

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102325AL\
 Data File : FC070012.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2025 09:24
 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 01:31:36 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	3534694	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	13.077	2684304	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T n-Nonane (C9)	3.379	2731055	19.889 ug/ml
2) T n-Decane (C10)	4.451	2923122	20.333 ug/ml
3) T A~Naphthalene (C11.7)	6.045	3175043	19.646 ug/ml
4) T n-Dodecane (C12)	6.474	3118904	20.348 ug/ml
5) T A~2-methylnaphthalene...	7.104	3110911	19.498 ug/ml
6) T n-Tetradecane (C14)	8.273	3251017	20.441 ug/ml
7) T n-Hexadecane (C16)	9.875	3425420	20.326 ug/ml
8) T n-Octadecane (C18)	11.320	3463573	20.358 ug/ml
10) T n-Eicosane (C20)	12.631	3242038	20.208 ug/ml
11) T n-Heneicosane (C21)	13.243	3136537	20.200 ug/ml
13) T n-Docosane (C22)	13.830	3079772	20.012 ug/ml
14) T n-Tetracosane (C24)	14.935	2975902	19.626 ug/ml
15) T n-Hexacosane (C26)	15.958	2821903	19.496 ug/ml
16) T n-Octacosane (C28)	16.907	2727507	19.721 ug/ml
17) T n-Tricontane (C30)	17.797	2802891	20.529 ug/ml
18) T n-Dotriacontane (C32)	18.630	2726954	21.150 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2440356	21.388 ug/ml
20) T n-Hexatriacontane (C36)	20.156	2061460	21.316 ug/ml
21) T n-Octatriacontane (C38)	20.913	1802042	20.675 ug/ml
22) T n-Tetracontane (C40)	21.865	1659576	20.199 ug/ml

