

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060925AL\
 Data File : FC069146.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 01:39
 Operator : YP/AJ
 Sample : Q2265-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP11-MHL-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File: autoint1.e
 Quant Time: Jun 10 05:27:08 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)	11.681	4047909	32.818 ug/ml
Spiked Amount 50.000		Recovery =	65.64%
12) S 1-chlorooctadecane (S...	13.117	3130383	34.893 ug/ml
Spiked Amount 50.000		Recovery =	69.79%
Target Compounds			
1) T n-Nonane (C9)	3.406	4307068	40.586 ug/ml
2) T n-Decane (C10)	4.482	4823053	45.540 ug/mlm
3) T A~Naphthalene (C11.7)	6.077	5859851	50.675 ug/ml
4) T n-Dodecane (C12)	6.508	5122447	48.729 ug/ml
5) T A~2-methylnaphthalene...	7.137	5605898	49.448 ug/ml
6) T n-Tetradecane (C14)	8.310	5380945	52.495 ug/ml
7) T n-Hexadecane (C16)	9.914	5714443	56.318 ug/ml
8) T n-Octadecane (C18)	11.359	5649487	56.526 ug/ml
10) T n-Eicosane (C20)	12.673	5801670	59.567 ug/ml
11) T n-Heneicosane (C21)	13.286	5550539	57.666 ug/ml
13) T n-Docosane (C22)	13.873	5504748	57.781 ug/ml
14) T n-Tetracosane (C24)	14.971	12072657	128.224 ug/ml
15) T n-Hexacosane (C26)	16.004	5479920	59.024 ug/ml
16) T n-Octacosane (C28)	16.953	5545384	59.658 ug/ml
17) T n-Tricontane (C30)	17.846	5568682	57.553 ug/ml
18) T n-Dotriacontane (C32)	18.677	5640729	56.921 ug/ml
19) T n-Tetratriacontane (C34)	19.463	5848235	60.679 ug/ml
20) T n-Hexatriacontane (C36)	20.206	5707517	60.124 ug/ml
21) T n-Octatriacontane (C38)	20.977	5640876	61.828 ug/ml
22) T n-Tetracontane (C40)	21.947	5105698	57.865 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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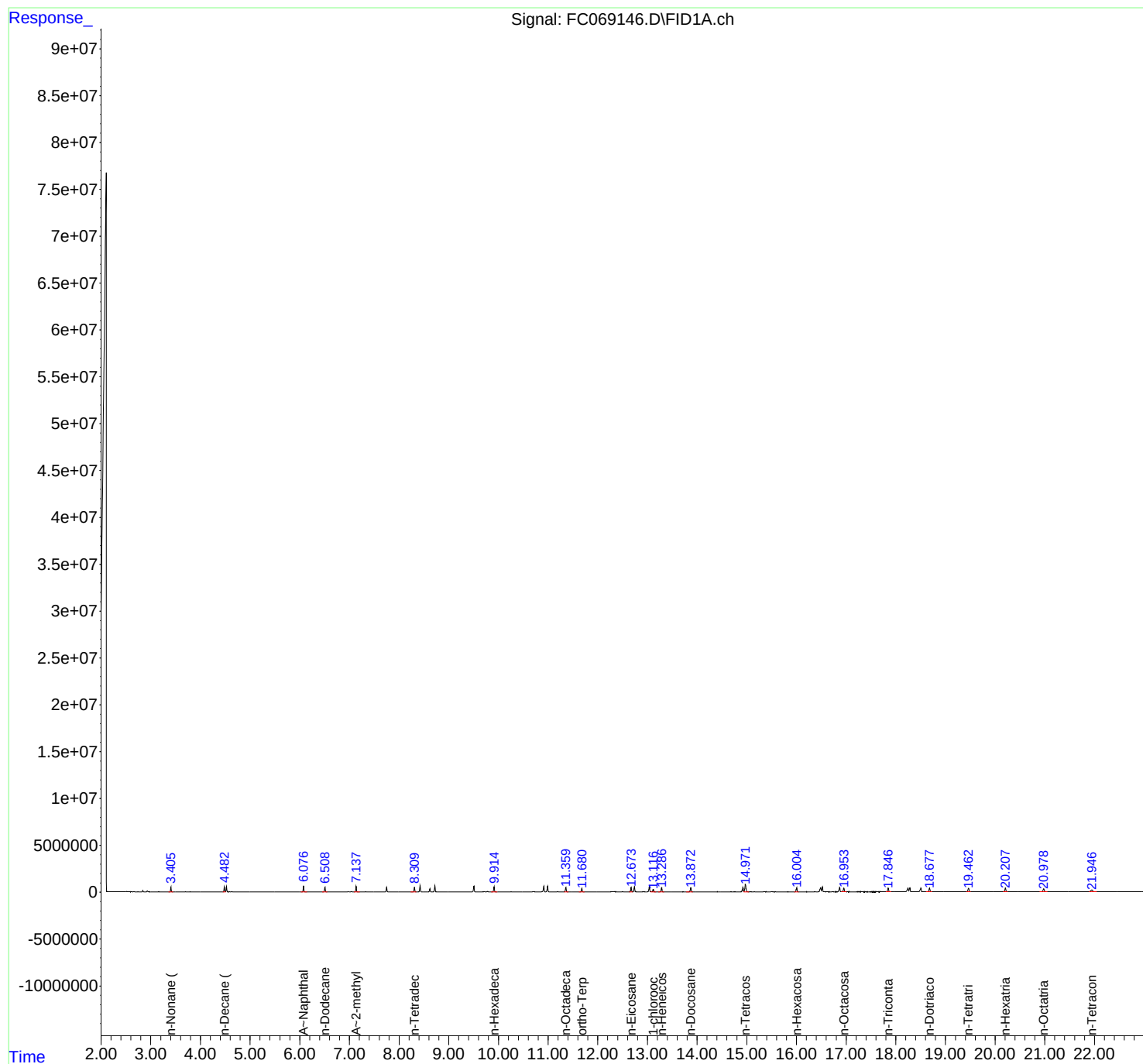
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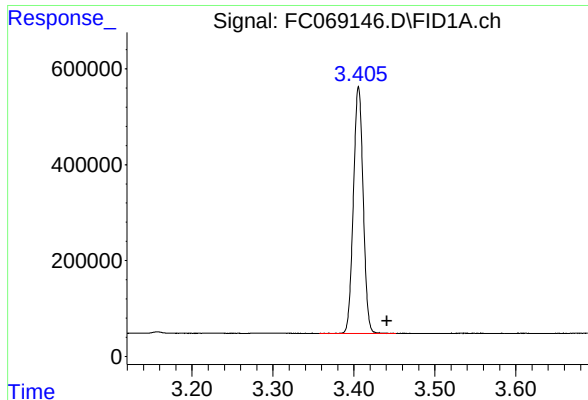
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#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: -0.035 min
Response: 4307068
Conc: 40.59 ug/ml

