

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070131.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 21:08
 Operator : YP/AJ
 Sample : Q3474-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: autoint1.e
 Quant Time: Nov 04 03:32:52 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)	11.640	3318116	18.896 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.076	2782207	20.496 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T n-Nonane (C9)	3.394	4577880	33.338 ug/ml
2) T n-Decane (C10)	4.459	4852420	33.753 ug/ml
3) T A~Naphthalene (C11.7)	6.049	6121722	37.878 ug/ml
4) T n-Dodecane (C12)	6.475	5151722	33.611 ug/ml
5) T A~2-methylnaphthalene...	7.106	5538455	34.713 ug/ml
6) T n-Tetradecane (C14)	8.273	5255412	33.044 ug/ml
7) T n-Hexadecane (C16)	9.875	5238506	31.085 ug/ml
8) T n-Octadecane (C18)	11.319	5185293	30.479 ug/ml
10) T n-Eicosane (C20)	12.631	5081436	31.673 ug/ml
11) T n-Heneicosane (C21)	13.243	5005451	32.236 ug/ml
13) T n-Docosane (C22)	13.830	4939764	32.098 ug/ml
14) T n-Tetracosane (C24)	14.932	10225162	67.435 ug/ml
15) T n-Hexacosane (C26)	15.961	4475545	30.921 ug/ml
16) T n-Octacosane (C28)	16.910	4487846	32.449 ug/mlm
17) T n-Tricontane (C30)	17.801	4268916	31.266 ug/ml
18) T n-Dotriacontane (C32)	18.632	4309264	33.422 ug/mlm
19) T n-Tetratriacontane (C34)	19.418	4136740	36.256 ug/ml
20) T n-Hexatriacontane (C36)	20.157	3754063	38.817 ug/mlm
21) T n-Octatriacontane (C38)	20.918	3709703	42.563 ug/mlm
22) T n-Tetracontane (C40)	21.871	3901482	47.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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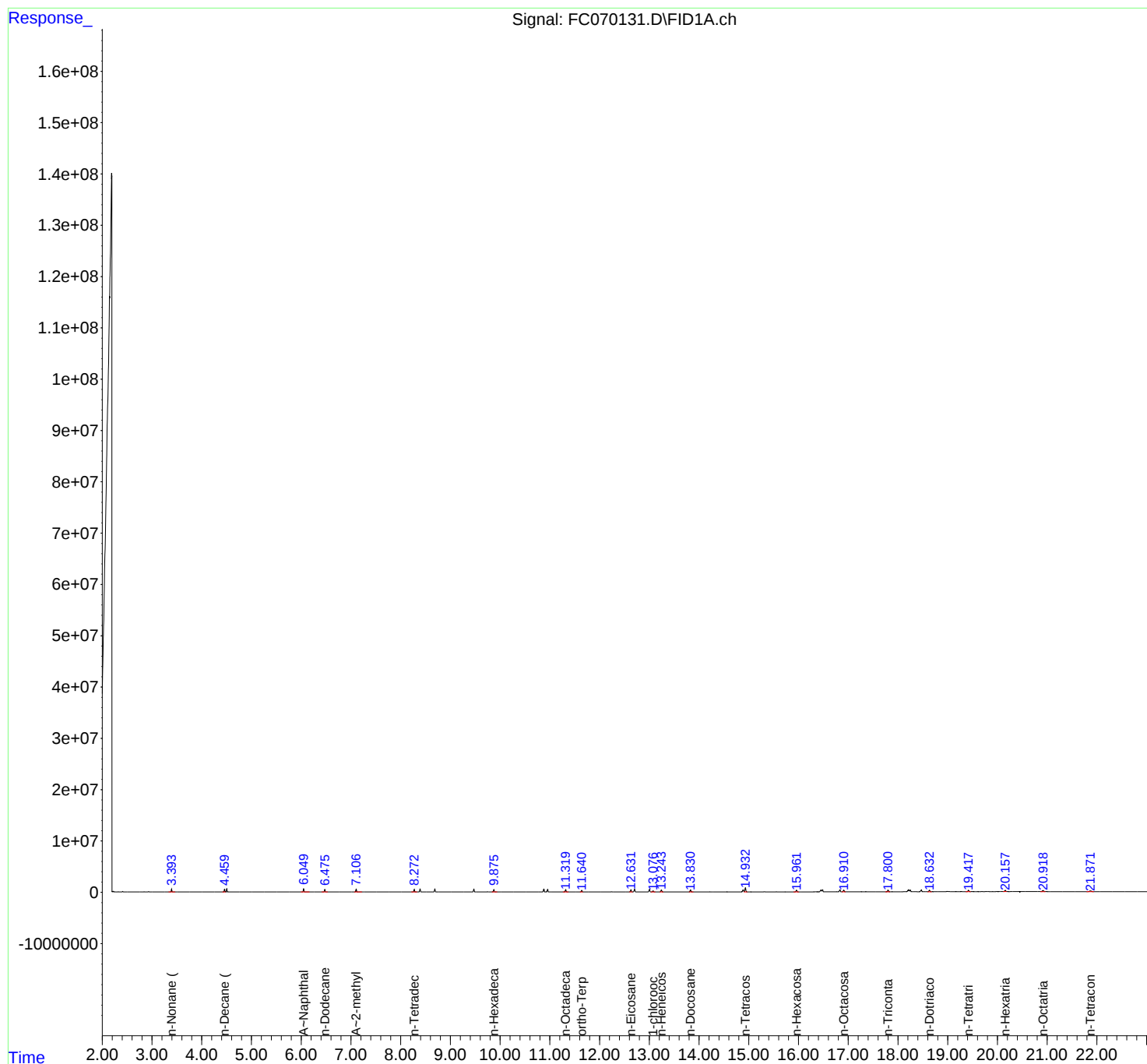
Instrument :
FID_C
ClientSampleId :
5MS

