

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069269.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 15:22
 Operator : YP/AJ
 Sample : PB168596BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168596BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
 Quant Time: Jun 25 00:40:21 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)	11.680	6192271	35.843 ug/ml
Spiked Amount 50.000		Recovery =	71.69%
12) S 1-chlorooctadecane (S...	13.115	4875041	37.316 ug/ml
Spiked Amount 50.000		Recovery =	74.63%
Target Compounds			
1) T n-Nonane (C9)	3.425	5448257	38.309 ug/ml
2) T n-Decane (C10)	4.490	5870039	40.097 ug/ml
3) T A~Naphthalene (C11.7)	6.080	7184972	44.656 ug/ml
4) T n-Dodecane (C12)	6.509	6168495	40.736 ug/ml
5) T A~2-methylnaphthalene...	7.138	6684071	42.238 ug/ml
6) T n-Tetradecane (C14)	8.309	6222633	40.145 ug/ml
7) T n-Hexadecane (C16)	9.913	6193464	37.900 ug/ml
8) T n-Octadecane (C18)	11.358	5944927	36.412 ug/ml
10) T n-Eicosane (C20)	12.670	5845551	38.296 ug/ml
11) T n-Heneicosane (C21)	13.282	5497907	37.301 ug/ml
13) T n-Docosane (C22)	13.870	5346716	37.160 ug/ml
14) T n-Tetracosane (C24)	14.968	10397264	75.380 ug/ml
15) T n-Hexacosane (C26)	15.998	4857382	37.158 ug/ml
16) T n-Octacosane (C28)	16.949	4624109	37.494 ug/ml
17) T n-Tricontane (C30)	17.839	4458674	37.505 ug/ml
18) T n-Dotriacontane (C32)	18.671	4294428	39.277 ug/ml
19) T n-Tetratriacontane (C34)	19.457	4379790	45.355 ug/ml
20) T n-Hexatriacontane (C36)	20.199	4172355	50.628 ug/ml
21) T n-Octatriacontane (C38)	20.968	4277199	57.235 ug/ml
22) T n-Tetracontane (C40)	21.933	4282393	60.472 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
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Operator : YP/AJ
Sample : PB168596BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