Instrument :

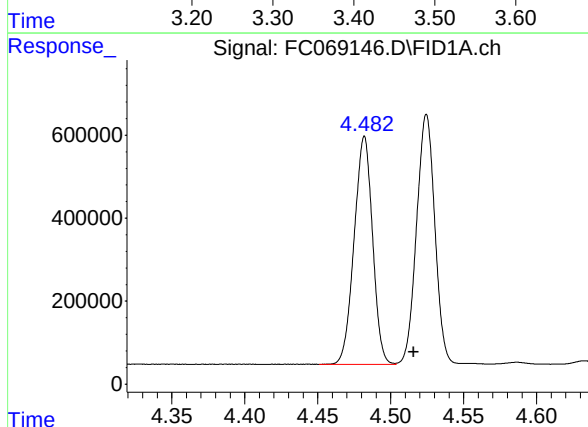
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ClientSampleId :

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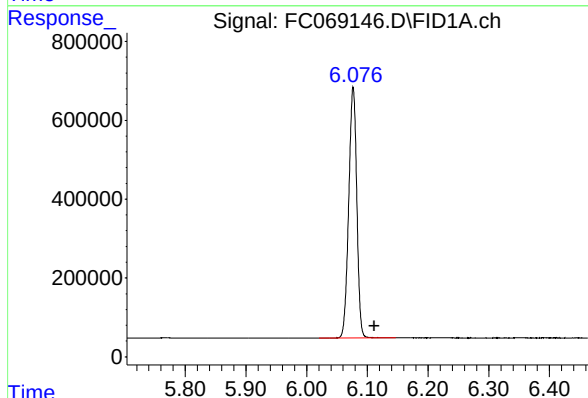
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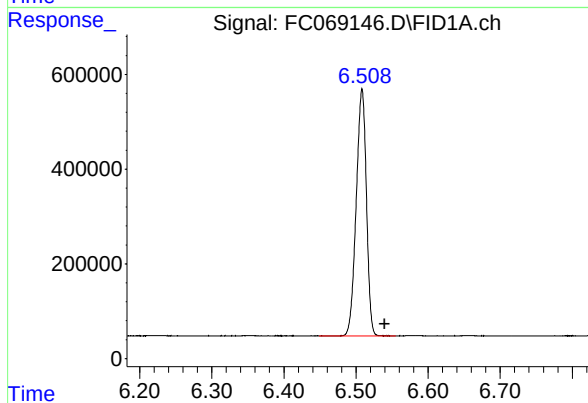
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.034 min
Response: 4823053
Conc: 45.54 ug/ml



