

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101625AL\
 Data File : FC069984.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2025 15:28
 Operator : YP/AJ
 Sample : PB170121BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170121BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File: autoint1.e
 Quant Time: Oct 17 02:58:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.646	5705364	32.490 ug/ml
Spiked Amount 50.000		Recovery =	64.98%
12) S 1-chlorooctadecane (S...	13.080	4461515	32.868 ug/ml
Spiked Amount 50.000		Recovery =	65.74%
Target Compounds			
1) T n-Nonane (C9)	3.392	5138130	37.418 ug/ml
2) T n-Decane (C10)	4.459	5744398	39.958 ug/ml
3) T A~Naphthalene (C11.7)	6.049	6933010	42.898 ug/ml
4) T n-Dodecane (C12)	6.479	6484564	42.306 ug/ml
5) T A~2-methylnaphthalene...	7.108	6667534	41.789 ug/ml
6) T n-Tetradecane (C14)	8.278	6725094	42.285 ug/ml
7) T n-Hexadecane (C16)	9.880	6931500	41.131 ug/ml
8) T n-Octadecane (C18)	11.325	6905314	40.589 ug/ml
10) T n-Eicosane (C20)	12.636	6923660	43.156 ug/ml
11) T n-Heneicosane (C21)	13.248	6594370	42.469 ug/ml
13) T n-Docosane (C22)	13.835	6422403	41.732 ug/ml
14) T n-Tetracosane (C24)	14.933	11933929	78.704 ug/ml
15) T n-Hexacosane (C26)	15.963	5842696	40.367 ug/ml
16) T n-Octacosane (C28)	16.913	5705858	41.256 ug/mlm
17) T n-Tricontane (C30)	17.802	5744811	42.076 ug/ml
18) T n-Dotriacontane (C32)	18.634	5722091	44.380 ug/ml
19) T n-Tetratriacontane (C34)	19.418	5580450	48.909 ug/ml
20) T n-Hexatriacontane (C36)	20.158	4986850	51.564 ug/ml
21) T n-Octatriacontane (C38)	20.918	4578349	52.529 ug/ml
22) T n-Tetracontane (C40)	21.872	3970561	48.326 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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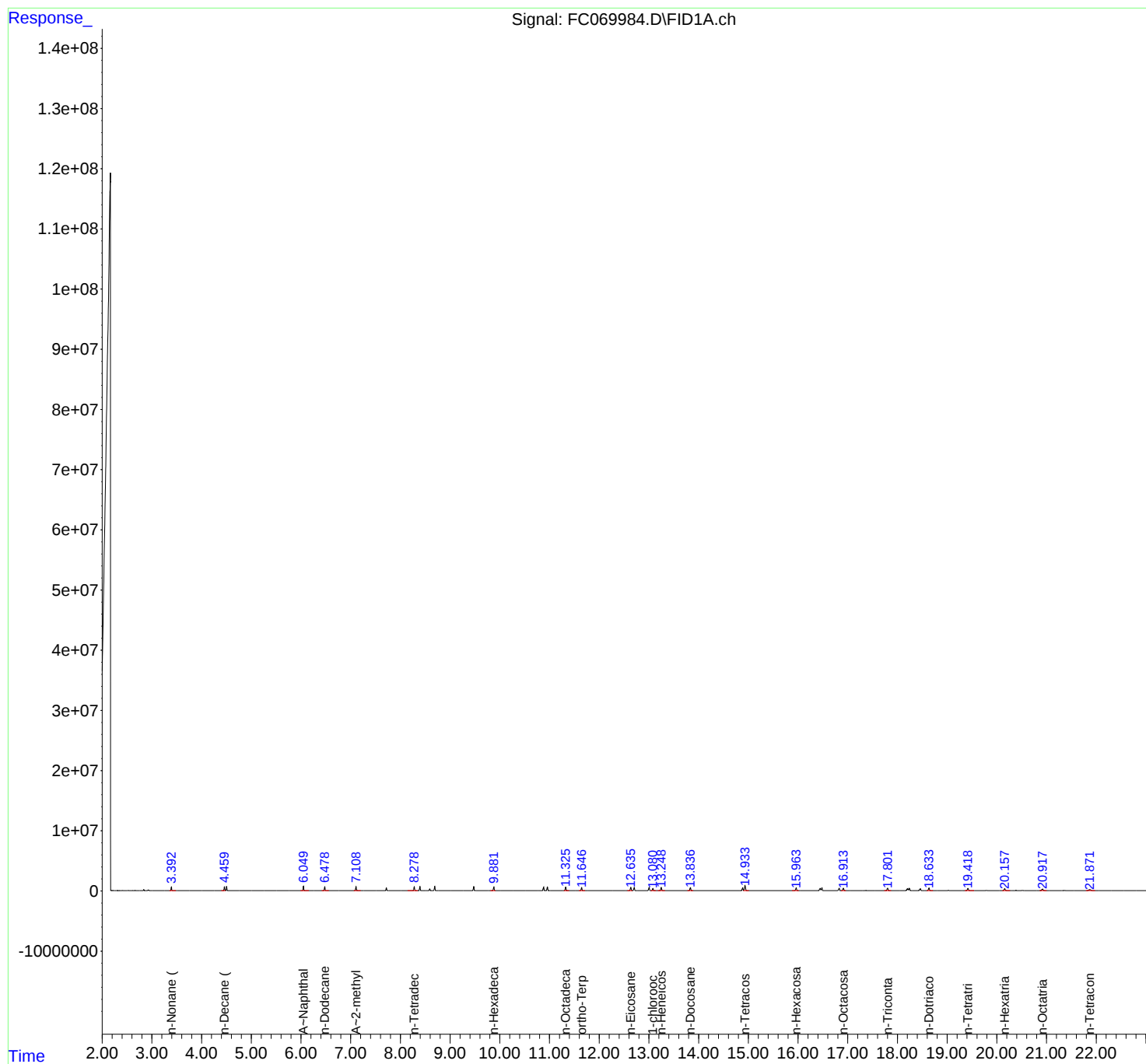
Instrument :
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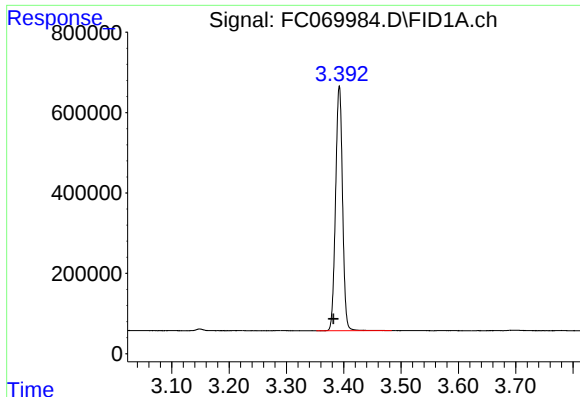
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#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: 0.010 min
Response: 5138130
Conc: 37.42 ug/ml

