

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070144.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 15:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 06 18:42:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 06 14:47:49 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)	11.637	3450537	19.657 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	13.073	2625999	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.379	2812063	19.829 ug/ml
2) T n-Decane (C10)	4.449	2910144	19.820 ug/ml
3) T A~Naphthalene (C11.7)	6.043	3193854	19.862 ug/ml
4) T n-Dodecane (C12)	6.471	3043663	19.849 ug/ml
5) T A~2-methylnaphthalene...	7.101	3101514	19.885 ug/ml
6) T n-Tetradecane (C14)	8.268	3107487	19.771 ug/ml
7) T n-Hexadecane (C16)	9.872	3283720	19.809 ug/ml
8) T n-Octadecane (C18)	11.315	3318102	19.686 ug/ml
10) T n-Eicosane (C20)	12.626	3134432	19.594 ug/ml
11) T n-Heneicosane (C21)	13.239	3034230	19.571 ug/ml
13) T n-Docosane (C22)	13.826	2983802	19.276 ug/ml
14) T n-Tetracosane (C24)	14.930	2872517	18.430 ug/ml
15) T n-Hexacosane (C26)	15.952	2717000	18.253 ug/ml
16) T n-Octacosane (C28)	16.904	2595094	17.855 ug/ml
17) T n-Tricontane (C30)	17.793	2582171	17.407 ug/ml
18) T n-Dotriacontane (C32)	18.626	2460086	16.906 ug/ml
19) T n-Tetratriacontane (C34)	19.411	2237516	17.387 ug/ml
20) T n-Hexatriacontane (C36)	20.150	1940244	18.001 ug/ml
21) T n-Octatriacontane (C38)	20.908	1752389	18.382 ug/ml
22) T n-Tetracontane (C40)	21.859	1656403	18.682 ug/ml

