

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081825AL\
 Data File : FC069699.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2025 19:54
 Operator : YP/AJ
 Sample : Q2871-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DRILL CUTTING 1-3 COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File: autoint1.e
 Quant Time: Aug 19 01:26:16 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	3686605	24.712 ug/ml
Spiked Amount 50.000		Recovery =	49.42%
12) S 1-chlorooctadecane (S...	13.096	2869411	26.319 ug/ml
Spiked Amount 50.000		Recovery =	52.64%
Target Compounds			
1) T n-Nonane (C9)	3.396	3167497	22.232 ug/ml
2) T n-Decane (C10)	4.468	3628926	24.961 ug/ml
3) T A~Naphthalene (C11.7)	6.061	4320845	27.847 ug/ml
4) T n-Dodecane (C12)	6.491	3964173	27.118 ug/ml
5) T A~2-methylnaphthalene...	7.120	4127705	28.027 ug/ml
6) T n-Tetradecane (C14)	8.291	4189016	29.353 ug/ml
7) T n-Hexadecane (C16)	9.894	4513345	31.308 ug/ml
8) T n-Octadecane (C18)	11.339	4490622	31.756 ug/ml
10) T n-Eicosane (C20)	12.651	4522789	34.334 ug/ml
11) T n-Heneicosane (C21)	13.264	4328206	33.935 ug/ml
13) T n-Docosane (C22)	13.851	4227249	33.839 ug/ml
14) T n-Tetracosane (C24)	14.948	8280783	68.623 ug/ml
15) T n-Hexacosane (C26)	15.980	3936873	34.071 ug/ml
16) T n-Octacosane (C28)	16.927	3770855	33.642 ug/mlm
17) T n-Tricontane (C30)	17.820	3716227	32.457 ug/ml
18) T n-Dotriacontane (C32)	18.651	3719016	33.480 ug/ml
19) T n-Tetratriacontane (C34)	19.437	3762961	36.956 ug/ml
20) T n-Hexatriacontane (C36)	20.176	3577163	40.118 ug/ml
21) T n-Octatriacontane (C38)	20.940	3597685	44.724 ug/ml
22) T n-Tetracontane (C40)	21.902	3474865	46.405 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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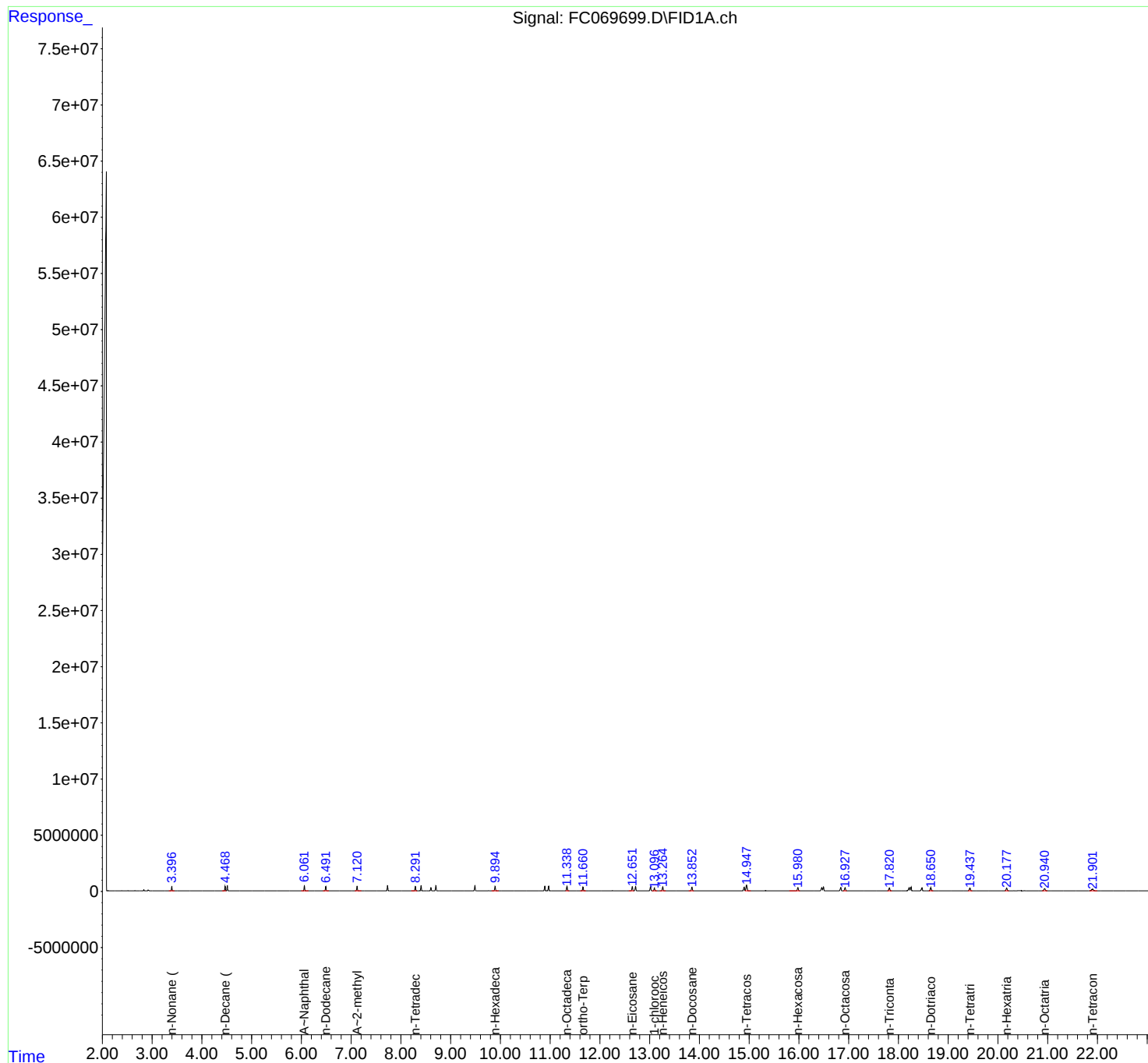
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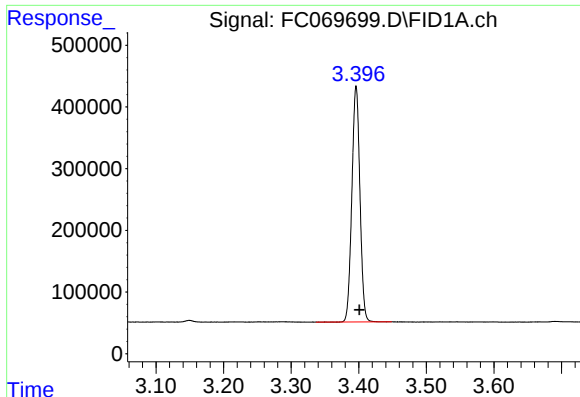
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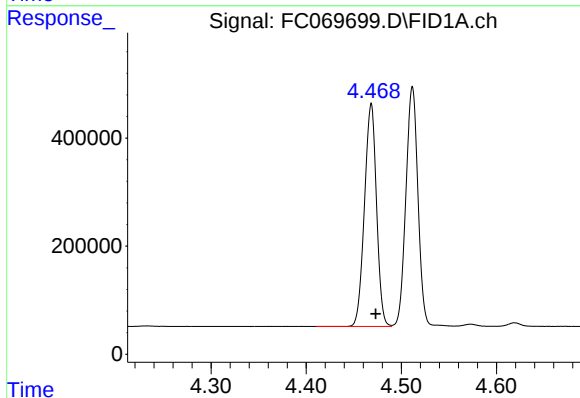
#1 n-Nonane (C9)

