

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070134.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 23:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 03:34:13 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	3268831	18.615 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
12) S 1-chlorooctadecane (S...	13.075	2515907	18.534 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
Target Compounds			
1) T n-Nonane (C9)	3.378	2557472	18.625 ug/ml
2) T n-Decane (C10)	4.449	2759276	19.193 ug/ml
3) T A~Naphthalene (C11.7)	6.044	3029776	18.747 ug/ml
4) T n-Dodecane (C12)	6.472	2900645	18.924 ug/ml
5) T A~2-methylnaphthalene...	7.103	2986085	18.716 ug/ml
6) T n-Tetradecane (C14)	8.271	2988868	18.793 ug/ml
7) T n-Hexadecane (C16)	9.873	3141825	18.644 ug/ml
8) T n-Octadecane (C18)	11.318	3156514	18.554 ug/ml
10) T n-Eicosane (C20)	12.629	2981907	18.587 ug/ml
11) T n-Heneicosane (C21)	13.242	2866901	18.464 ug/ml
13) T n-Docosane (C22)	13.829	2855037	18.552 ug/ml
14) T n-Tetracosane (C24)	14.934	2844875	18.762 ug/ml
15) T n-Hexacosane (C26)	15.957	2722716	18.811 ug/ml
16) T n-Octacosane (C28)	16.908	2735644	19.780 ug/ml
17) T n-Tricontane (C30)	17.797	3016035	22.090 ug/ml
18) T n-Dotriacontane (C32)	18.629	3112514	24.141 ug/mlm
19) T n-Tetratriacontane (C34)	19.416	2792251	24.472 ug/ml
20) T n-Hexatriacontane (C36)	20.156	2256236	23.330 ug/ml
21) T n-Octatriacontane (C38)	20.913	1938566	22.242 ug/mlm
22) T n-Tetracontane (C40)	21.867	1707972	20.788 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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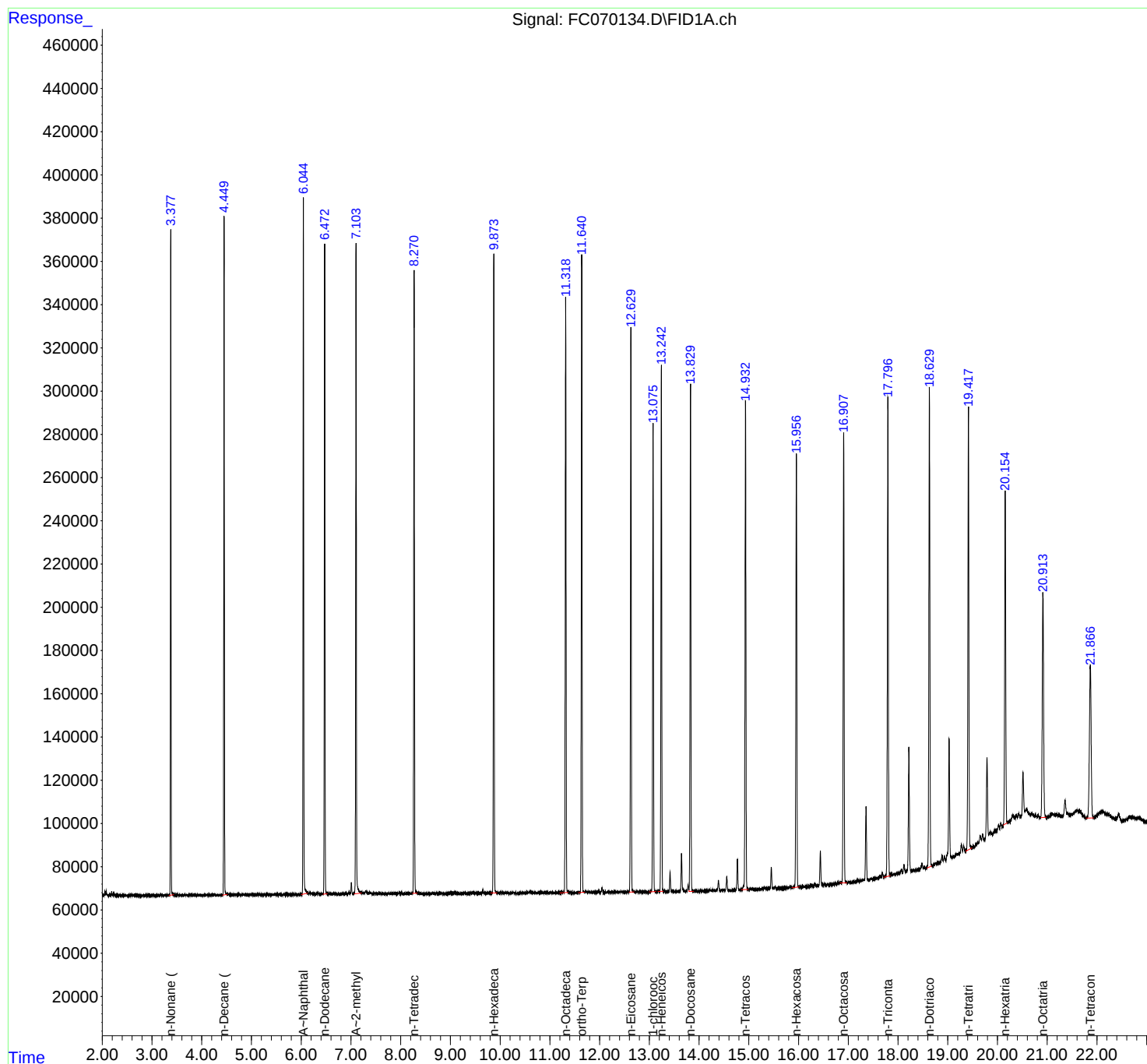
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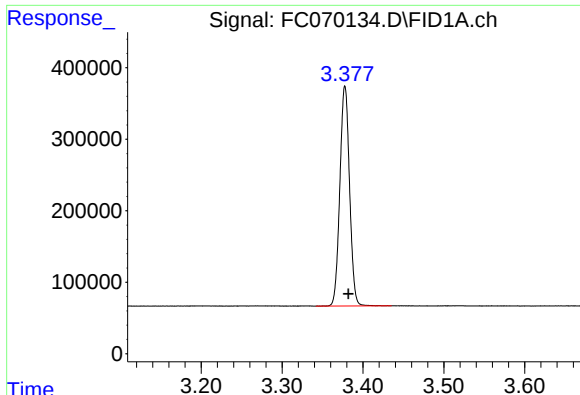
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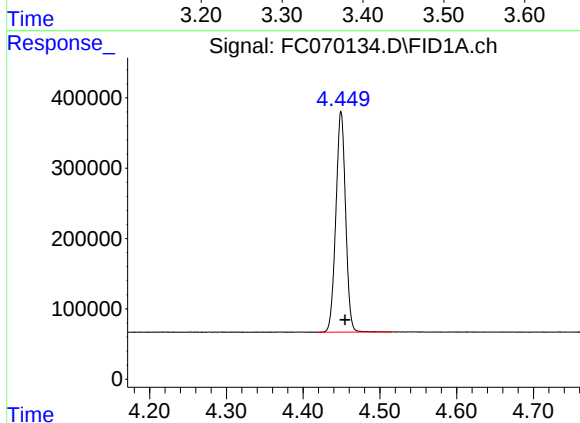
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.004 min
Response: 2557472
Conc: 18.62 ug/ml

