

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070030.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 15:20
 Operator : YP/AJ
 Sample : PB170249BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170249BSD

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 16:09:02 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	5835515	33.231 ug/ml
Spiked Amount 50.000		Recovery =	66.46%
12) S 1-chlorooctadecane (S...	13.077	4595101	33.852 ug/ml
Spiked Amount 50.000		Recovery =	67.70%
Target Compounds			
1) T n-Nonane (C9)	3.391	3816348	27.792 ug/ml
2) T n-Decane (C10)	4.457	4120440	28.662 ug/ml
3) T A~Naphthalene (C11.7)	6.047	5242996	32.441 ug/ml
4) T n-Dodecane (C12)	6.475	4548345	29.674 ug/ml
5) T A~2-methylnaphthalene...	7.104	4784955	29.990 ug/ml
6) T n-Tetradecane (C14)	8.273	4771784	30.003 ug/ml
7) T n-Hexadecane (C16)	9.875	4828978	28.655 ug/ml
8) T n-Octadecane (C18)	11.319	4797757	28.201 ug/ml
10) T n-Eicosane (C20)	12.630	4701725	29.306 ug/ml
11) T n-Heneicosane (C21)	13.242	4584754	29.527 ug/ml
13) T n-Docosane (C22)	13.830	4468709	29.037 ug/ml
14) T n-Tetracosane (C24)	14.926	8760273	57.774 ug/ml
15) T n-Hexacosane (C26)	15.956	4118229	28.453 ug/ml
16) T n-Octacosane (C28)	16.905	4016495	29.041 ug/mlm
17) T n-Tricontane (C30)	17.795	3756831	27.516 ug/ml
18) T n-Dotriacontane (C32)	18.627	3475748	26.958 ug/ml
19) T n-Tetratriacontane (C34)	19.412	3104955	27.213 ug/ml
20) T n-Hexatriacontane (C36)	20.151	2484831	25.693 ug/ml
21) T n-Octatriacontane (C38)	20.907	2110207	24.211 ug/ml
22) T n-Tetracontane (C40)	21.860	1861156	22.652 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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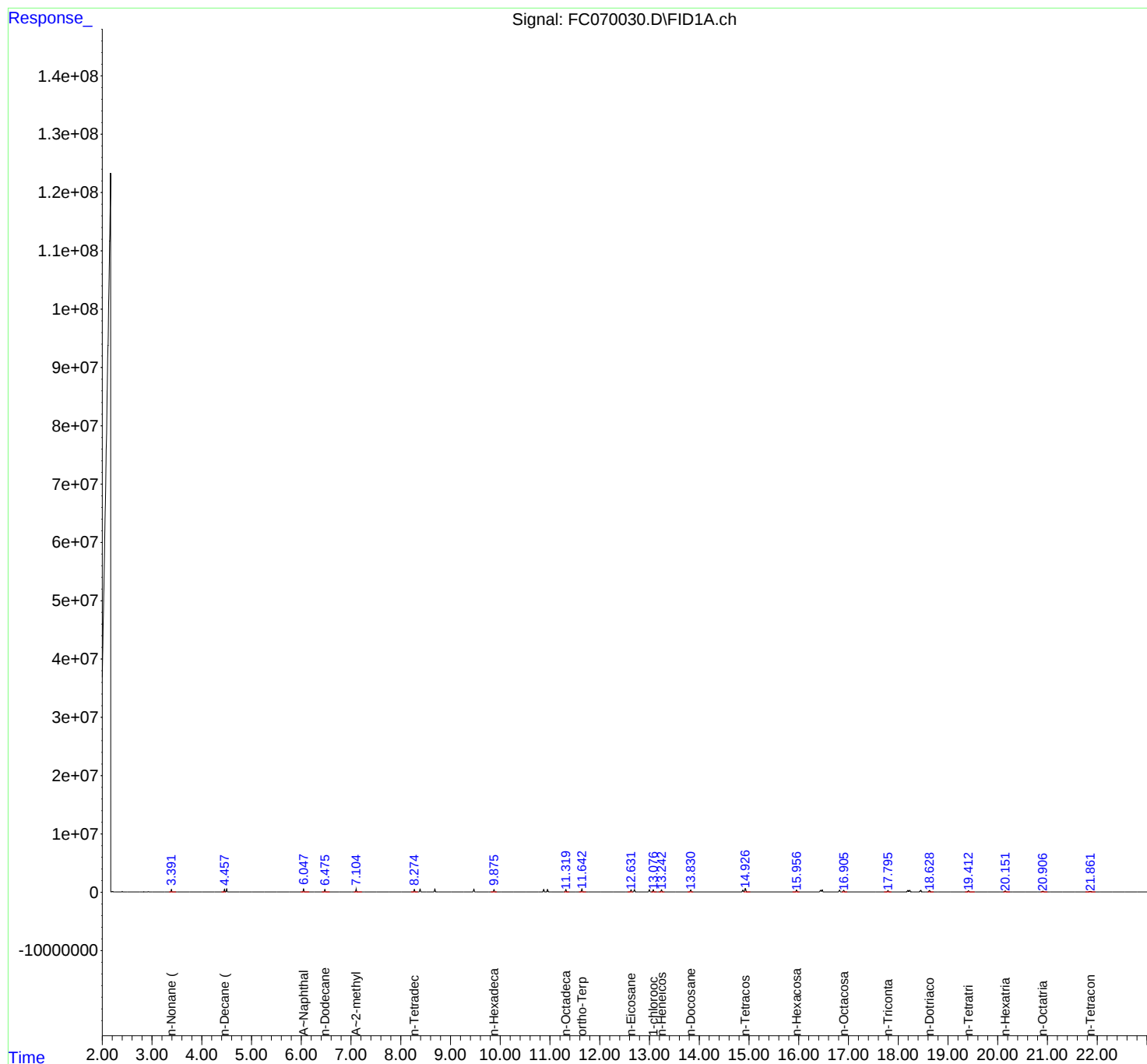
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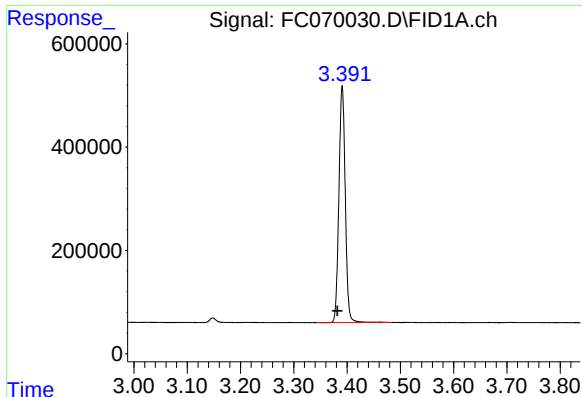
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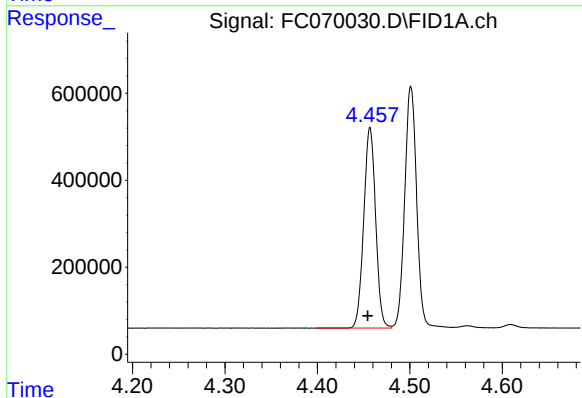
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: 0.009 min
Response: 3816348
Conc: 27.79 ug/ml

