

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070149.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 19:51
 Operator : YP/AJ
 Sample : PB170423BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170423BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File: autoint1.e
 Quant Time: Nov 07 03:05:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 06 14:47:49 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)	11.641	6589727	37.540 ug/ml
Spiked Amount 50.000		Recovery =	75.08%
12) S 1-chlorooctadecane (S...	13.073	5240262	39.194 ug/ml
Spiked Amount 50.000		Recovery =	78.39%
Target Compounds			
1) T n-Nonane (C9)	3.387	4427046	31.217 ug/ml
2) T n-Decane (C10)	4.454	4674018	31.833 ug/ml
3) T A~Naphthalene (C11.7)	6.045	5566414	34.616 ug/ml
4) T n-Dodecane (C12)	6.472	5038759	32.859 ug/ml
5) T A~2-methylnaphthalene...	7.103	5263890	33.748 ug/ml
6) T n-Tetradecane (C14)	8.271	5262574	33.482 ug/ml
7) T n-Hexadecane (C16)	9.872	5469340	32.994 ug/ml
8) T n-Octadecane (C18)	11.317	5441922	32.286 ug/ml
10) T n-Eicosane (C20)	12.628	5459058	34.126 ug/ml
11) T n-Heneicosane (C21)	13.240	5215548	33.641 ug/ml
13) T n-Docosane (C22)	13.827	5094409	32.910 ug/ml
14) T n-Tetracosane (C24)	14.926	9571638	61.413 ug/ml
15) T n-Hexacosane (C26)	15.955	4648650	31.231 ug/ml
16) T n-Octacosane (C28)	16.903	4466819	30.733 ug/mlm
17) T n-Tricontane (C30)	17.795	4365276	29.427 ug/ml
18) T n-Dotriacontane (C32)	18.627	4205346	28.899 ug/ml
19) T n-Tetratriacontane (C34)	19.410	4038695	31.384 ug/mlm
20) T n-Hexatriacontane (C36)	20.150	3476290	32.252 ug/ml
21) T n-Octatriacontane (C38)	20.906	3131983	32.853 ug/ml
22) T n-Tetracontane (C40)	21.858	2793679	31.509 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB170423BS
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ALS Vial : 25 Sample Multiplier: 1

