

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069569.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 18:44
 Operator : YP/AJ
 Sample : Q2740-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-07312025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2025
 Supervised By :mohammad ahmed 08/05/2025

Integration File: autoint1.e
 Quant Time: Aug 01 23:06:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.675	4034498	27.044 ug/ml
Spiked Amount 50.000		Recovery =	54.09%
12) S 1-chlorooctadecane (S...	13.111	3607257	33.087 ug/ml
Spiked Amount 50.000		Recovery =	66.17%
Target Compounds			
1) T n-Nonane (C9)	3.403	2776613	19.489 ug/ml
2) T n-Decane (C10)	4.476	3056357	21.023 ug/ml
3) T A~Naphthalene (C11.7)	6.073	3829746	24.682 ug/ml
4) T n-Dodecane (C12)	6.501	3293670	22.531 ug/ml
5) T A~2-methylnaphthalene...	7.132	3566722	24.218 ug/ml
6) T n-Tetradecane (C14)	8.302	3432213	24.050 ug/ml
7) T n-Hexadecane (C16)	9.906	3635484	25.218 ug/ml
8) T n-Octadecane (C18)	11.351	3379835	23.901 ug/ml
10) T n-Eicosane (C20)	12.664	3649896	27.708 ug/ml
11) T n-Heneicosane (C21)	13.277	3372503	26.442 ug/ml
13) T n-Docosane (C22)	13.864	3349323	26.812 ug/ml
14) T n-Tetracosane (C24)	14.965	7256140	60.131 ug/ml
15) T n-Hexacosane (C26)	15.994	3086096	26.708 ug/ml
16) T n-Octacosane (C28)	16.945	3381716	30.170 ug/ml
17) T n-Tricontane (C30)	17.836	3058474	26.712 ug/ml
18) T n-Dotriacontane (C32)	18.669	2777509	25.004 ug/mlm
19) T n-Tetratriacontane (C34)	19.455	2810700	27.604 ug/ml
20) T n-Hexatriacontane (C36)	20.195	2914411	32.686 ug/mlm
21) T n-Octatriacontane (C38)	20.965	2810518	34.938 ug/mlm
22) T n-Tetracontane (C40)	21.938	2833122	37.835 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

