

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061925AL\
 Data File : FC069238.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2025 18:24
 Operator : YP/AJ
 Sample : Q2358-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
ClientSampleId :
 NB-07-06182025MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/20/2025
 Supervised By :mohammad ahmed 06/23/2025

Integration File: autoint1.e
 Quant Time: Jun 20 01:10:15 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)	11.685	5234026	30.297 ug/ml
Spiked Amount	50.000	Recovery =	60.59%
12) S 1-chlorooctadecane (S...	13.121	3931990	30.097 ug/ml
Spiked Amount	50.000	Recovery =	60.19%
Target Compounds			
1) T n-Nonane (C9)	3.414	4195955	29.504 ug/ml
2) T n-Decane (C10)	4.486	4770017	32.583 ug/ml
3) T A~Naphthalene (C11.7)	6.080	6278178	39.020 ug/ml
4) T n-Dodecane (C12)	6.511	5808000	38.356 ug/ml
5) T A~2-methylnaphthalene...	7.141	6570345	41.519 ug/ml
6) T n-Tetradecane (C14)	8.313	6959821	44.901 ug/ml
7) T n-Hexadecane (C16)	9.918	7498361	45.885 ug/ml
8) T n-Octadecane (C18)	11.364	7047321	43.163 ug/ml
10) T n-Eicosane (C20)	12.678	6933378	45.423 ug/ml
11) T n-Heneicosane (C21)	13.290	6448022	43.747 ug/ml
13) T n-Docosane (C22)	13.877	6114721	42.498 ug/ml
14) T n-Tetracosane (C24)	14.976	11814846	85.658 ug/ml
15) T n-Hexacosane (C26)	16.006	5510158	42.151 ug/mlm
16) T n-Octacosane (C28)	16.957	5229309	42.401 ug/ml
17) T n-Tricontane (C30)	17.848	5051534	42.491 ug/ml
18) T n-Dotriacontane (C32)	18.680	4928755	45.078 ug/ml
19) T n-Tetratriacontane (C34)	19.466	4989825	51.672 ug/ml
20) T n-Hexatriacontane (C36)	20.208	4724011	57.322 ug/ml
21) T n-Octatriacontane (C38)	20.980	4762095	63.724 ug/mlm
22) T n-Tetracontane (C40)	21.953	4529880	63.967 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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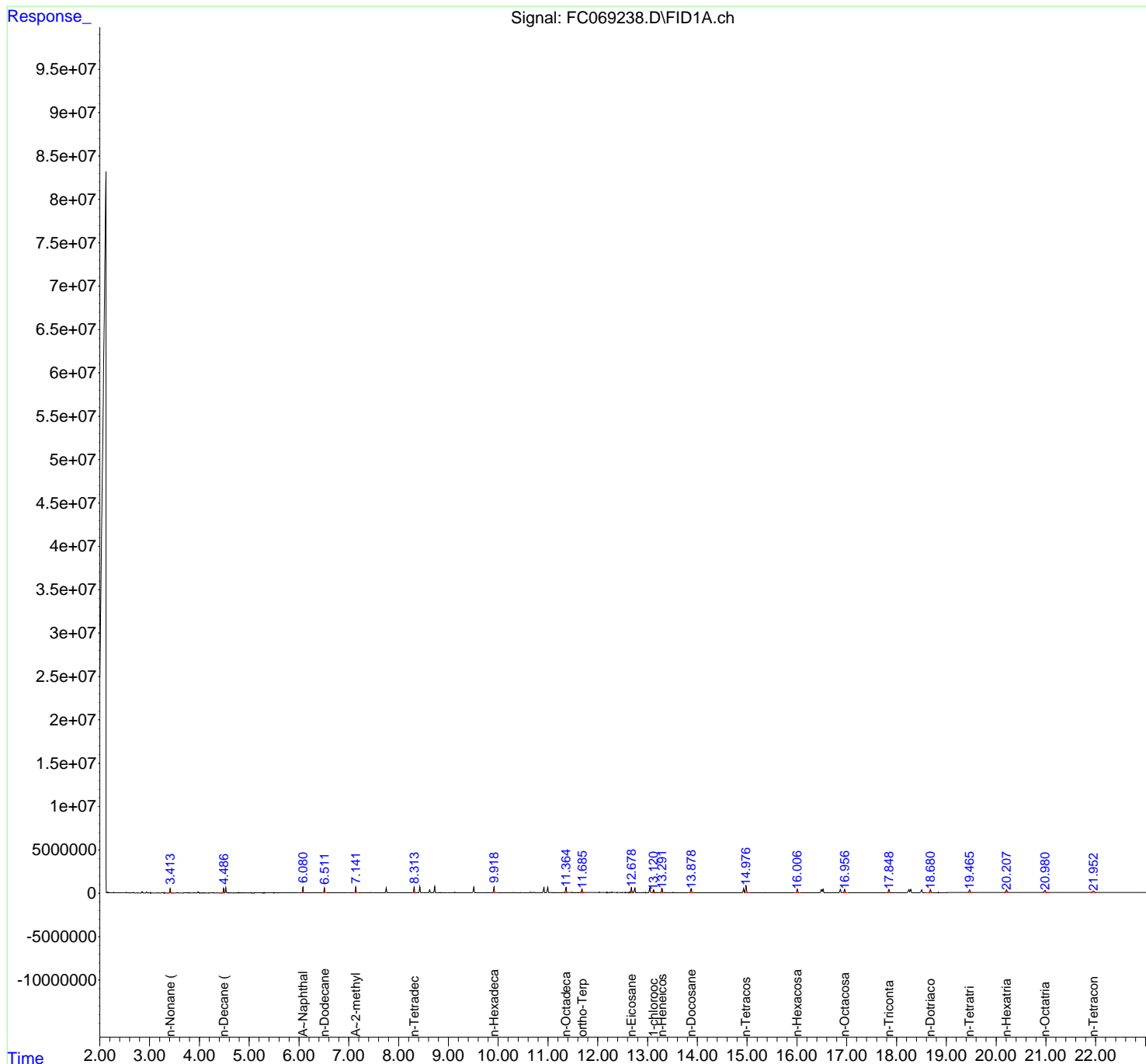
Instrument :
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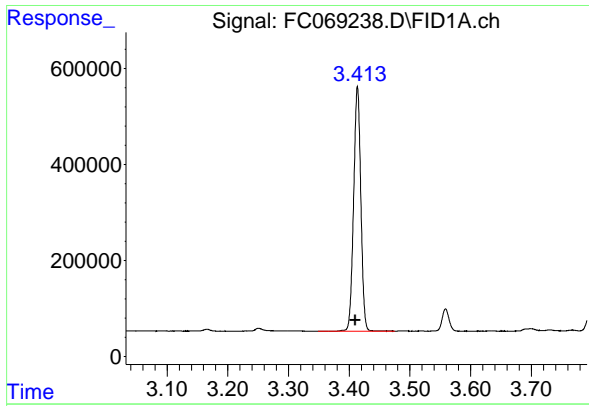
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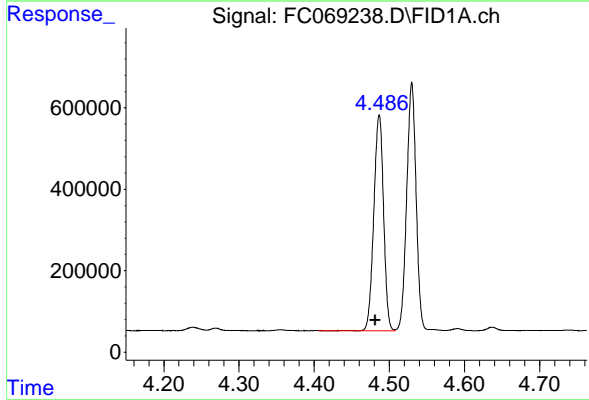
#1 n-Nonane (C9)