Instrument :
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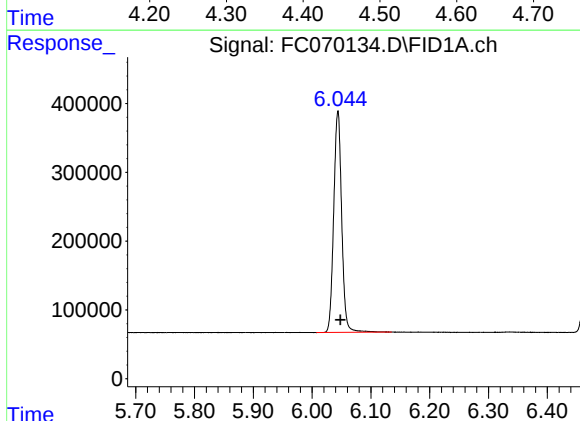
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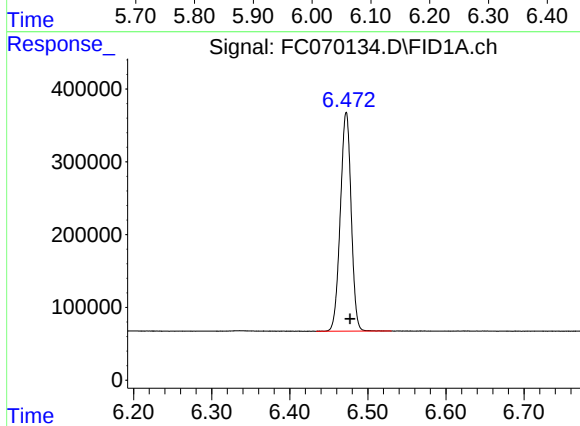
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.005 min
Response: 2759276
Conc: 19.19 ug/ml