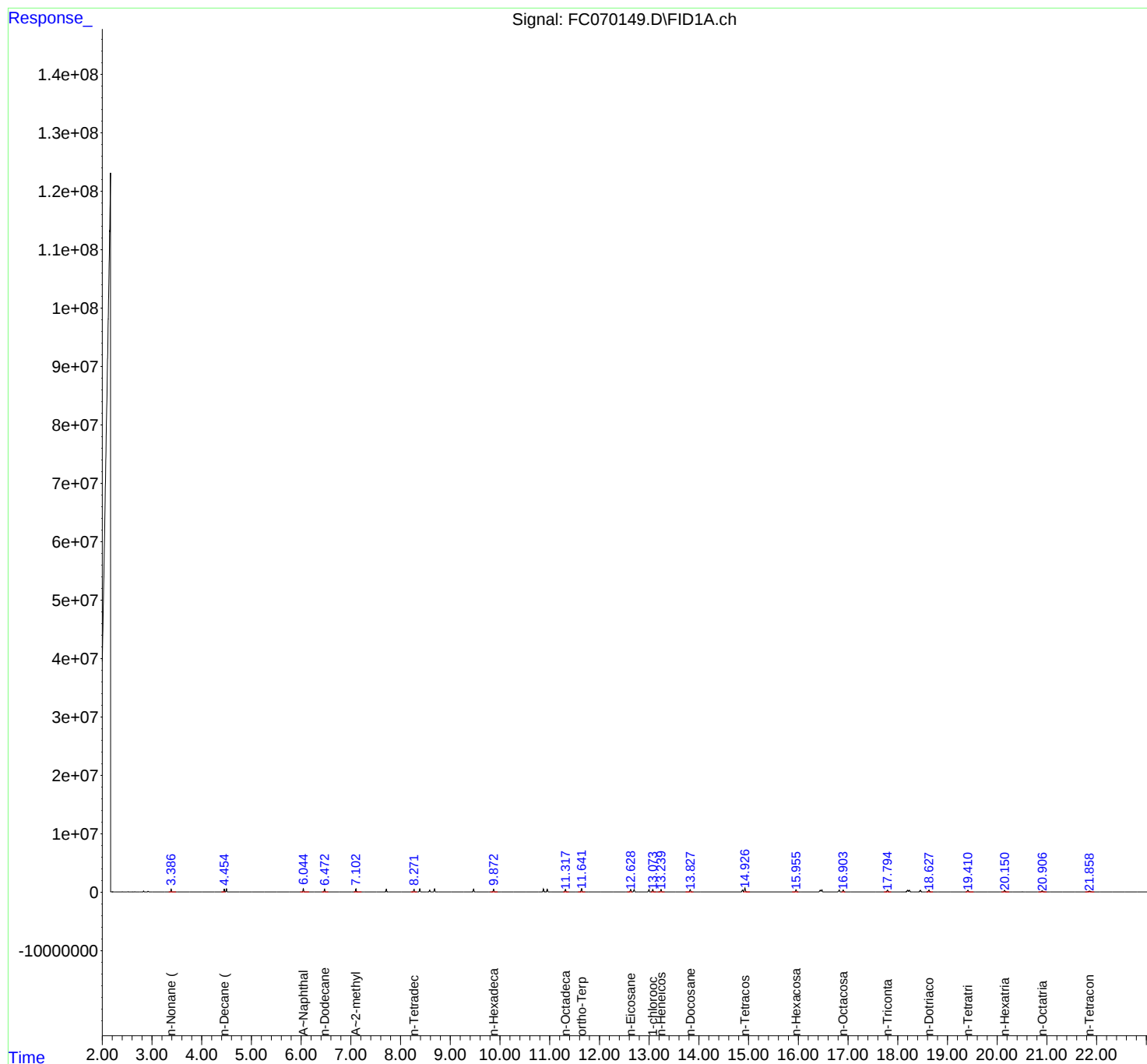
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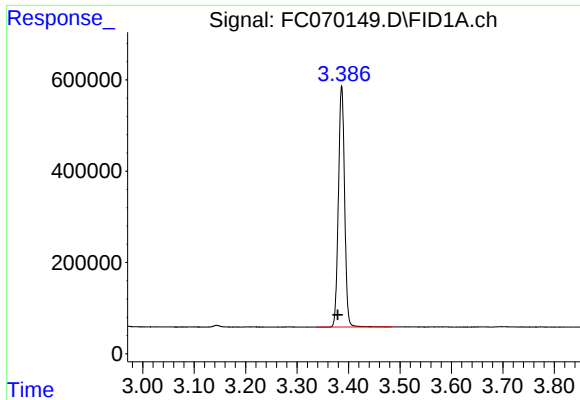
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#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: 0.008 min
Response: 4427046
Conc: 31.22 ug/ml

Instrument :

FID_C

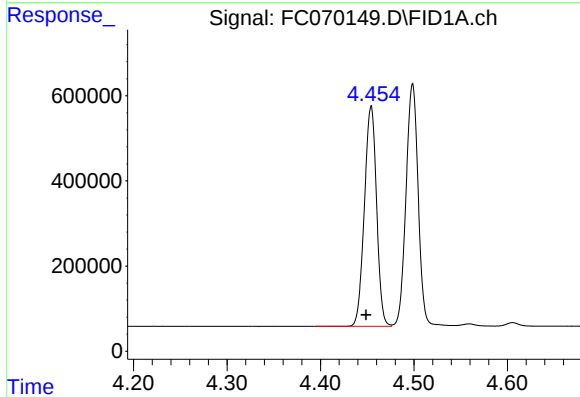
ClientSampleId :

