

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070029.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 14:39
 Operator : YP/AJ
 Sample : PB170249BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170249BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 24 16:08:43 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)	11.642	5782227	32.928 ug/ml
Spiked Amount 50.000		Recovery =	65.86%
12) S 1-chlorooctadecane (S...	13.076	4561234	33.602 ug/ml
Spiked Amount 50.000		Recovery =	67.20%
Target Compounds			
1) T n-Nonane (C9)	3.390	3754001	27.338 ug/ml
2) T n-Decane (C10)	4.456	4047758	28.156 ug/ml
3) T A~Naphthalene (C11.7)	6.046	5160382	31.930 ug/ml
4) T n-Dodecane (C12)	6.475	4473163	29.184 ug/ml
5) T A~2-methylnaphthalene...	7.104	4717708	29.569 ug/ml
6) T n-Tetradecane (C14)	8.273	4704933	29.583 ug/ml
7) T n-Hexadecane (C16)	9.875	4768756	28.298 ug/ml
8) T n-Octadecane (C18)	11.318	4744940	27.890 ug/ml
10) T n-Eicosane (C20)	12.629	4655901	29.021 ug/ml
11) T n-Heneicosane (C21)	13.242	4551374	29.312 ug/ml
13) T n-Docosane (C22)	13.829	4450544	28.919 ug/ml
14) T n-Tetracosane (C24)	14.926	8693233	57.332 ug/ml
15) T n-Hexacosane (C26)	15.956	4098139	28.314 ug/ml
16) T n-Octacosane (C28)	16.903	4015888	29.037 ug/mlm
17) T n-Tricontane (C30)	17.795	3767936	27.597 ug/ml
18) T n-Dotriacontane (C32)	18.627	3498595	27.135 ug/ml
19) T n-Tetratriacontane (C34)	19.410	3114638	27.298 ug/ml
20) T n-Hexatriacontane (C36)	20.151	2486604	25.712 ug/ml
21) T n-Octatriacontane (C38)	20.908	2110435	24.214 ug/ml
22) T n-Tetracontane (C40)	21.860	1835112	22.335 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