(f)=RT Delta > 1/2 Window

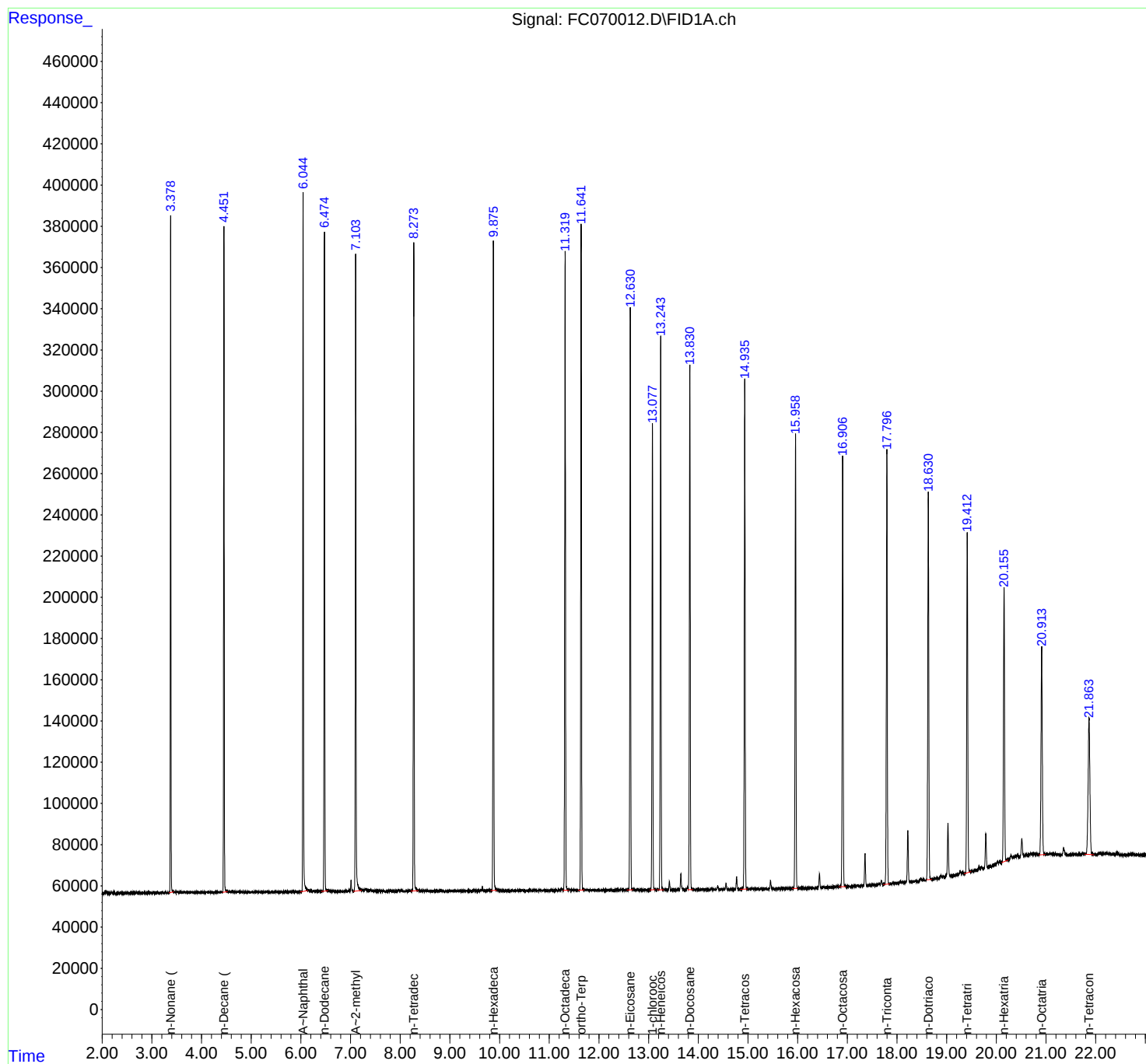
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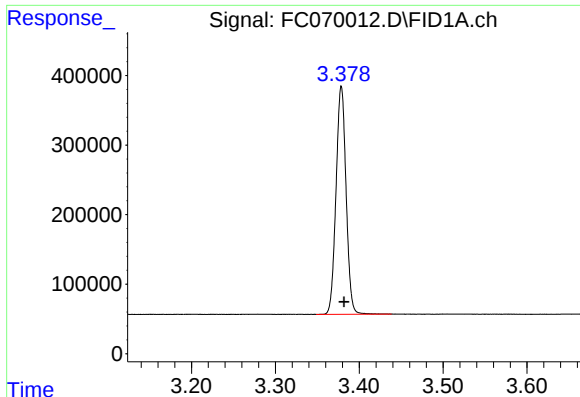
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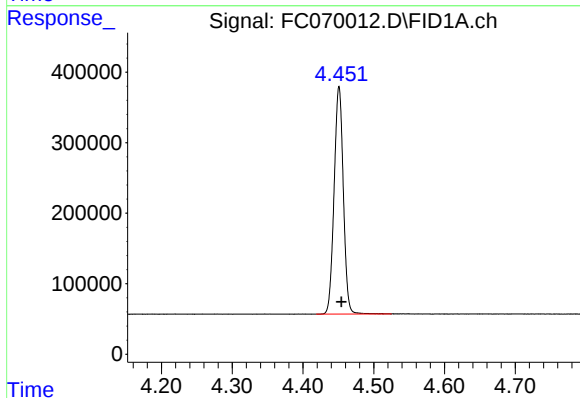




#1 n-Nonane (C9)

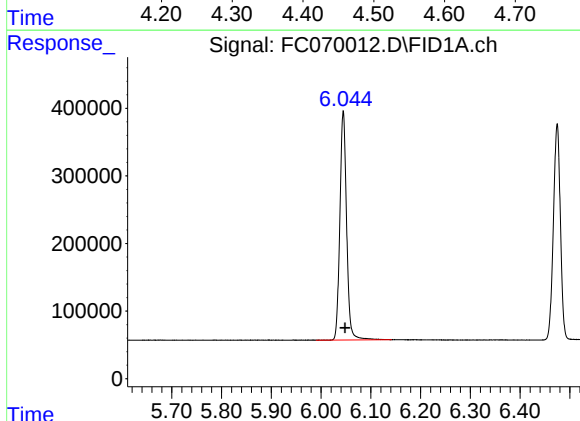
R.T.: 3.379 min
Delta R.T.: -0.003 min
Response: 2731055
Conc: 19.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