PB170423BS

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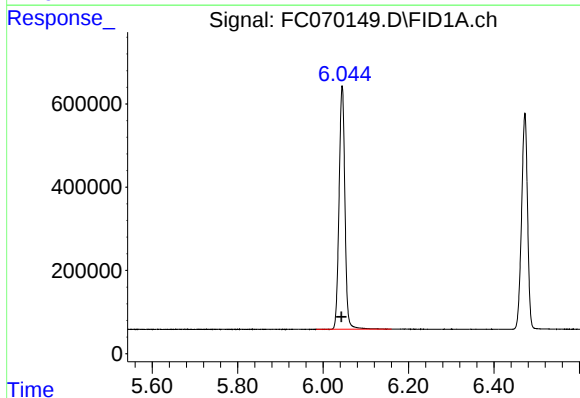
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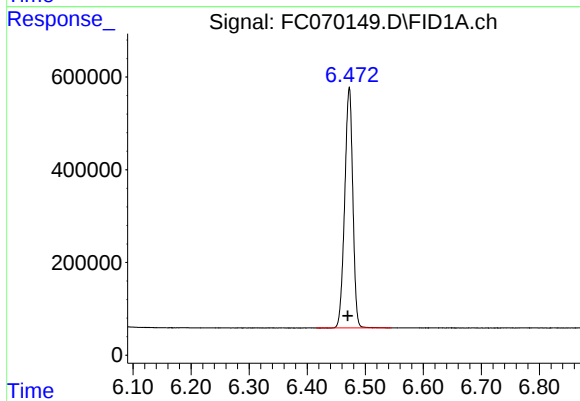
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.005 min
Response: 4674018
Conc: 31.83 ug/ml



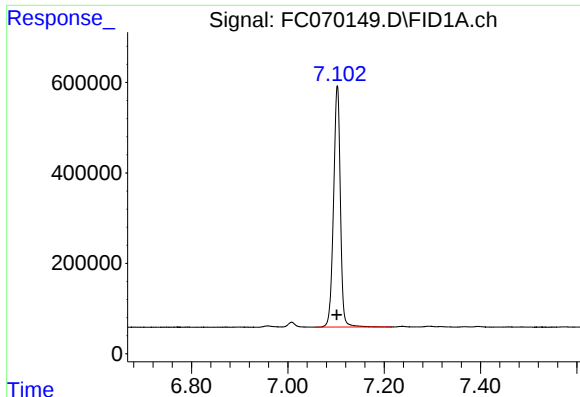
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: 0.001 min
Response: 5566414
Conc: 34.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 5038759
Conc: 32.86 ug/ml



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

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 5263890
Conc: 33.75 ug/ml

Instrument :

FID_C

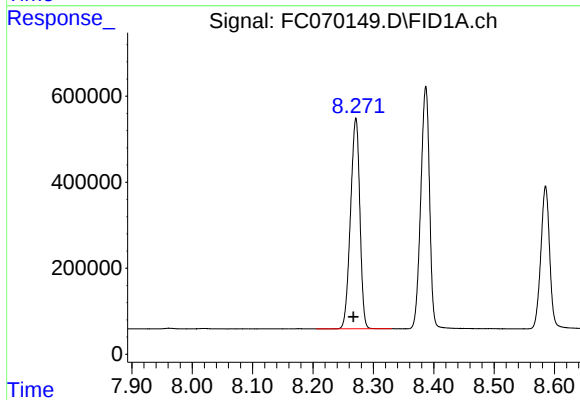
ClientSampleId :

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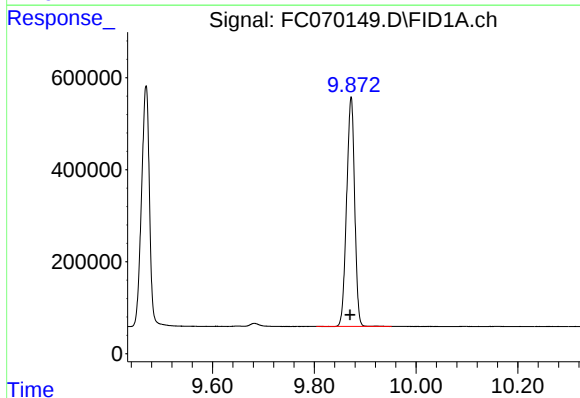
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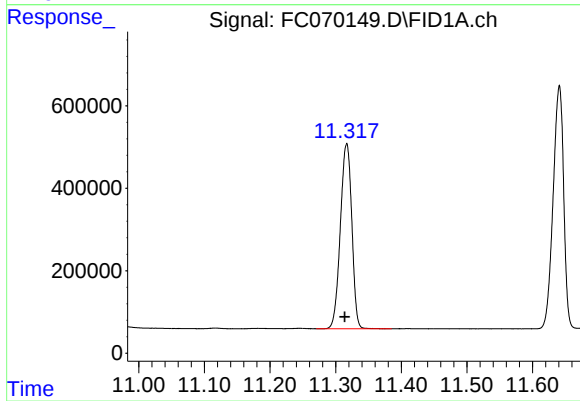
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: 0.004 min
Response: 5262574
Conc: 33.48 ug/ml



