

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069117.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 17:51
 Operator : YP/AJ
 Sample : Q2208-31MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BU-703-25BMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 02:42:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.681	5426261	43.993 ug/ml
Spiked Amount 50.000		Recovery =	87.99%
12) S 1-chlorooctadecane (S...	13.117	4581654	51.070 ug/ml
Spiked Amount 50.000		Recovery =	102.14%
Target Compounds			
1) T n-Nonane (C9)	3.404	3535166	33.312 ug/ml
2) T n-Decane (C10)	4.480	4056731	38.305 ug/mlm
3) T A~Naphthalene (C11.7)	6.075	4919318	42.542 ug/ml
4) T n-Dodecane (C12)	6.506	4332430	41.213 ug/ml
5) T A~2-methylnaphthalene...	7.135	4666892	41.165 ug/ml
6) T n-Tetradecane (C14)	8.308	4471771	43.626 ug/ml
7) T n-Hexadecane (C16)	9.912	4784776	47.156 ug/ml
8) T n-Octadecane (C18)	11.359	4870613	48.733 ug/ml
10) T n-Eicosane (C20)	12.671	5055389	51.904 ug/ml
11) T n-Heneicosane (C21)	13.284	4843784	50.324 ug/ml
13) T n-Docosane (C22)	13.872	4798503	50.368 ug/ml
14) T n-Tetracosane (C24)	14.968	10258627	108.957 ug/ml
15) T n-Hexacosane (C26)	16.002	4751667	51.180 ug/ml
16) T n-Octacosane (C28)	16.951	4749538	51.096 ug/ml
17) T n-Tricontane (C30)	17.843	4707775	48.655 ug/ml
18) T n-Dotriacontane (C32)	18.677	4758527	48.018 ug/ml
19) T n-Tetratriacontane (C34)	19.463	4944088	51.298 ug/ml
20) T n-Hexatriacontane (C36)	20.205	4866441	51.264 ug/ml
21) T n-Octatriacontane (C38)	20.977	4949600	54.251 ug/ml
22) T n-Tetracontane (C40)	21.948	4818977	54.615 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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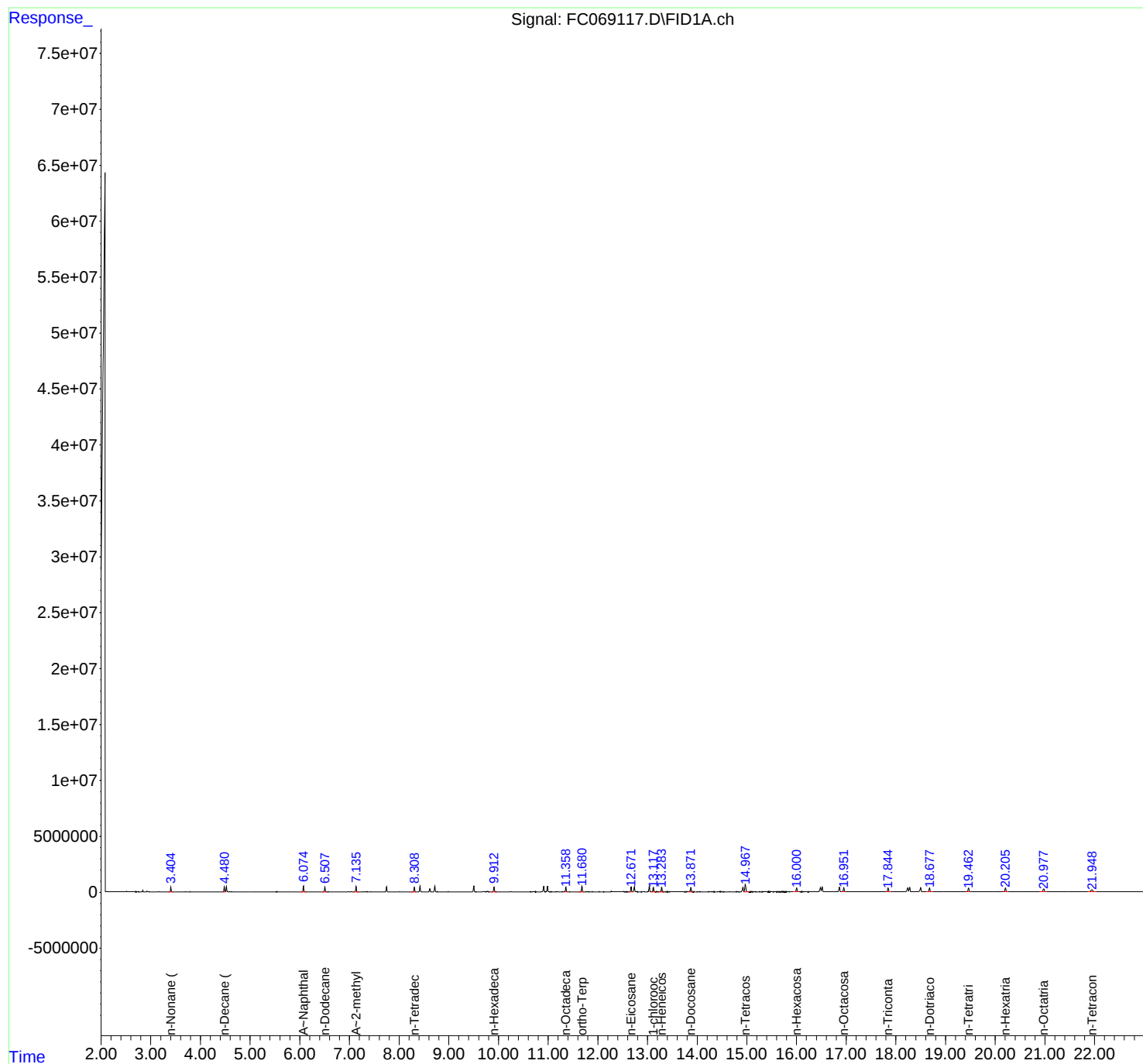
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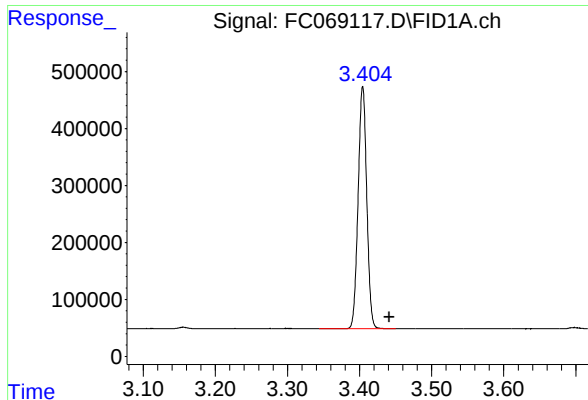
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#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.037 min
Response: 3535166
Conc: 33.31 ug/ml