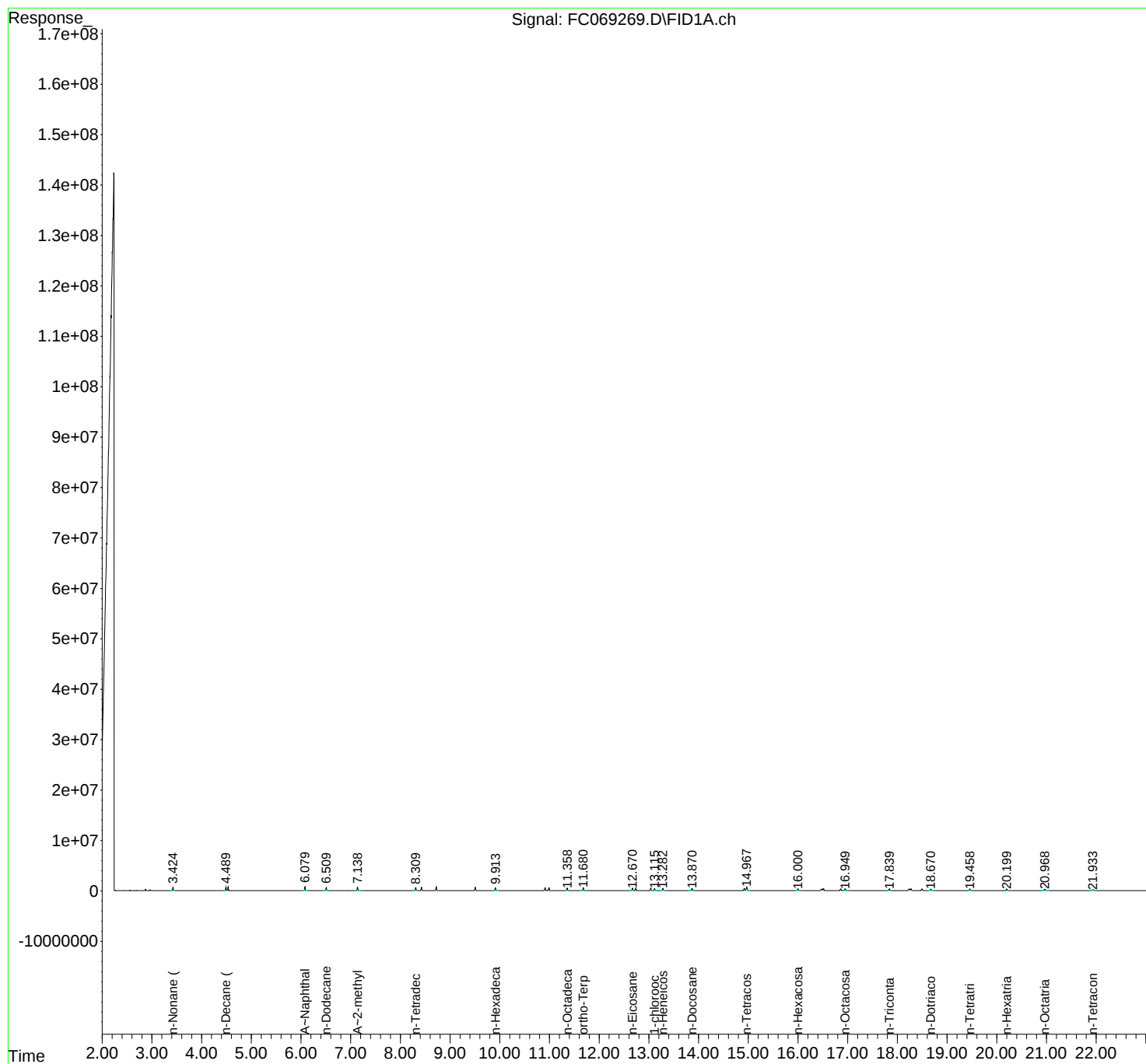
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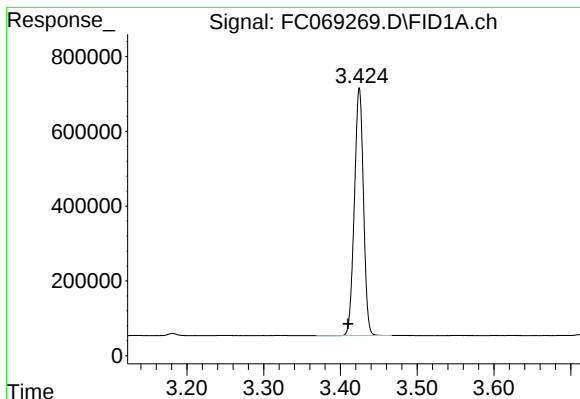
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#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.015 min
Response: 5448257
Conc: 38.31 ug/ml

Instrument :

FID_C

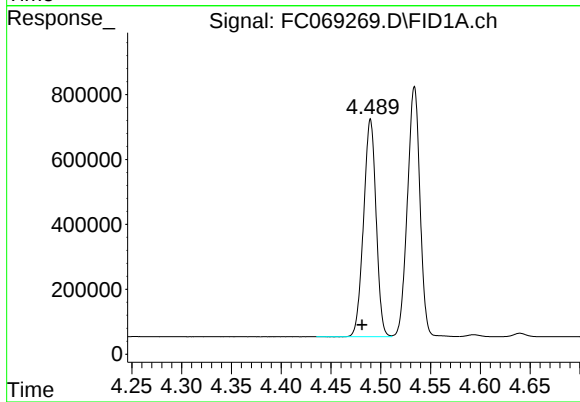
ClientSampleId :