R.T.: 3.414 min
 Delta R.T.: 0.004 min
 Response: 4195955
 Conc: 29.50 ug/ml

Instrument : FID_C
 Client Sample Id : NB-07-06182025MSD

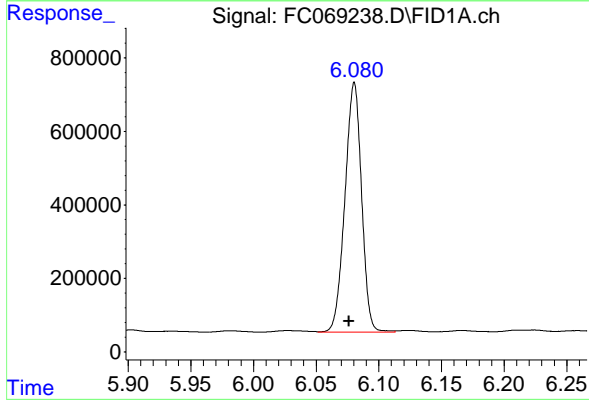
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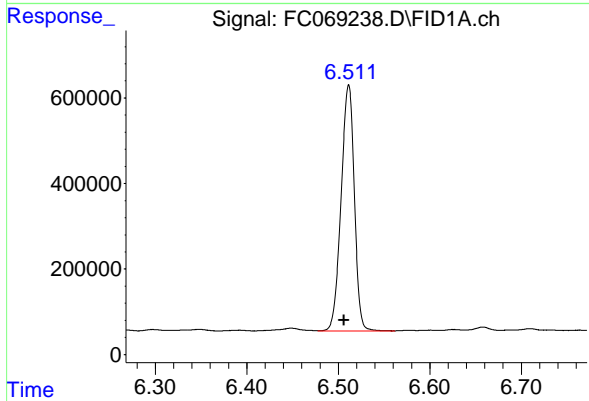
#2 n-Decane (C10)

R.T.: 4.486 min
 Delta R.T.: 0.005 min
 Response: 4770017
 Conc: 32.58 ug/ml



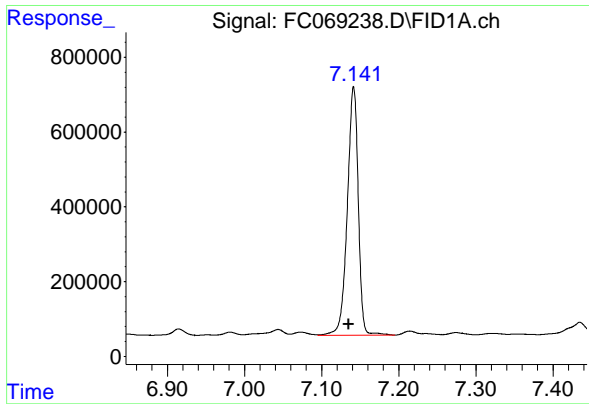
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
 Delta R.T.: 0.004 min
 Response: 6278178
 Conc: 39.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.511 min
 Delta R.T.: 0.005 min
 Response: 5808000
 Conc: 38.36 ug/ml



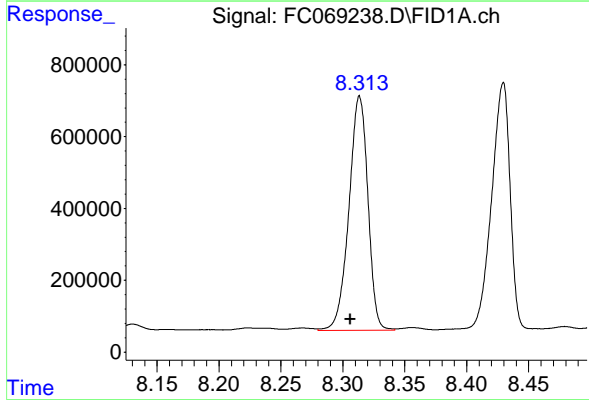
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
 Delta R.T.: 0.006 min
 Response: 6570345
 Conc: 41.52 ug/ml