Instrument :

FID_C

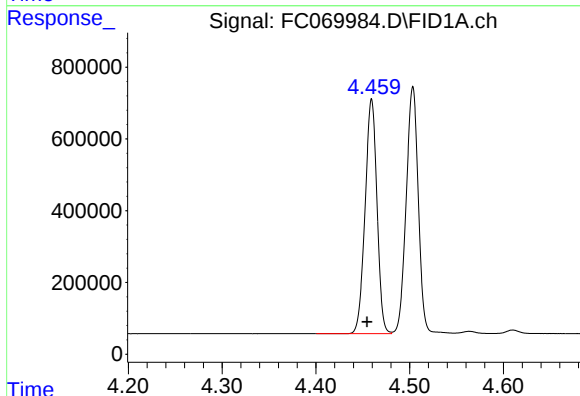
ClientSampleId :

PB170121BSD

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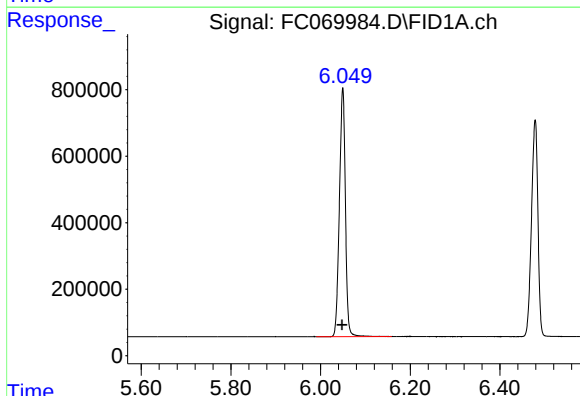
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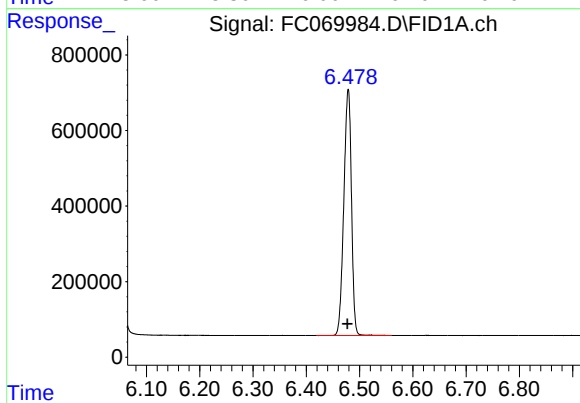
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: 0.005 min
Response: 5744398
Conc: 39.96 ug/ml



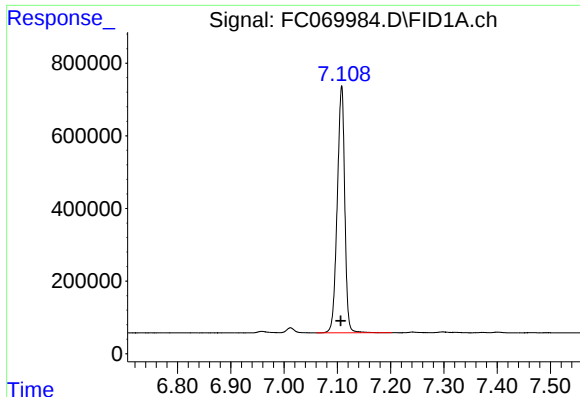
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: 0.001 min
Response: 6933010
Conc: 42.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: 0.001 min
Response: 6484564
Conc: 42.31 ug/ml



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

R.T.: 7.108 min
Delta R.T.: 0.001 min
Response: 6667534
Conc: 41.79 ug/ml

Instrument :

FID_C

ClientSampleId :

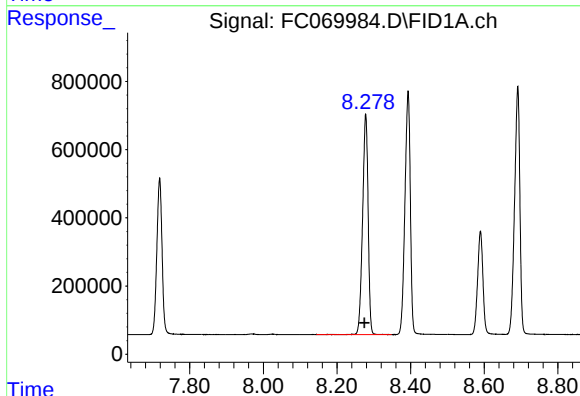
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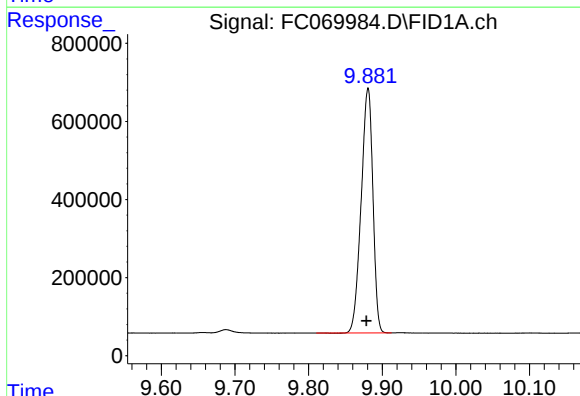
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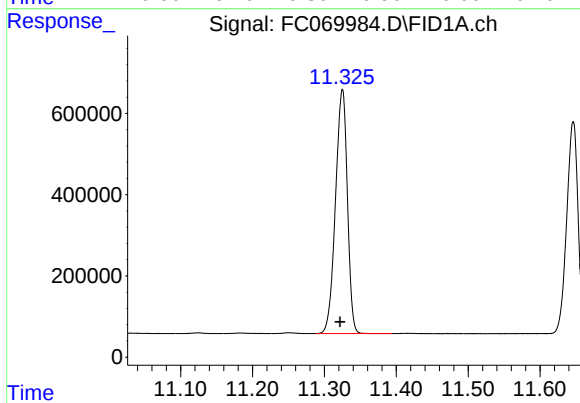
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: 0.003 min
Response: 6725094
Conc: 42.28 ug/ml



