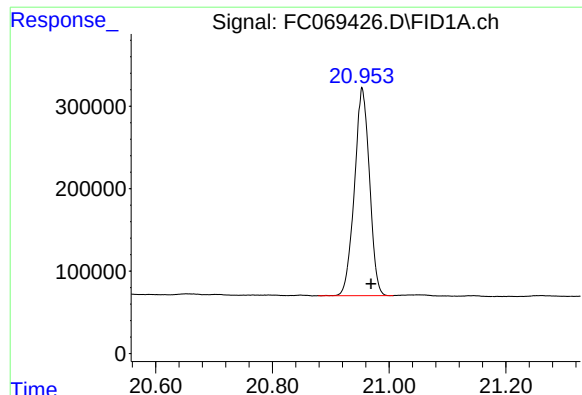
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: -0.011 min
Response: 4653382
Conc: 48.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.011 min
Response: 4433681
Conc: 53.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.954 min
Delta R.T.: -0.015 min
Response: 4500749
Conc: 60.23 ug/ml

Instrument :

FID_C

ClientSampleId :

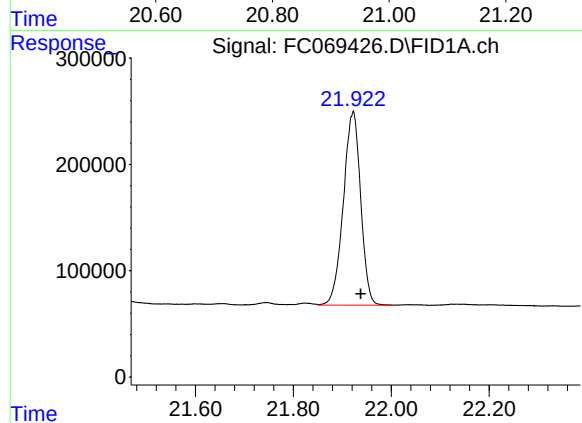
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#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: -0.015 min
Response: 4475100
Conc: 63.19 ug/ml m