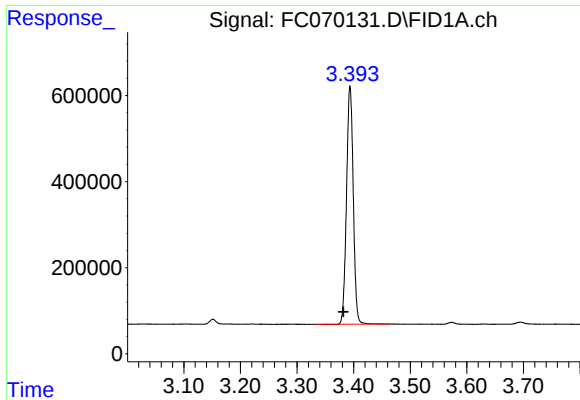
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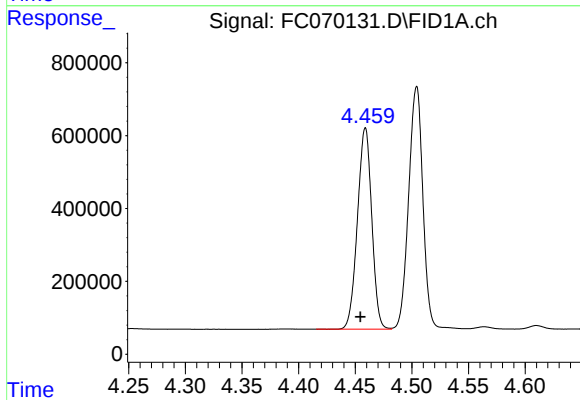
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: 0.012 min
Response: 4577880
Conc: 33.34 ug/ml