PB168596BSD

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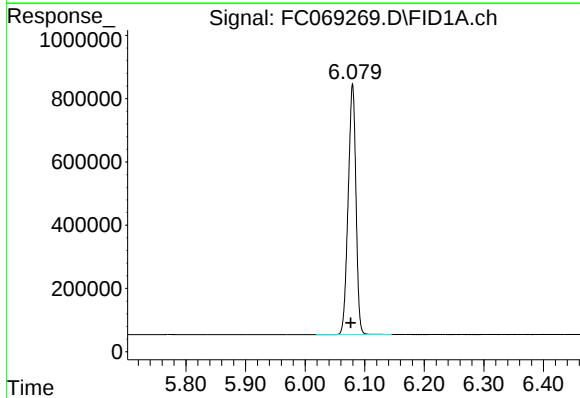
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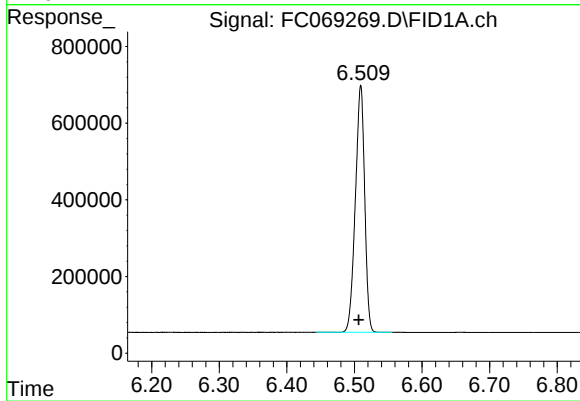
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.008 min
Response: 5870039
Conc: 40.10 ug/ml



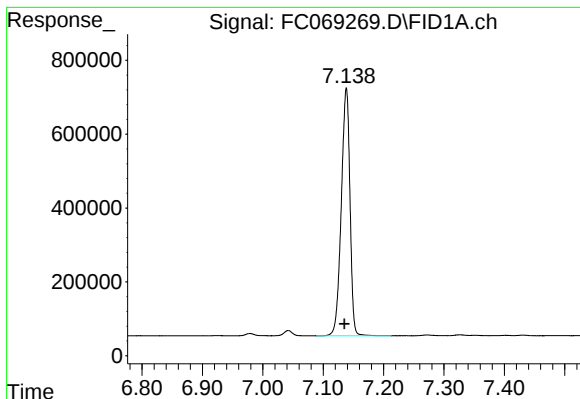
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 7184972
Conc: 44.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: 0.003 min
Response: 6168495
Conc: 40.74 ug/ml



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

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 6684071
Conc: 42.24 ug/ml

Instrument :

FID_C

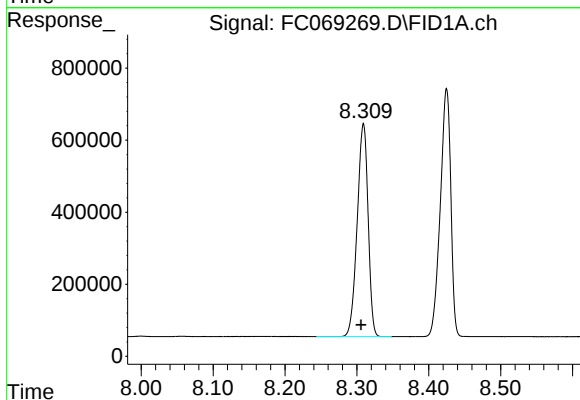
ClientSampleId :

PB168596BSD

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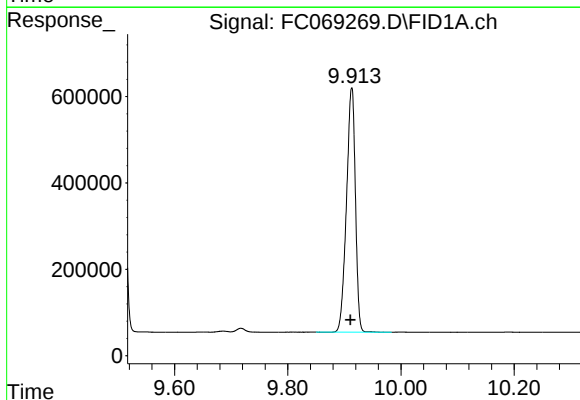
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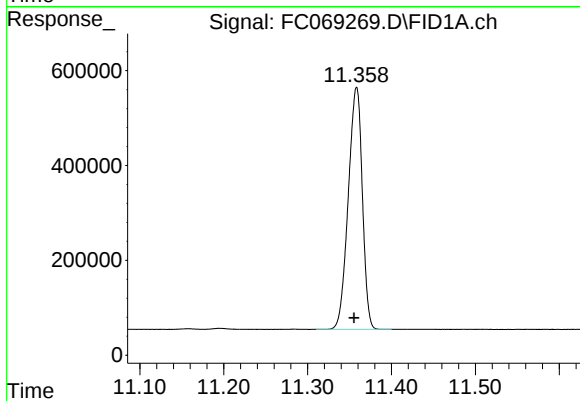
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 6222633
Conc: 40.14 ug/ml



