

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070042.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 10:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 03:25:15 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)	11.643	3652120	20.798 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
12) S 1-chlorooctadecane (S...	13.078	2835220	20.887 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T n-Nonane (C9)	3.380	2829299	20.604 ug/ml
2) T n-Decane (C10)	4.452	3041192	21.154 ug/ml
3) T A~Naphthalene (C11.7)	6.046	3322130	20.556 ug/ml
4) T n-Dodecane (C12)	6.475	3223819	21.033 ug/ml
5) T A~2-methylnaphthalene...	7.106	3251084	20.377 ug/ml
6) T n-Tetradecane (C14)	8.273	3319708	20.873 ug/ml
7) T n-Hexadecane (C16)	9.877	3488850	20.703 ug/ml
8) T n-Octadecane (C18)	11.321	3543840	20.830 ug/ml
10) T n-Eicosane (C20)	12.631	3365482	20.977 ug/ml
11) T n-Heneicosane (C21)	13.244	3267898	21.046 ug/ml
13) T n-Docosane (C22)	13.831	3237882	21.040 ug/ml
14) T n-Tetracosane (C24)	14.934	3178830	20.964 ug/ml
15) T n-Hexacosane (C26)	15.957	3039961	21.003 ug/ml
16) T n-Octacosane (C28)	16.908	2960393	21.405 ug/ml
17) T n-Tricontane (C30)	17.797	3127564	22.907 ug/ml
18) T n-Dotriacontane (C32)	18.631	3096890	24.019 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2776548	24.334 ug/ml
20) T n-Hexatriacontane (C36)	20.154	2299215	23.774 ug/ml
21) T n-Octatriacontane (C38)	20.913	2022217	23.202 ug/ml
22) T n-Tetracontane (C40)	21.865	1823047	22.188 ug/ml

(f)=RT Delta > 1/2 Window

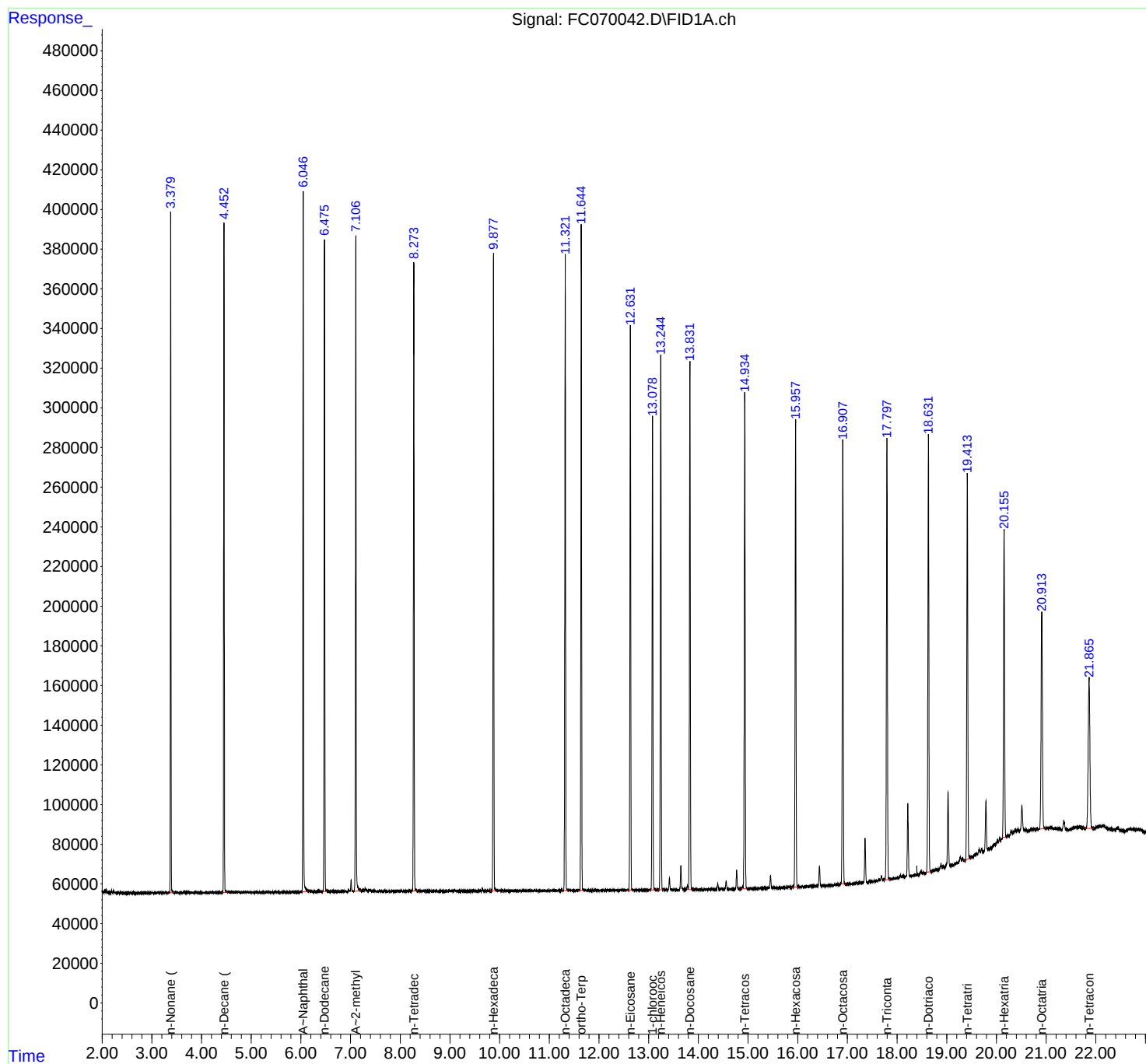
(m)=manual int.

