

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102325AL\
 Data File : FC070024.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2025 20:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 24 07:27:20 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	3312906	18.866 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.075	2532098	18.654 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T n-Nonane (C9)	3.381	2590019	18.862 ug/ml
2) T n-Decane (C10)	4.452	2763837	19.225 ug/ml
3) T A~Naphthalene (C11.7)	6.044	3023551	18.708 ug/ml
4) T n-Dodecane (C12)	6.474	2945916	19.220 ug/ml
5) T A~2-methylnaphthalene...	7.103	2962281	18.566 ug/ml
6) T n-Tetradecane (C14)	8.271	3058838	19.233 ug/ml
7) T n-Hexadecane (C16)	9.874	3210727	19.052 ug/ml
8) T n-Octadecane (C18)	11.318	3229671	18.984 ug/ml
10) T n-Eicosane (C20)	12.629	3022638	18.840 ug/ml
11) T n-Heneicosane (C21)	13.241	2920201	18.807 ug/ml
13) T n-Docosane (C22)	13.829	2877680	18.699 ug/ml
14) T n-Tetracosane (C24)	14.932	2806075	18.506 ug/ml
15) T n-Hexacosane (C26)	15.955	2669522	18.444 ug/ml
16) T n-Octacosane (C28)	16.906	2598075	18.785 ug/ml
17) T n-Tricontane (C30)	17.795	2709362	19.844 ug/ml
18) T n-Dotriacontane (C32)	18.629	2656592	20.604 ug/ml
19) T n-Tetratriacontane (C34)	19.412	2386390	20.915 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1990143	20.578 ug/ml
21) T n-Octatriacontane (C38)	20.910	1758688	20.178 ug/ml
22) T n-Tetracontane (C40)	21.861	1618907	19.704 ug/ml