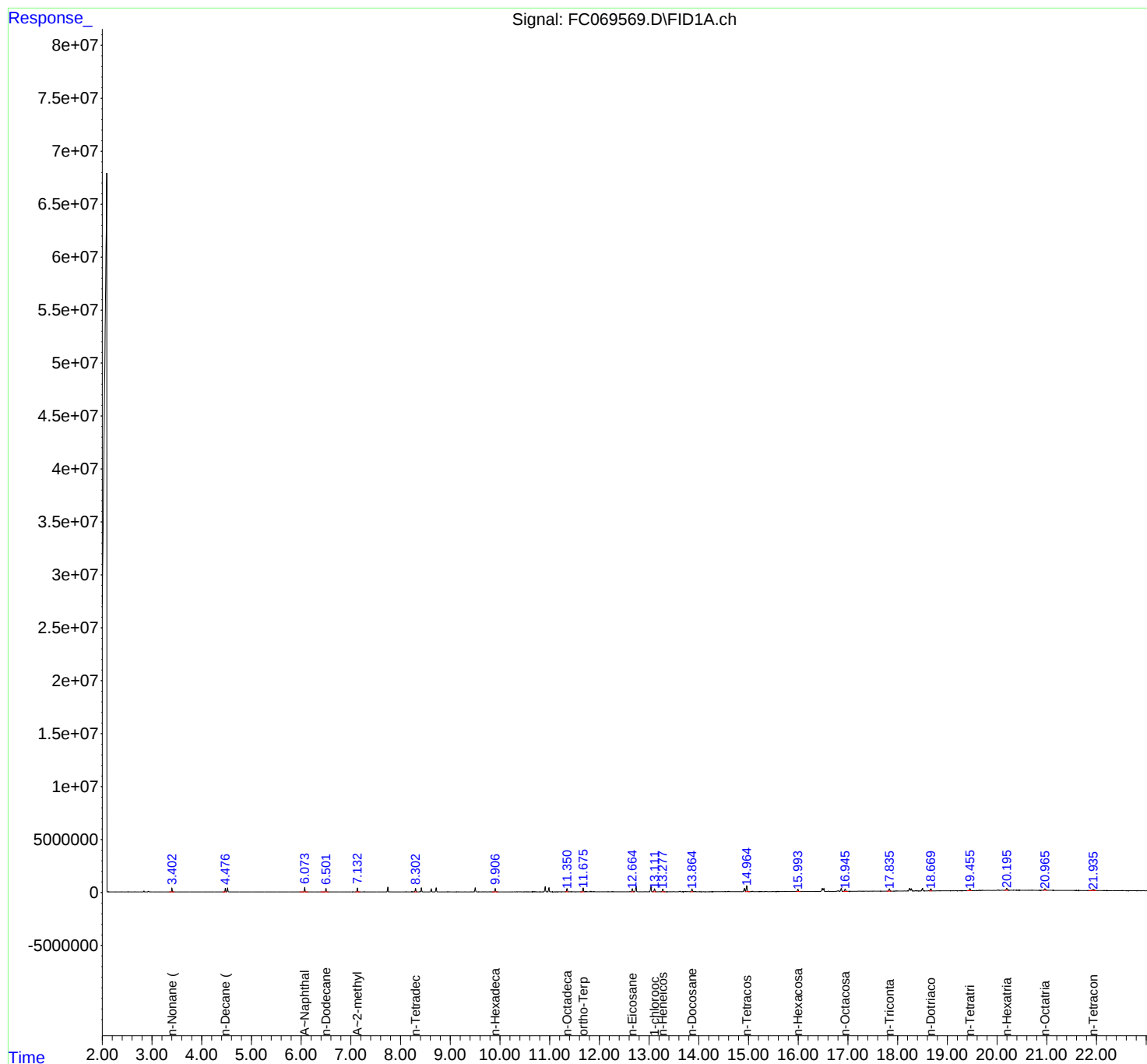
Instrument :
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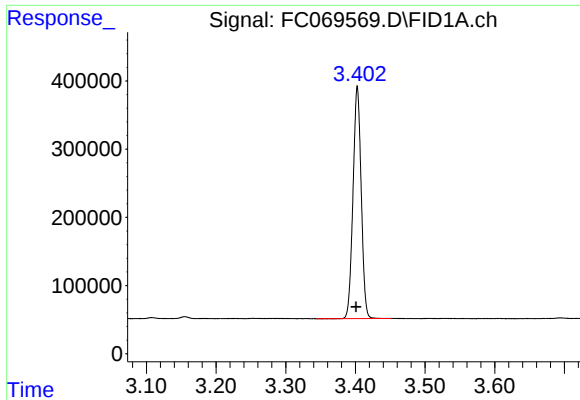
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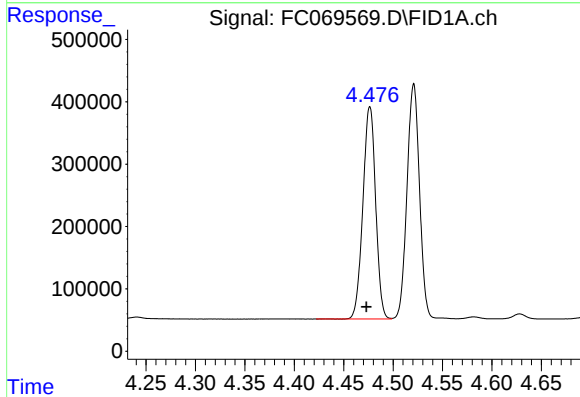
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: 0.002 min
Response: 2776613
Conc: 19.49 ug/ml