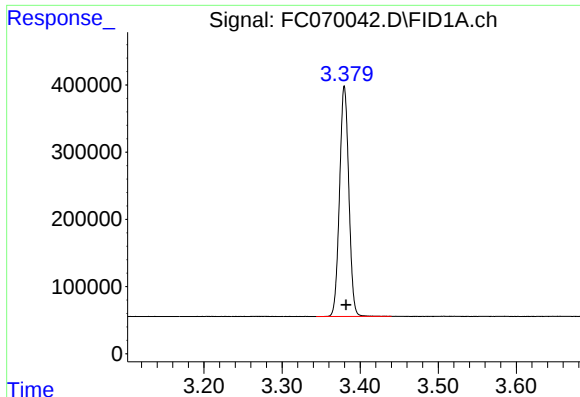
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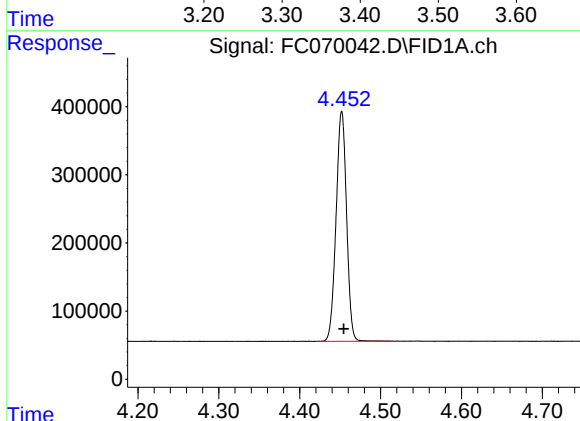




#1 n-Nonane (C9)

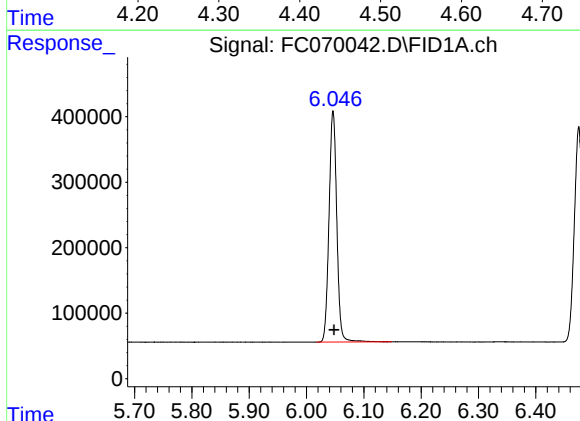
R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 2829299
Conc: 20.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