Instrument :
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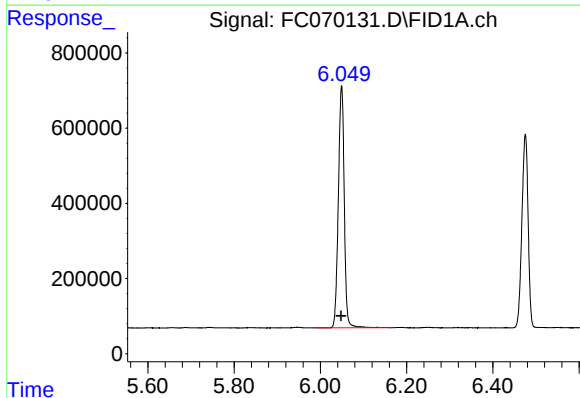
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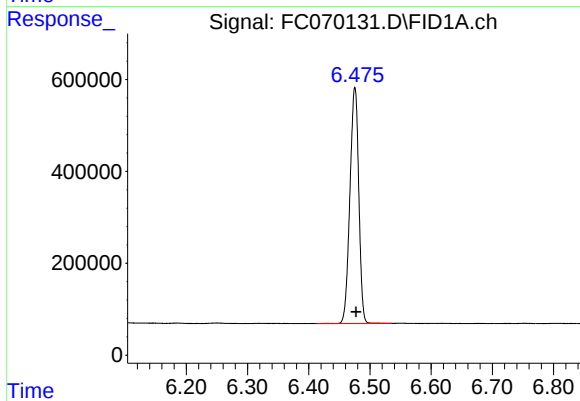
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: 0.004 min
Response: 4852420
Conc: 33.75 ug/ml



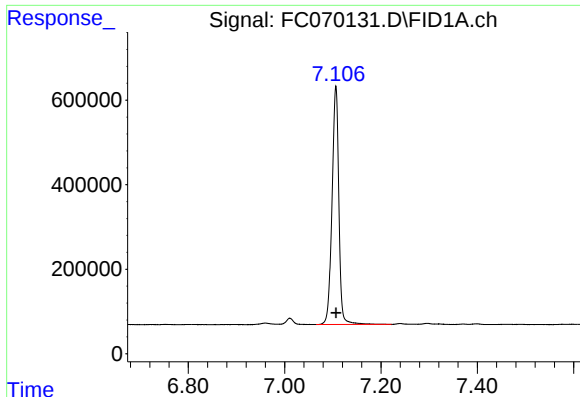
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: 0.001 min
Response: 6121722
Conc: 37.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 5151722
Conc: 33.61 ug/ml



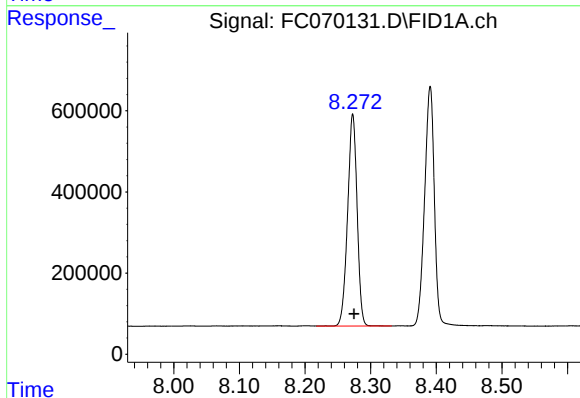
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 5538455
Conc: 34.71 ug/ml

Instrument :
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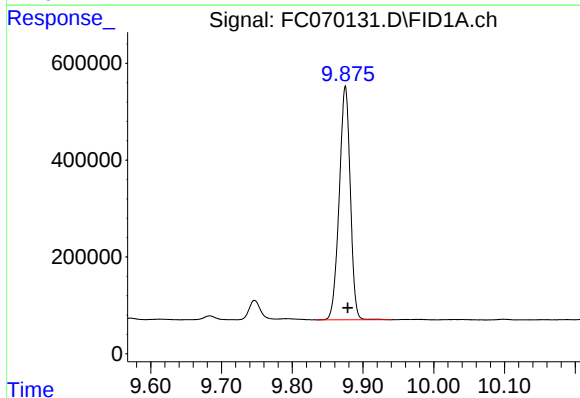
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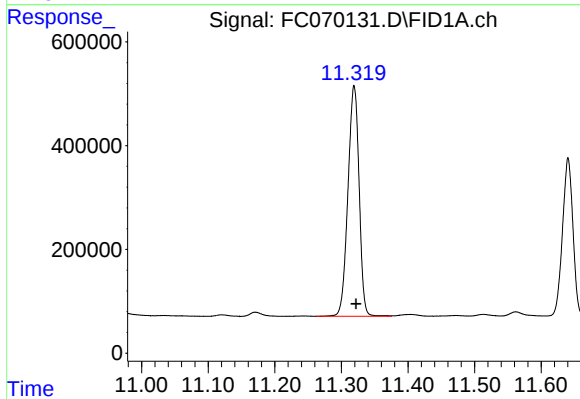
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 5255412
Conc: 33.04 ug/ml