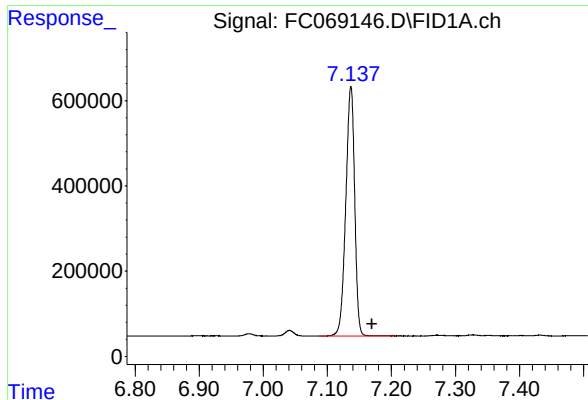
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.035 min
Response: 5859851
Conc: 50.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: -0.032 min
Response: 5122447
Conc: 48.73 ug/ml



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

R.T.: 7.137 min
Delta R.T.: -0.033 min
Response: 5605898
Conc: 49.45 ug/ml

Instrument :

FID_C

ClientSampleId :

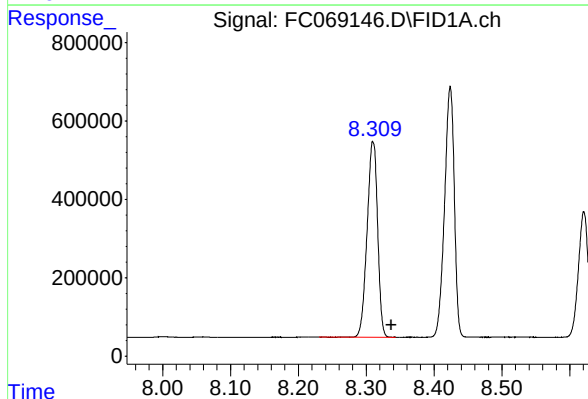
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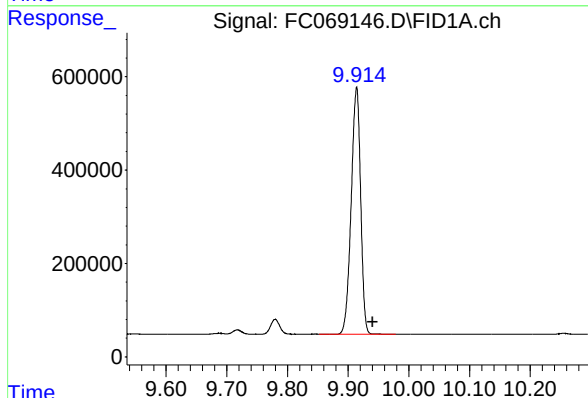
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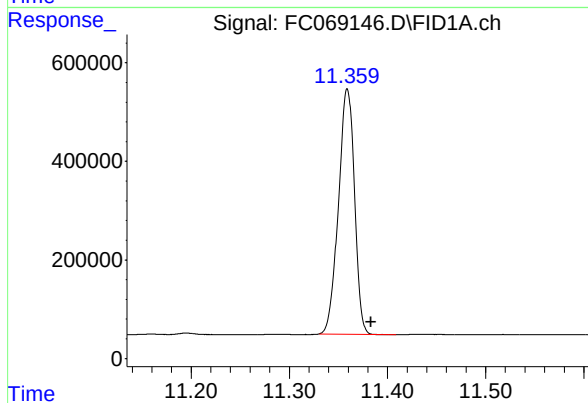
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.027 min
Response: 5380945
Conc: 52.50 ug/ml