R.T.: 3.396 min
Delta R.T.: -0.005 min
Response: 3167497
Conc: 22.23 ug/ml

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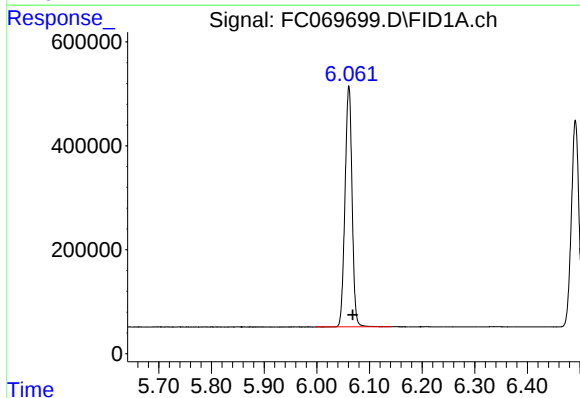
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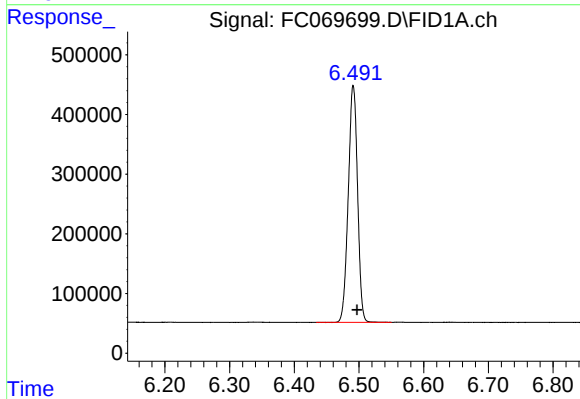
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 3628926
Conc: 24.96 ug/ml



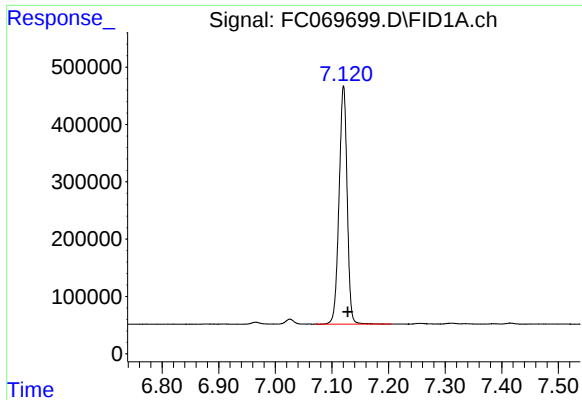
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.007 min
Response: 4320845
Conc: 27.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 3964173
Conc: 27.12 ug/ml



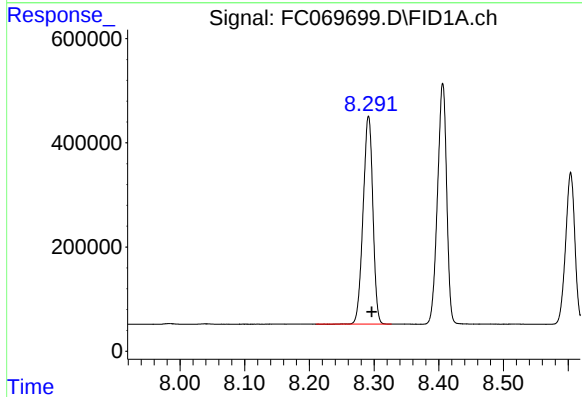
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 4127705
Conc: 28.03 ug/ml

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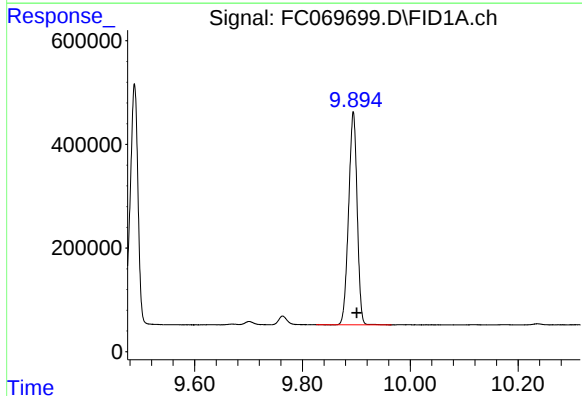
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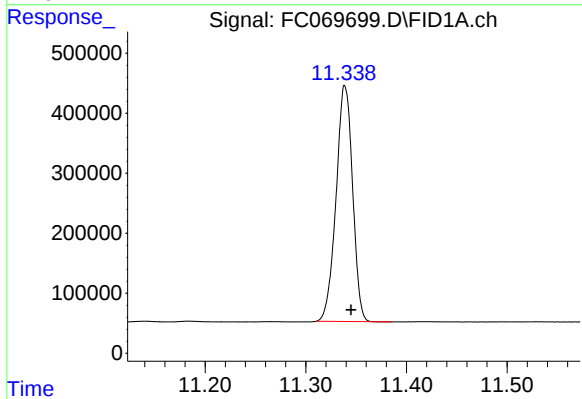
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 4189016
Conc: 29.35 ug/ml