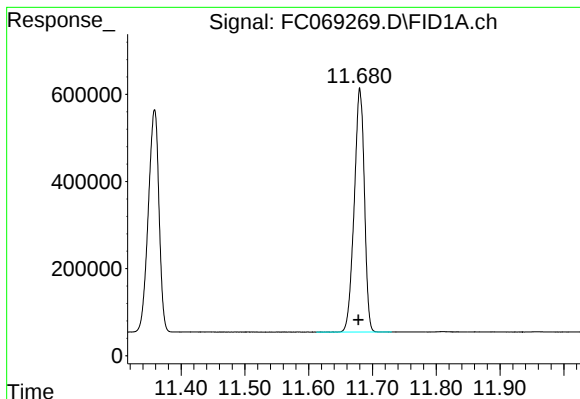
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.002 min
Response: 6193464
Conc: 37.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 5944927
Conc: 36.41 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.003 min
Response: 6192271
Conc: 35.84 ug/ml

Instrument :

FID_C

ClientSampleId :

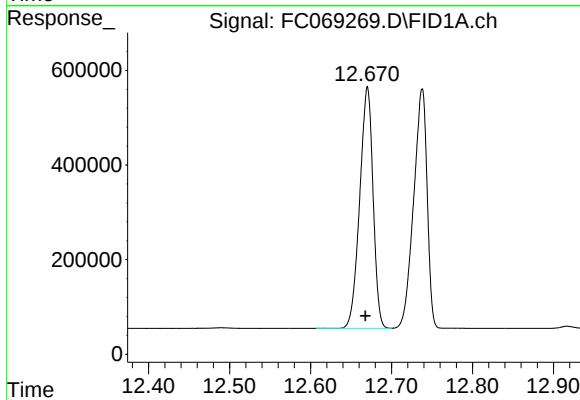
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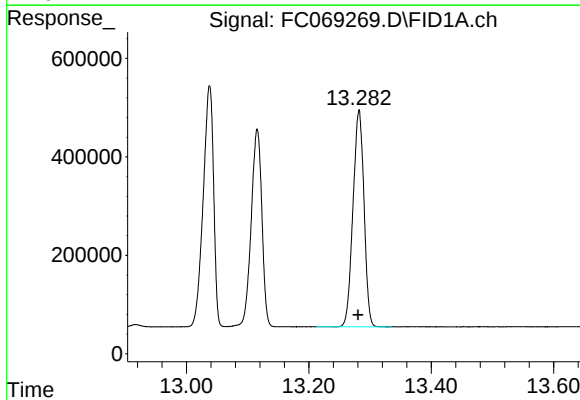
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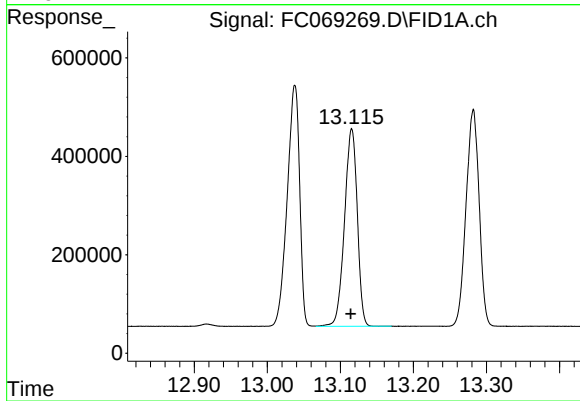
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 5845551
Conc: 38.30 ug/ml