Instrument :

FID_C

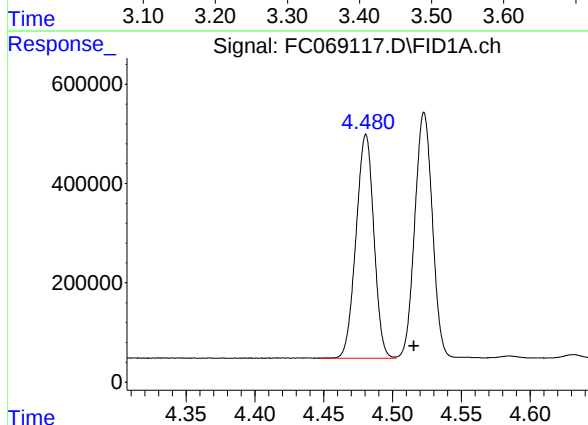
ClientSampleId :

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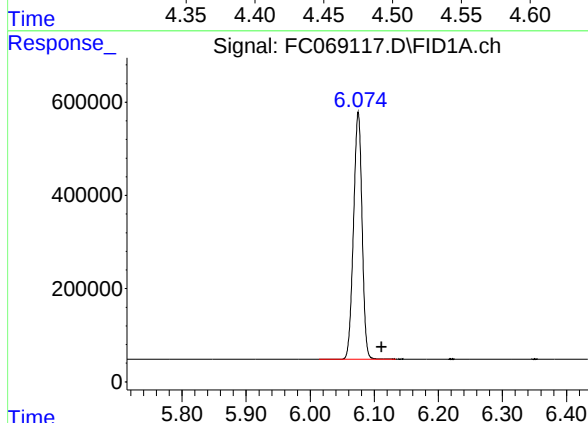
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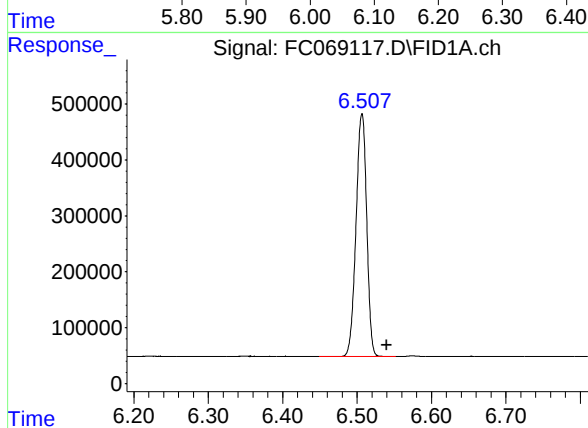
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.035 min
Response: 4056731
Conc: 38.30 ug/ml



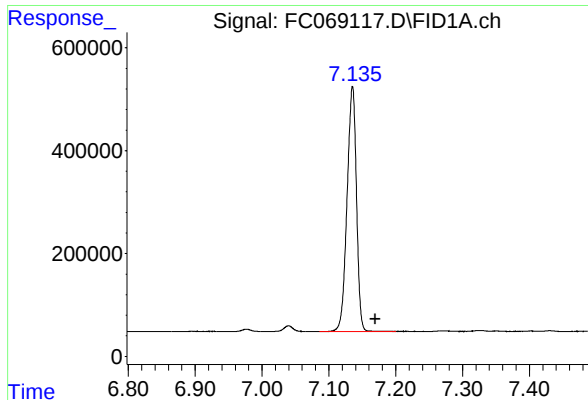
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.037 min
Response: 4919318
Conc: 42.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.033 min
Response: 4332430
Conc: 41.21 ug/ml



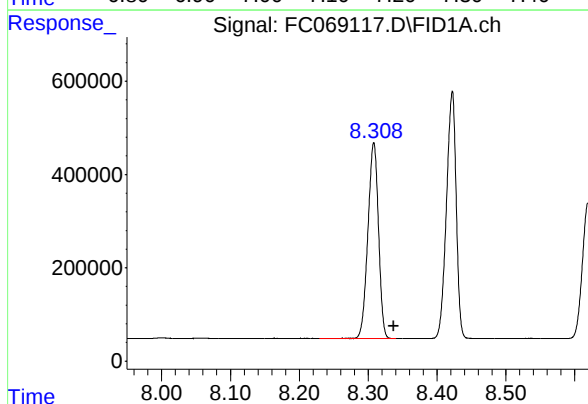
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.035 min
Response: 4666892
Conc: 41.17 ug/ml

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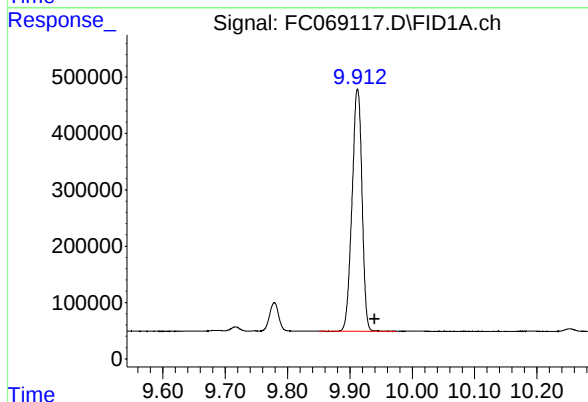
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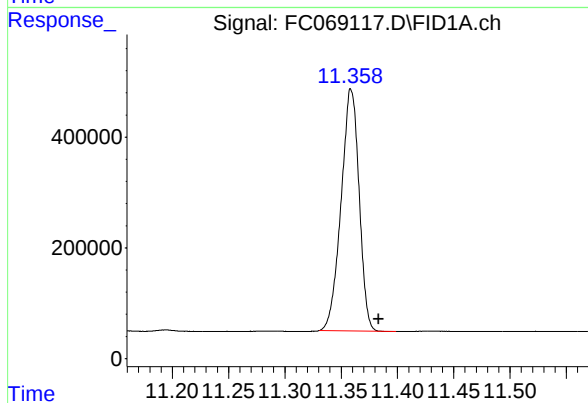
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.029 min
Response: 4471771
Conc: 43.63 ug/ml