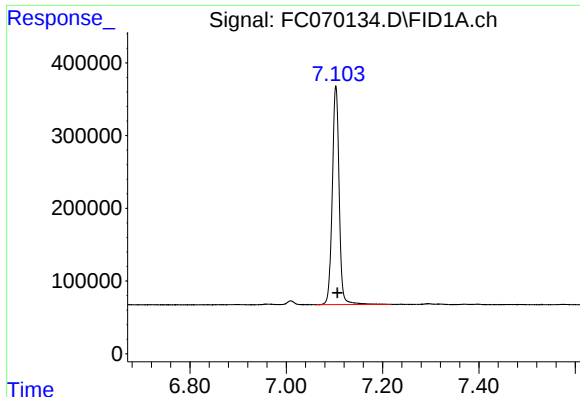
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.004 min
Response: 3029776
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 2900645
Conc: 18.92 ug/ml



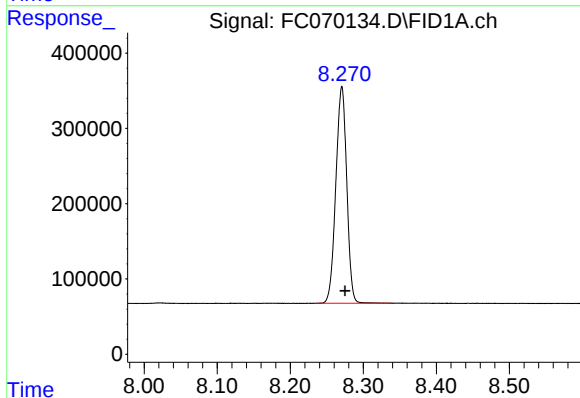
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 2986085
Conc: 18.72 ug/ml

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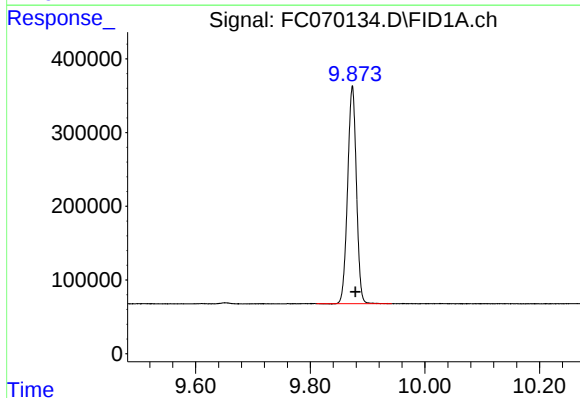
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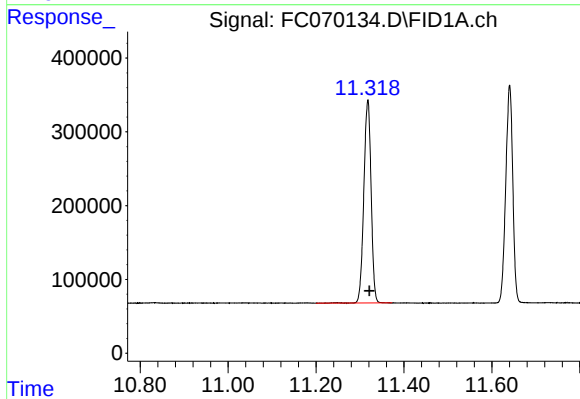
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 2988868
Conc: 18.79 ug/ml



