

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
 Data File : FC069684.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2025 22:06
 Operator : YP/AJ
 Sample : Q2870-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DRILL CUTTING 6-9 COMPMDS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2025
 Supervised By :mohammad ahmed 08/19/2025

Integration File: autoint1.e
 Quant Time: Aug 18 01:23:20 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)	11.661	4565368	30.602 ug/ml
Spiked Amount 50.000		Recovery =	61.20%
12) S 1-chlorooctadecane (S...	13.097	3495997	32.066 ug/ml
Spiked Amount 50.000		Recovery =	64.13%
Target Compounds			
1) T n-Nonane (C9)	3.392	2965664	20.816 ug/ml
2) T n-Decane (C10)	4.466	3372015	23.194 ug/ml
3) T A~Naphthalene (C11.7)	6.060	3982732	25.668 ug/ml
4) T n-Dodecane (C12)	6.491	3723776	25.473 ug/ml
5) T A~2-methylnaphthalene...	7.120	3818486	25.928 ug/ml
6) T n-Tetradecane (C14)	8.291	3892583	27.276 ug/ml
7) T n-Hexadecane (C16)	9.894	4051696	28.106 ug/ml
8) T n-Octadecane (C18)	11.339	3948463	27.922 ug/ml
10) T n-Eicosane (C20)	12.650	3931135	29.843 ug/ml
11) T n-Heneicosane (C21)	13.264	3732576	29.265 ug/ml
13) T n-Docosane (C22)	13.851	3641616	29.151 ug/ml
14) T n-Tetracosane (C24)	14.946	7135649	59.133 ug/ml
15) T n-Hexacosane (C26)	15.978	3374199	29.201 ug/ml
16) T n-Octacosane (C28)	16.929	3258792	29.073 ug/mlm
17) T n-Tricontane (C30)	17.819	3231344	28.222 ug/ml
18) T n-Dotriacontane (C32)	18.651	3258671	29.336 ug/ml
19) T n-Tetratriacontane (C34)	19.436	3316888	32.575 ug/ml
20) T n-Hexatriacontane (C36)	20.177	3119732	34.988 ug/ml
21) T n-Octatriacontane (C38)	20.940	3120999	38.798 ug/ml
22) T n-Tetracontane (C40)	21.900	3008274	40.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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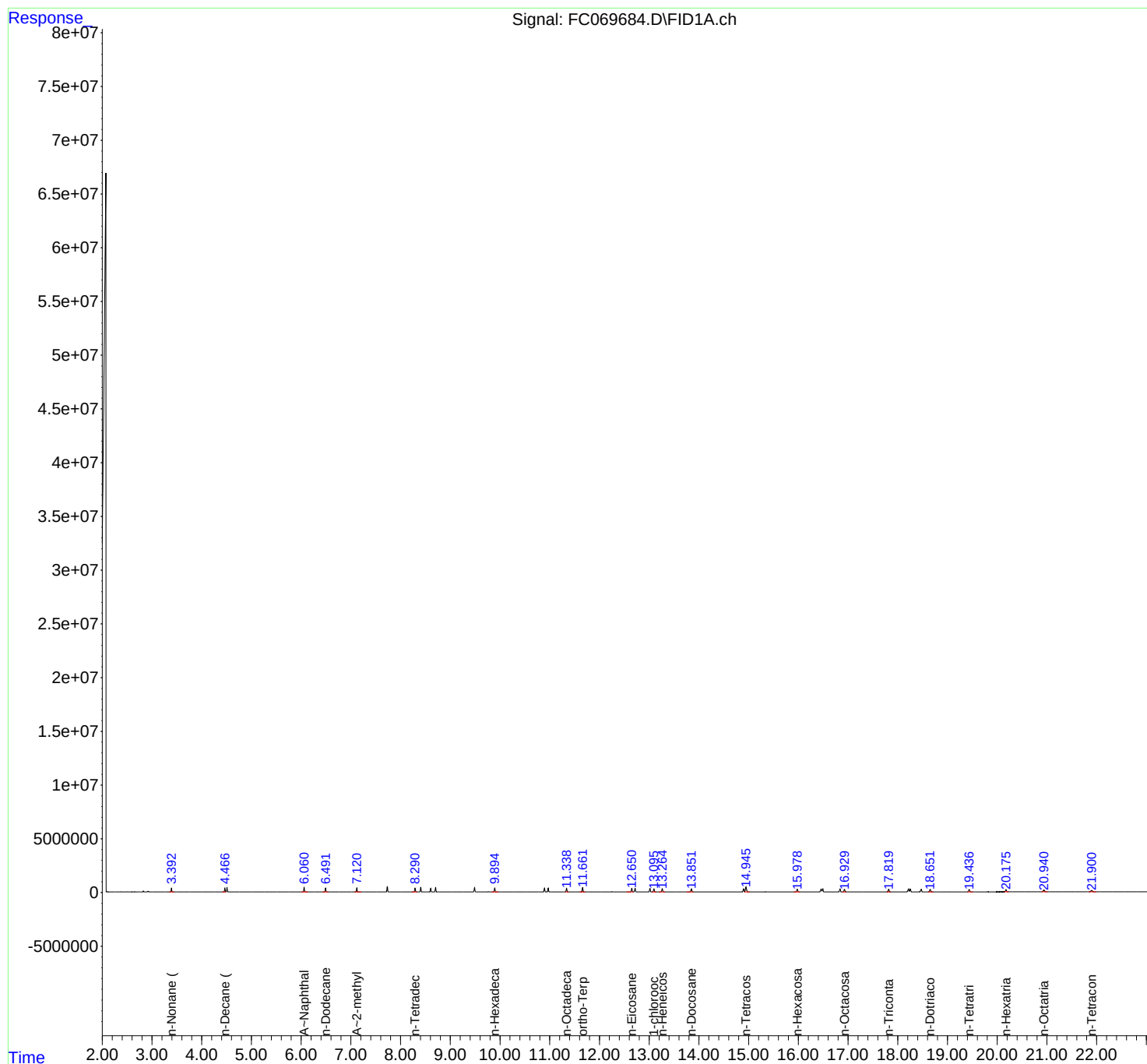
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DRILL CUTTING 6-9 COMPMSD