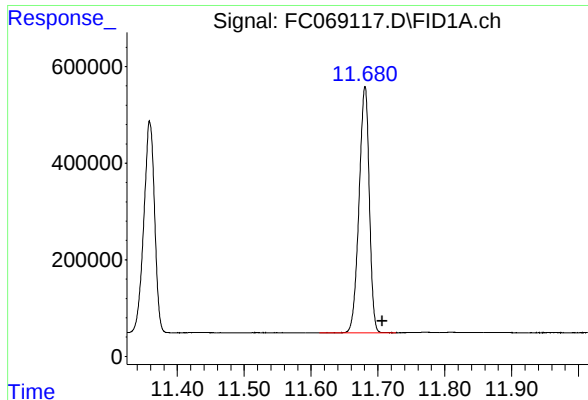
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 4784776
Conc: 47.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.024 min
Response: 4870613
Conc: 48.73 ug/ml



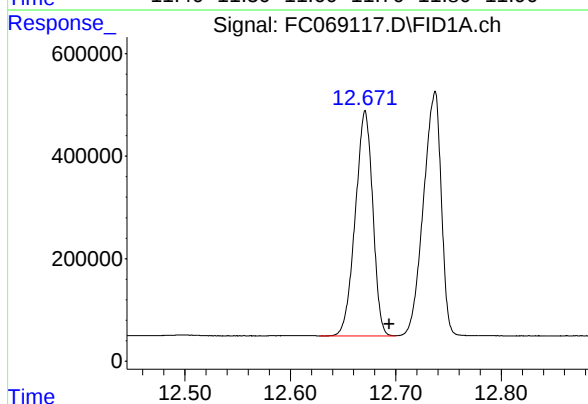
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: -0.026 min
Response: 5426261
Conc: 43.99 ug/ml

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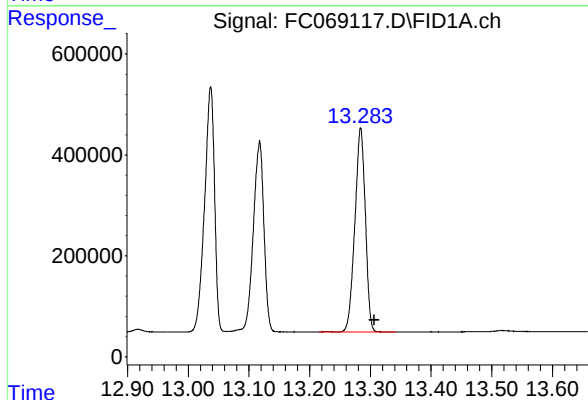
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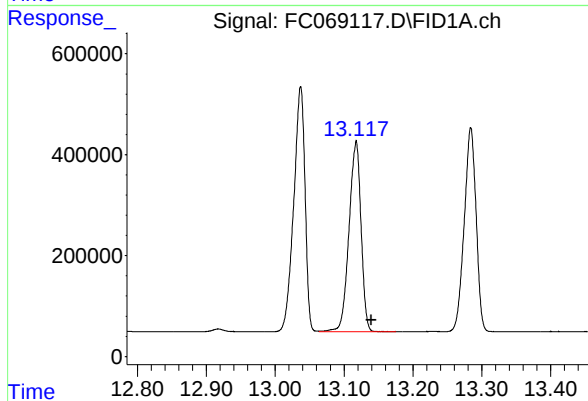
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: -0.023 min
Response: 5055389
Conc: 51.90 ug/ml



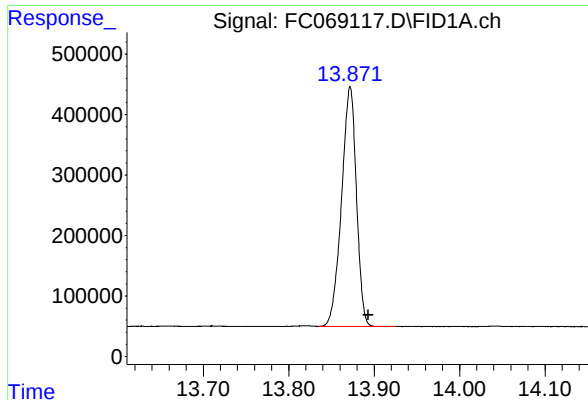
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.023 min
Response: 4843784
Conc: 50.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: -0.022 min
Response: 4581654
Conc: 51.07 ug/ml