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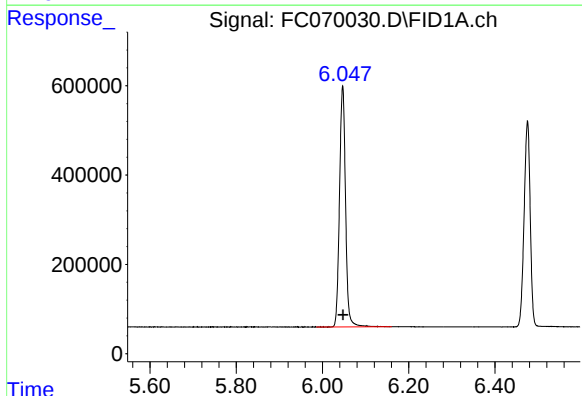
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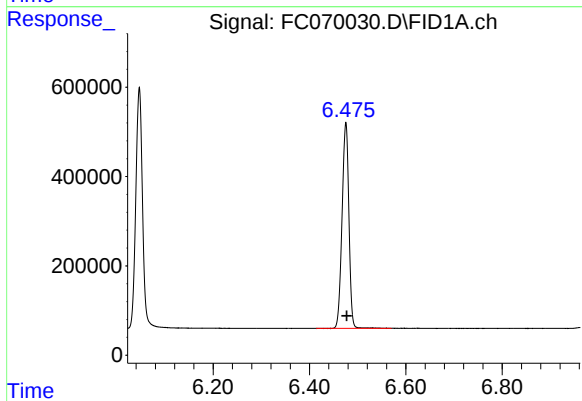
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: 0.002 min
Response: 4120440
Conc: 28.66 ug/ml