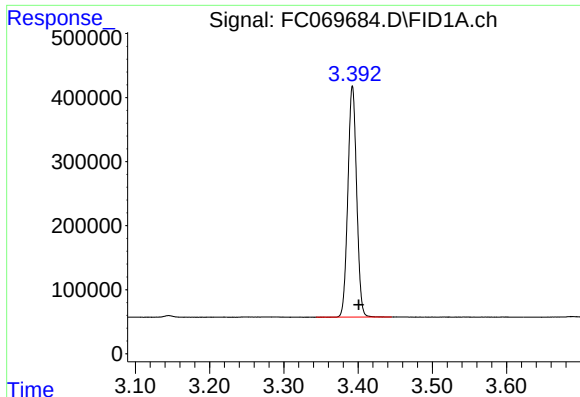
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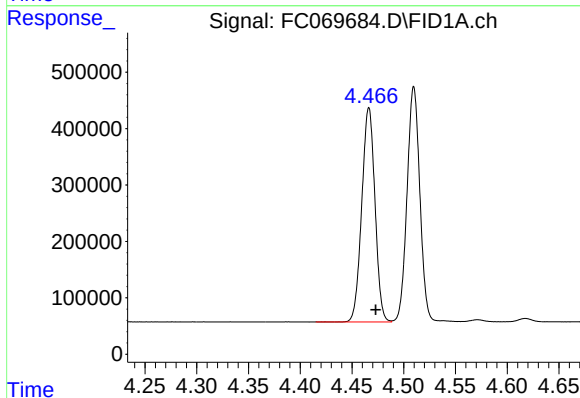
#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: -0.009 min
Response: 2965664
Conc: 20.82 ug/ml