Instrument :
FID_C
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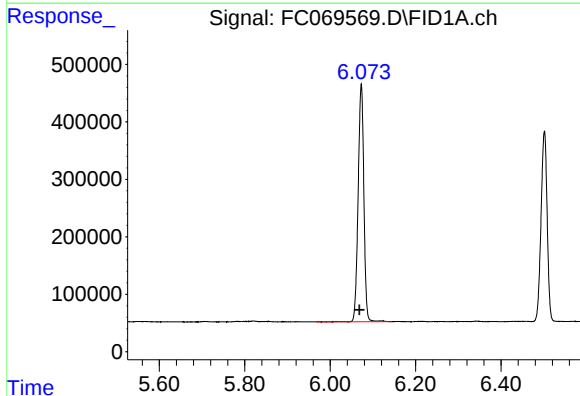
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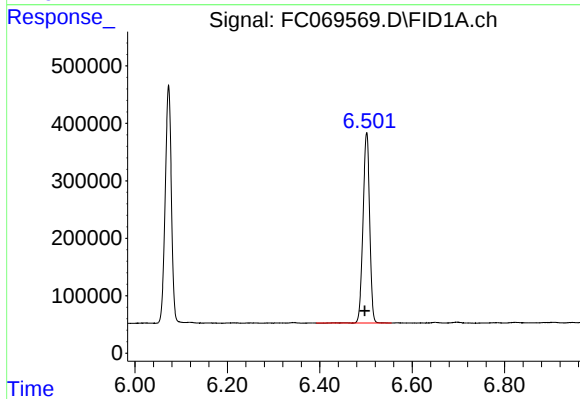
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.003 min
Response: 3056357
Conc: 21.02 ug/ml



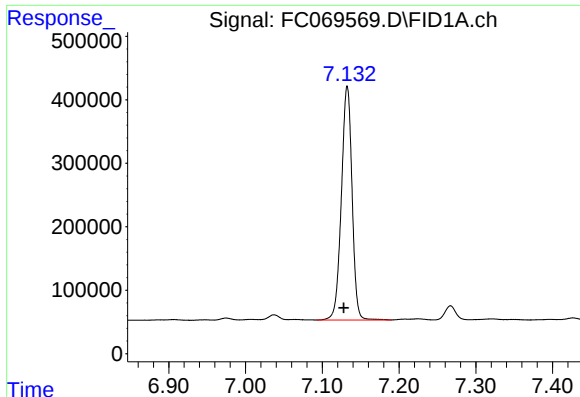
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 3829746
Conc: 24.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: 0.004 min
Response: 3293670
Conc: 22.53 ug/ml



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

R.T.: 7.132 min
Delta R.T.: 0.004 min
Response: 3566722
Conc: 24.22 ug/ml

Instrument :

FID_C

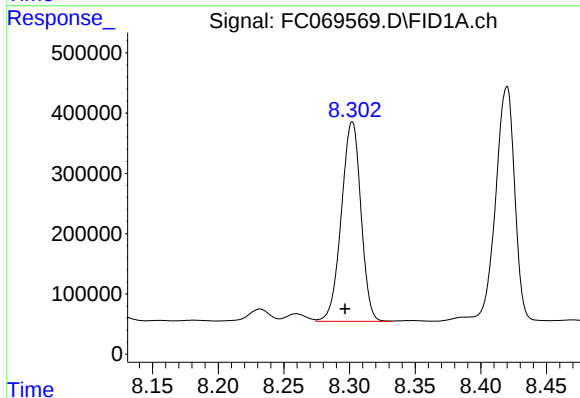
ClientSampleId :

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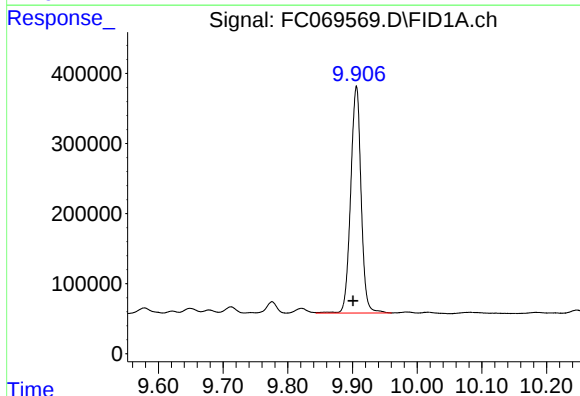
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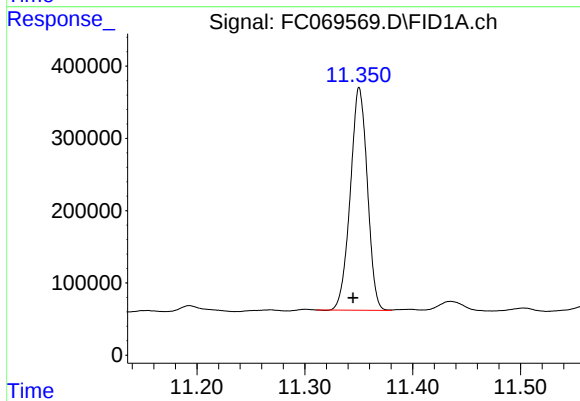
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: 0.005 min
Response: 3432213
Conc: 24.05 ug/ml