(f)=RT Delta > 1/2 Window

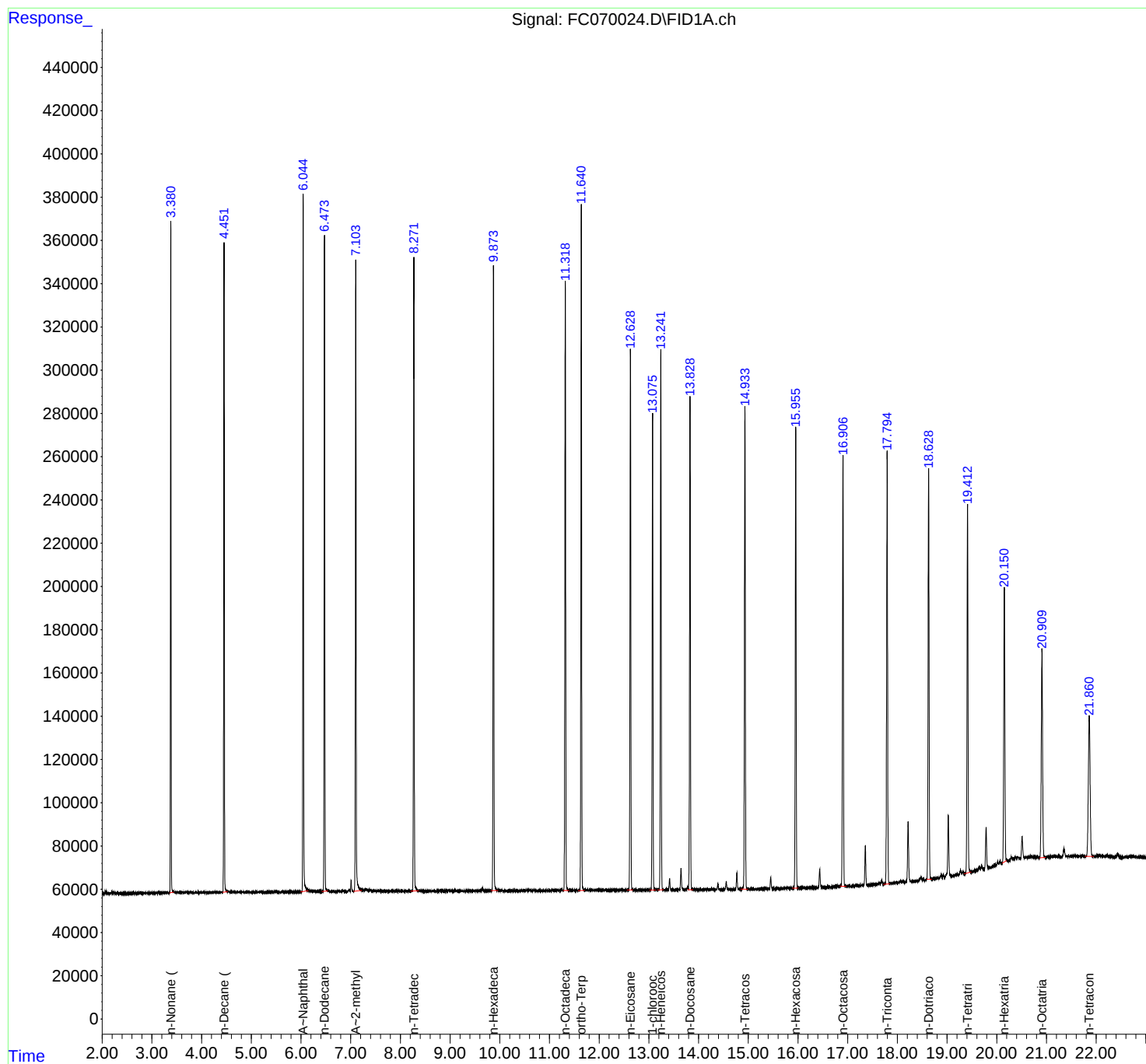
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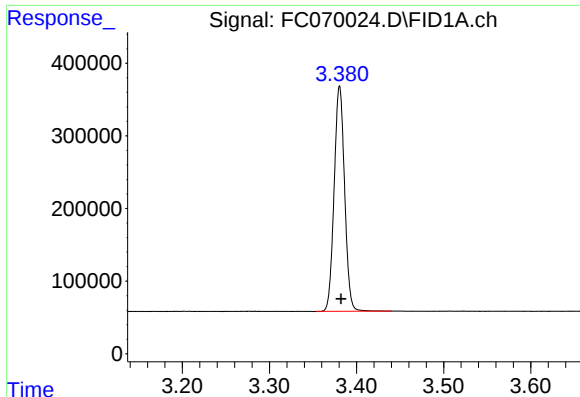
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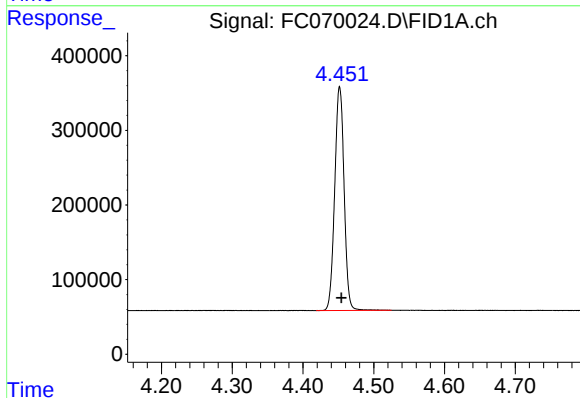




#1 n-Nonane (C9)

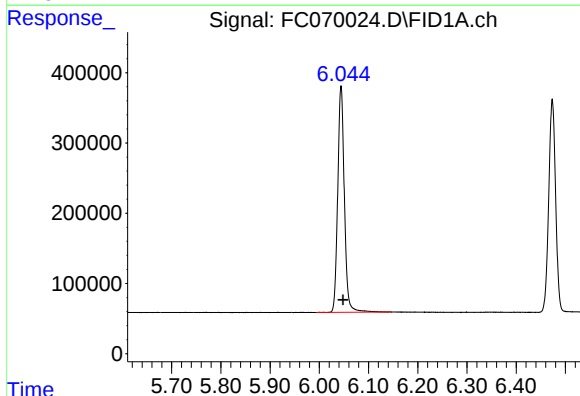
R.T.: 3.381 min
Delta R.T.: -0.001 min
Response: 2590019
Conc: 18.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