Instrument :
FID_C
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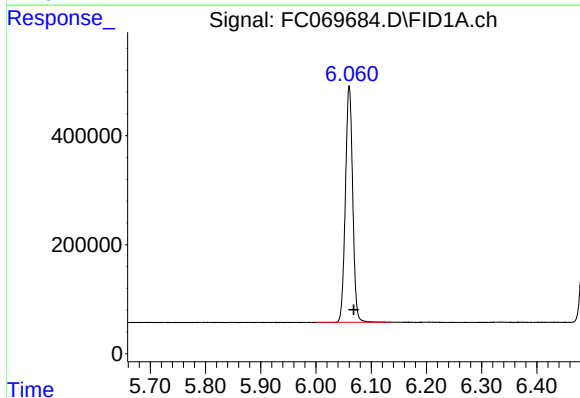
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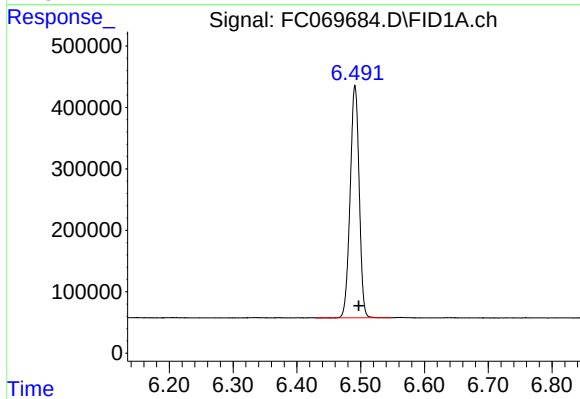
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 3372015
Conc: 23.19 ug/ml



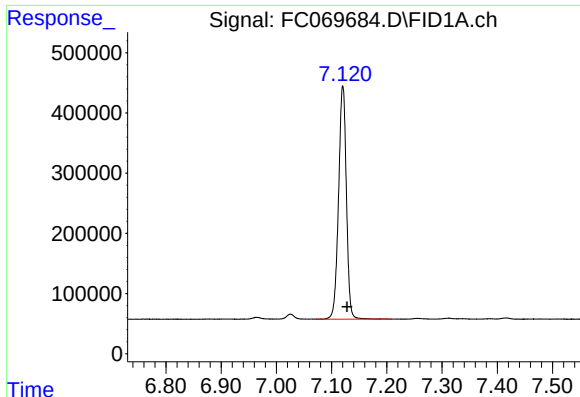
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.008 min
Response: 3982732
Conc: 25.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 3723776
Conc: 25.47 ug/ml



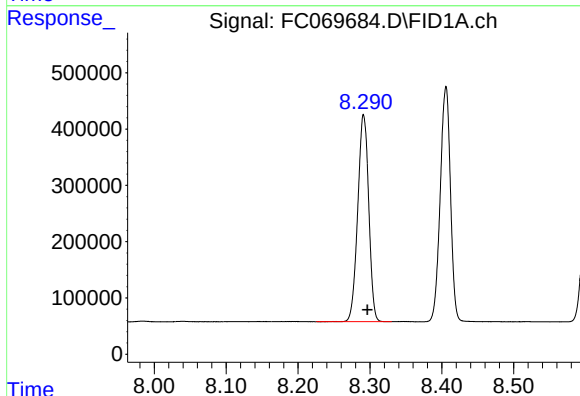
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 3818486
Conc: 25.93 ug/ml

Instrument :
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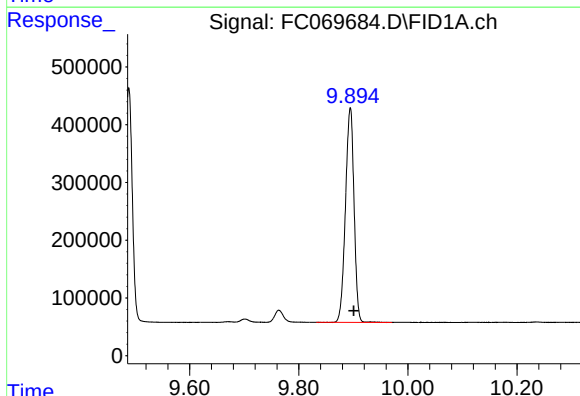
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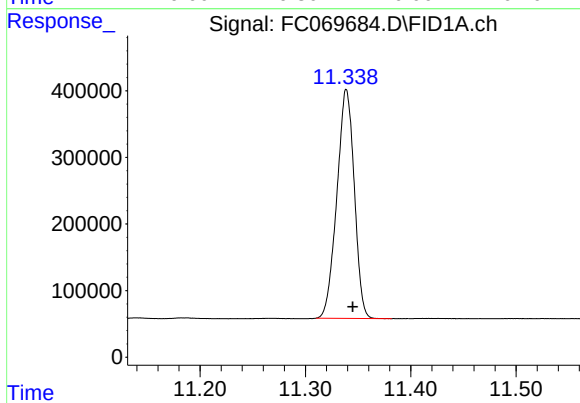
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 3892583
Conc: 27.28 ug/ml