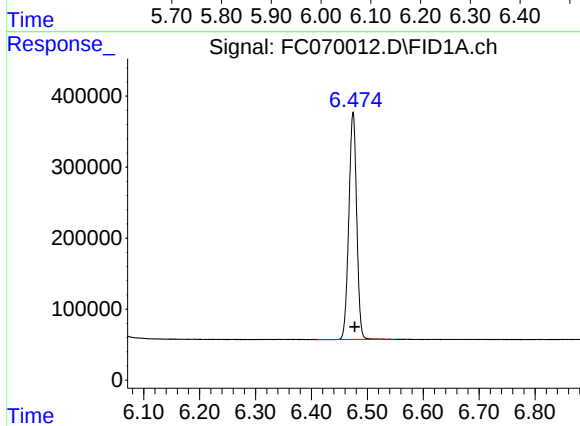
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.004 min
Response: 2923122
Conc: 20.33 ug/ml



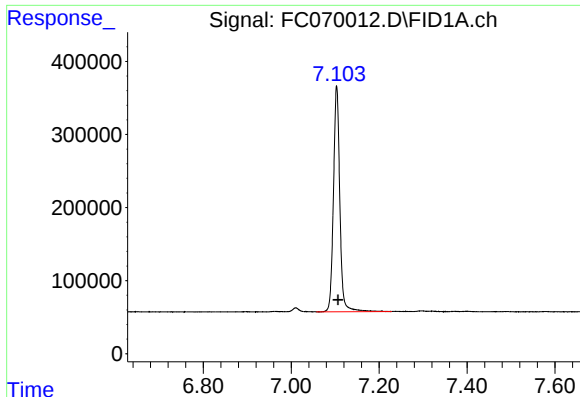
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 3175043
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

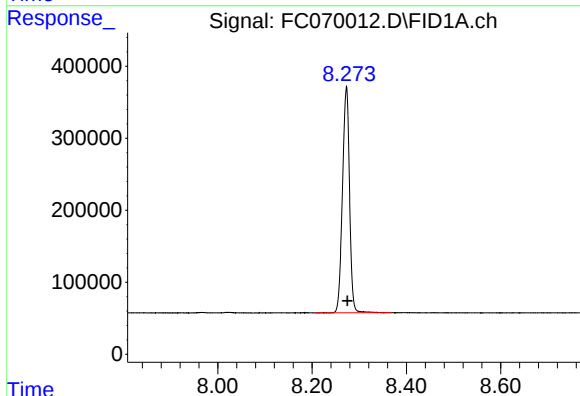
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 3118904
Conc: 20.35 ug/ml



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

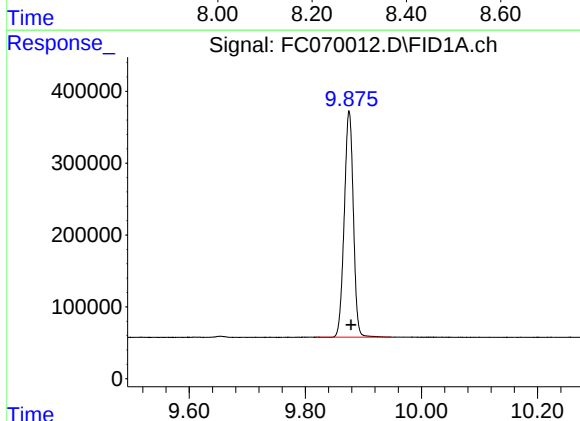
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 3110911
Conc: 19.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



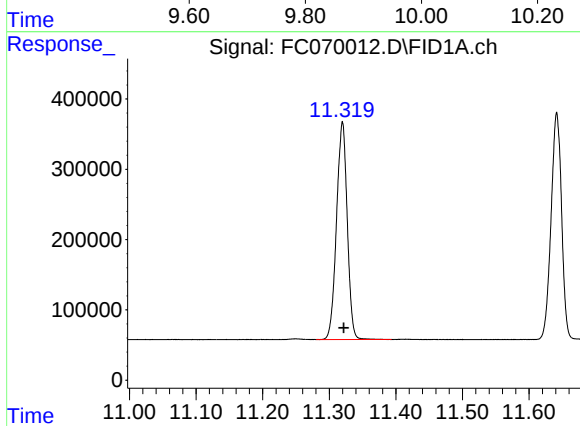
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 3251017
Conc: 20.44 ug/ml