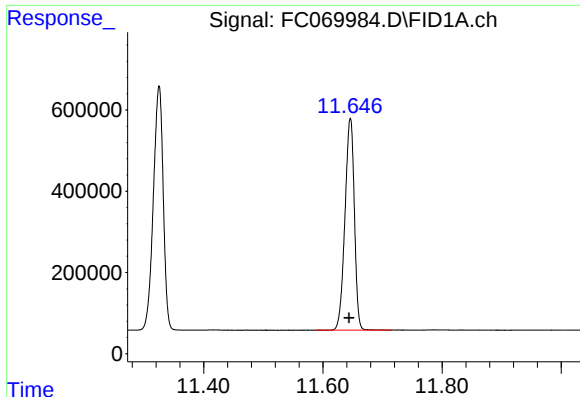
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: 0.002 min
Response: 6931500
Conc: 41.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.003 min
Response: 6905314
Conc: 40.59 ug/ml



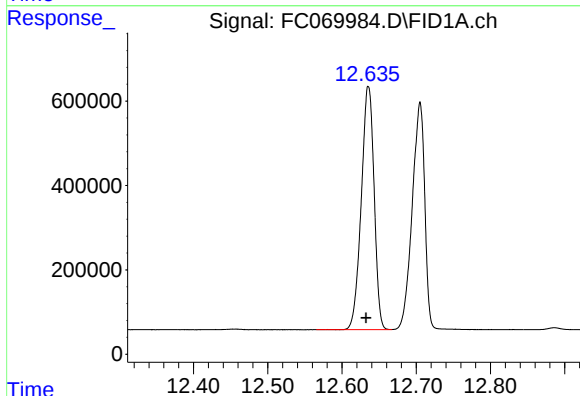
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.002 min
Response: 5705364
Conc: 32.49 ug/ml

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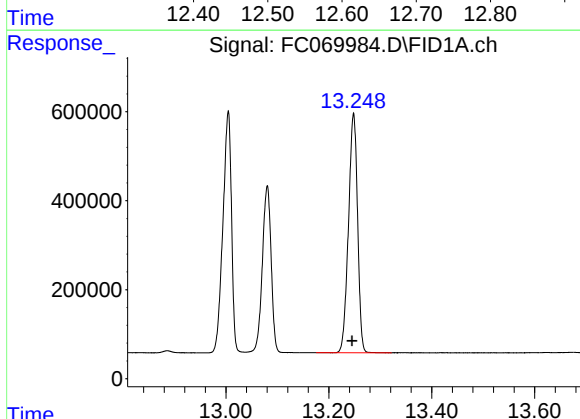
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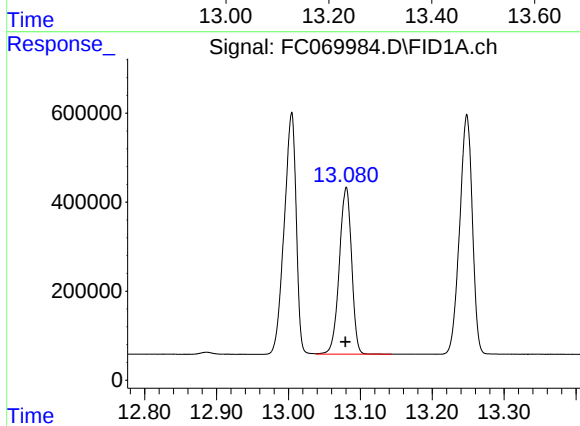
#10 n-Eicosane (C20)

R.T.: 12.636 min
Delta R.T.: 0.003 min
Response: 6923660
Conc: 43.16 ug/ml



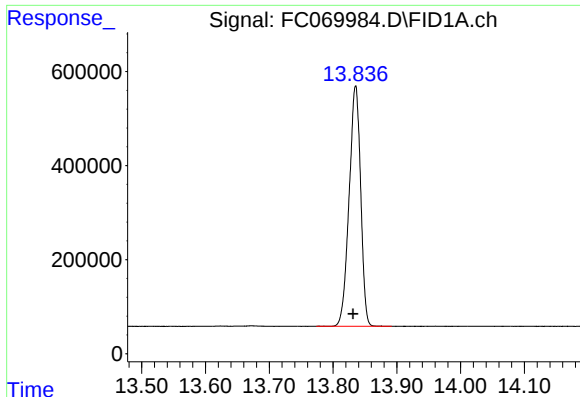
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.003 min
Response: 6594370
Conc: 42.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: 0.001 min
Response: 4461515
Conc: 32.87 ug/ml