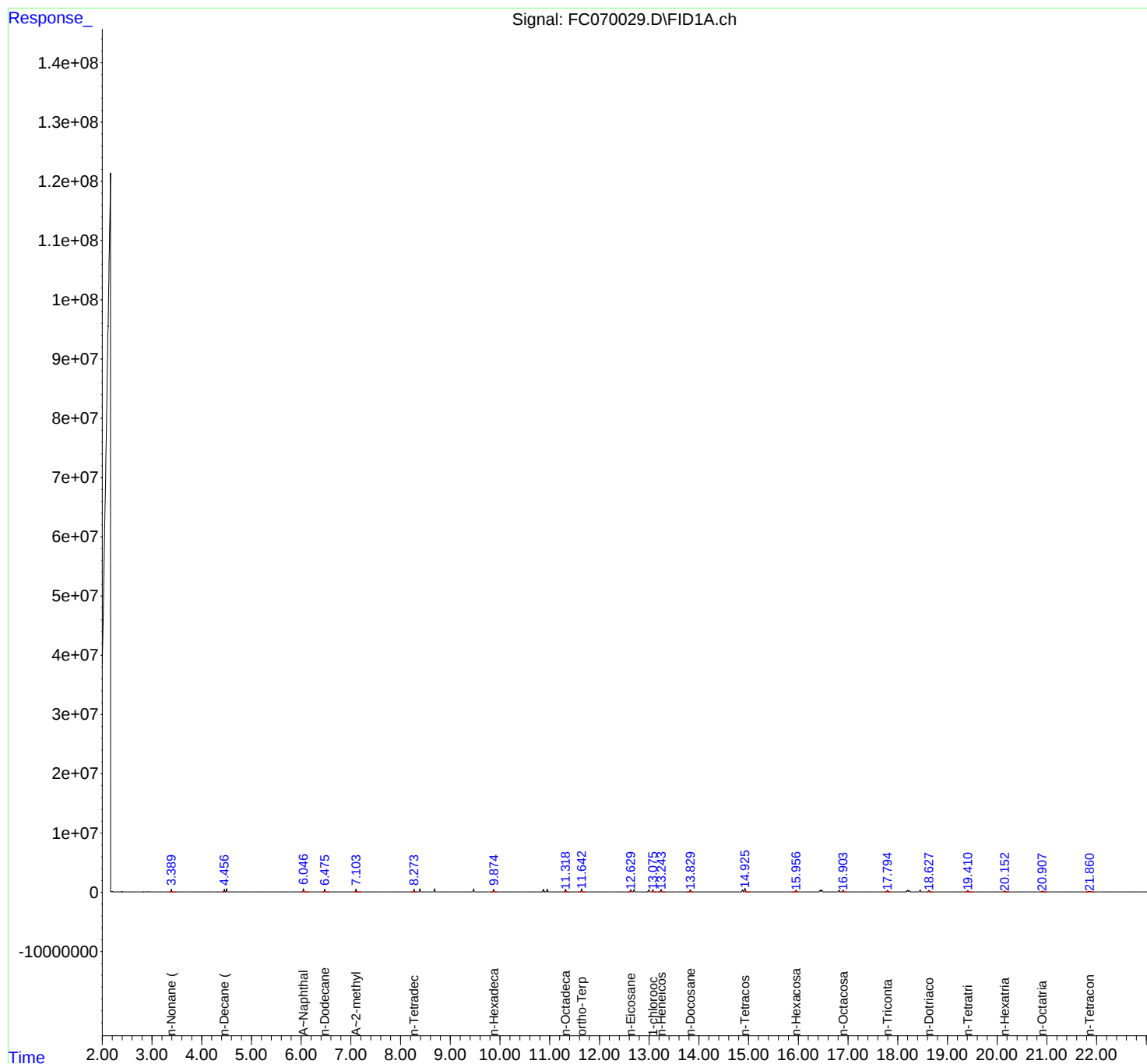
Instrument :
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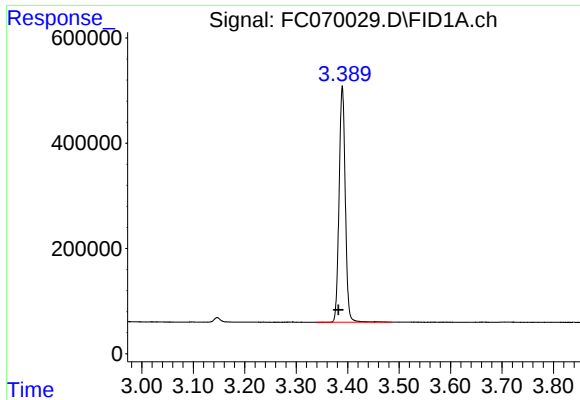
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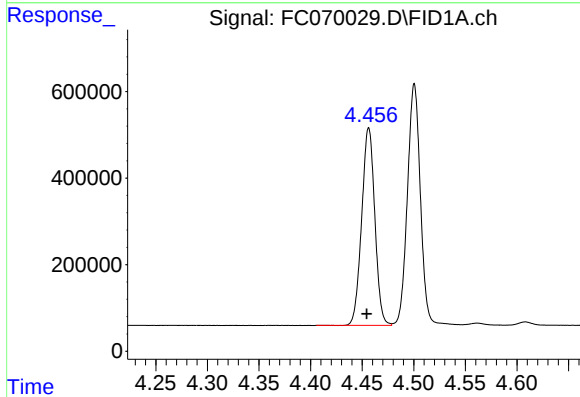
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: 0.008 min
Response: 3754001
Conc: 27.34 ug/ml