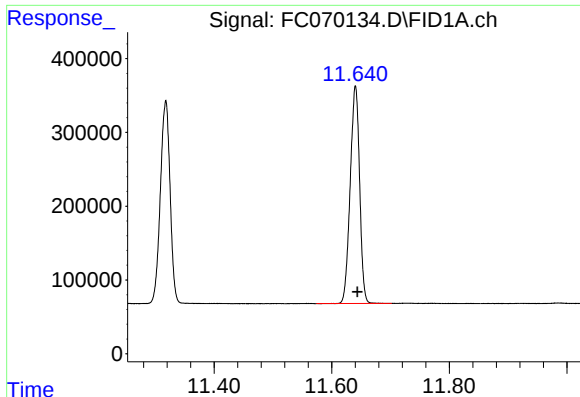
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.005 min
Response: 3141825
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.004 min
Response: 3156514
Conc: 18.55 ug/ml



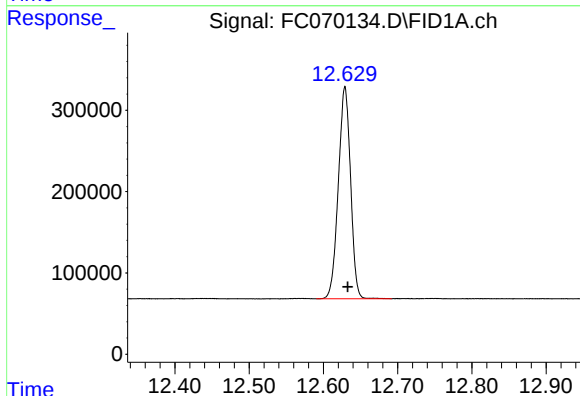
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.003 min
Response: 3268831
Conc: 18.61 ug/ml

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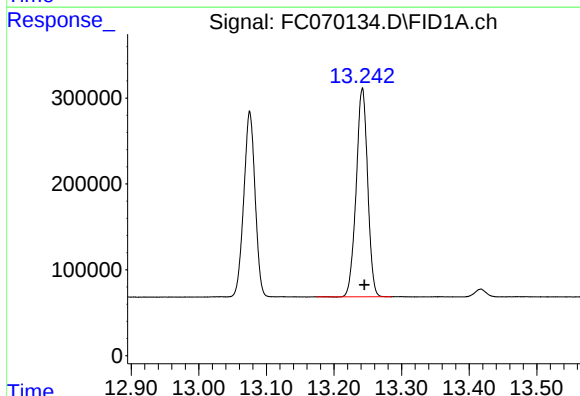
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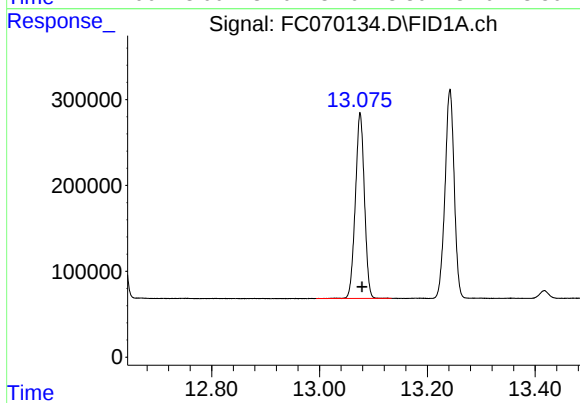
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.004 min
Response: 2981907
Conc: 18.59 ug/ml



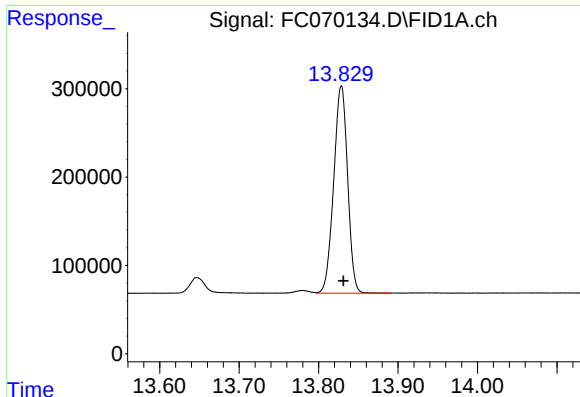
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.003 min
Response: 2866901
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.004 min
Response: 2515907
Conc: 18.53 ug/ml