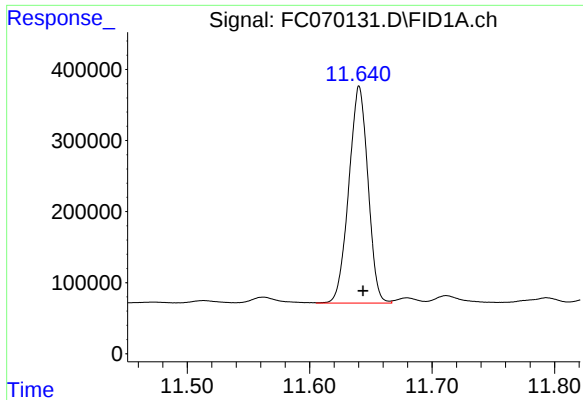
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.004 min
Response: 5238506
Conc: 31.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 5185293
Conc: 30.48 ug/ml



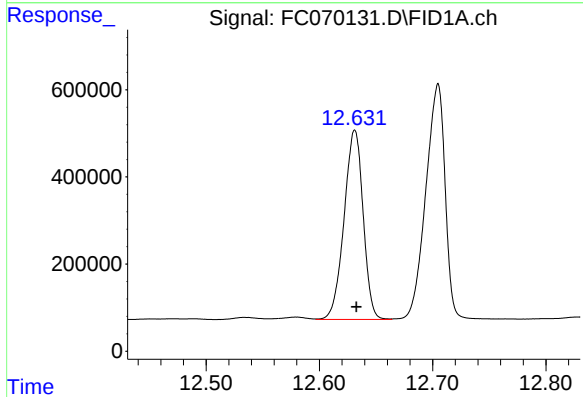
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.003 min
Response: 3318116
Conc: 18.90 ug/ml

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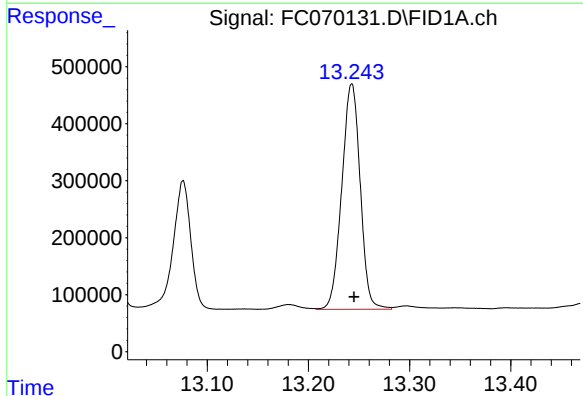
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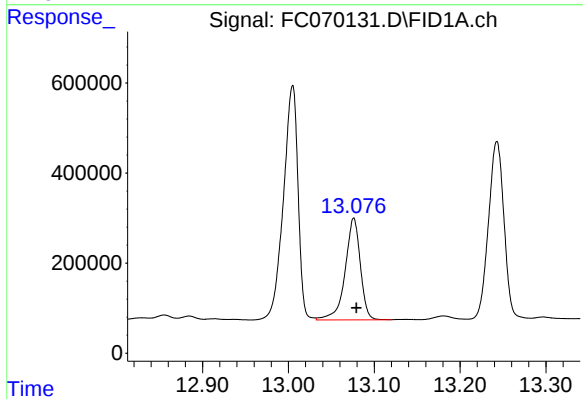
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.001 min
Response: 5081436
Conc: 31.67 ug/ml



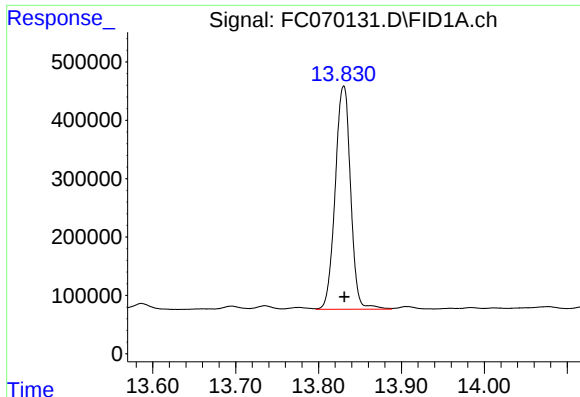
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.002 min
Response: 5005451
Conc: 32.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: -0.003 min
Response: 2782207
Conc: 20.50 ug/ml