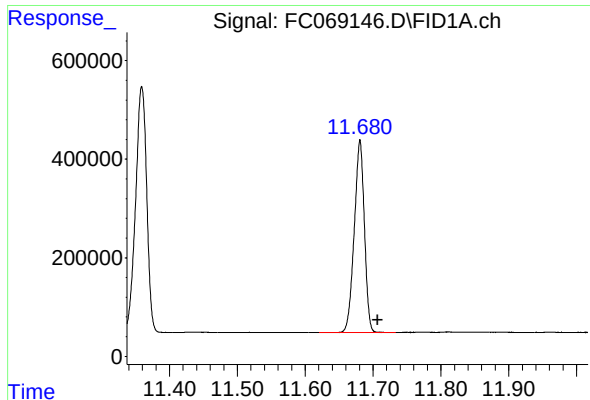
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.026 min
Response: 5714443
Conc: 56.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.024 min
Response: 5649487
Conc: 56.53 ug/ml



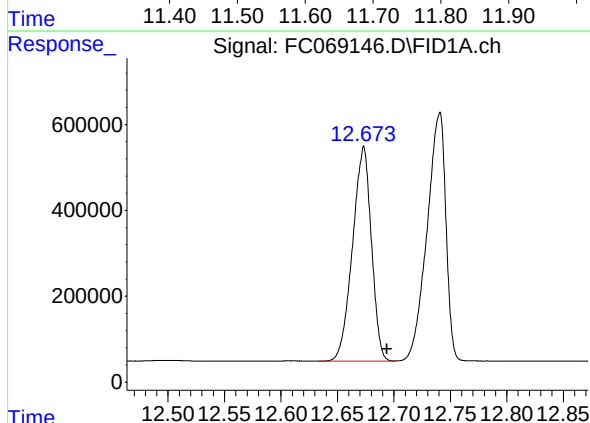
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: -0.026 min
Response: 4047909
Conc: 32.82 ug/ml

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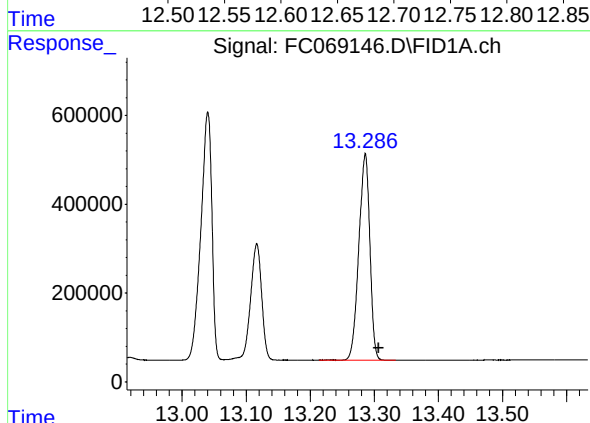
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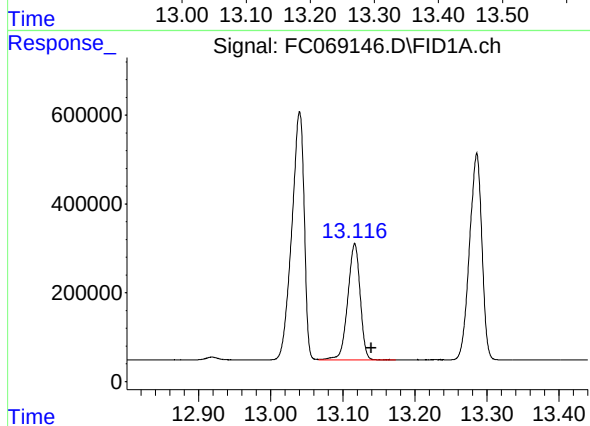
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: -0.021 min
Response: 5801670
Conc: 59.57 ug/ml



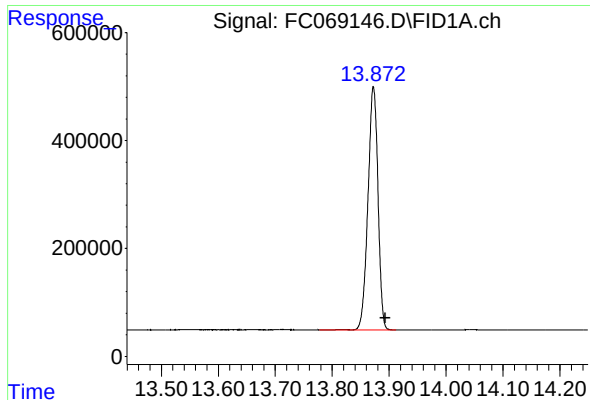
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: -0.021 min
Response: 5550539
Conc: 57.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: -0.023 min
Response: 3130383
Conc: 34.89 ug/ml