(f)=RT Delta > 1/2 Window

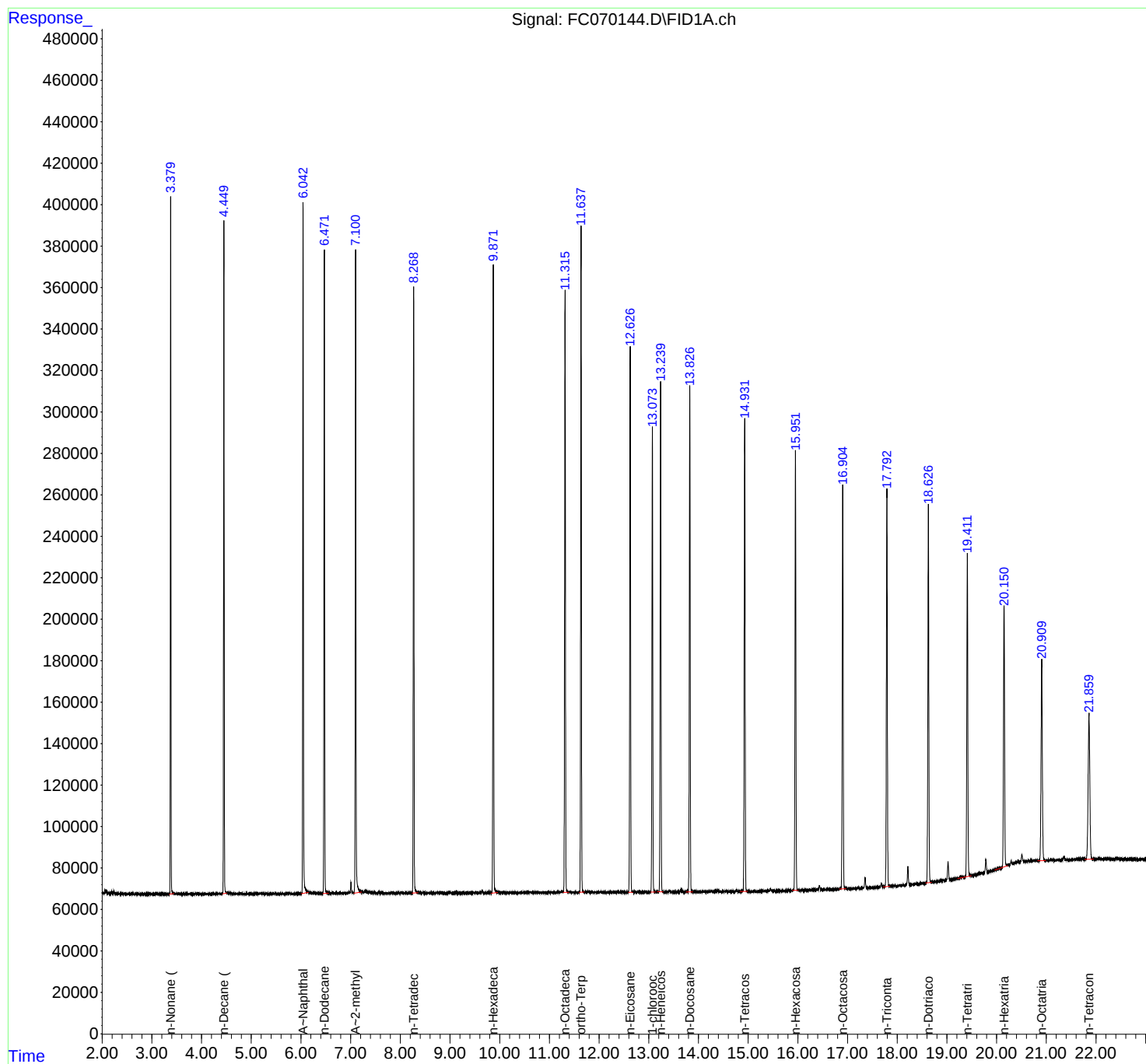
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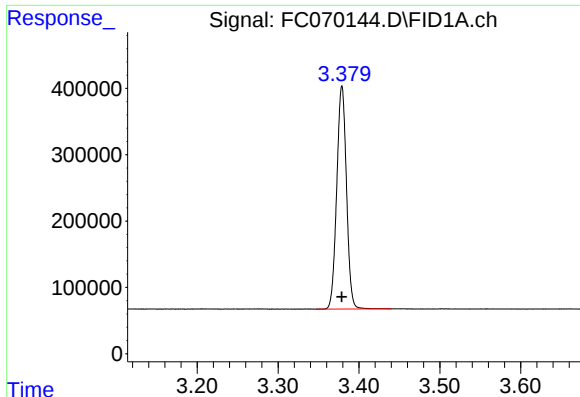
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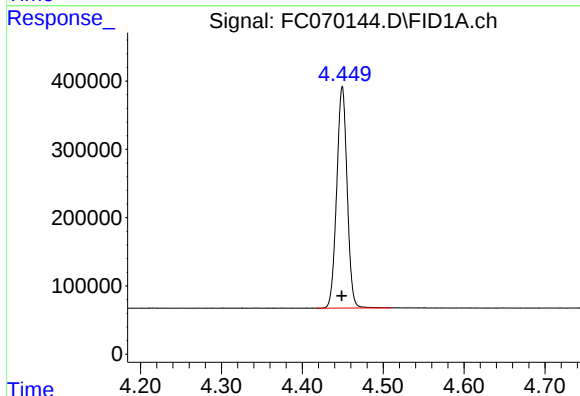




#1 n-Nonane (C9)

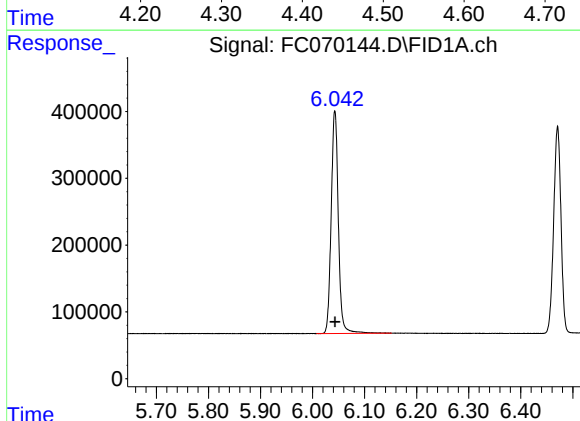
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 2812063
Conc: 19.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