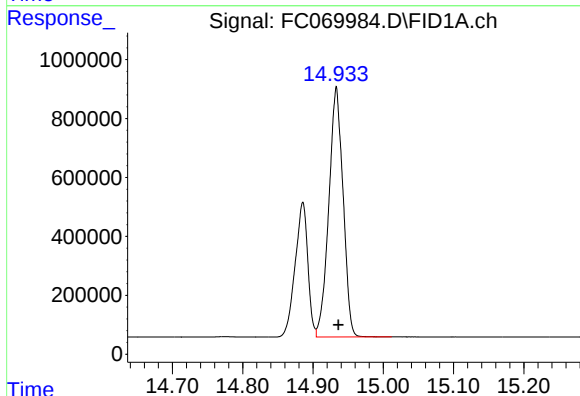
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: 0.004 min
Response: 6422403
Conc: 41.73 ug/ml

Instrument :
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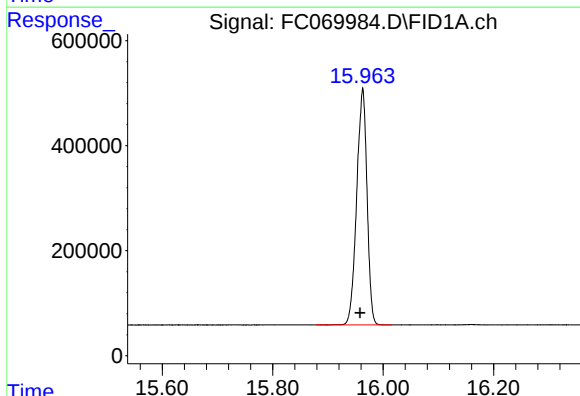
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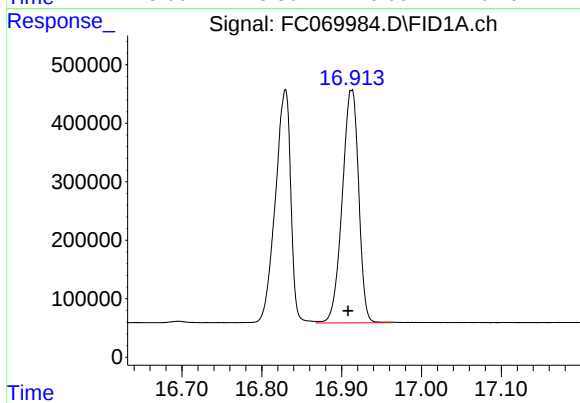
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.003 min
Response: 11933929
Conc: 78.70 ug/ml



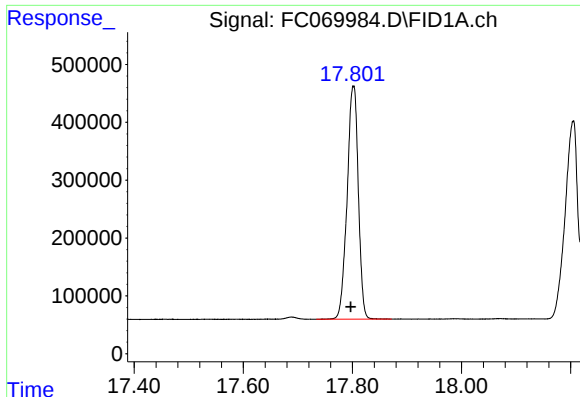
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: 0.005 min
Response: 5842696
Conc: 40.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: 0.005 min
Response: 5705858
Conc: 41.26 ug/ml m