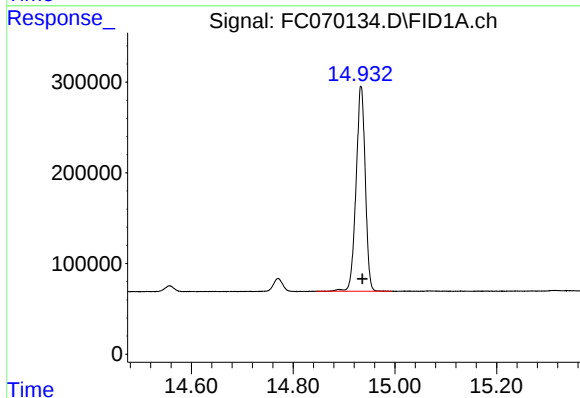
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.003 min
Response: 2855037
Conc: 18.55 ug/ml

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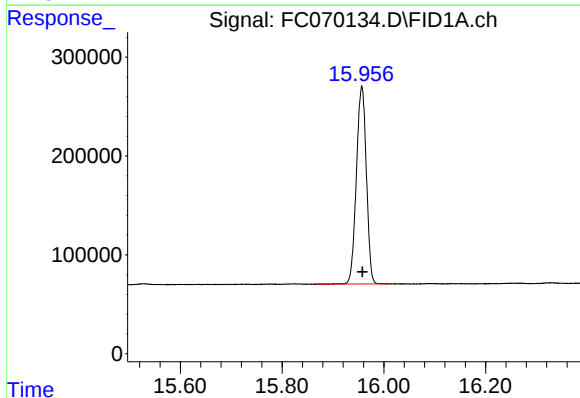
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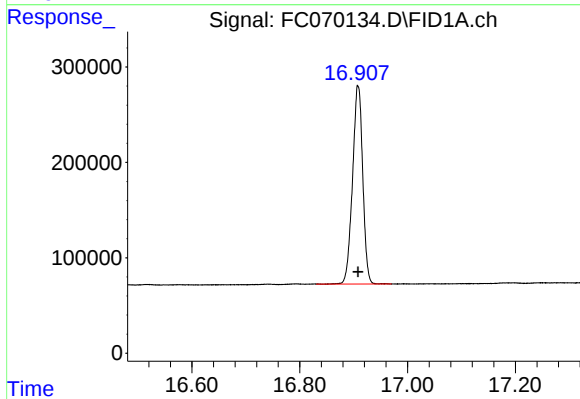
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.003 min
Response: 2844875
Conc: 18.76 ug/ml



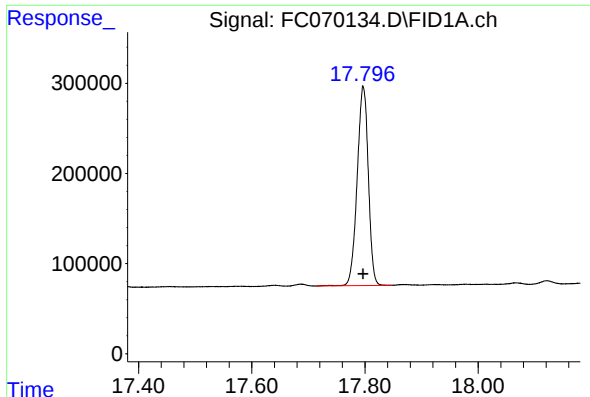
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.001 min
Response: 2722716
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2735644
Conc: 19.78 ug/ml