Instrument : FID_C
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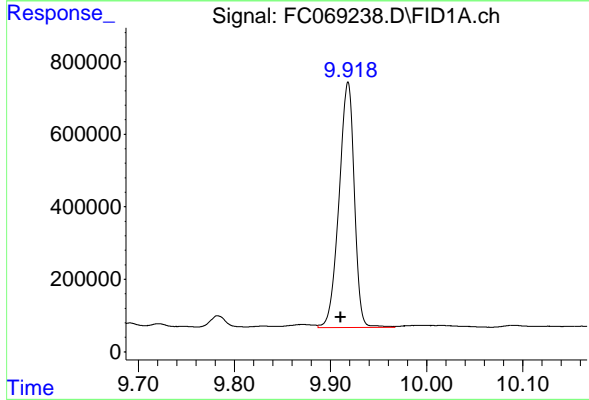
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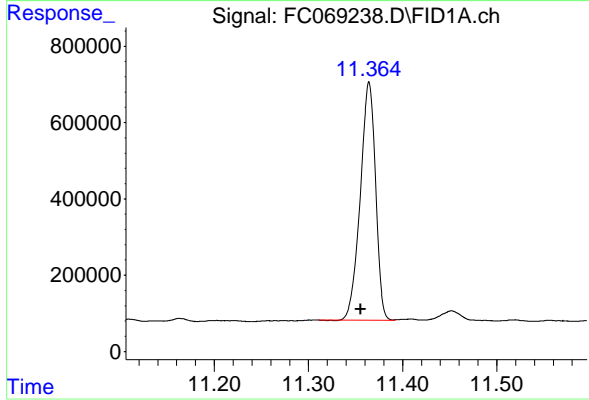
#6 n-Tetradecane (C14)

R.T.: 8.313 min
 Delta R.T.: 0.007 min
 Response: 6959821
 Conc: 44.90 ug/ml



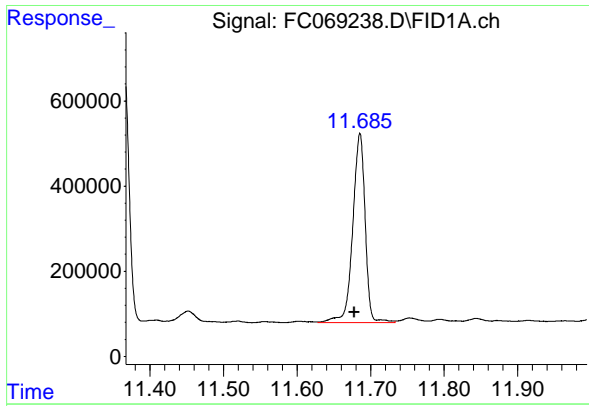
#7 n-Hexadecane (C16)

R.T.: 9.918 min
 Delta R.T.: 0.007 min
 Response: 7498361
 Conc: 45.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.364 min
 Delta R.T.: 0.009 min
 Response: 7047321
 Conc: 43.16 ug/ml



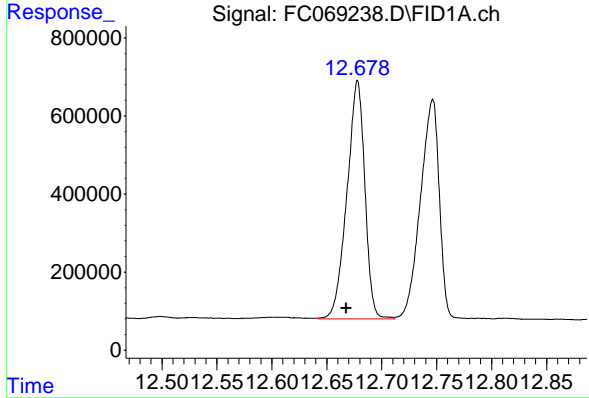
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
 Delta R.T.: 0.008 min
 Response: 5234026
 Conc: 30.30 ug/ml