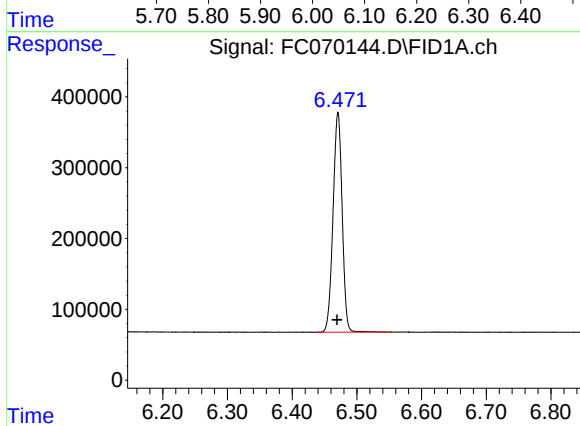
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 2910144
Conc: 19.82 ug/ml



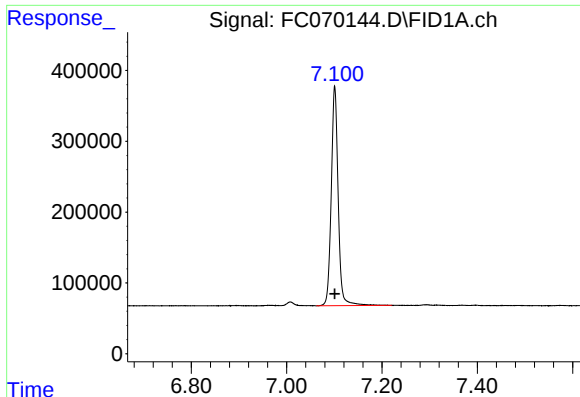
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 3193854
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

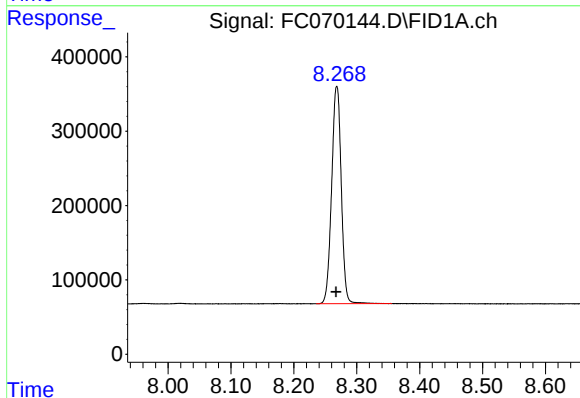
R.T.: 6.471 min
Delta R.T.: 0.001 min
Response: 3043663
Conc: 19.85 ug/ml



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

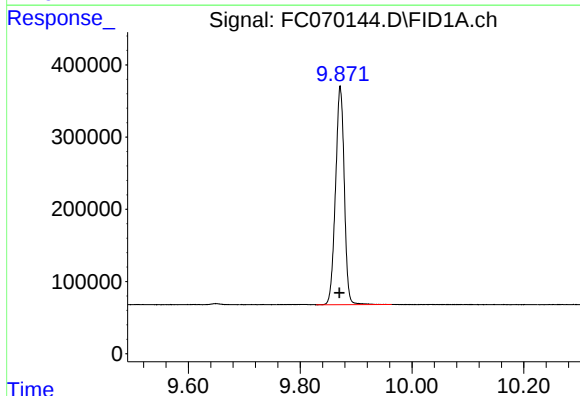
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 3101514
Conc: 19.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



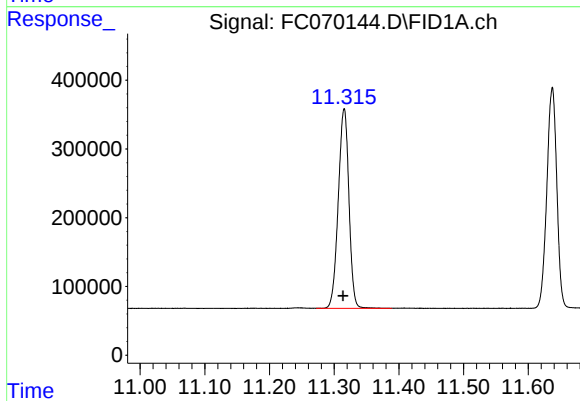
#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: 0.001 min
Response: 3107487
Conc: 19.77 ug/ml