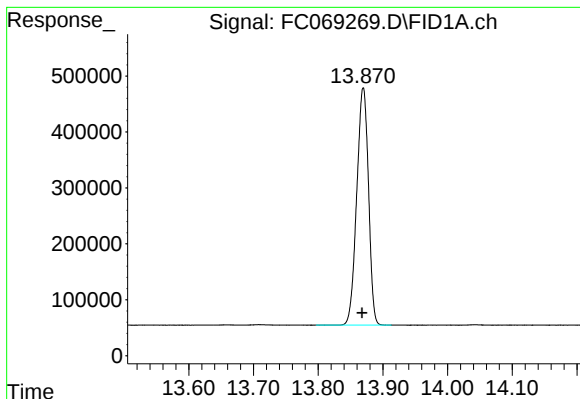
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.001 min
Response: 5497907
Conc: 37.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.001 min
Response: 4875041
Conc: 37.32 ug/ml



#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.001 min
Response: 5346716
Conc: 37.16 ug/ml

Instrument :

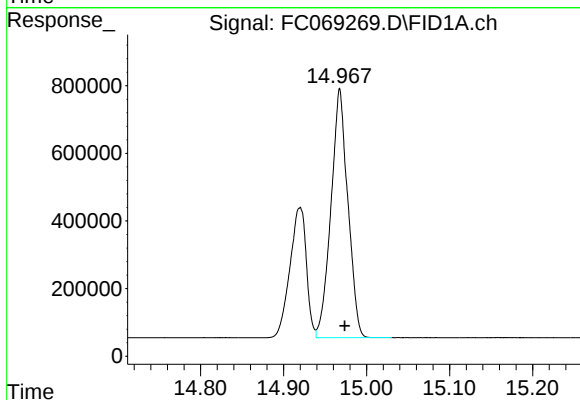
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ClientSampleId :

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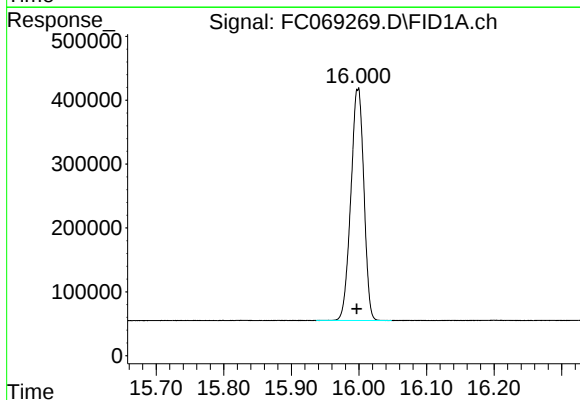
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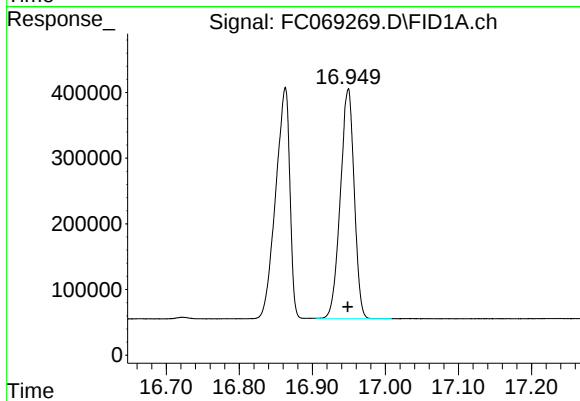
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.006 min
Response: 10397264
Conc: 75.38 ug/ml



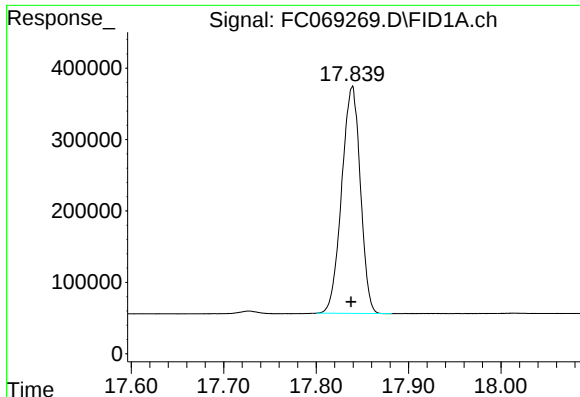
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.002 min
Response: 4857382
Conc: 37.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 4624109
Conc: 37.49 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: 0.001 min
Response: 4458674
Conc: 37.50 ug/ml

Instrument :