#13 n-Docosane (C22)

R.T.: 13.873 min
Delta R.T.: -0.021 min
Response: 5504748
Conc: 57.78 ug/ml

Instrument :

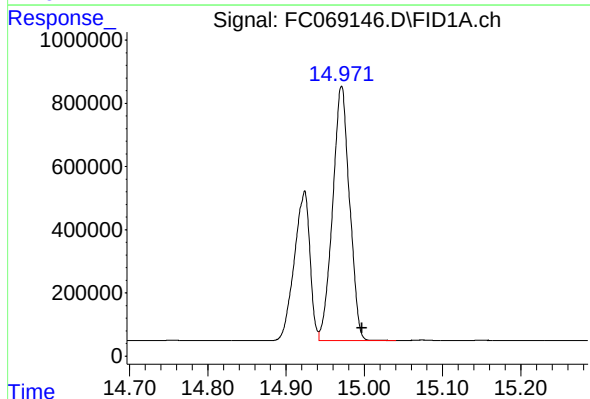
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ClientSampleId :

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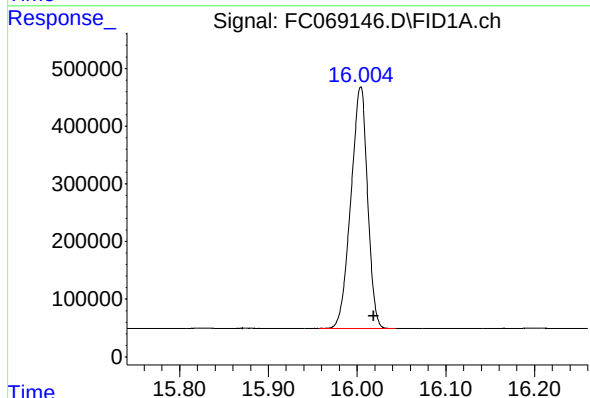
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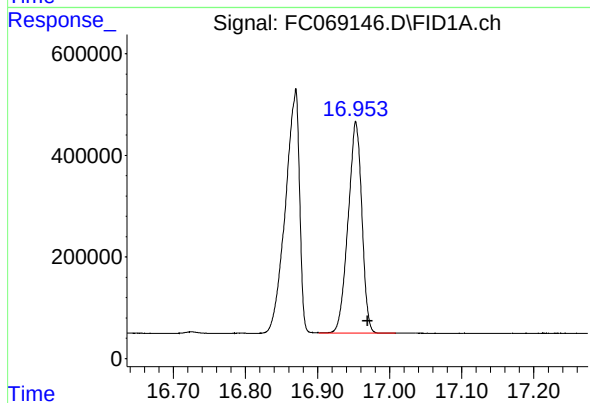
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: -0.026 min
Response: 12072657
Conc: 128.22 ug/ml



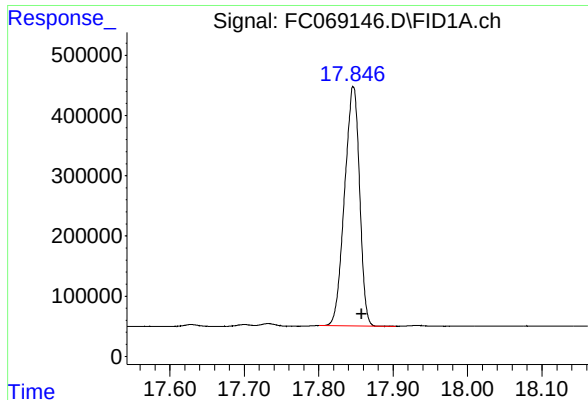
#15 n-Hexacosane (C26)

R.T.: 16.004 min
Delta R.T.: -0.015 min
Response: 5479920
Conc: 59.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.953 min
Delta R.T.: -0.016 min
Response: 5545384
Conc: 59.66 ug/ml