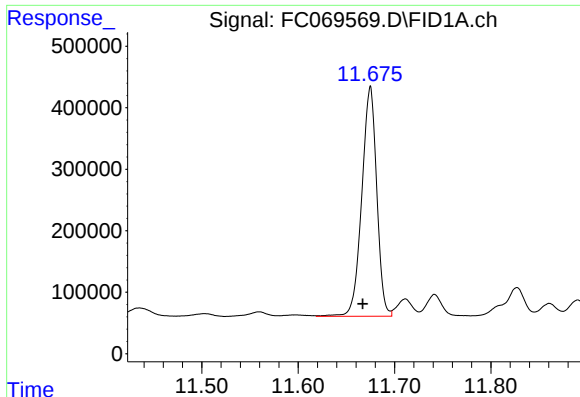
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.005 min
Response: 3635484
Conc: 25.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.006 min
Response: 3379835
Conc: 23.90 ug/ml



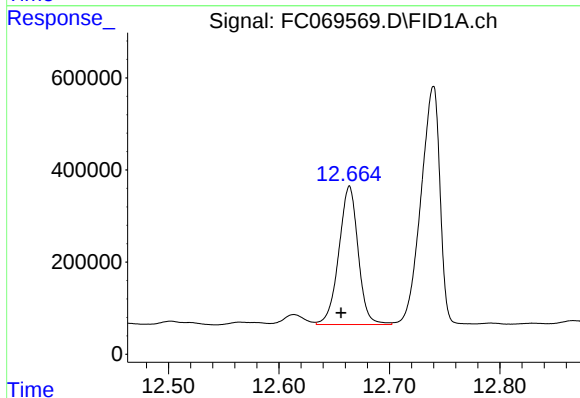
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: 0.008 min
Response: 4034498
Conc: 27.04 ug/ml

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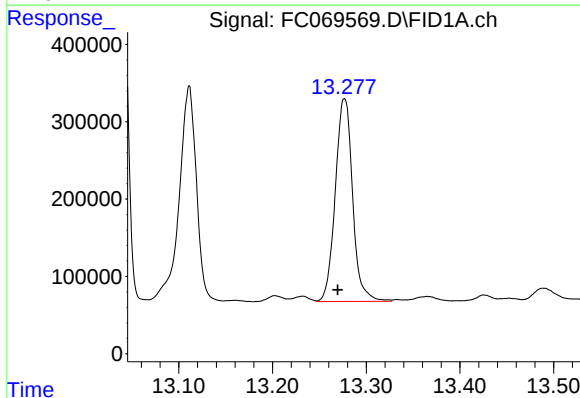
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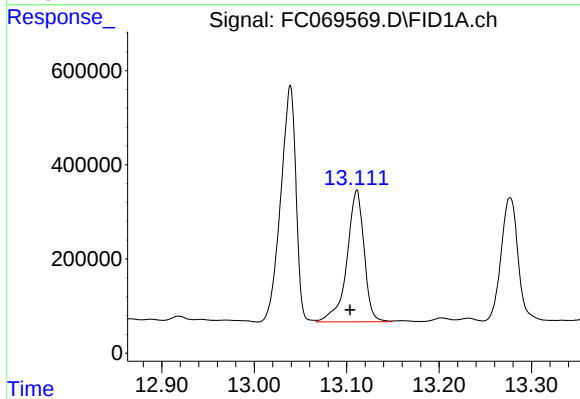
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: 0.007 min
Response: 3649896
Conc: 27.71 ug/ml



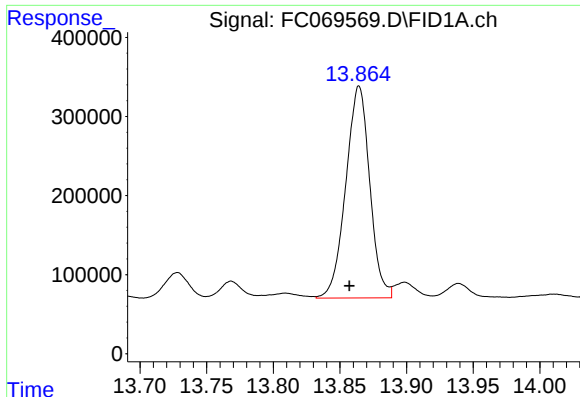
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: 0.007 min
Response: 3372503
Conc: 26.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 3607257
Conc: 33.09 ug/ml