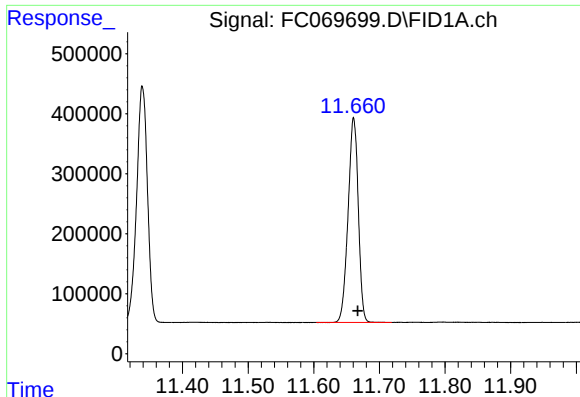
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.007 min
Response: 4513345
Conc: 31.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.006 min
Response: 4490622
Conc: 31.76 ug/ml



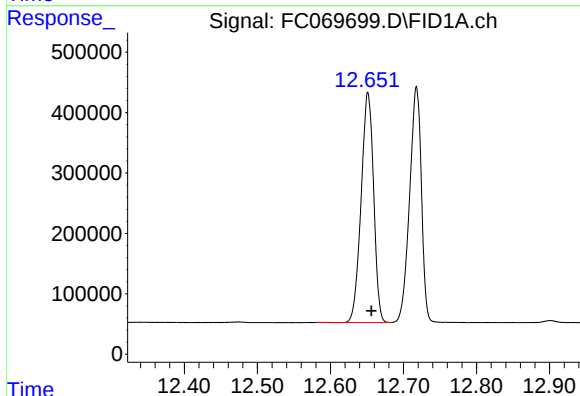
#9 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.006 min
Response: 3686605
Conc: 24.71 ug/ml

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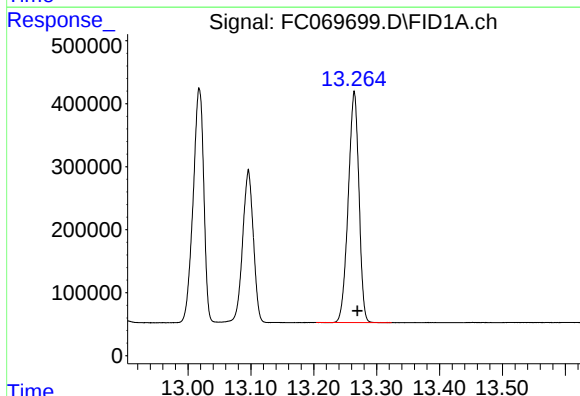
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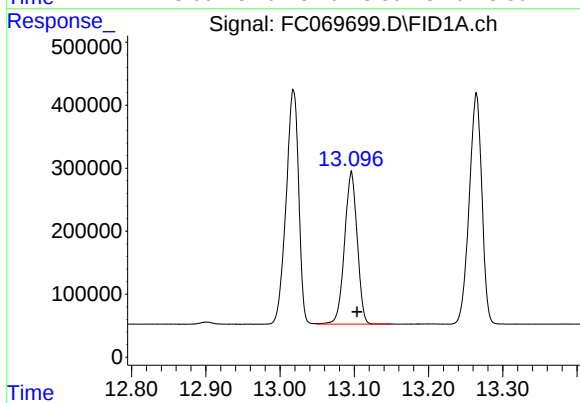
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.005 min
Response: 4522789
Conc: 34.33 ug/ml



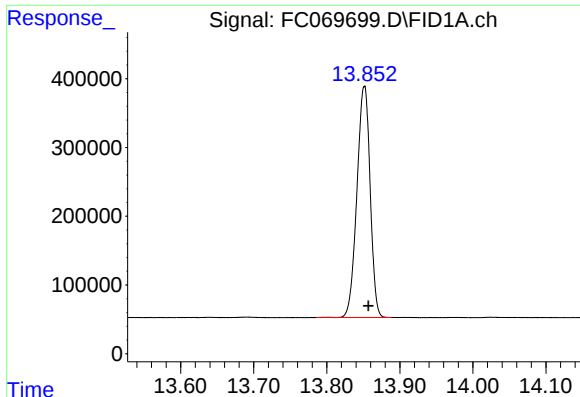
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.005 min
Response: 4328206
Conc: 33.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min
Delta R.T.: -0.008 min
Response: 2869411
Conc: 26.32 ug/ml