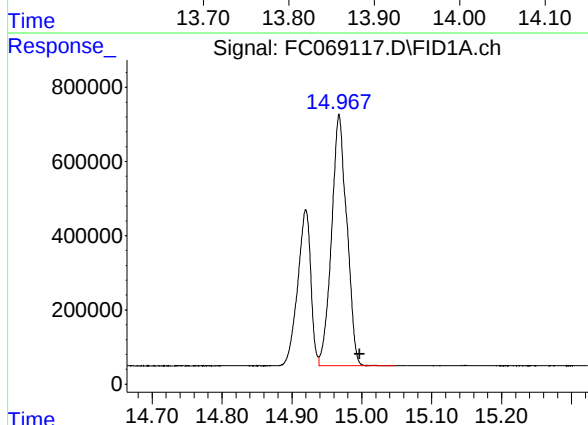
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.022 min
Response: 4798503
Conc: 50.37 ug/ml

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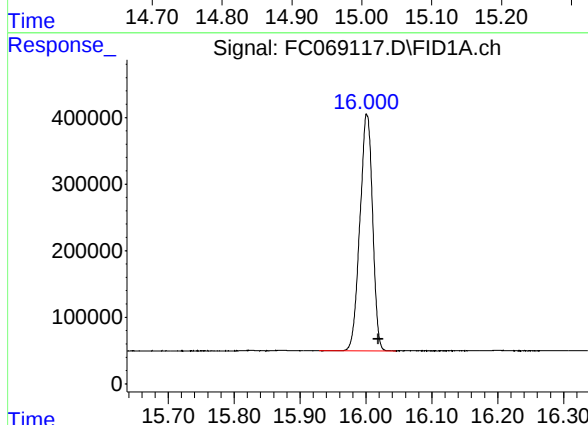
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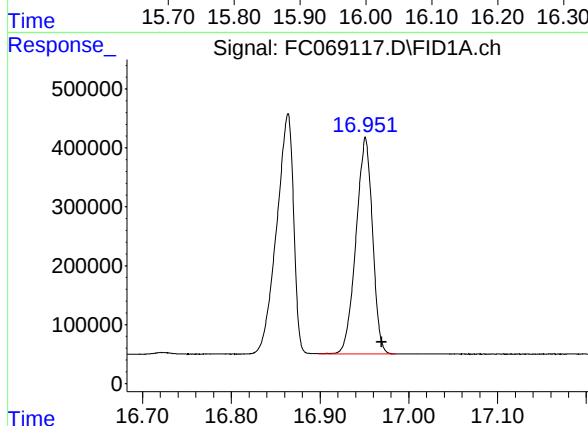
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.029 min
Response: 10258627
Conc: 108.96 ug/ml



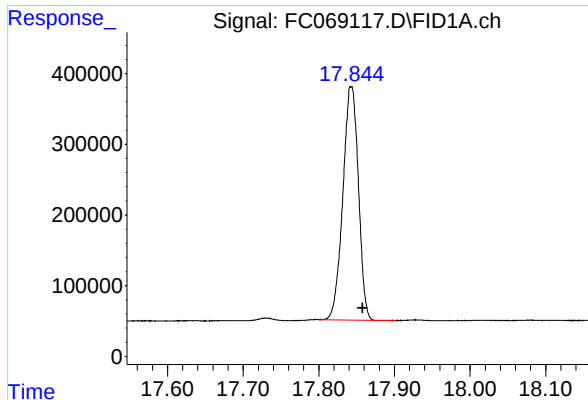
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.017 min
Response: 4751667
Conc: 51.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.951 min
Delta R.T.: -0.019 min
Response: 4749538
Conc: 51.10 ug/ml



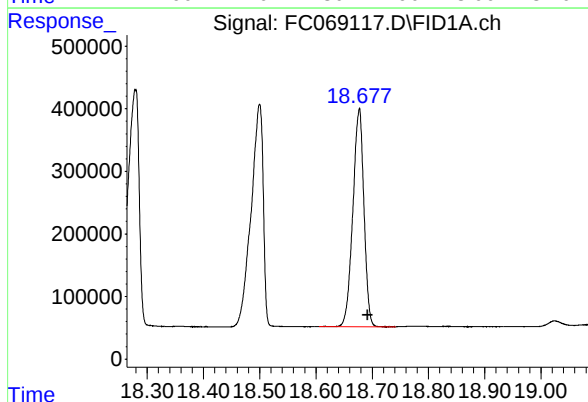
#17 n-Tricontane (C30)