Instrument :
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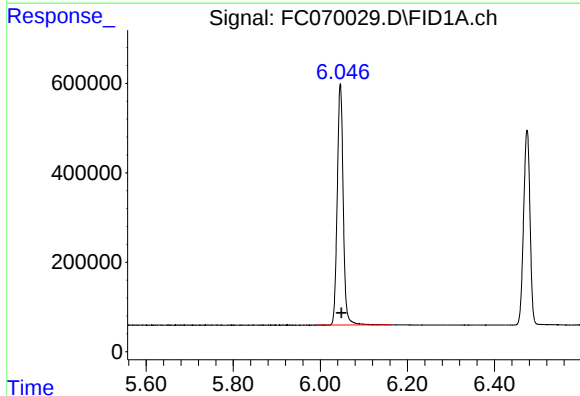
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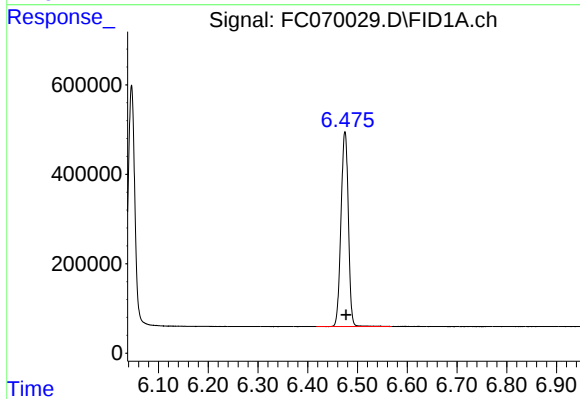
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: 0.002 min
Response: 4047758
Conc: 28.16 ug/ml



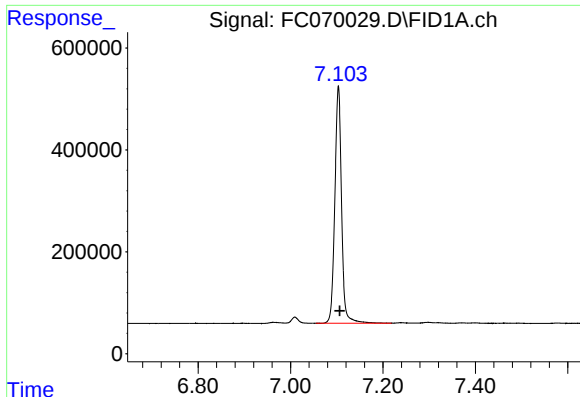
#3 A~Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 5160382
Conc: 31.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 4473163
Conc: 29.18 ug/ml



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

R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 4717708
Conc: 29.57 ug/ml

Instrument :

FID_C

ClientSampleId :

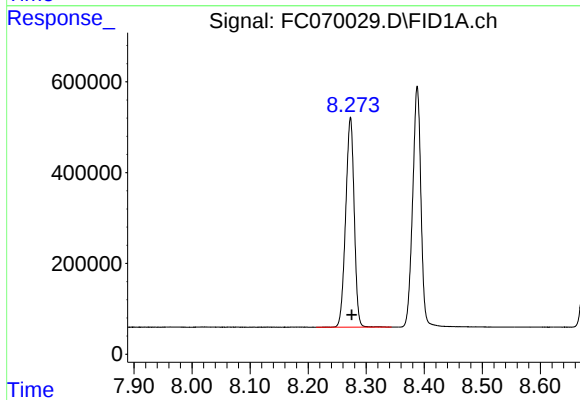
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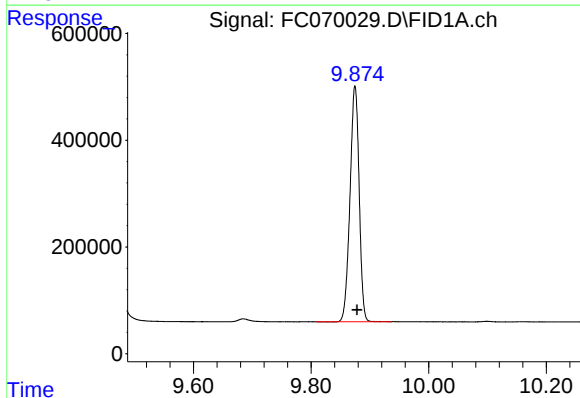
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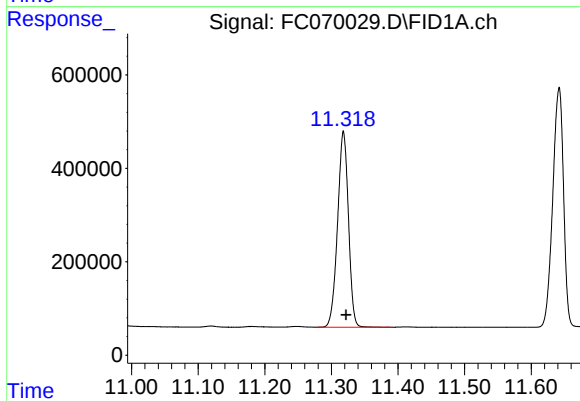
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 4704933
Conc: 29.58 ug/ml