Instrument : FID_C
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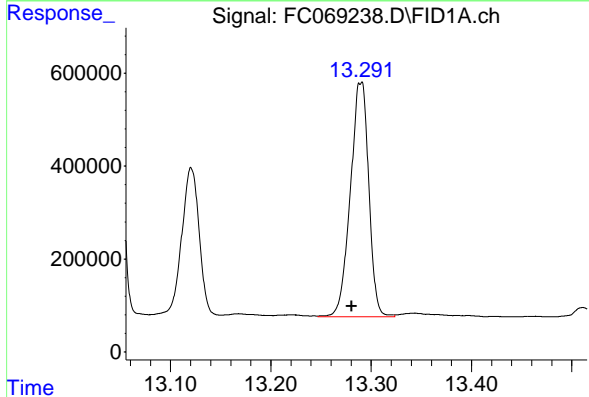
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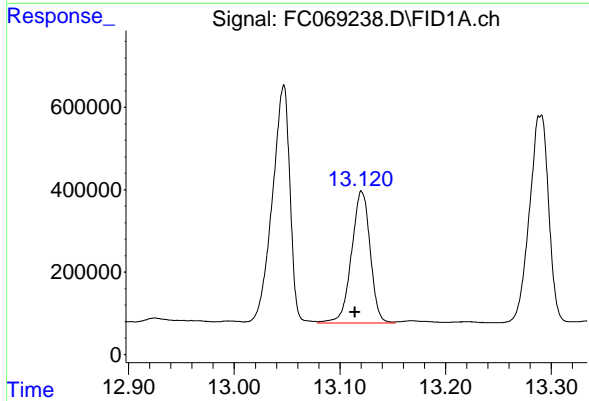
#10 n-Eicosane (C20)

R.T.: 12.678 min
 Delta R.T.: 0.010 min
 Response: 6933378
 Conc: 45.42 ug/ml



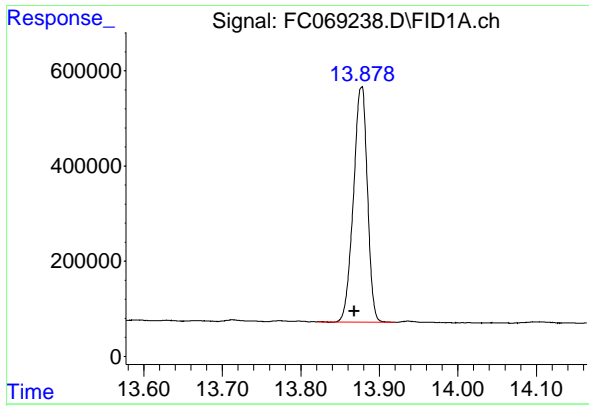
#11 n-Heneicosane (C21)

R.T.: 13.290 min
 Delta R.T.: 0.009 min
 Response: 6448022
 Conc: 43.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
 Delta R.T.: 0.006 min
 Response: 3931990
 Conc: 30.10 ug/ml



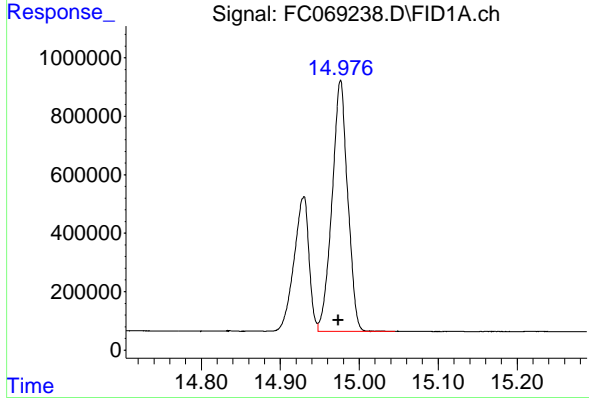
#13 n-Docosane (C22)