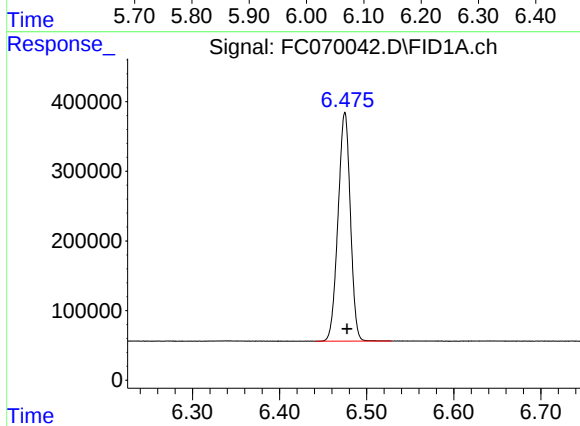
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.003 min
Response: 3041192
Conc: 21.15 ug/ml



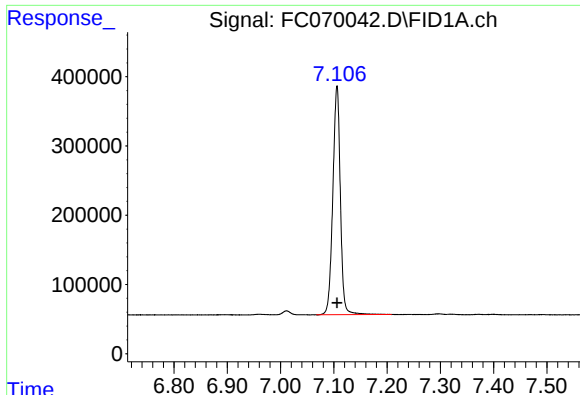
#3 A~Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 3322130
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

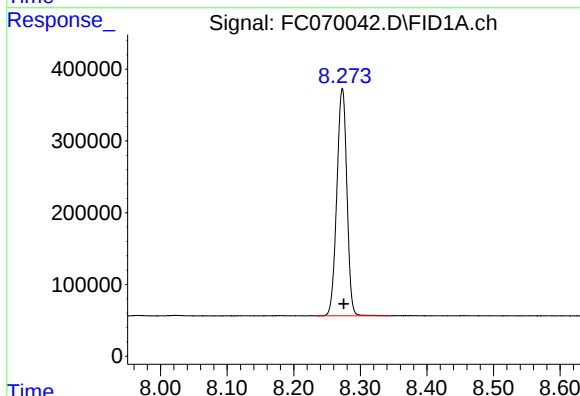
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 3223819
Conc: 21.03 ug/ml



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

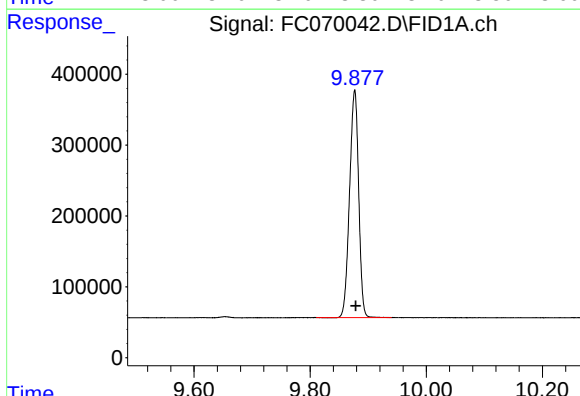
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3251084
Conc: 20.38 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



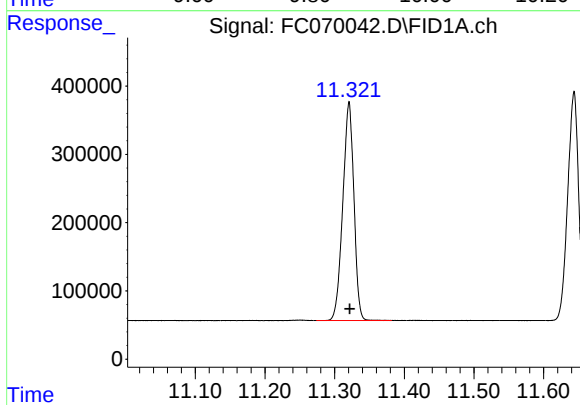
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 3319708
Conc: 20.87 ug/ml