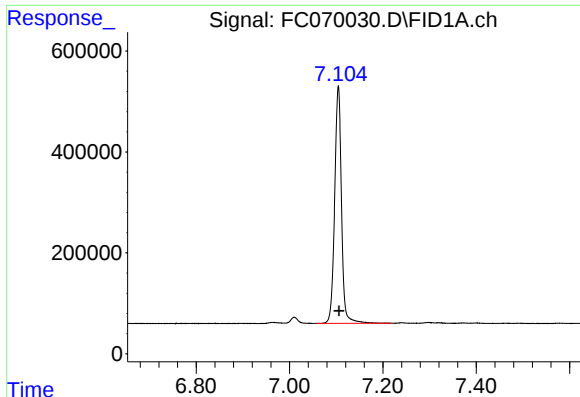
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 5242996
Conc: 32.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 4548345
Conc: 29.67 ug/ml



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

R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 4784955
Conc: 29.99 ug/ml

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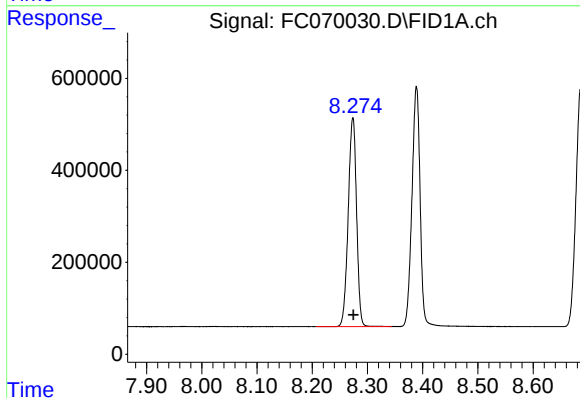
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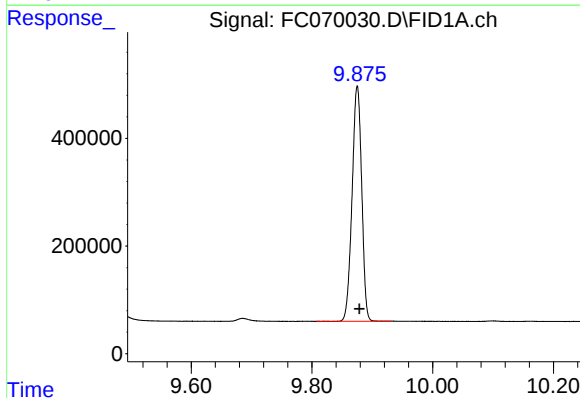
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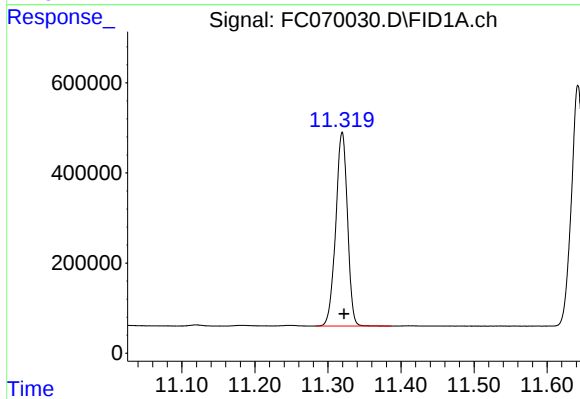
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.001 min
Response: 4771784
Conc: 30.00 ug/ml