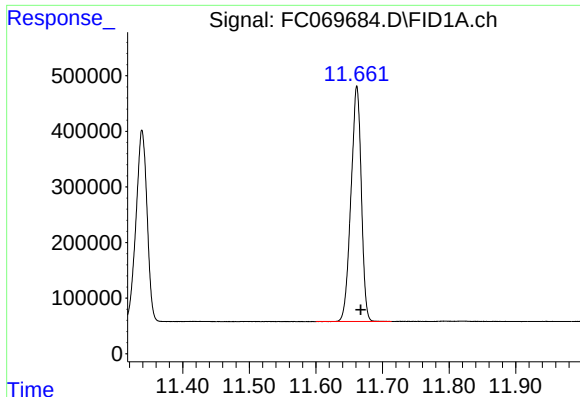
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.007 min
Response: 4051696
Conc: 28.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.006 min
Response: 3948463
Conc: 27.92 ug/ml



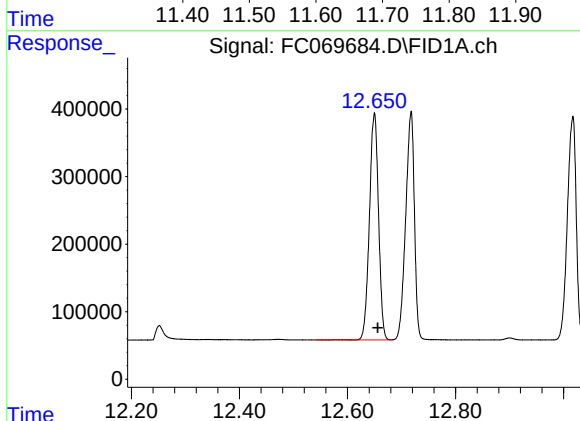
#9 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.006 min
Response: 4565368
Conc: 30.60 ug/ml

Instrument :
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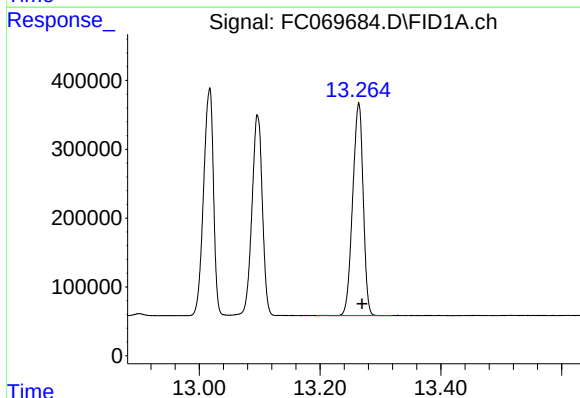
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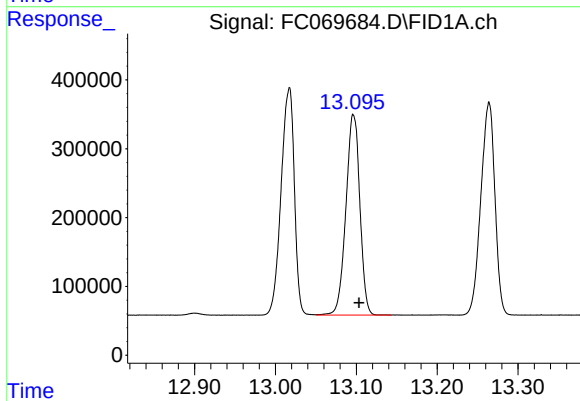
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: -0.007 min
Response: 3931135
Conc: 29.84 ug/ml