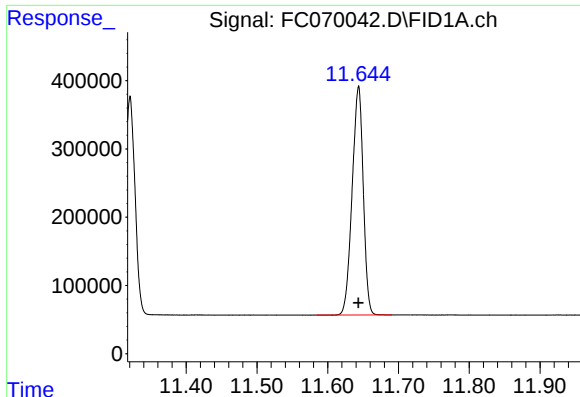
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 3488850
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

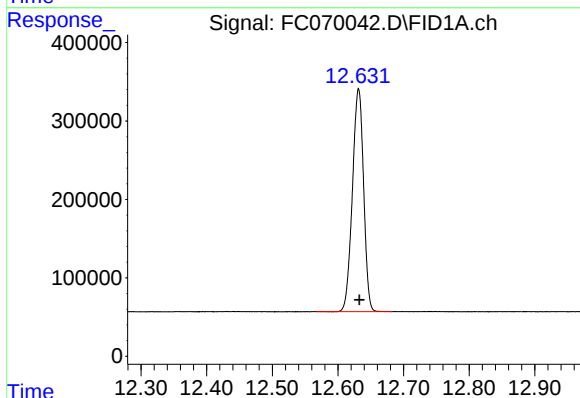
R.T.: 11.321 min
Delta R.T.: -0.001 min
Response: 3543840
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

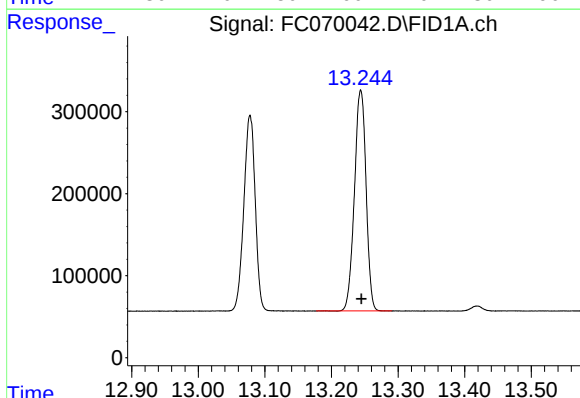
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3652120
Conc: 20.80 ug/ml

Instrument :
FID_E
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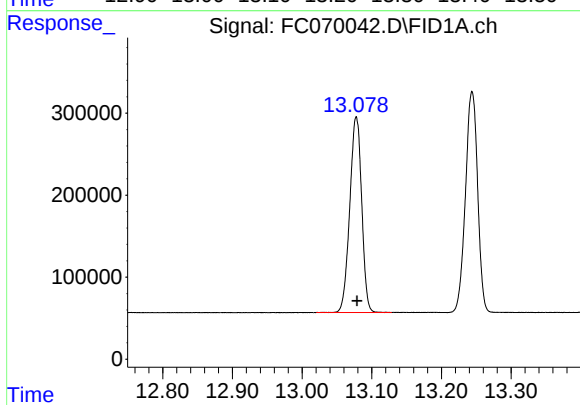
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.001 min
Response: 3365482
Conc: 20.98 ug/ml



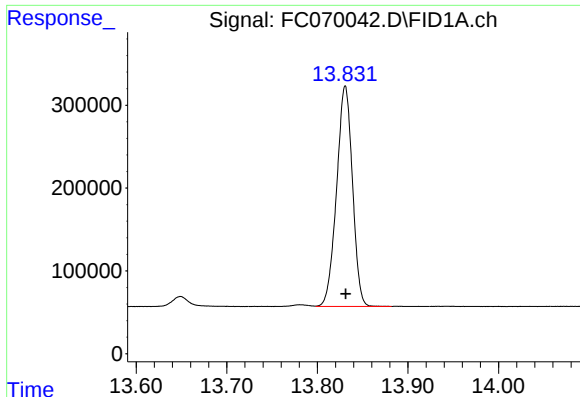
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.001 min
Response: 3267898
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