FID_C

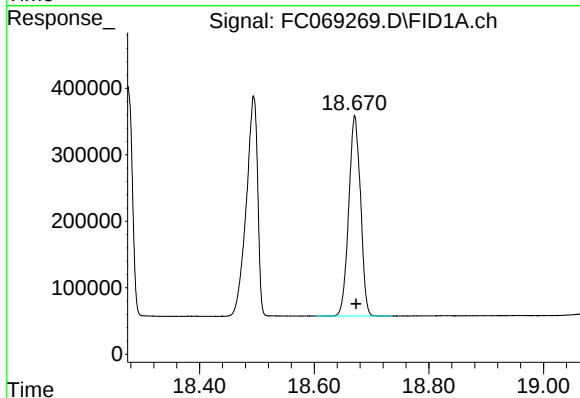
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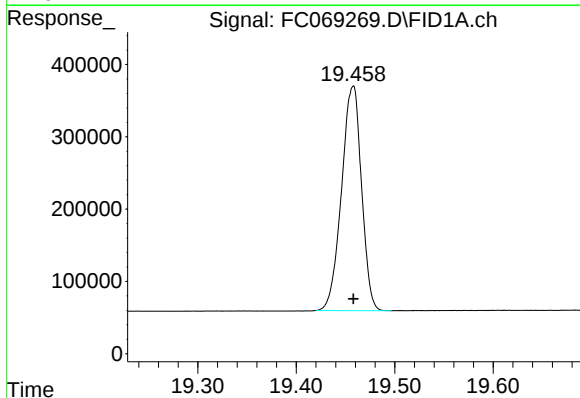
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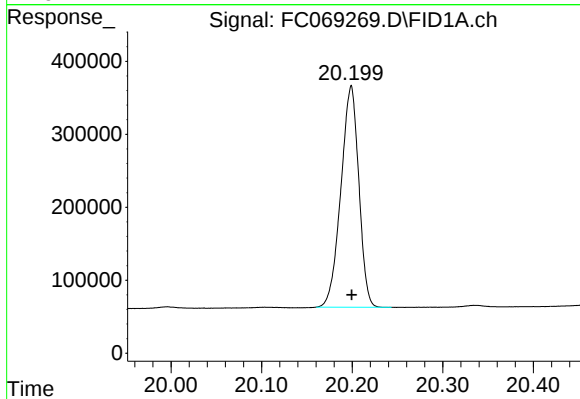
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 4294428
Conc: 39.28 ug/ml



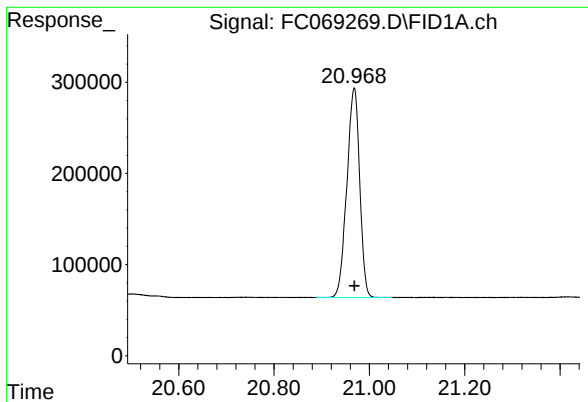
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.000 min
Response: 4379790
Conc: 45.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.199 min
Delta R.T.: -0.001 min
Response: 4172355
Conc: 50.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: 0.000 min
Response: 4277199
Conc: 57.24 ug/ml

Instrument :

FID_C

ClientSampleId :

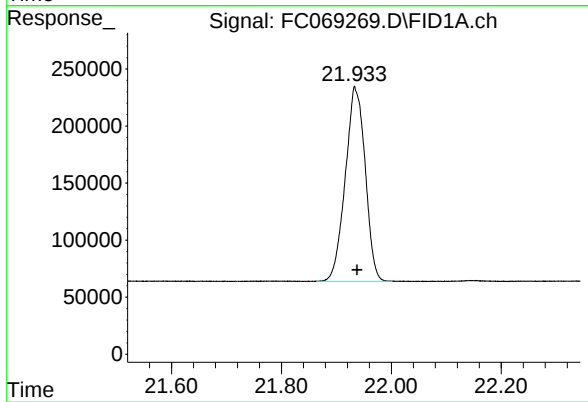
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#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.005 min
Response: 4282393
Conc: 60.47 ug/ml m