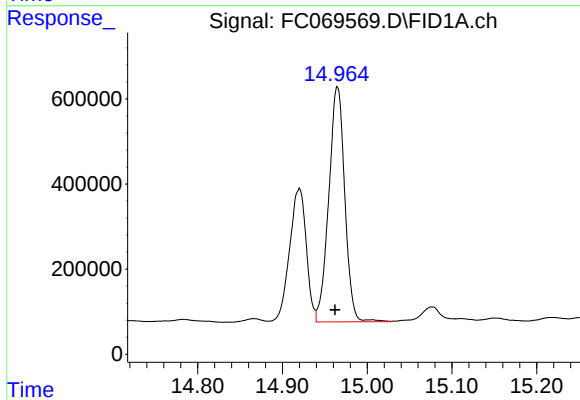
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: 0.007 min
Response: 3349323
Conc: 26.81 ug/ml

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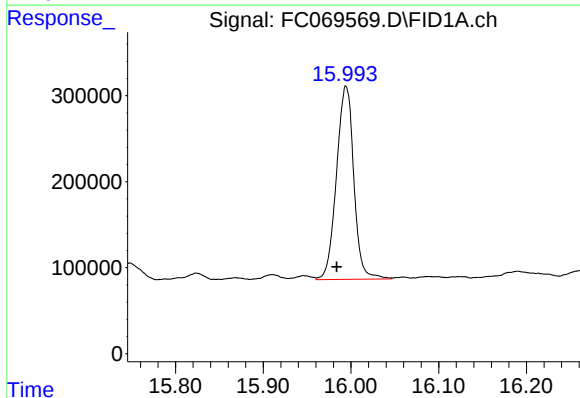
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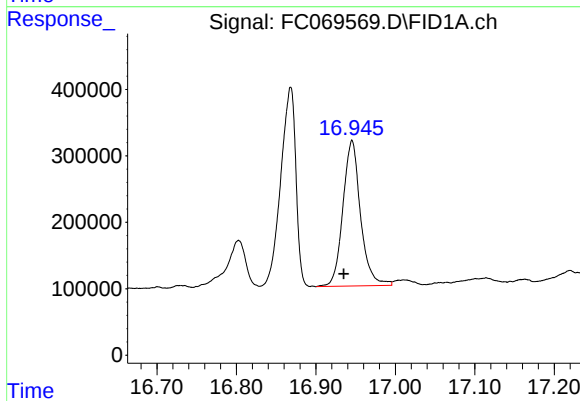
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: 0.003 min
Response: 7256140
Conc: 60.13 ug/ml



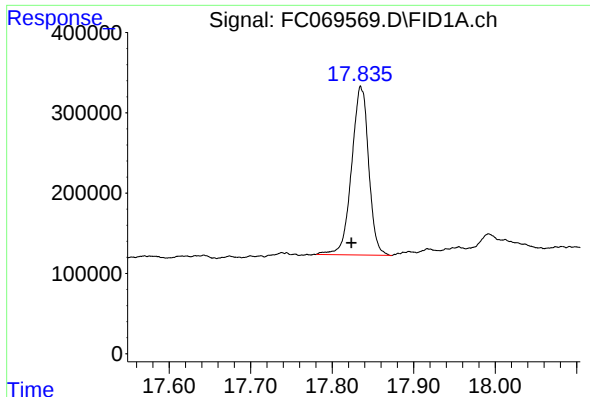
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: 0.011 min
Response: 3086096
Conc: 26.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: 0.010 min
Response: 3381716
Conc: 30.17 ug/ml