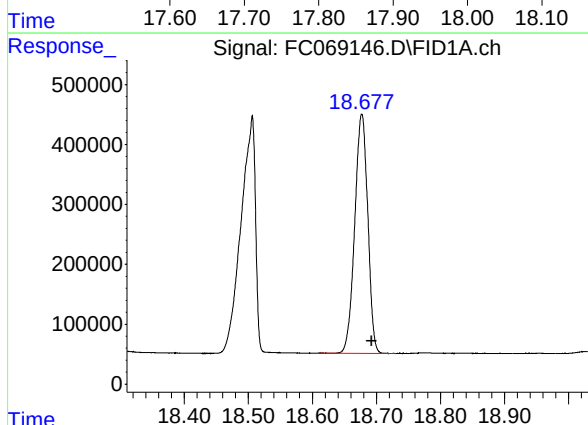
#17 n-Tricontane (C30)

R.T.: 17.846 min
Delta R.T.: -0.011 min
Response: 5568682
Conc: 57.55 ug/ml

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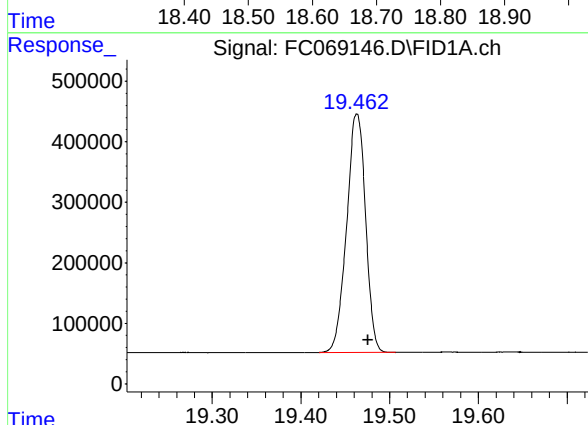
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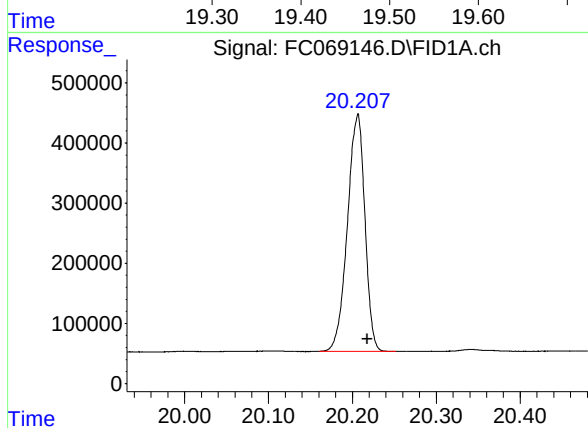
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: -0.015 min
Response: 5640729
Conc: 56.92 ug/ml



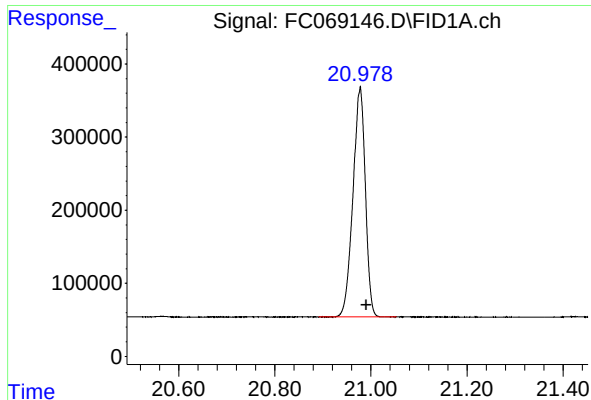
#19 n-Tetatriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.013 min
Response: 5848235
Conc: 60.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: -0.012 min
Response: 5707517
Conc: 60.12 ug/ml



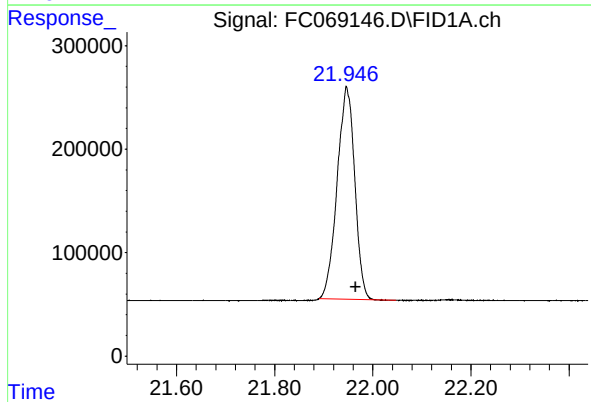
#21 n-Octatriacontane (C38)

R.T.: 20.977 min
Delta R.T.: -0.013 min
Response: 5640876
Conc: 61.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.018 min
Response: 5105698
Conc: 57.86 ug/ml