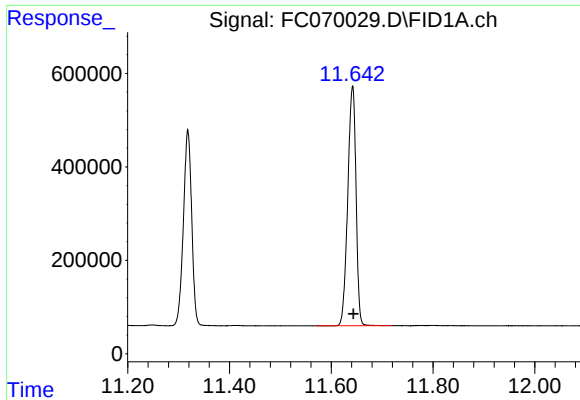
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.004 min
Response: 4768756
Conc: 28.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.004 min
Response: 4744940
Conc: 27.89 ug/ml



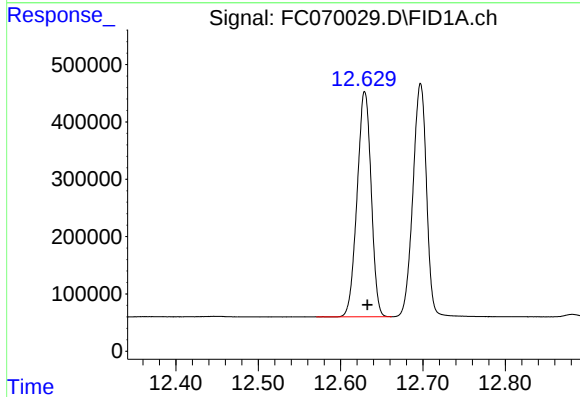
#9 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.002 min
Response: 5782227
Conc: 32.93 ug/ml

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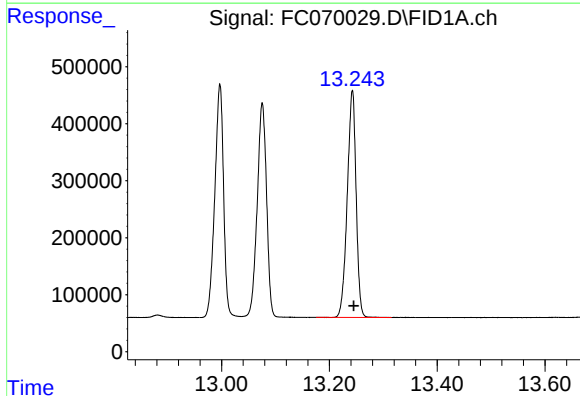
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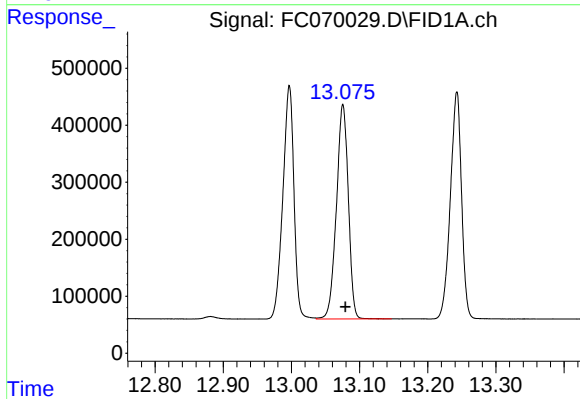
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.003 min
Response: 4655901
Conc: 29.02 ug/ml



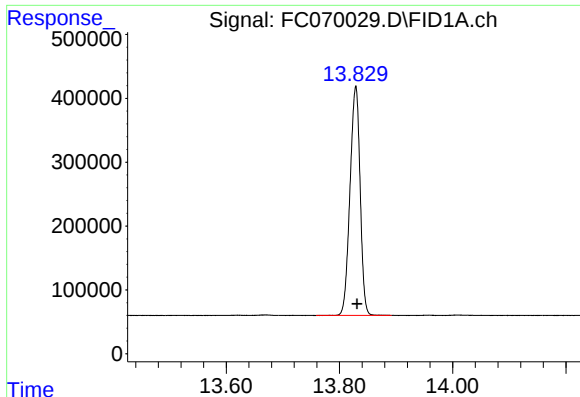
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.003 min
Response: 4551374
Conc: 29.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: -0.004 min
Response: 4561234
Conc: 33.60 ug/ml