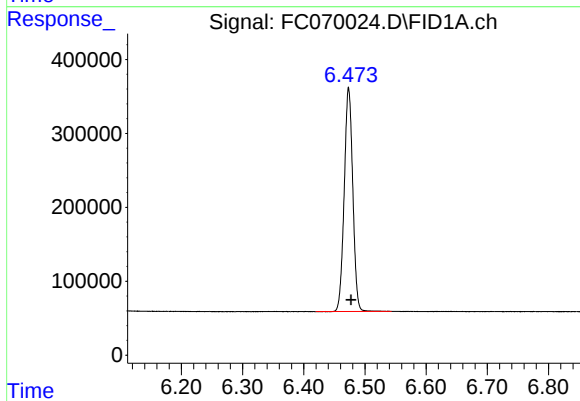
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.003 min
Response: 2763837
Conc: 19.23 ug/ml



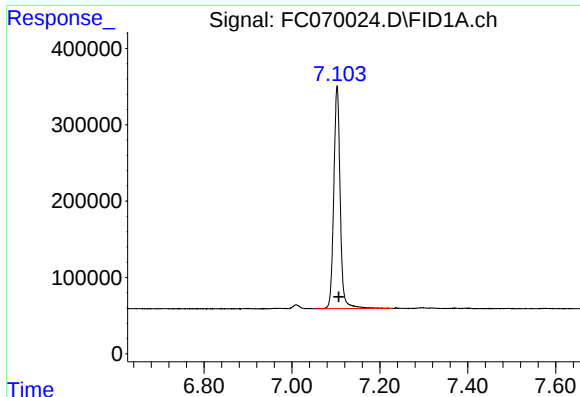
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.004 min
Response: 3023551
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

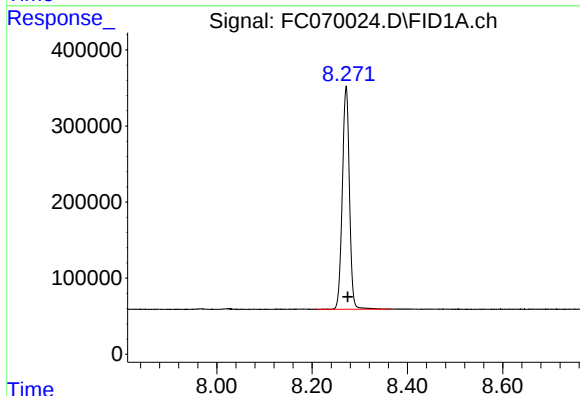
R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 2945916
Conc: 19.22 ug/ml



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

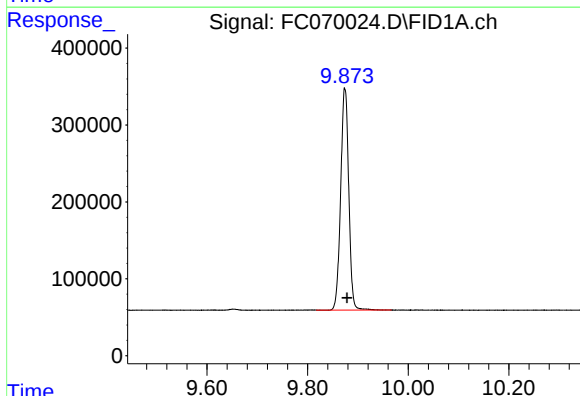
R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 2962281
Conc: 18.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



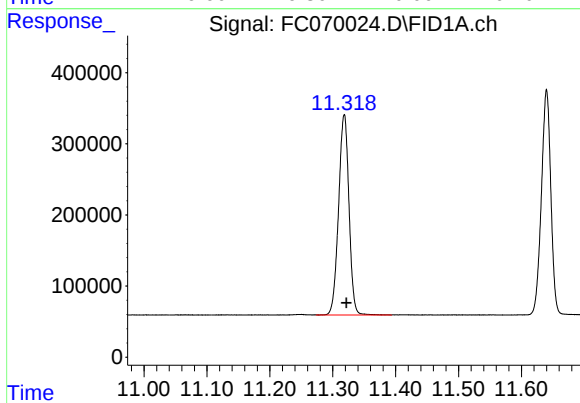
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.003 min
Response: 3058838
Conc: 19.23 ug/ml