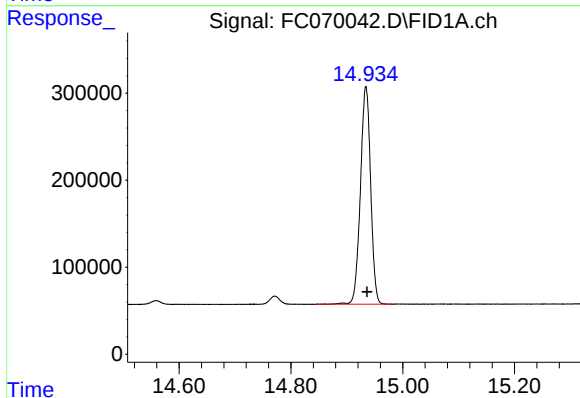
R.T.: 13.078 min
Delta R.T.: -0.001 min
Response: 2835220
Conc: 20.89 ug/ml



#13 n-Docosane (C22)

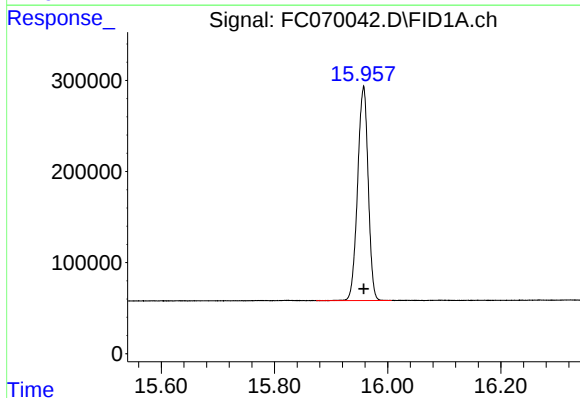
R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 3237882
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



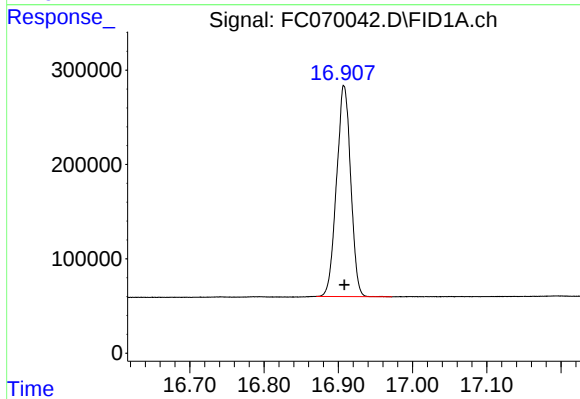
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.002 min
Response: 3178830
Conc: 20.96 ug/ml



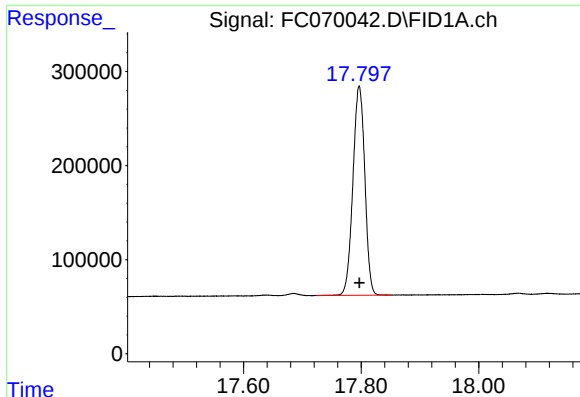
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 3039961
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