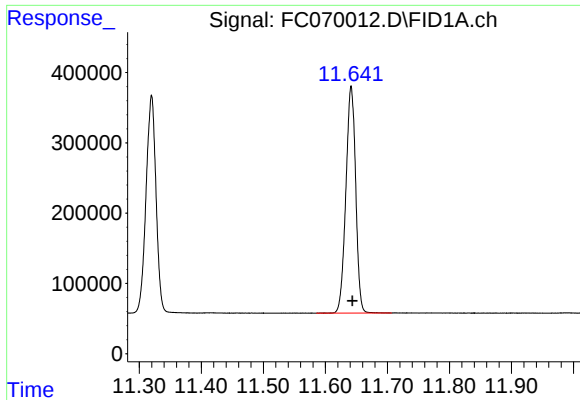
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.003 min
Response: 3425420
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

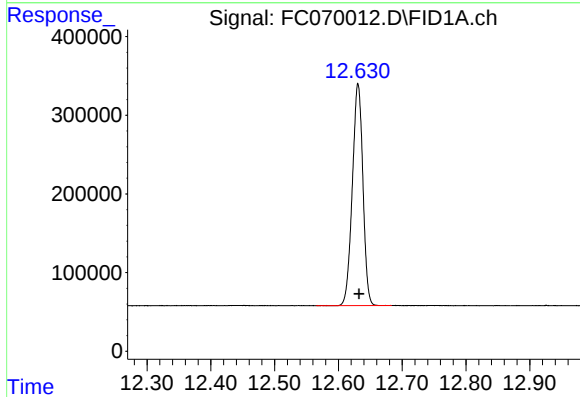
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 3463573
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

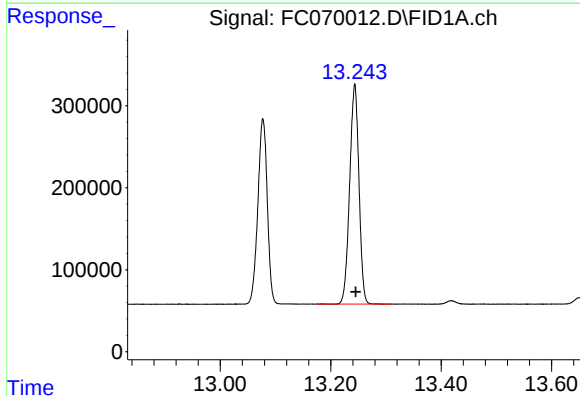
R.T.: 11.642 min
Delta R.T.: -0.002 min
Response: 3534694
Conc: 20.13 ug/ml

Instrument :
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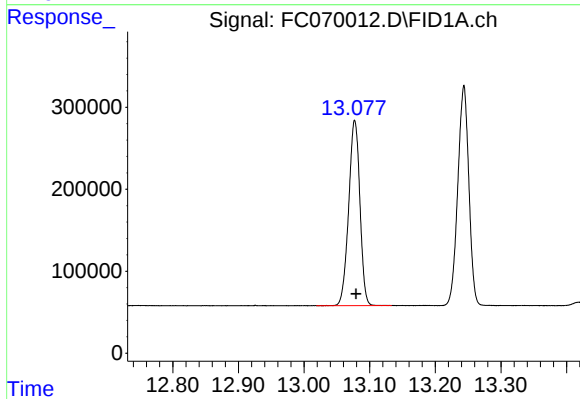
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 3242038
Conc: 20.21 ug/ml



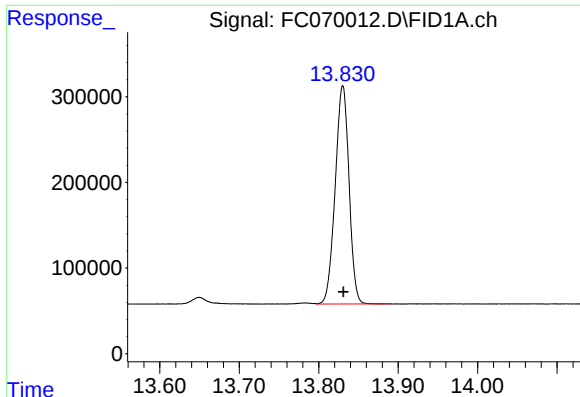
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.002 min
Response: 3136537
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