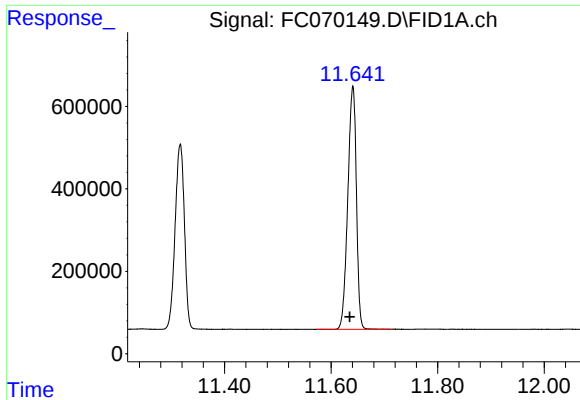
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: 0.002 min
Response: 5469340
Conc: 32.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: 0.003 min
Response: 5441922
Conc: 32.29 ug/ml



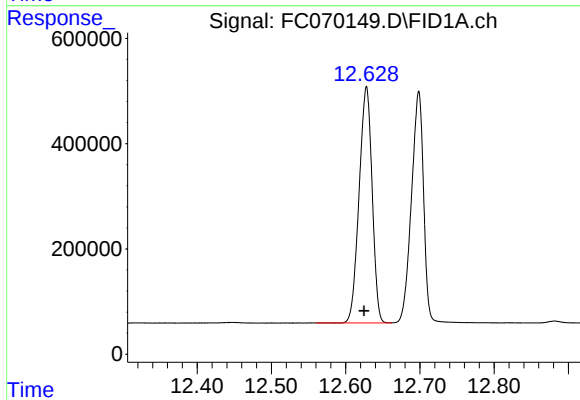
#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: 0.005 min
Response: 6589727
Conc: 37.54 ug/ml

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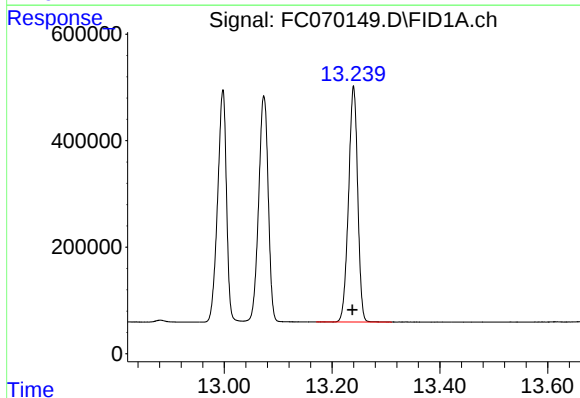
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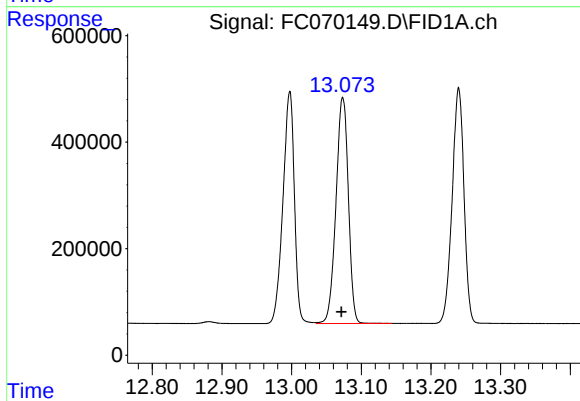
#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: 0.003 min
Response: 5459058
Conc: 34.13 ug/ml



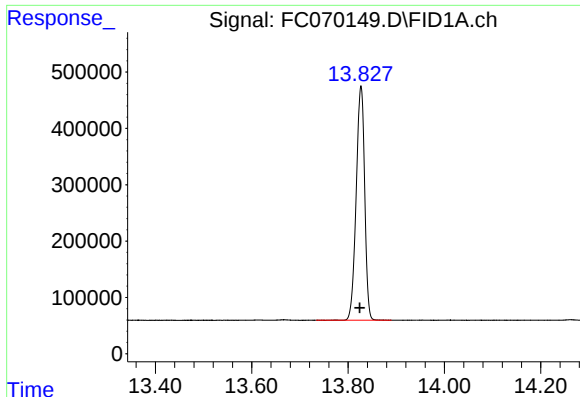
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: 0.002 min
Response: 5215548
Conc: 33.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min
Delta R.T.: 0.002 min
Response: 5240262
Conc: 39.19 ug/ml