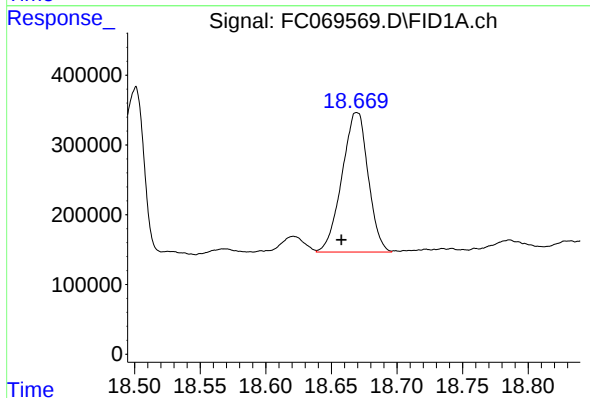
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: 0.012 min
Response: 3058474
Conc: 26.71 ug/ml

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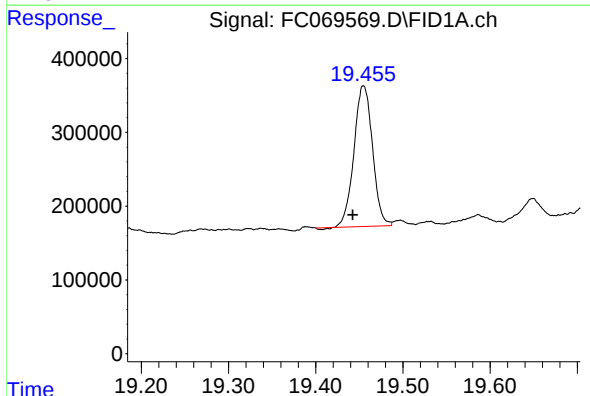
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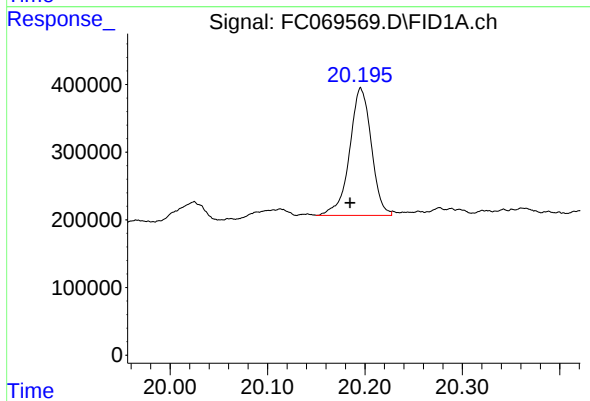
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.011 min
Response: 2777509
Conc: 25.00 ug/ml m



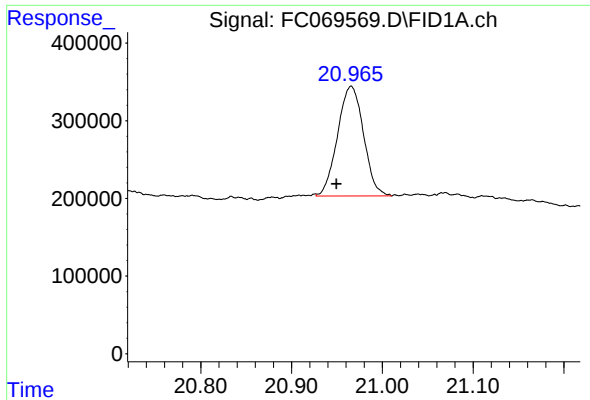
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: 0.012 min
Response: 2810700
Conc: 27.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: 0.010 min
Response: 2914411
Conc: 32.69 ug/ml m



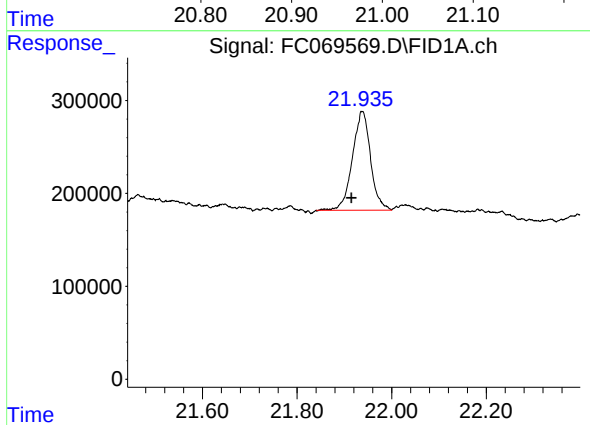
#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: 0.016 min
Response: 2810518
Conc: 34.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: 0.023 min
Response: 2833122
Conc: 37.83 ug/ml