R.T.: 13.877 min
 Delta R.T.: 0.009 min
 Response: 6114721
 Conc: 42.50 ug/ml

Instrument : FID_C
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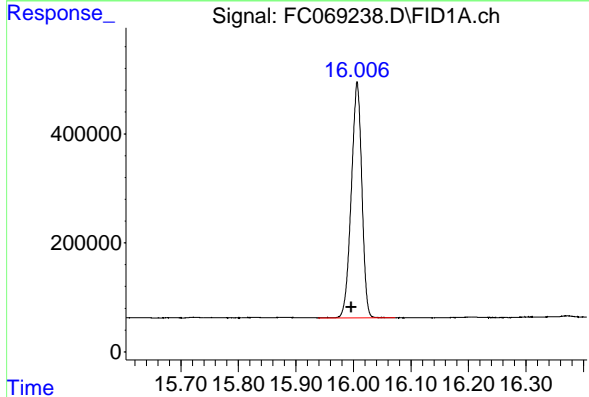
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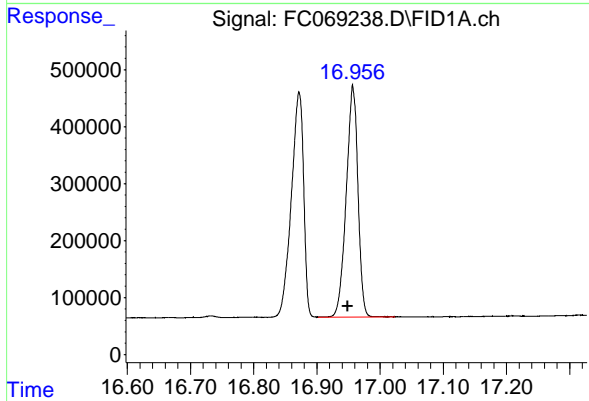
#14 n-Tetracosane (C24)

R.T.: 14.976 min
 Delta R.T.: 0.003 min
 Response: 11814846
 Conc: 85.66 ug/ml



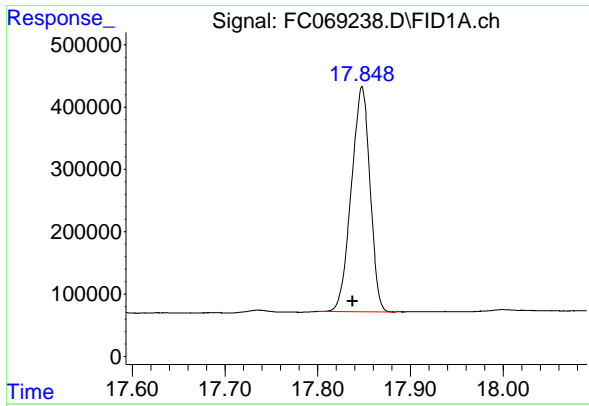
#15 n-Hexacosane (C26)

R.T.: 16.006 min
 Delta R.T.: 0.009 min
 Response: 5510158
 Conc: 42.15 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.957 min
 Delta R.T.: 0.009 min
 Response: 5229309
 Conc: 42.40 ug/ml



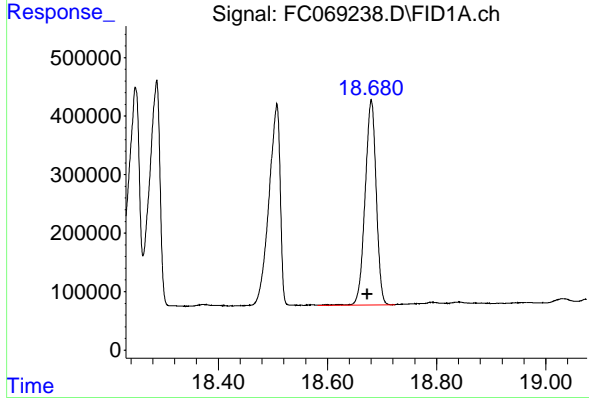
#17 n-Tricontane (C30)