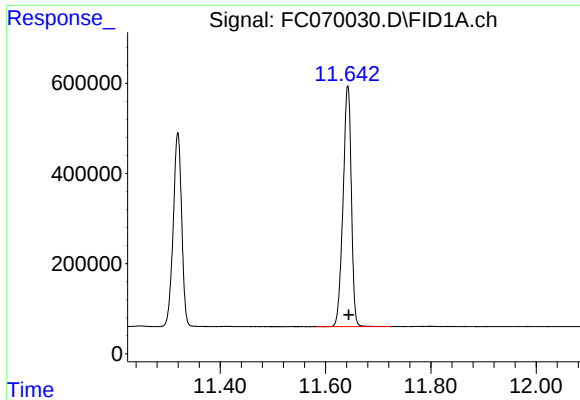
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.003 min
Response: 4828978
Conc: 28.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 4797757
Conc: 28.20 ug/ml



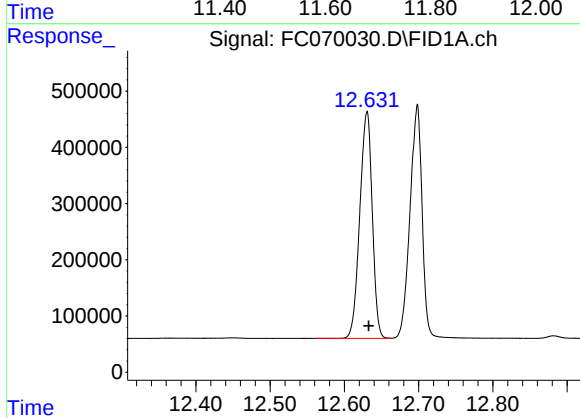
#9 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.002 min
Response: 5835515
Conc: 33.23 ug/ml

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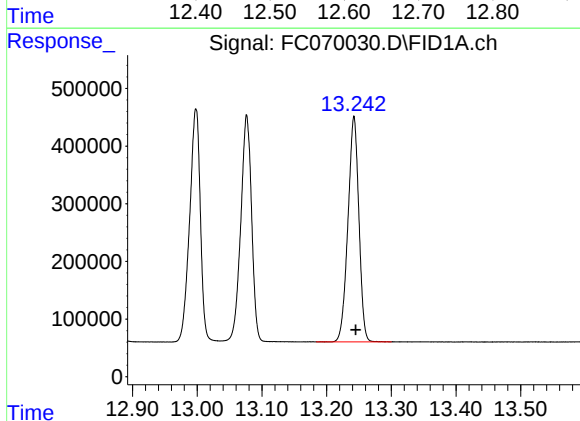
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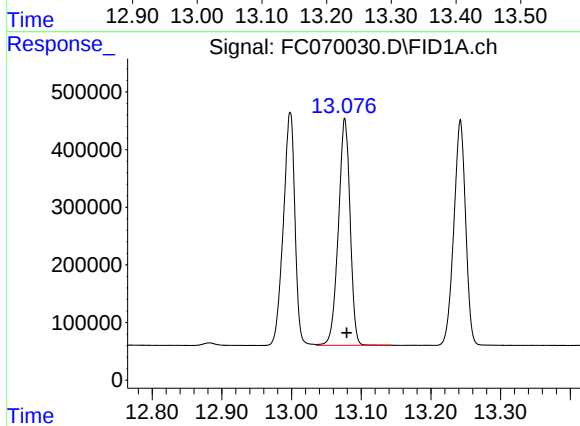
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.002 min
Response: 4701725
Conc: 29.31 ug/ml