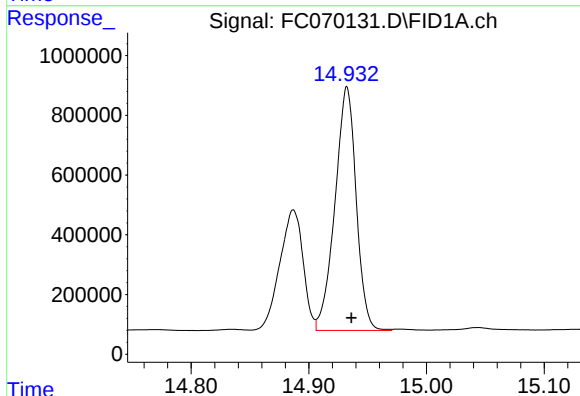
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.001 min
Response: 4939764
Conc: 32.10 ug/ml

Instrument :
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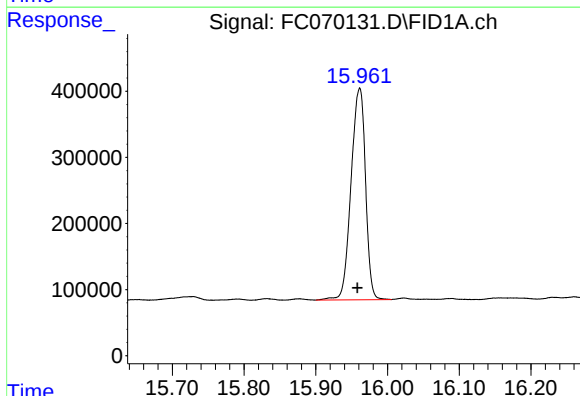
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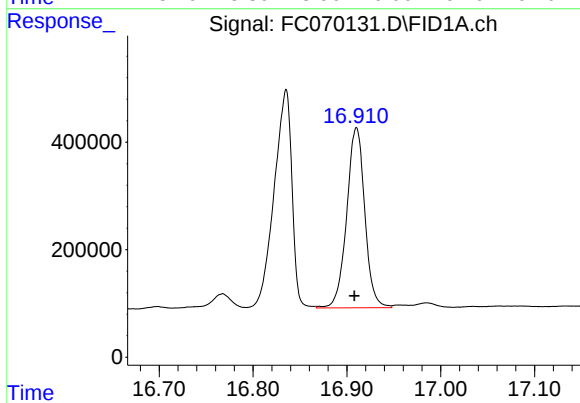
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 10225162
Conc: 67.43 ug/ml



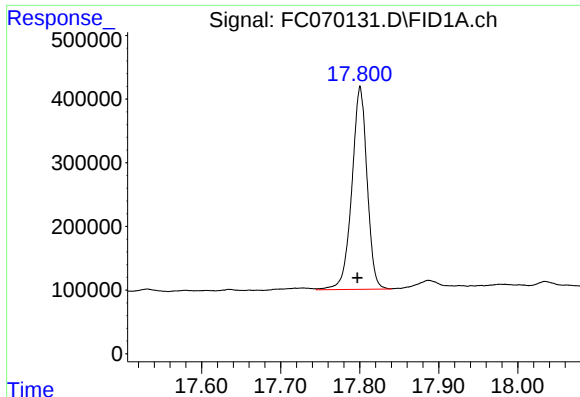
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: 0.003 min
Response: 4475545
Conc: 30.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: 0.002 min
Response: 4487846
Conc: 32.45 ug/ml m