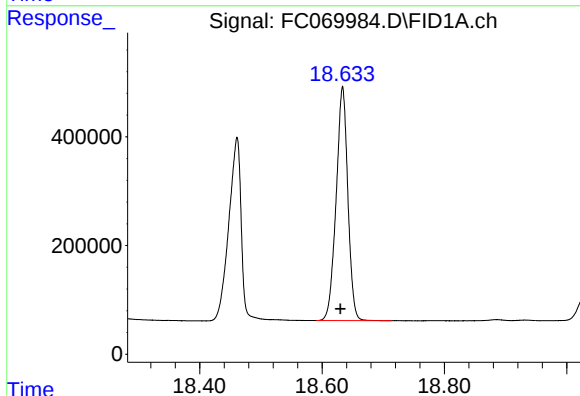
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: 0.005 min
Response: 5744811
Conc: 42.08 ug/ml

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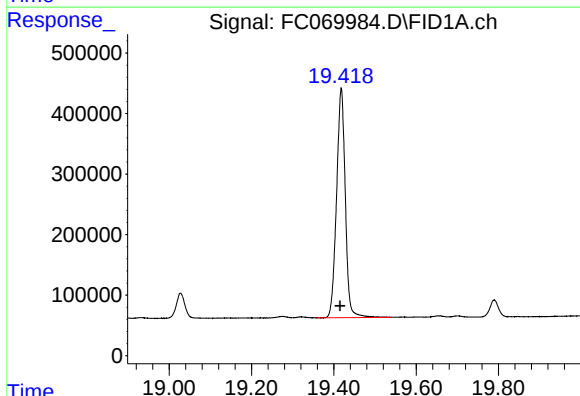
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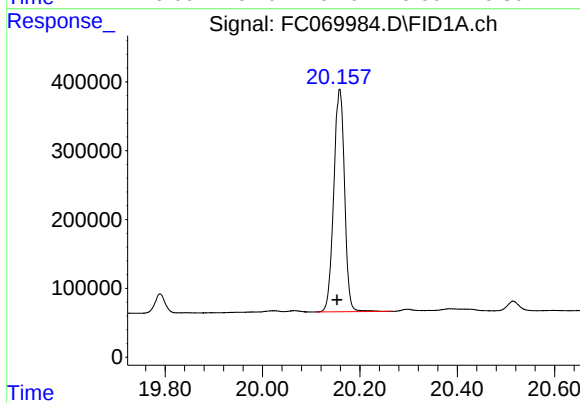
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.003 min
Response: 5722091
Conc: 44.38 ug/ml



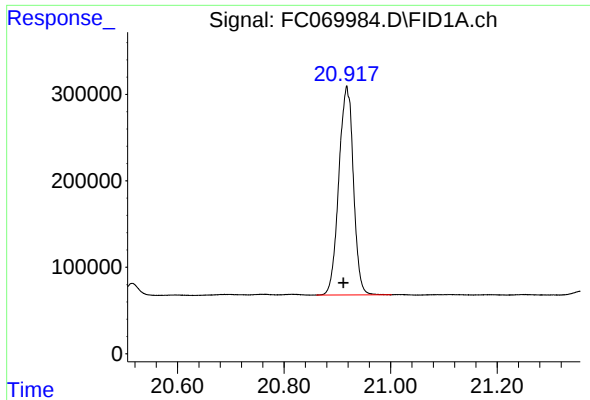
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: 0.003 min
Response: 5580450
Conc: 48.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min
Delta R.T.: 0.005 min
Response: 4986850
Conc: 51.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.006 min
Response: 4578349
Conc: 52.53 ug/ml

Instrument :

FID_C

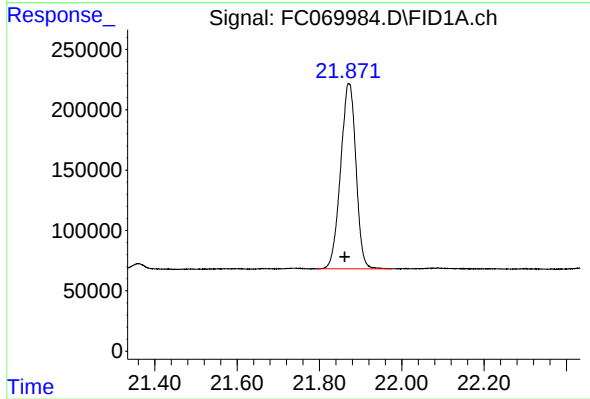
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#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: 0.010 min
Response: 3970561
Conc: 48.33 ug/ml