R.T.: 17.848 min
 Delta R.T.: 0.010 min
 Response: 5051534
 Conc: 42.49 ug/ml

Instrument : FID_C
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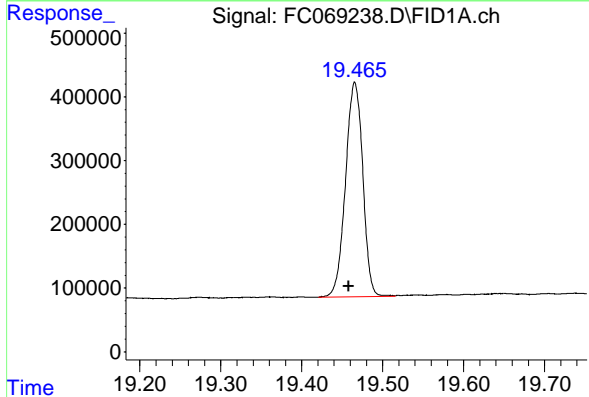
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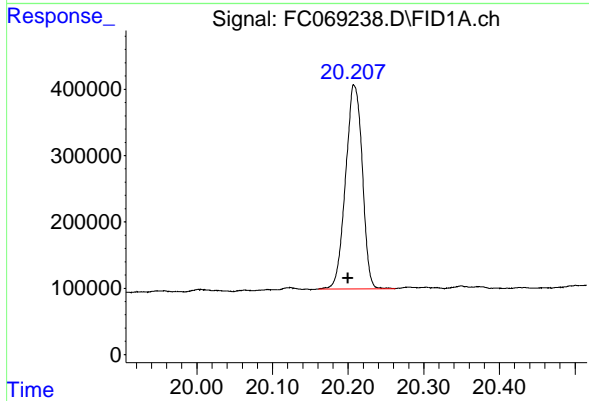
#18 n-Dotriacontane (C32)

R.T.: 18.680 min
 Delta R.T.: 0.007 min
 Response: 4928755
 Conc: 45.08 ug/ml



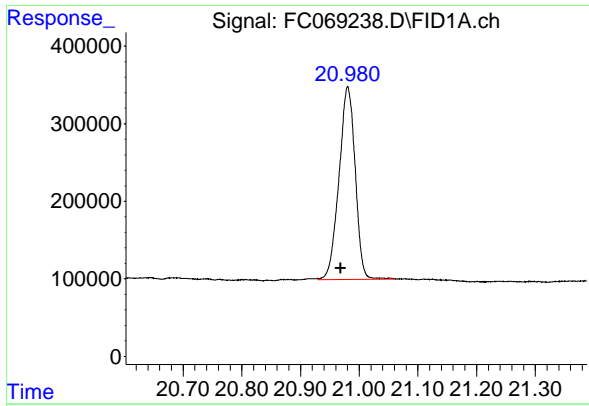
#19 n-Tetraatriacontane (C34)

R.T.: 19.466 min
 Delta R.T.: 0.007 min
 Response: 4989825
 Conc: 51.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.208 min
 Delta R.T.: 0.009 min
 Response: 4724011
 Conc: 57.32 ug/ml



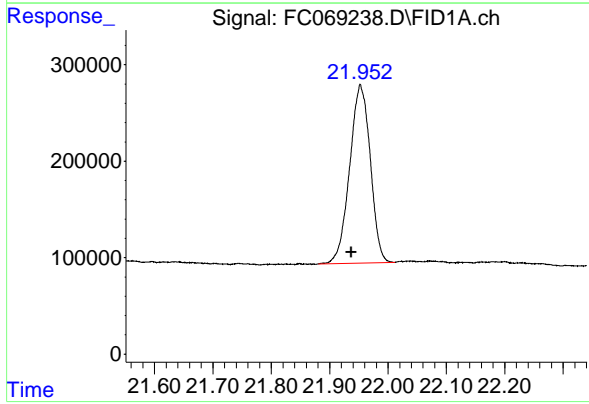
#21 n-Octatriacontane (C38)

R.T.: 20.980 min
 Delta R.T.: 0.012 min
 Response: 4762095
 Conc: 63.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.953 min
 Delta R.T.: 0.015 min
 Response: 4529880
 Conc: 63.97 ug/ml