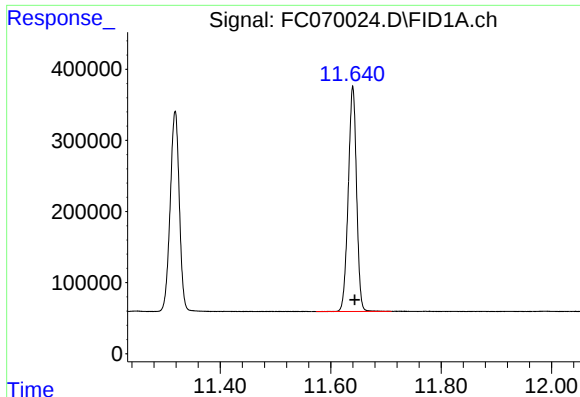
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.004 min
Response: 3210727
Conc: 19.05 ug/ml



#8 n-Octadecane (C18)

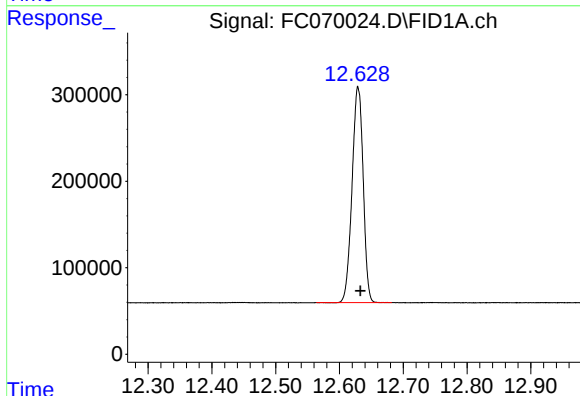
R.T.: 11.318 min
Delta R.T.: -0.004 min
Response: 3229671
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

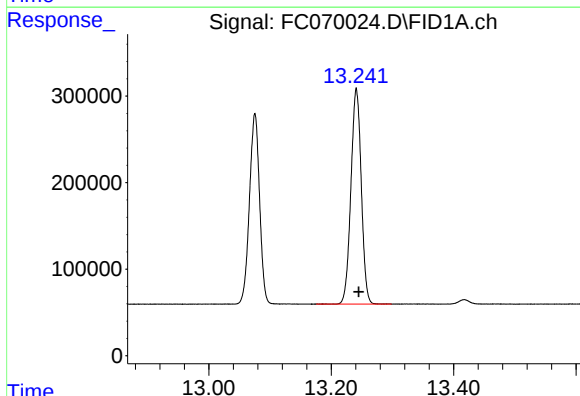
R.T.: 11.640 min
Delta R.T.: -0.004 min
Response: 3312906
Conc: 18.87 ug/ml

Instrument :
FID_C
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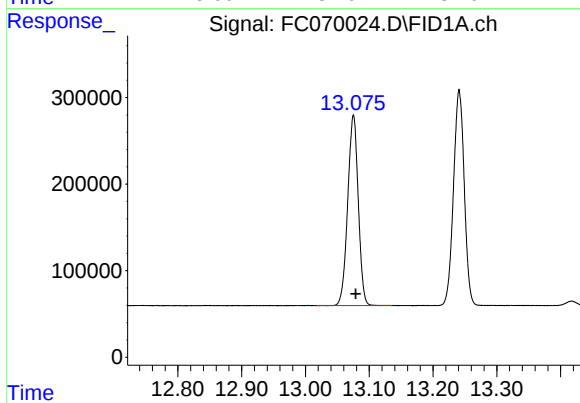
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.003 min
Response: 3022638
Conc: 18.84 ug/ml



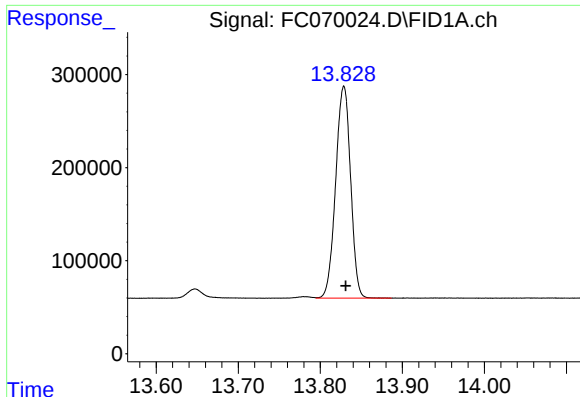
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.004 min
Response: 2920201
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