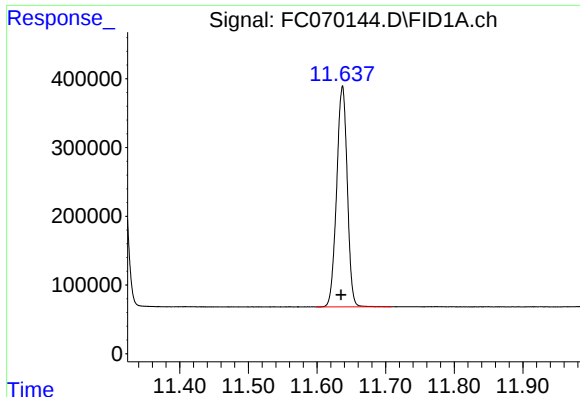
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: 0.002 min
Response: 3283720
Conc: 19.81 ug/ml



#8 n-Octadecane (C18)

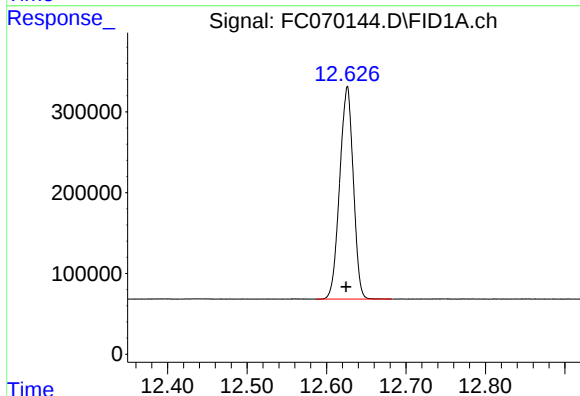
R.T.: 11.315 min
Delta R.T.: 0.002 min
Response: 3318102
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

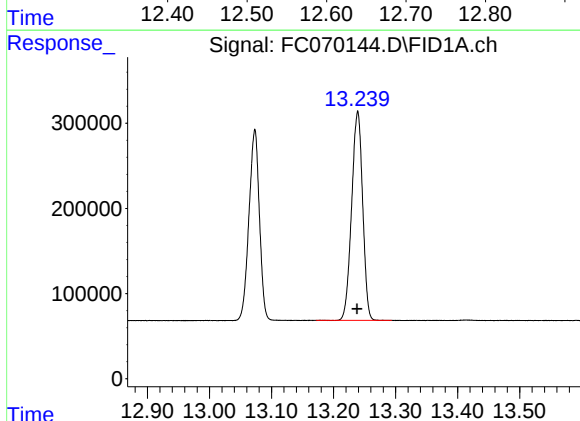
R.T.: 11.637 min
Delta R.T.: 0.002 min
Response: 3450537
Conc: 19.66 ug/ml

Instrument :
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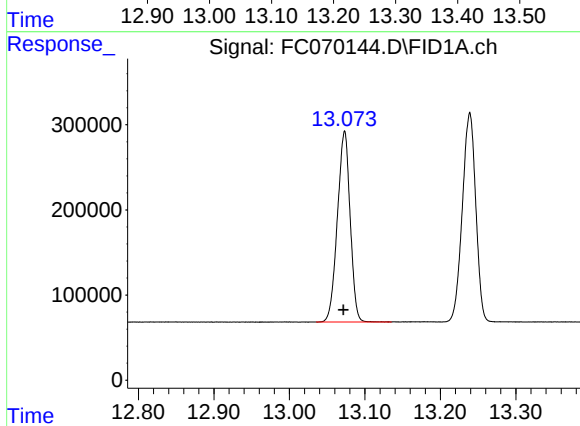
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: 0.001 min
Response: 3134432
Conc: 19.59 ug/ml



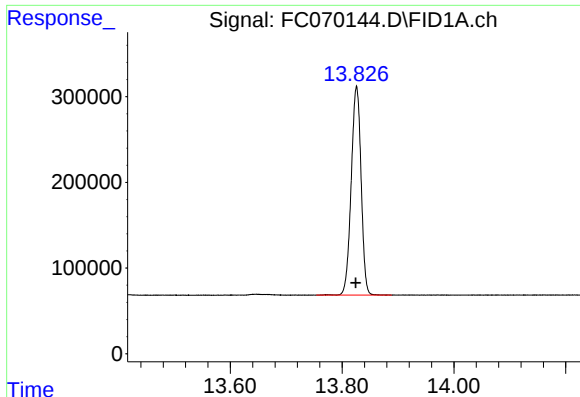
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: 0.001 min
Response: 3034230
Conc: 19.57 ug/ml