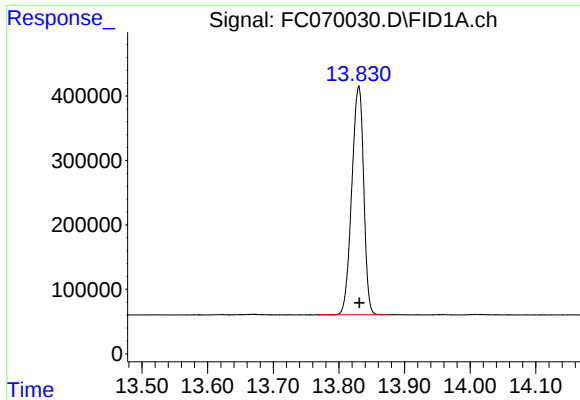
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.003 min
Response: 4584754
Conc: 29.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.003 min
Response: 4595101
Conc: 33.85 ug/ml



#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.001 min
Response: 4468709
Conc: 29.04 ug/ml

Instrument :

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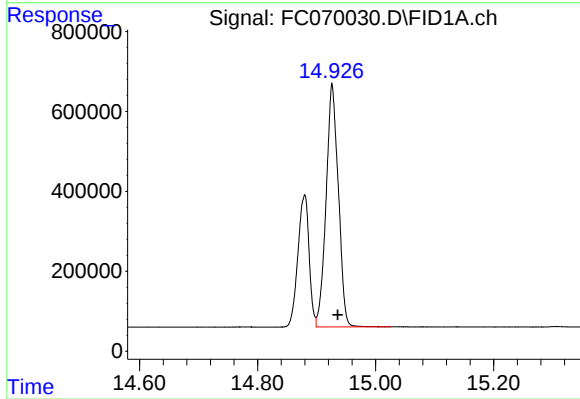
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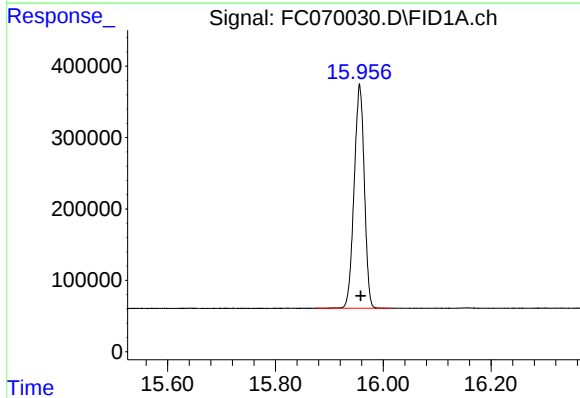
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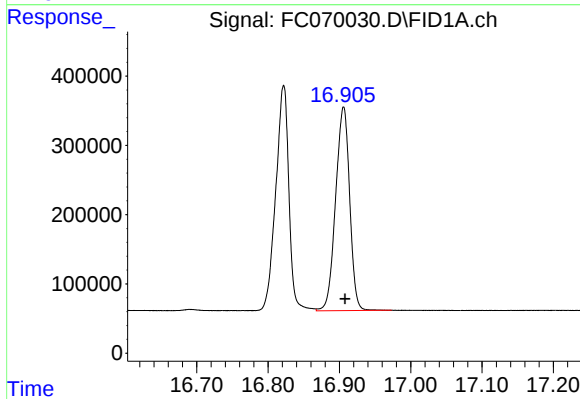
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.010 min
Response: 8760273
Conc: 57.77 ug/ml



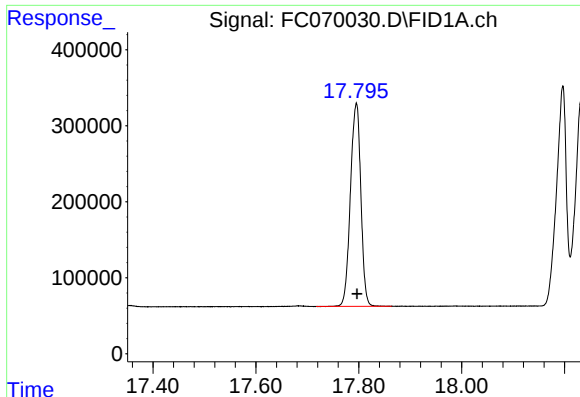
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.002 min
Response: 4118229
Conc: 28.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.003 min
Response: 4016495
Conc: 29.04 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 3756831
Conc: 27.52 ug/ml

Instrument :