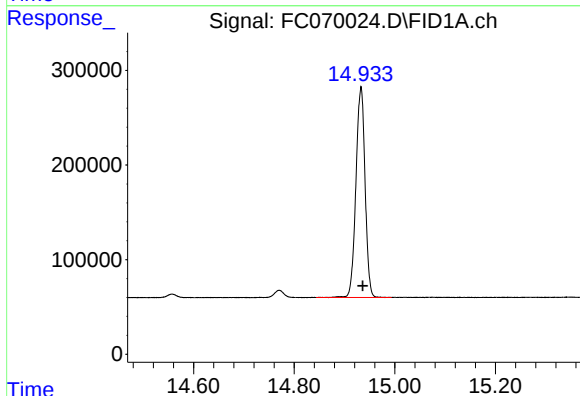
R.T.: 13.075 min
Delta R.T.: -0.004 min
Response: 2532098
Conc: 18.65 ug/ml



#13 n-Docosane (C22)

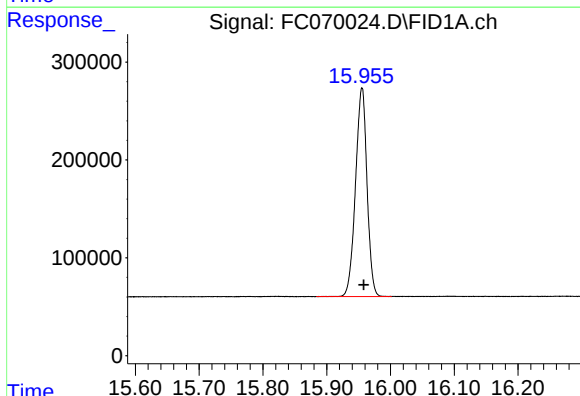
R.T.: 13.829 min
Delta R.T.: -0.003 min
Response: 2877680
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



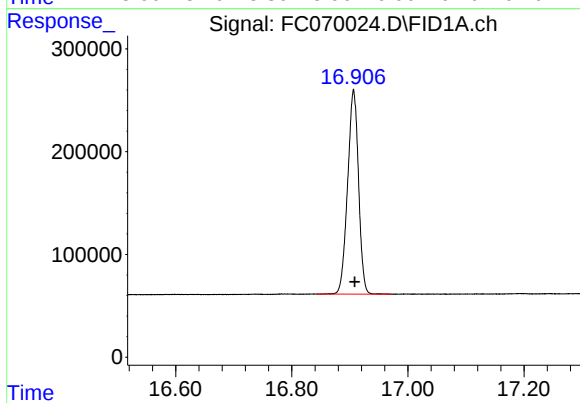
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 2806075
Conc: 18.51 ug/ml



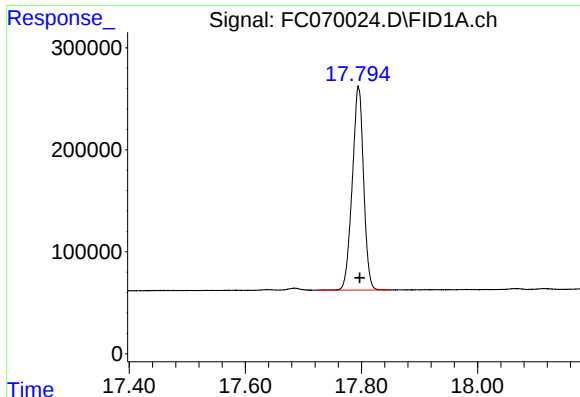
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.003 min
Response: 2669522
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