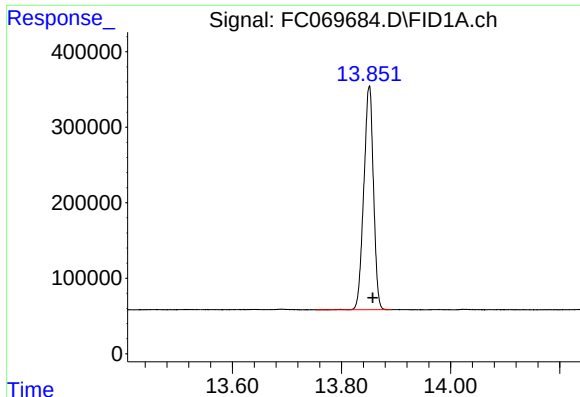
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.006 min
Response: 3732576
Conc: 29.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: -0.007 min
Response: 3495997
Conc: 32.07 ug/ml



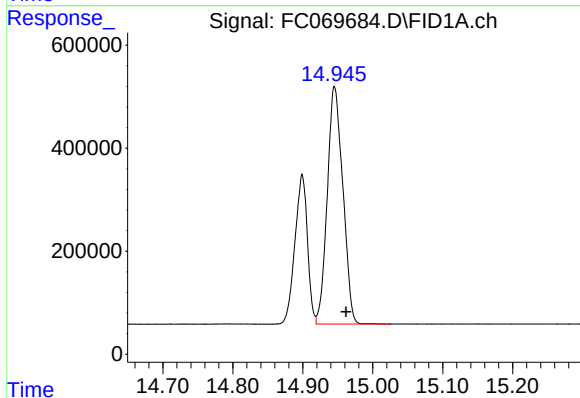
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.006 min
Response: 3641616
Conc: 29.15 ug/ml

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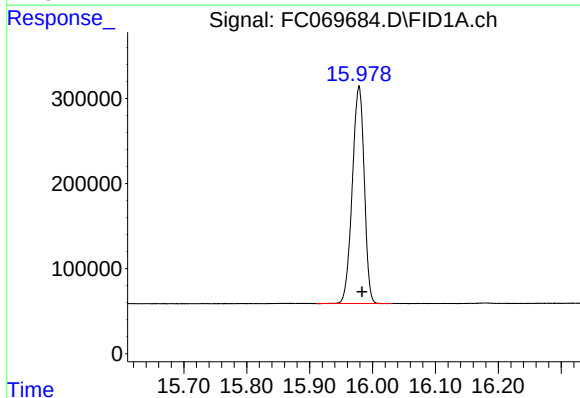
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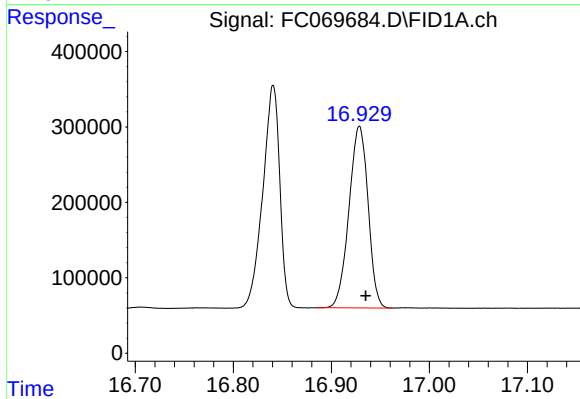
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: -0.017 min
Response: 7135649
Conc: 59.13 ug/ml



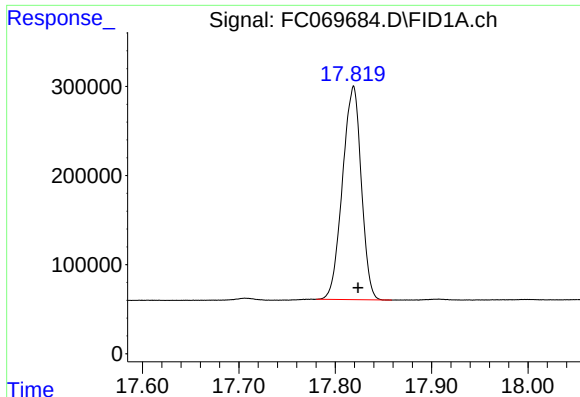
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: -0.005 min
Response: 3374199
Conc: 29.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.007 min
Response: 3258792
Conc: 29.07 ug/ml m