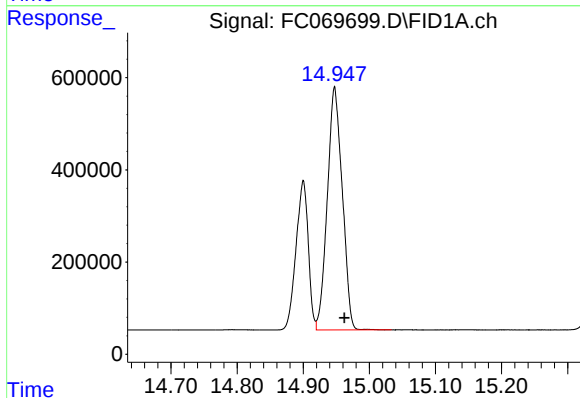
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.006 min
Response: 4227249
Conc: 33.84 ug/ml

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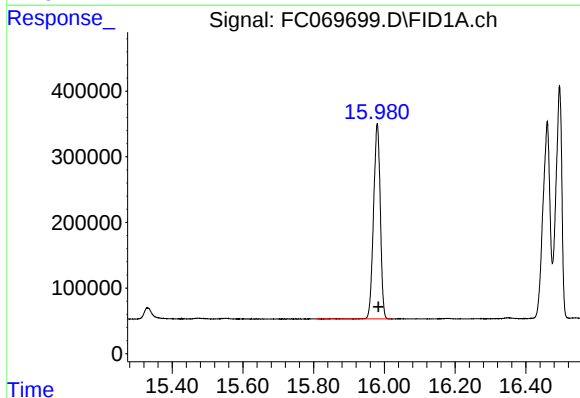
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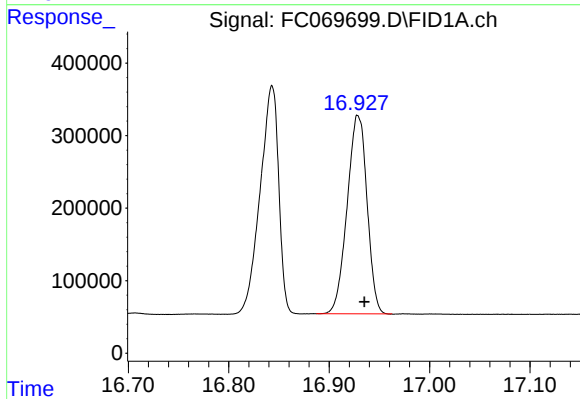
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.015 min
Response: 8280783
Conc: 68.62 ug/ml



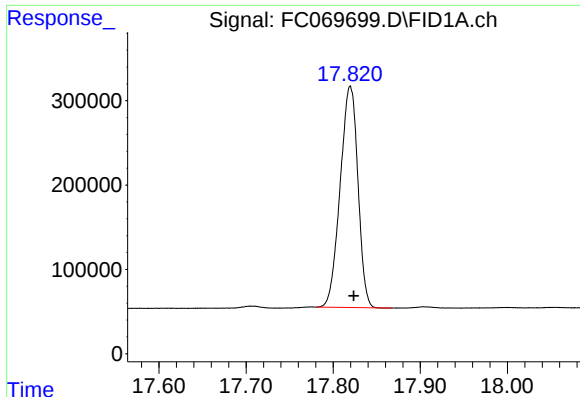
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.004 min
Response: 3936873
Conc: 34.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: -0.008 min
Response: 3770855
Conc: 33.64 ug/ml m