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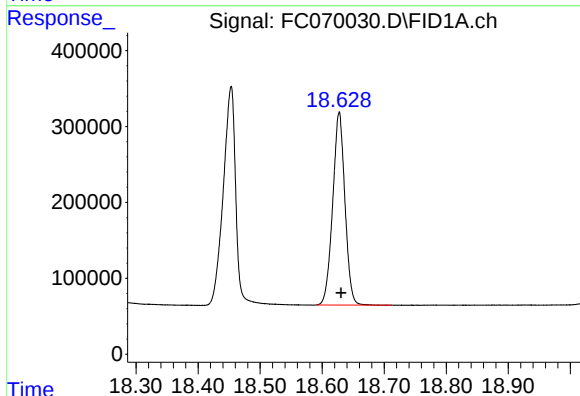
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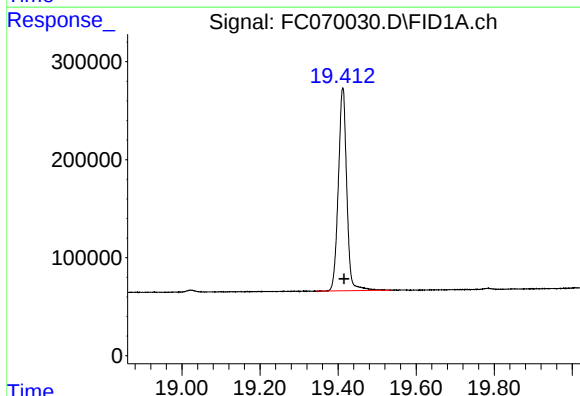
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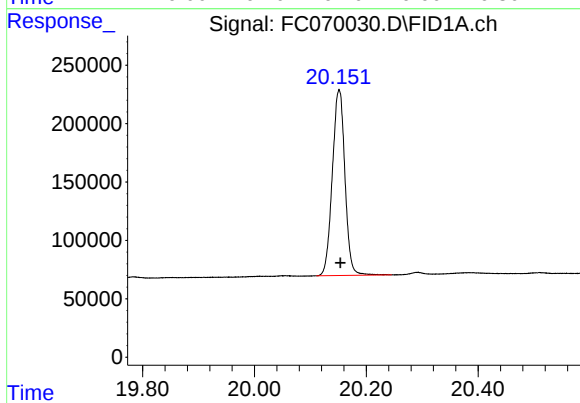
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.003 min
Response: 3475748
Conc: 26.96 ug/ml



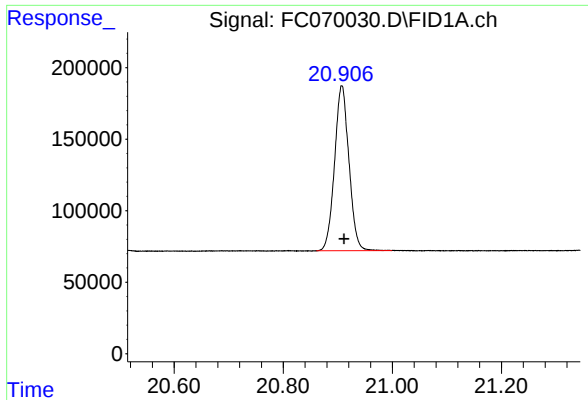
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.003 min
Response: 3104955
Conc: 27.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.002 min
Response: 2484831
Conc: 25.69 ug/ml



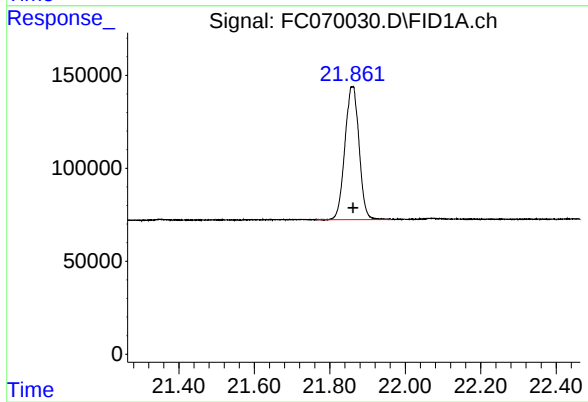
#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.004 min
Response: 2110207
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: 1861156
Conc: 22.65 ug/ml