R.T.: 17.843 min
Delta R.T.: -0.015 min
Response: 4707775
Conc: 48.66 ug/ml

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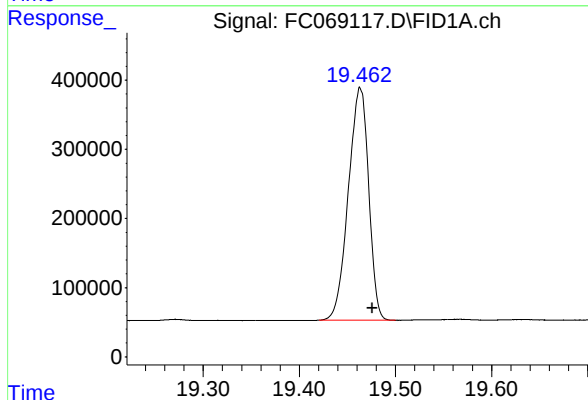
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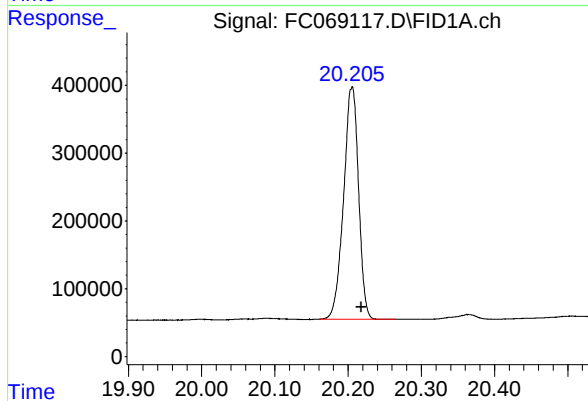
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: -0.016 min
Response: 4758527
Conc: 48.02 ug/ml



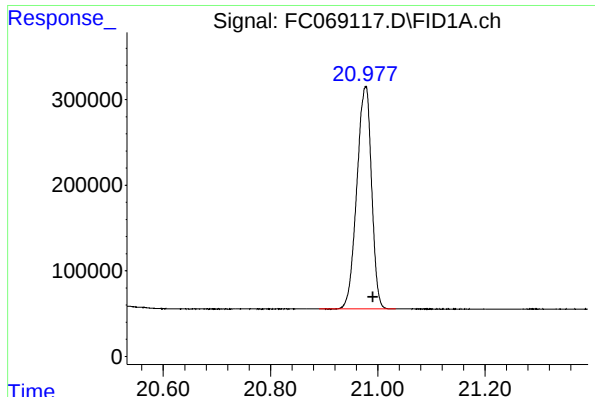
#19 n-Tetatriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.012 min
Response: 4944088
Conc: 51.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.205 min
Delta R.T.: -0.013 min
Response: 4866441
Conc: 51.26 ug/ml



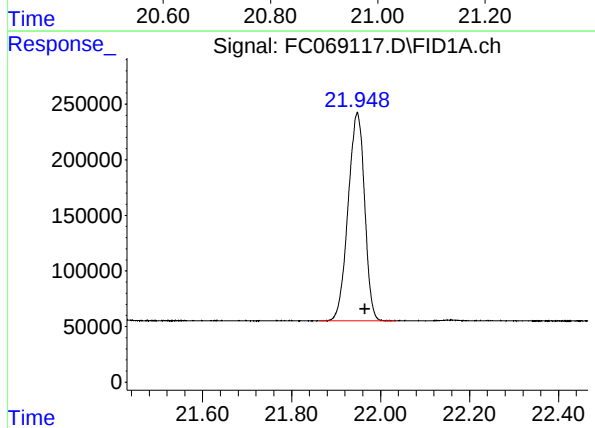
#21 n-Octatriacontane (C38)

R.T.: 20.977 min
Delta R.T.: -0.014 min
Response: 4949600
Conc: 54.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.017 min
Response: 4818977
Conc: 54.62 ug/ml m