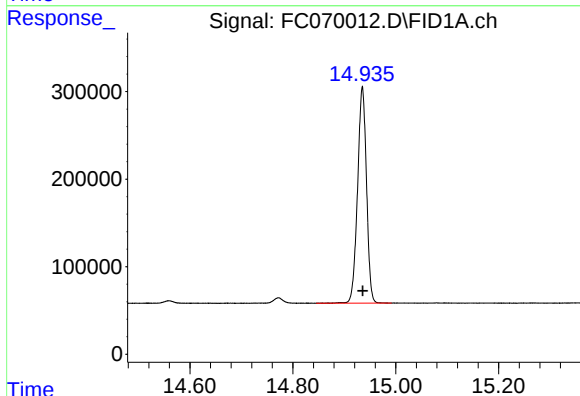
R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 2684304
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

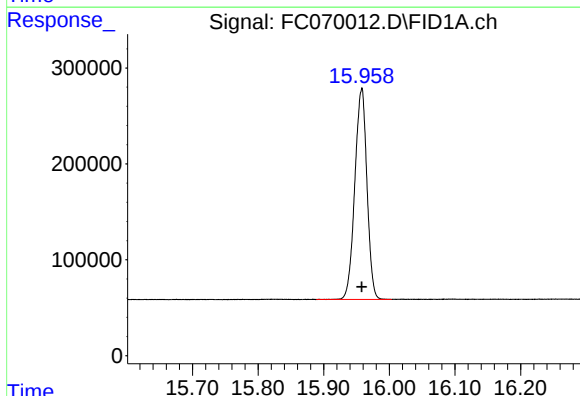
R.T.: 13.830 min
Delta R.T.: 0.000 min
Response: 3079772
Conc: 20.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



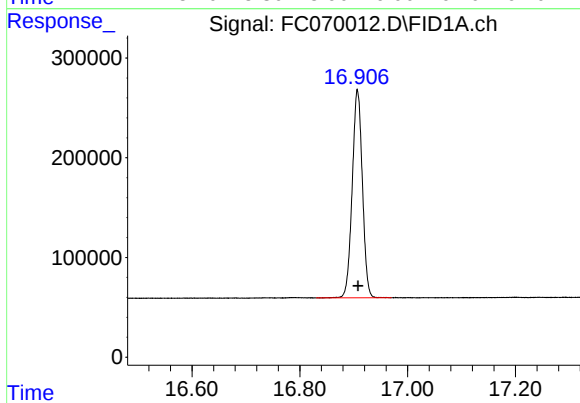
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.001 min
Response: 2975902
Conc: 19.63 ug/ml



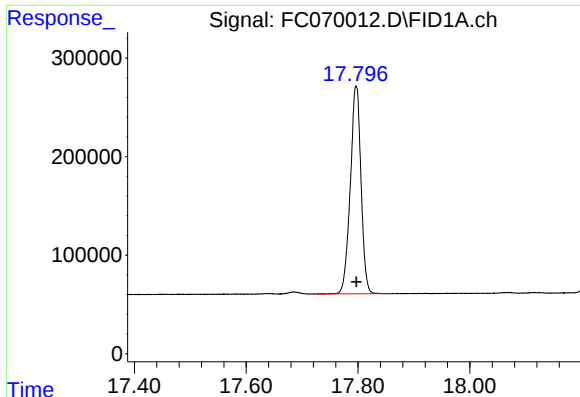
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: 0.000 min
Response: 2821903
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