#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.003 min
Response: 4450544
Conc: 28.92 ug/ml

Instrument :

FID_C

ClientSampleId :

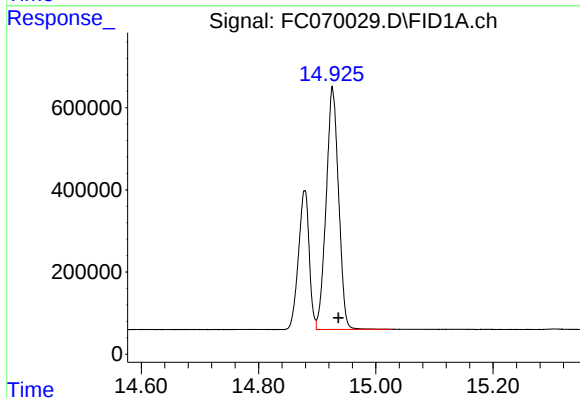
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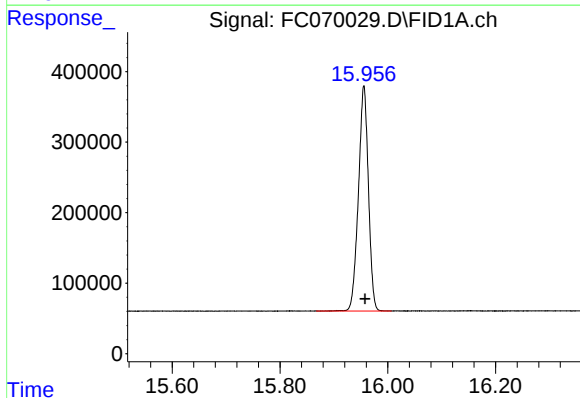
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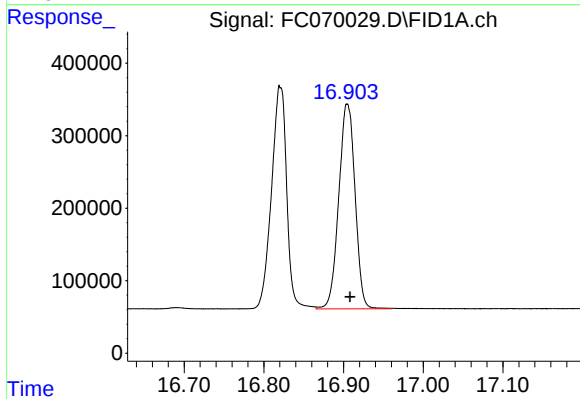
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.010 min
Response: 8693233
Conc: 57.33 ug/ml



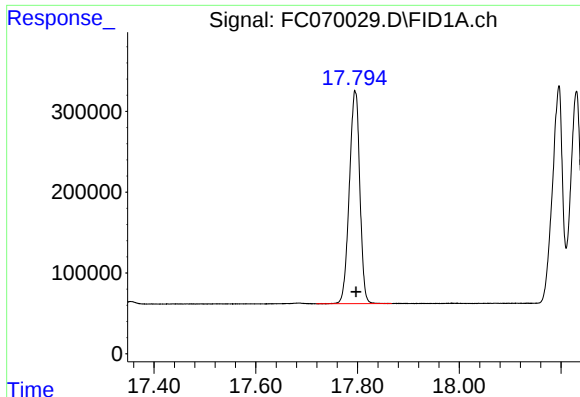
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.002 min
Response: 4098139
Conc: 28.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: -0.005 min
Response: 4015888
Conc: 29.04 ug/ml m