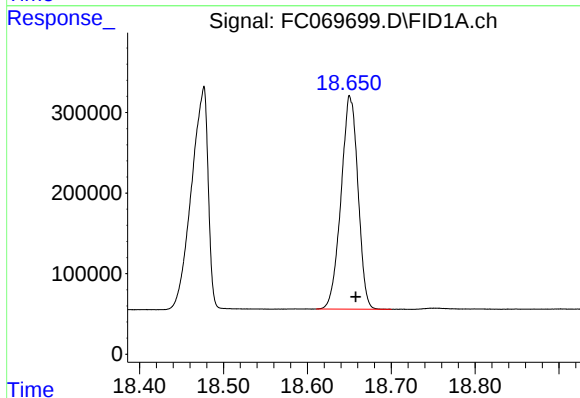
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.004 min
Response: 3716227
Conc: 32.46 ug/ml

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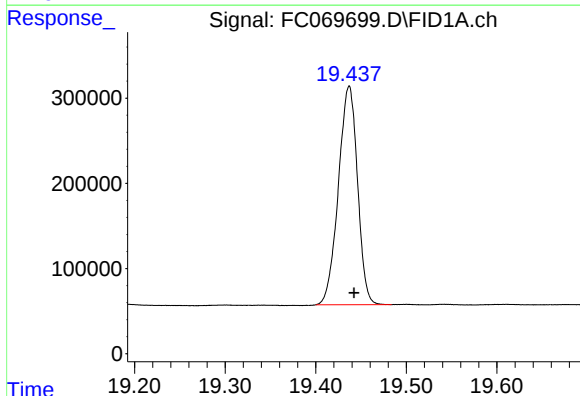
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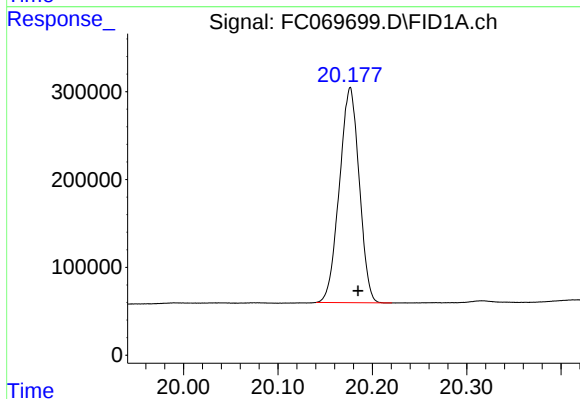
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.007 min
Response: 3719016
Conc: 33.48 ug/ml



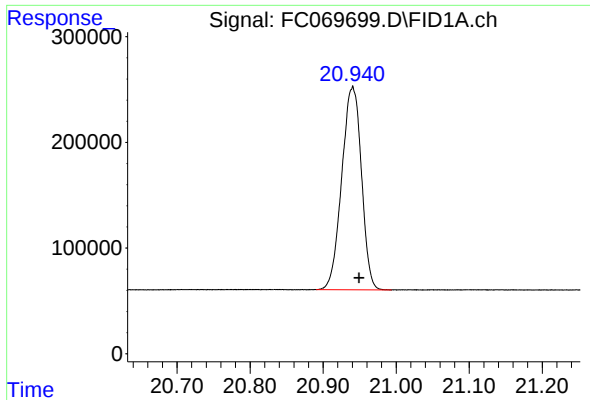
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.006 min
Response: 3762961
Conc: 36.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.008 min
Response: 3577163
Conc: 40.12 ug/ml



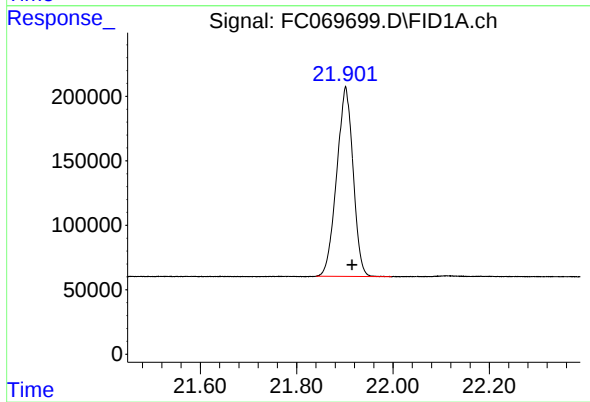
#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: -0.009 min
Response: 3597685
Conc: 44.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.902 min
Delta R.T.: -0.013 min
Response: 3474865
Conc: 46.40 ug/ml