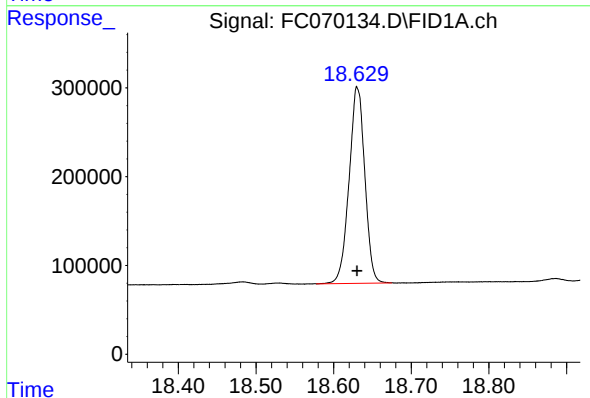
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 3016035
Conc: 22.09 ug/ml

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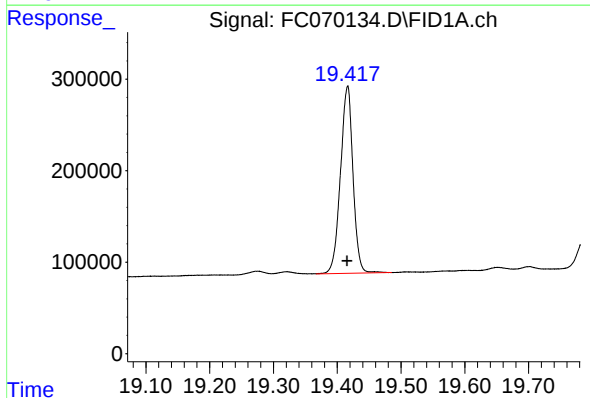
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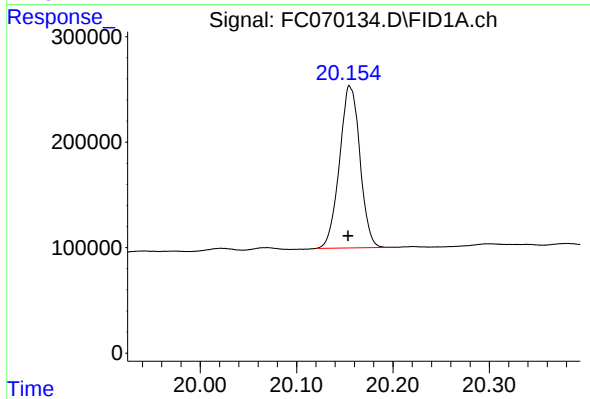
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 3112514
Conc: 24.14 ug/ml m



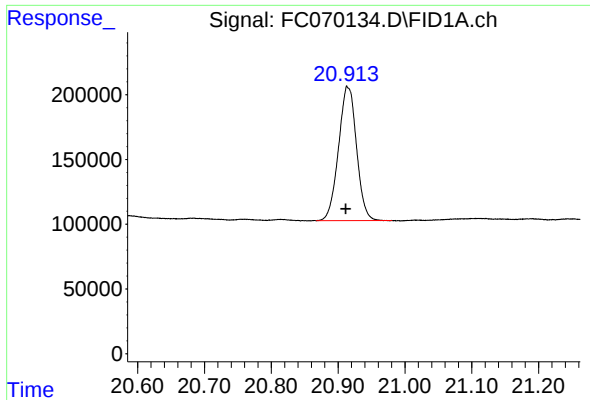
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: 0.000 min
Response: 2792251
Conc: 24.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: 0.002 min
Response: 2256236
Conc: 23.33 ug/ml



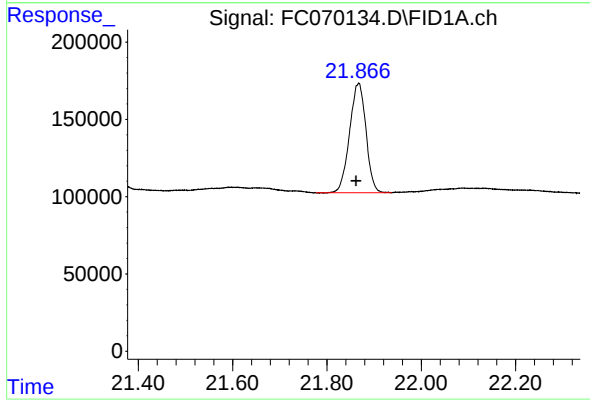
#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: 0.001 min
Response: 1938566
Conc: 22.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: 0.005 min
Response: 1707972
Conc: 20.79 ug/ml