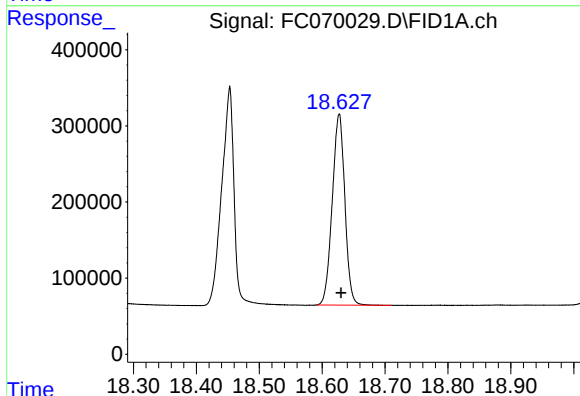
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 3767936
Conc: 27.60 ug/ml

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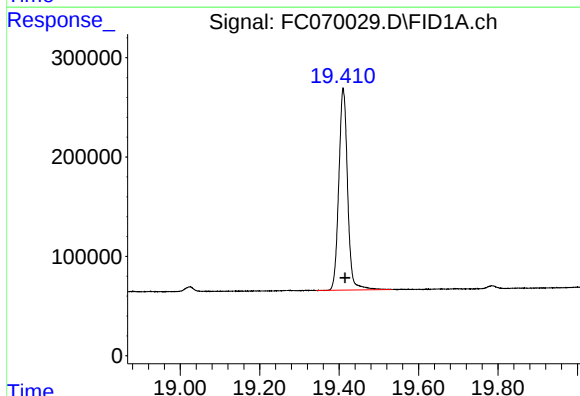
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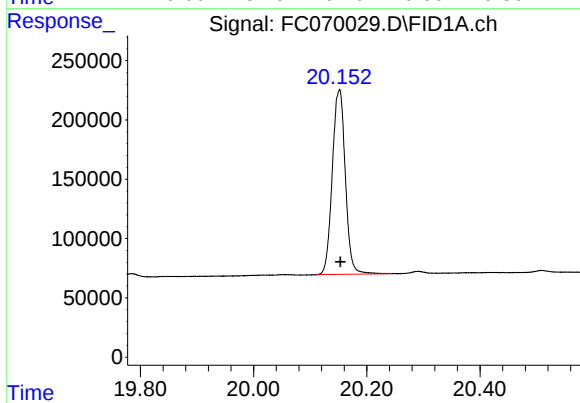
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.003 min
Response: 3498595
Conc: 27.13 ug/ml



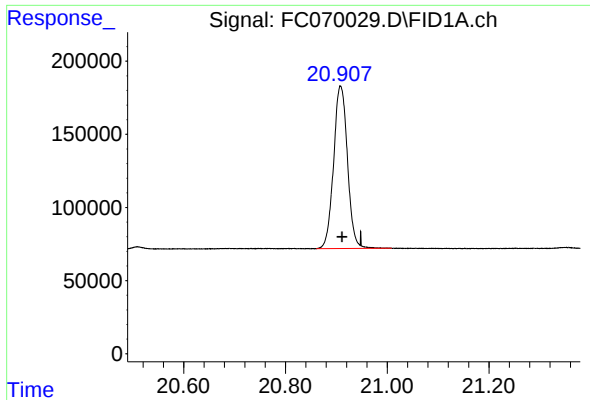
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: -0.005 min
Response: 3114638
Conc: 27.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.002 min
Response: 2486604
Conc: 25.71 ug/ml



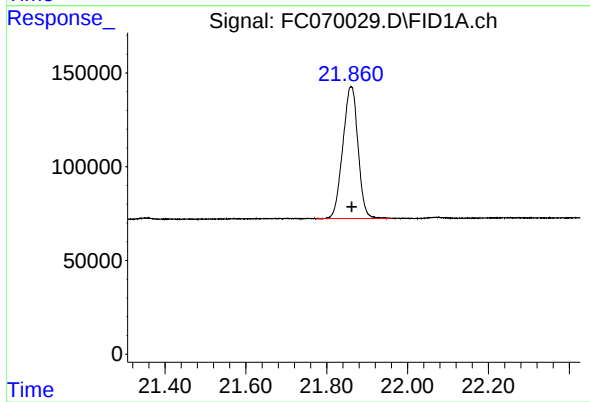
#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: -0.003 min
Response: 2110435
Conc: 24.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.002 min
Response: 1835112
Conc: 22.34 ug/ml