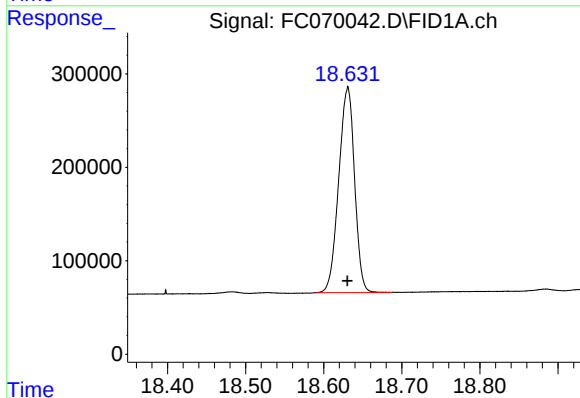
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2960393
Conc: 21.41 ug/ml



#17 n-Tricontane (C30)

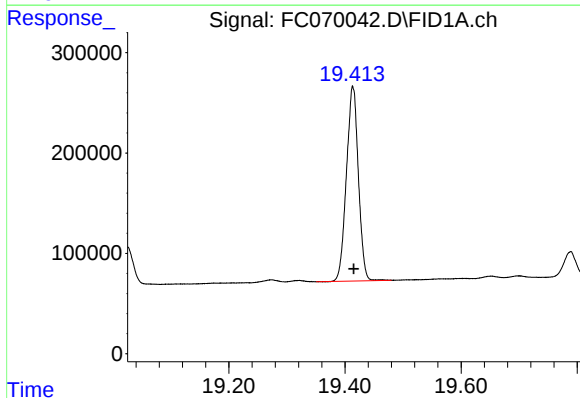
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 3127564
Conc: 22.91 ug/ml

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20 PPM ALIPHATIC HC STD



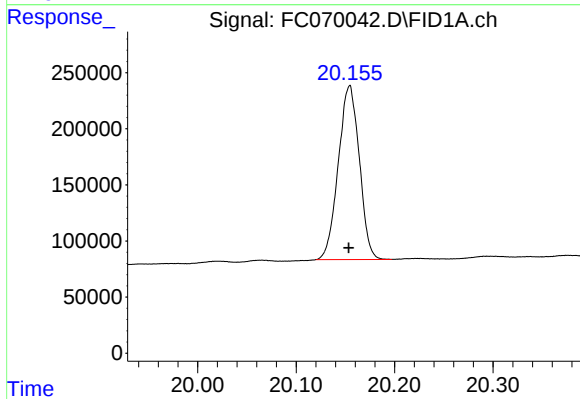
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 3096890
Conc: 24.02 ug/ml



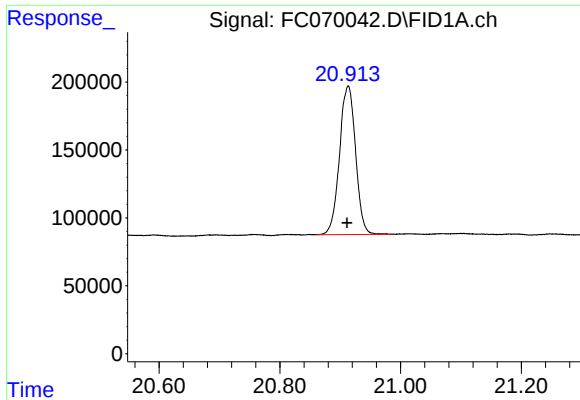
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.002 min
Response: 2776548
Conc: 24.33 ug/ml



#20 n-Hexatriacontane (C36)

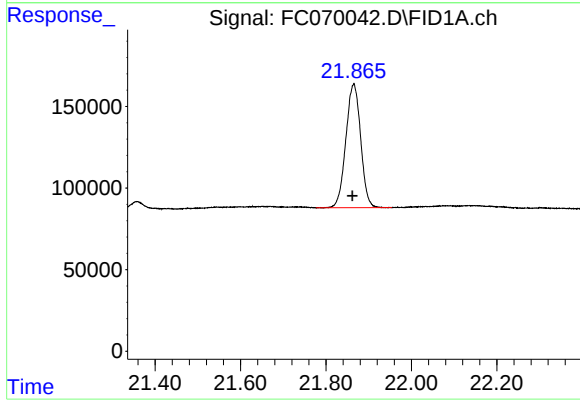
R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 2299215
Conc: 23.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: 0.001 min
Response: 2022217
Conc: 23.20 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: 0.003 min
Response: 1823047
Conc: 22.19 ug/ml