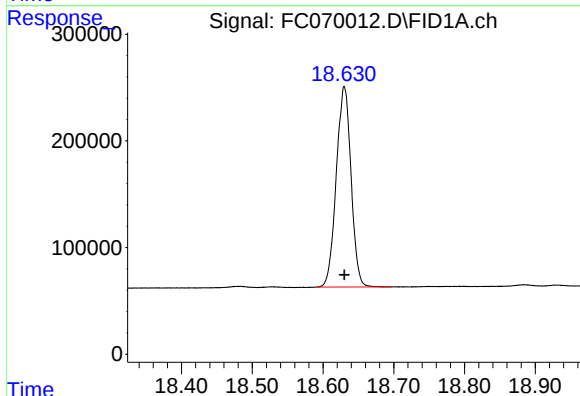
R.T.: 16.907 min
Delta R.T.: -0.001 min
Response: 2727507
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

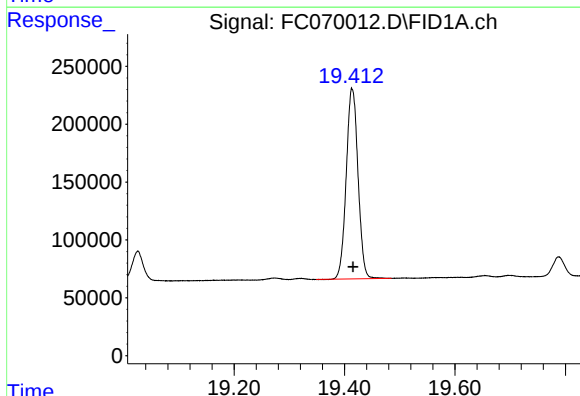
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2802891
Conc: 20.53 ug/ml

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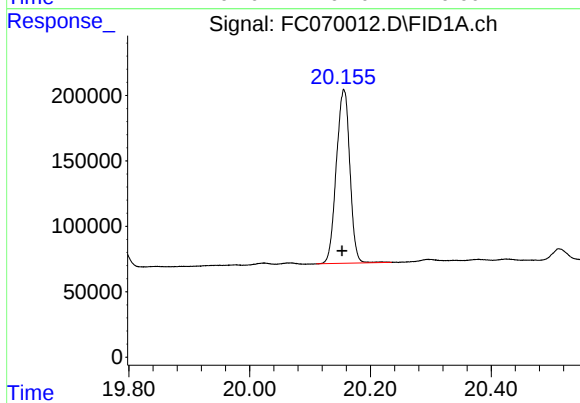
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2726954
Conc: 21.15 ug/ml



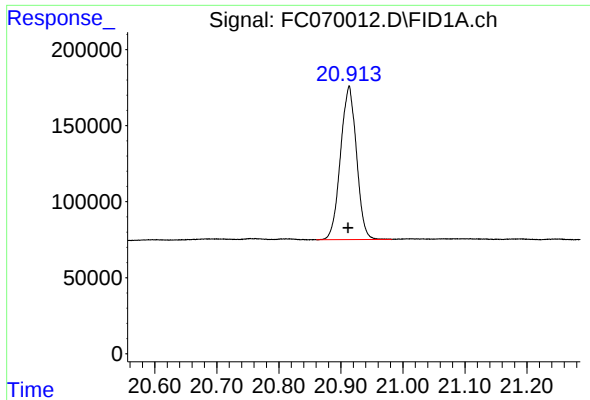
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.001 min
Response: 2440356
Conc: 21.39 ug/ml



#20 n-Hexatriacontane (C36)

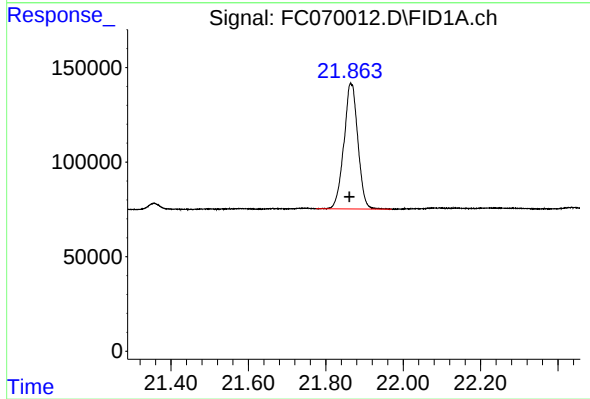
R.T.: 20.156 min
Delta R.T.: 0.003 min
Response: 2061460
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: 0.002 min
Response: 1802042
Conc: 20.68 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: 0.004 min
Response: 1659576
Conc: 20.20 ug/ml