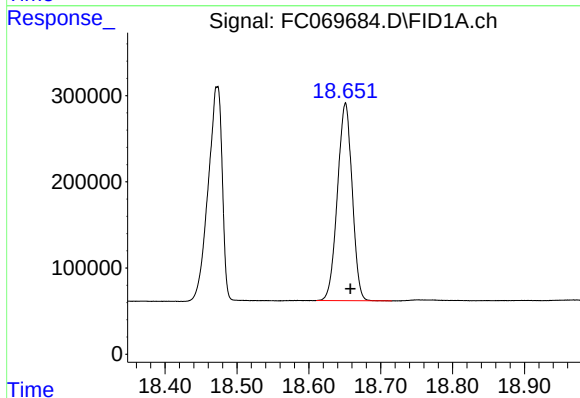
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: -0.005 min
Response: 3231344
Conc: 28.22 ug/ml

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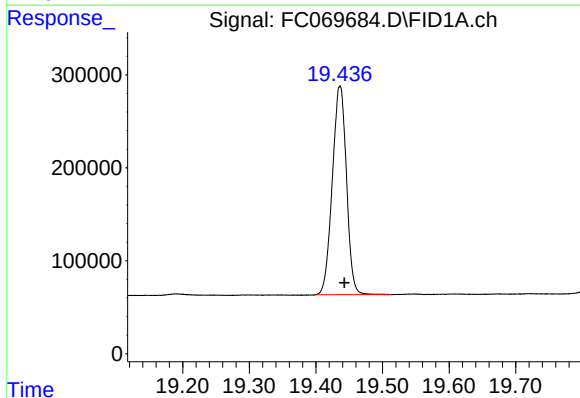
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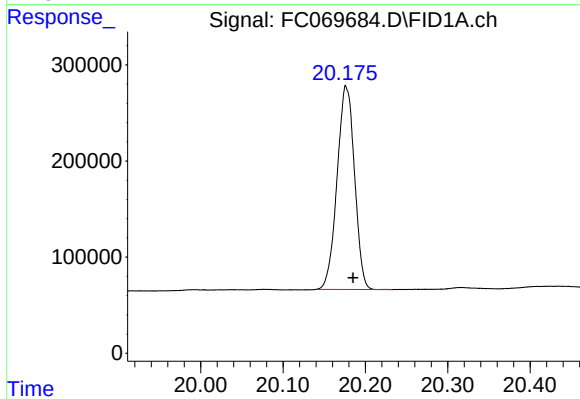
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.007 min
Response: 3258671
Conc: 29.34 ug/ml



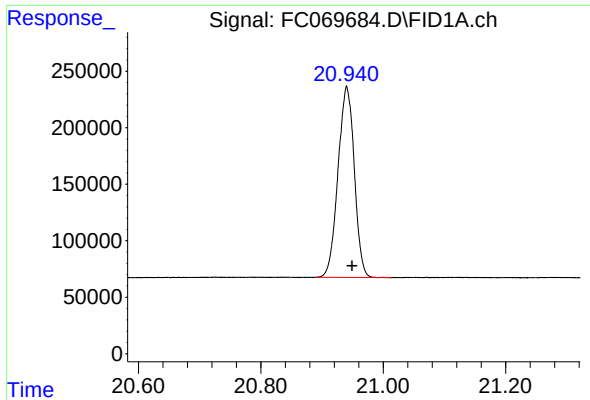
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min
Delta R.T.: -0.006 min
Response: 3316888
Conc: 32.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: -0.008 min
Response: 3119732
Conc: 34.99 ug/ml



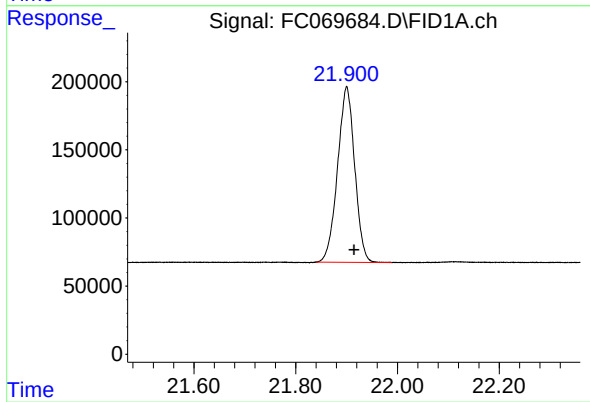
#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: -0.009 min
Response: 3120999
Conc: 38.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.015 min
Response: 3008274
Conc: 40.17 ug/ml