#13 n-Docosane (C22)

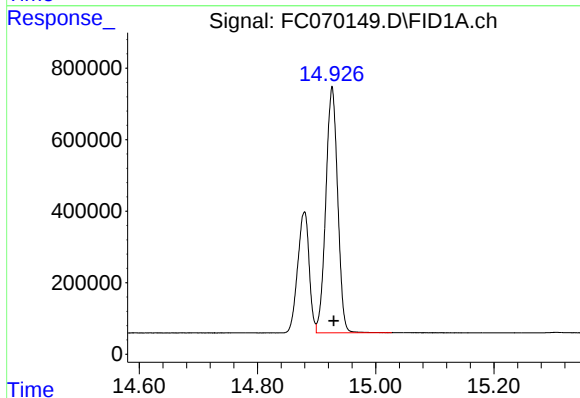
R.T.: 13.827 min
Delta R.T.: 0.002 min
Response: 5094409
Conc: 32.91 ug/ml

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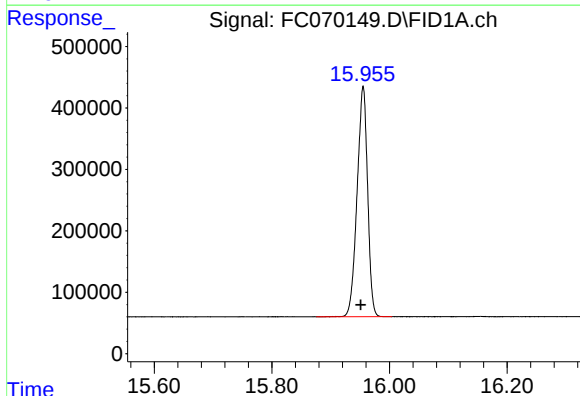
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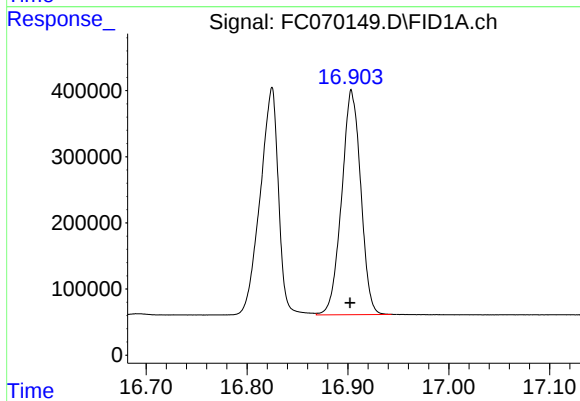
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.003 min
Response: 9571638
Conc: 61.41 ug/ml



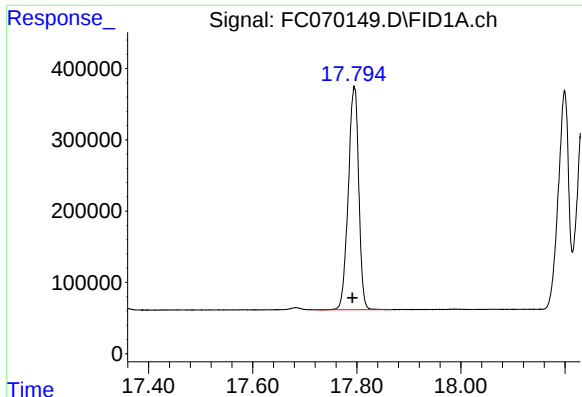
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: 0.004 min
Response: 4648650
Conc: 31.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: 0.000 min
Response: 4466819
Conc: 30.73 ug/ml m



#17 n-Tricontane (C30)