#12 1-chlorooctadecane (SURR)

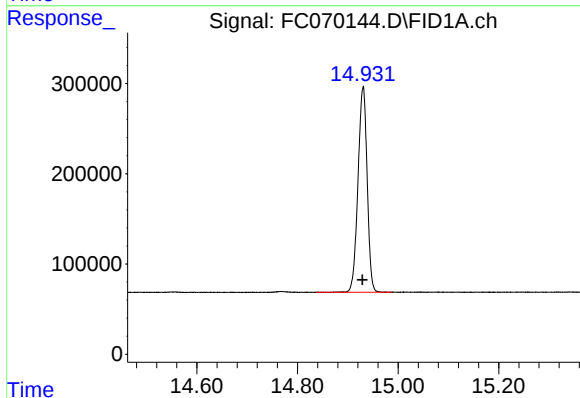
R.T.: 13.073 min
Delta R.T.: 0.001 min
Response: 2625999
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

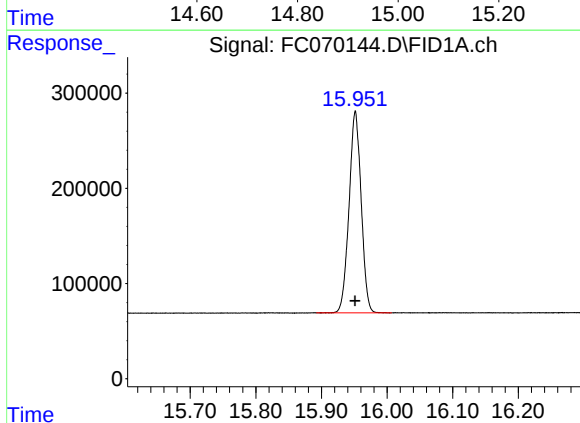
R.T.: 13.826 min
Delta R.T.: 0.002 min
Response: 2983802
Conc: 19.28 ug/ml

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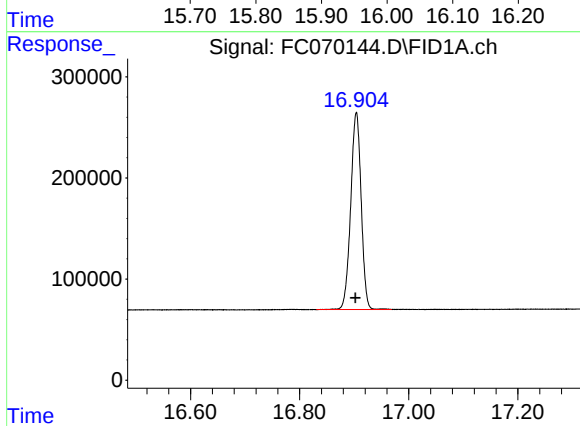
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: 0.001 min
Response: 2872517
Conc: 18.43 ug/ml



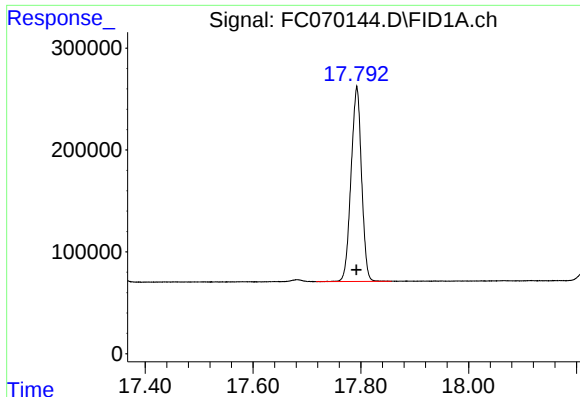
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: 0.000 min
Response: 2717000
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

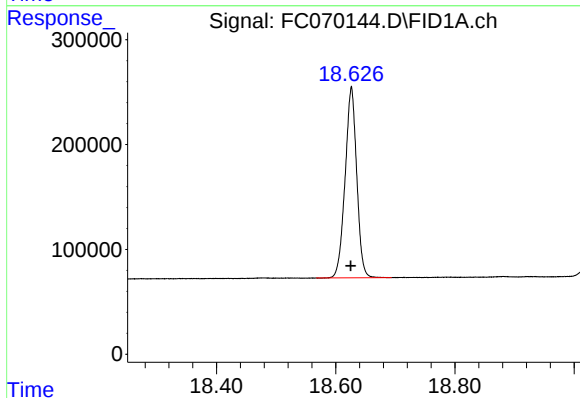
R.T.: 16.904 min
Delta R.T.: 0.002 min
Response: 2595094
Conc: 17.86 ug/ml