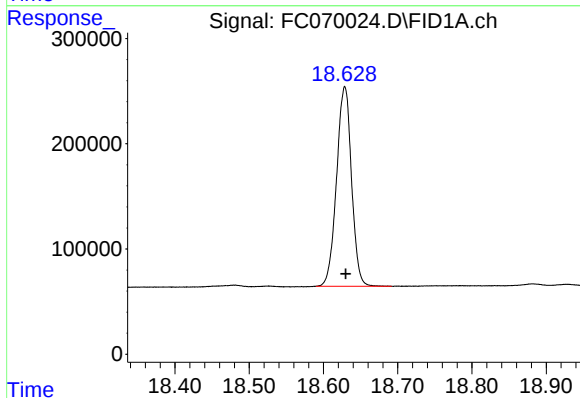
R.T.: 16.906 min
Delta R.T.: -0.002 min
Response: 2598075
Conc: 18.79 ug/ml



#17 n-Tricontane (C30)

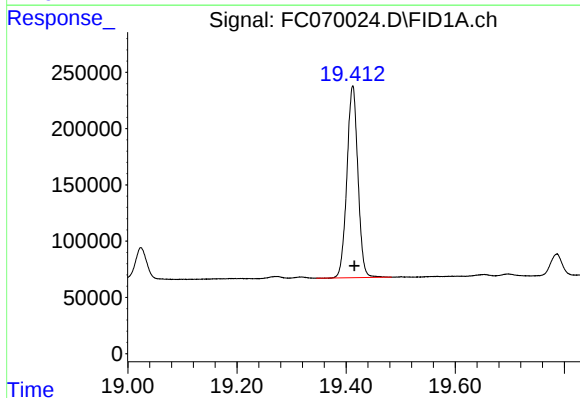
R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 2709362
Conc: 19.84 ug/ml

Instrument :
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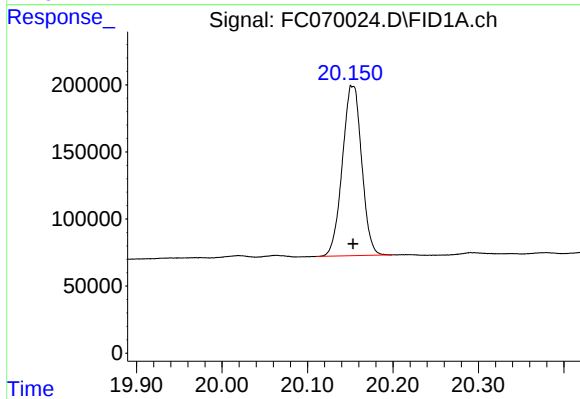
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.002 min
Response: 2656592
Conc: 20.60 ug/ml



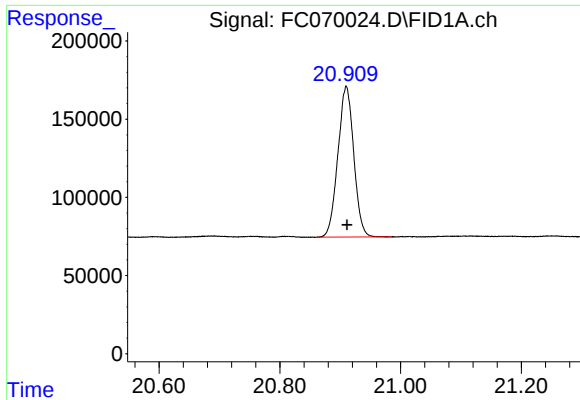
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.003 min
Response: 2386390
Conc: 20.92 ug/ml



#20 n-Hexatriacontane (C36)

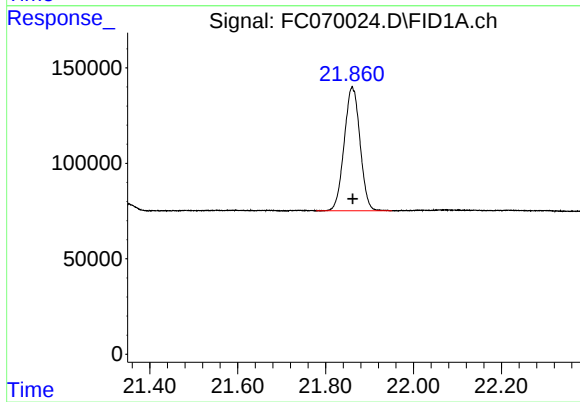
R.T.: 20.153 min
Delta R.T.: 0.000 min
Response: 1990143
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.002 min
Response: 1758688
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.001 min
Response: 1618907
Conc: 19.70 ug/ml