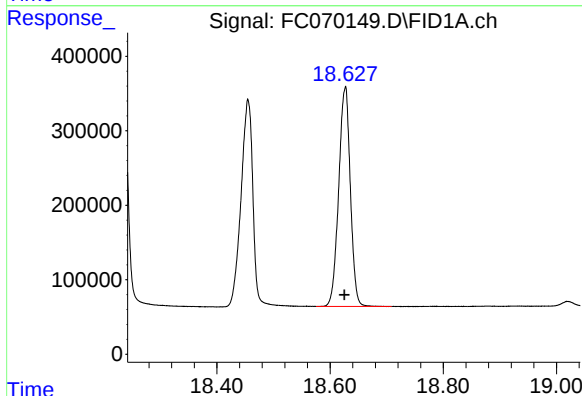
R.T.: 17.795 min
Delta R.T.: 0.004 min
Response: 4365276
Conc: 29.43 ug/ml

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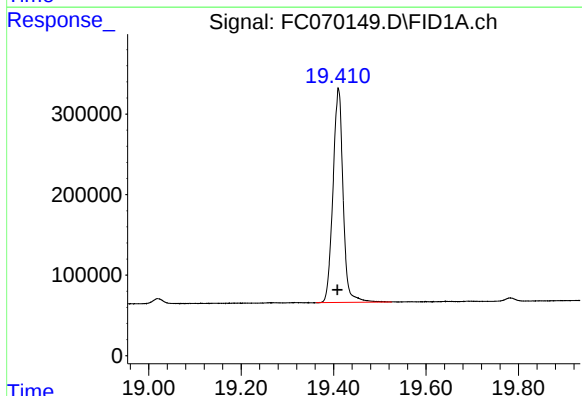
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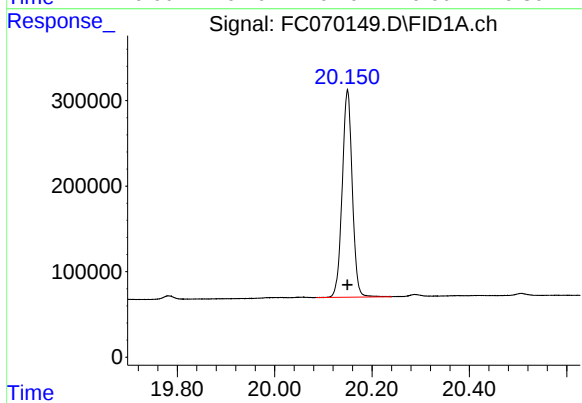
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: 0.001 min
Response: 4205346
Conc: 28.90 ug/ml



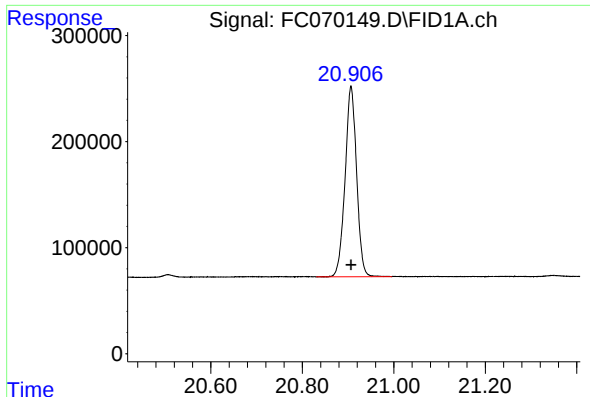
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.001 min
Response: 4038695
Conc: 31.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.150 min
Delta R.T.: 0.000 min
Response: 3476290
Conc: 32.25 ug/ml



#21 n-Octatriacontane (C38)

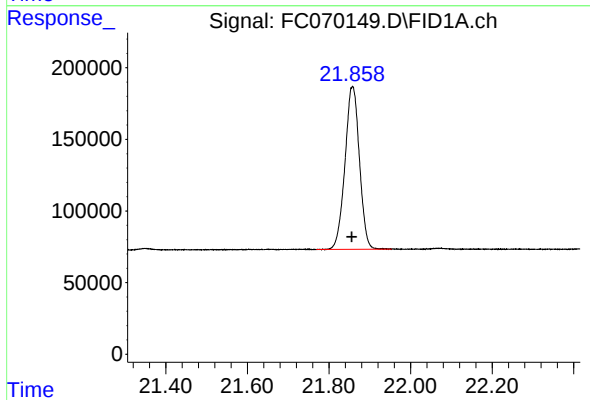
R.T.: 20.906 min
Delta R.T.: 0.000 min
Response: 3131983
Conc: 32.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.858 min
Delta R.T.: 0.002 min
Response: 2793679
Conc: 31.51 ug/ml