#17 n-Tricontane (C30)

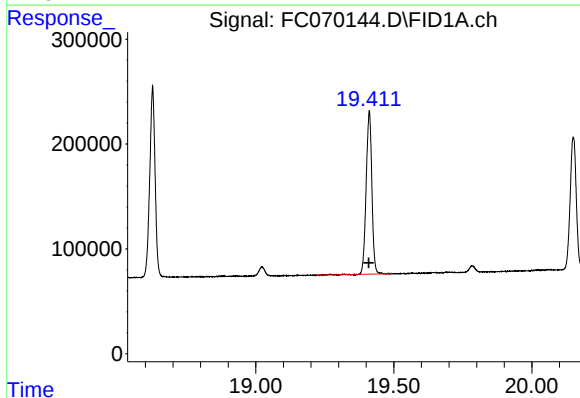
R.T.: 17.793 min
Delta R.T.: 0.001 min
Response: 2582171
Conc: 17.41 ug/ml

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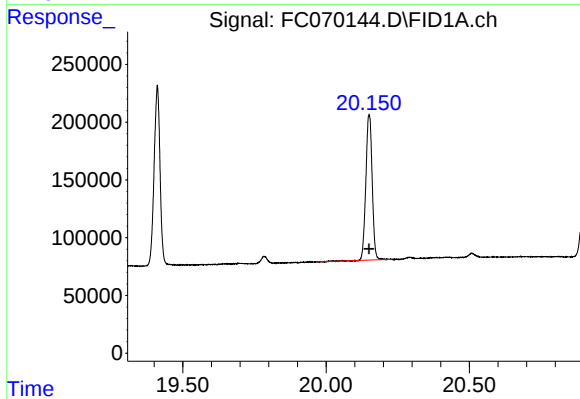
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: 0.000 min
Response: 2460086
Conc: 16.91 ug/ml



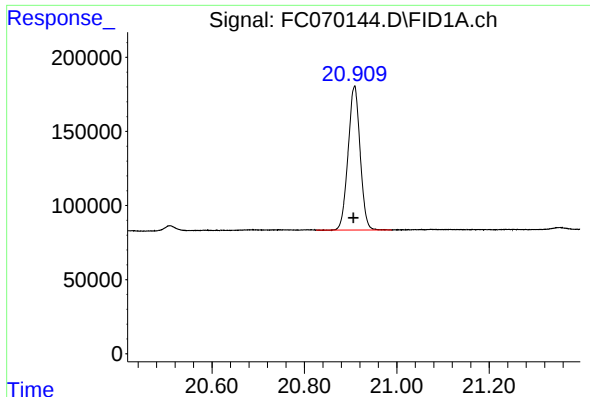
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: 0.002 min
Response: 2237516
Conc: 17.39 ug/ml



#20 n-Hexatriacontane (C36)

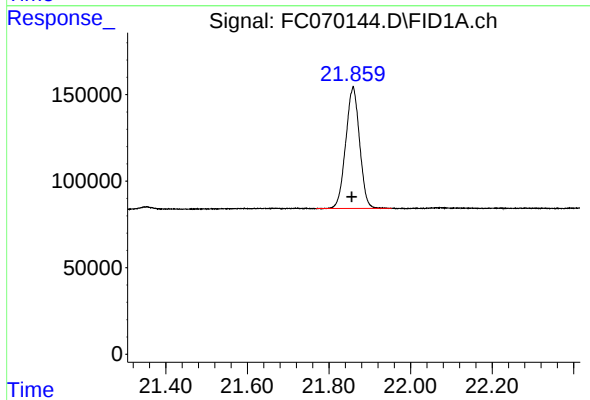
R.T.: 20.150 min
Delta R.T.: 0.000 min
Response: 1940244
Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.002 min
Response: 1752389
Conc: 18.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: 0.003 min
Response: 1656403
Conc: 18.68 ug/ml