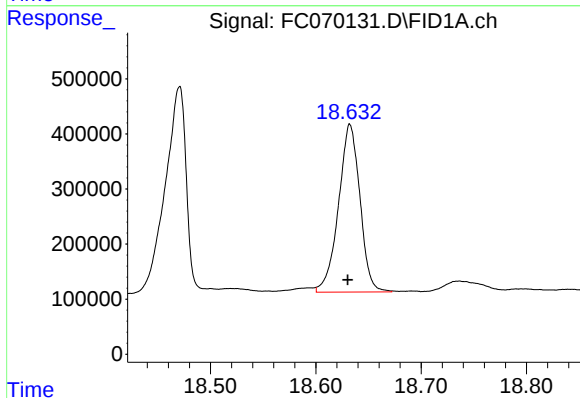
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: 0.004 min
Response: 4268916
Conc: 31.27 ug/ml

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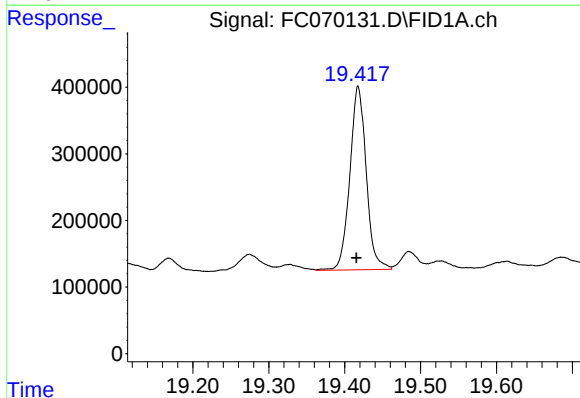
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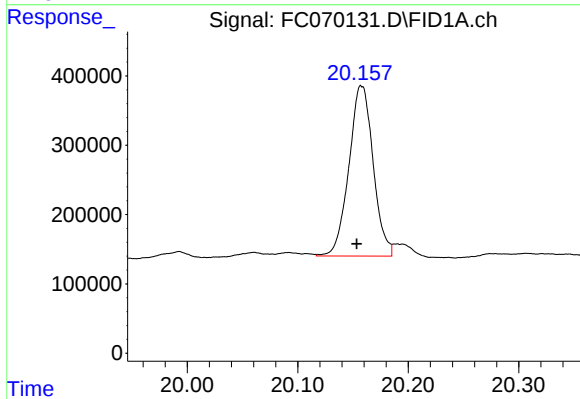
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: 0.001 min
Response: 4309264
Conc: 33.42 ug/ml m



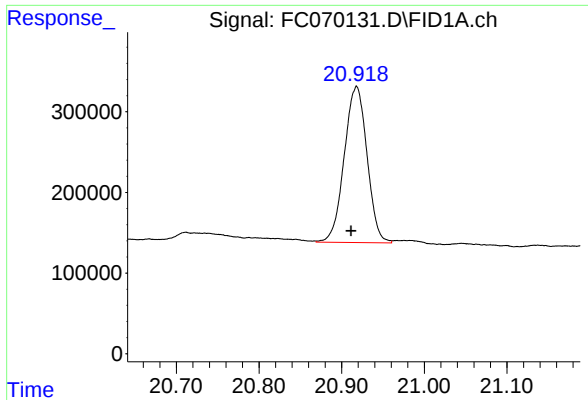
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: 0.003 min
Response: 4136740
Conc: 36.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.157 min
Delta R.T.: 0.003 min
Response: 3754063
Conc: 38.82 ug/ml m



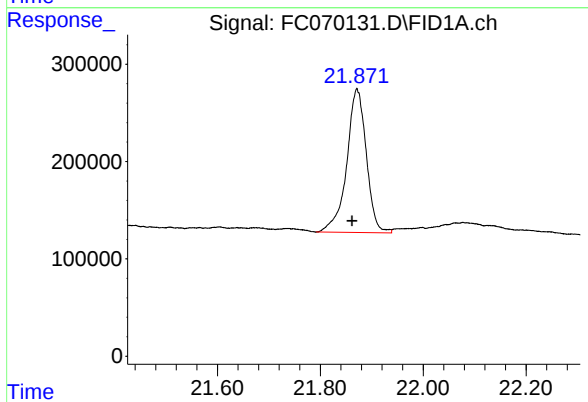
#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.006 min
Response: 3709703
Conc: 42.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: 0.010 min
Response: 3901482
Conc: 47.48 ug/ml