

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
 Data File : FC067001.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2024 18:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 13 01:15:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 2024
 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)	11.509	3079811	20.231 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
12) S 1-chlorooctadecane (S...	12.949	2201328	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T n-Nonane (C9)	3.279	2993036	20.365 ug/ml
2) T n-Decane (C10)	4.345	3054795	20.386 ug/ml
3) T A~Naphthalene (C11.7)	5.925	3233861	20.328 ug/ml
4) T n-Dodecane (C12)	6.363	3046018	20.301 ug/ml
5) T A~2-methylnaphthalene...	6.981	3057794	20.332 ug/ml
6) T n-Tetradecane (C14)	8.157	2943041	20.298 ug/ml
7) T n-Hexadecane (C16)	9.757	2972215	20.279 ug/ml
8) T n-Octadecane (C18)	11.198	2961161	20.317 ug/ml
10) T n-Eicosane (C20)	12.506	2772305	20.244 ug/ml
11) T n-Heneicosane (C21)	13.117	2706806	20.312 ug/ml
13) T n-Docosane (C22)	13.703	2661542	20.198 ug/ml
14) T n-Tetracosane (C24)	14.805	2620606	20.220 ug/ml
15) T n-Hexacosane (C26)	15.825	2566696	20.235 ug/ml
16) T n-Octacosane (C28)	16.774	2517271	20.267 ug/ml
17) T n-Tricontane (C30)	17.660	2553855	20.322 ug/ml
18) T n-Dotriacontane (C32)	18.492	2498395	20.227 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2406056	20.065 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2249200	19.921 ug/ml
21) T n-Octatriacontane (C38)	20.741	2101378	19.288 ug/ml
22) T n-Tetracontane (C40)	21.632	1911654	18.714 ug/ml

(f)=RT Delta > 1/2 Window

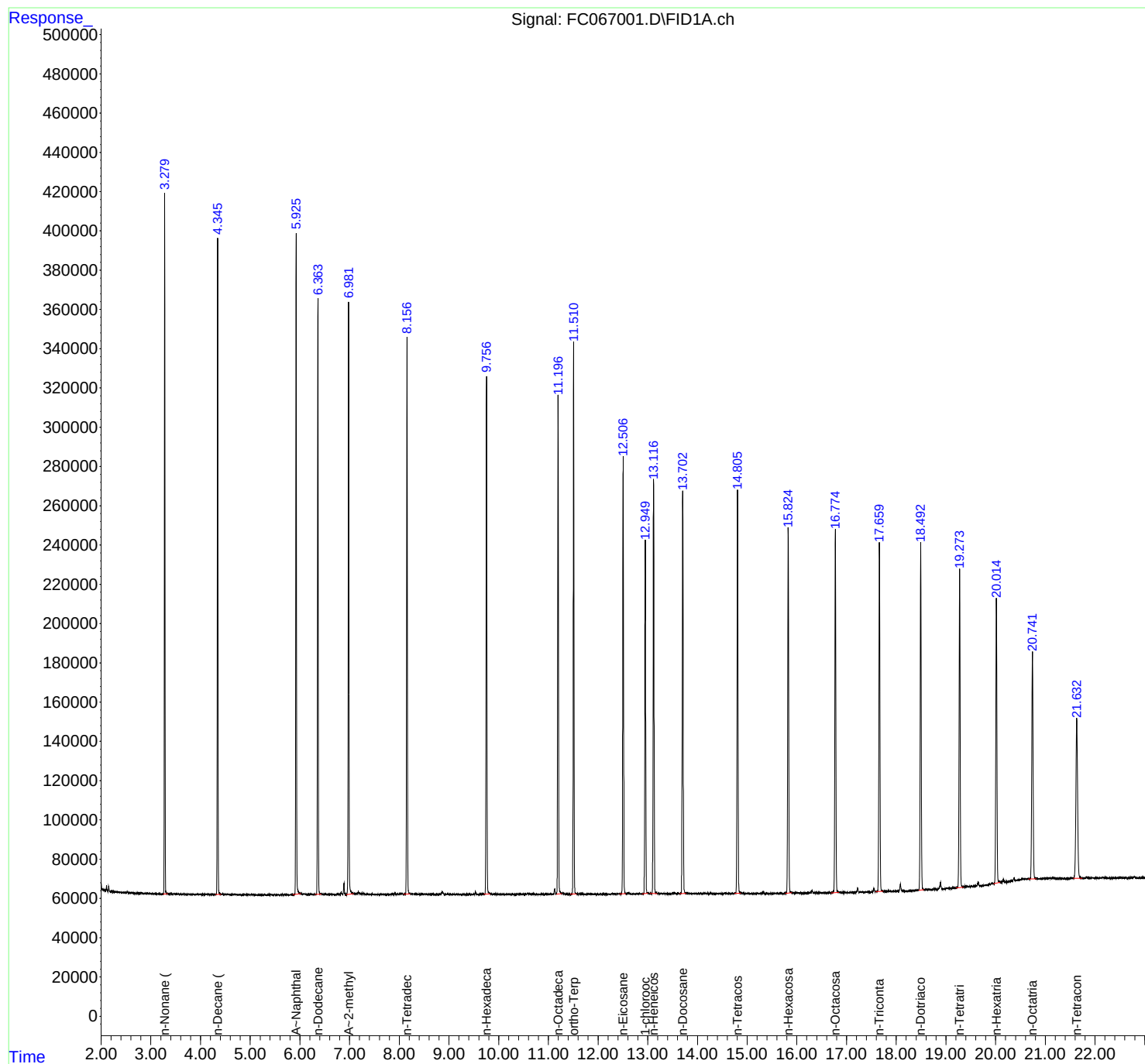
(m)=manual int.

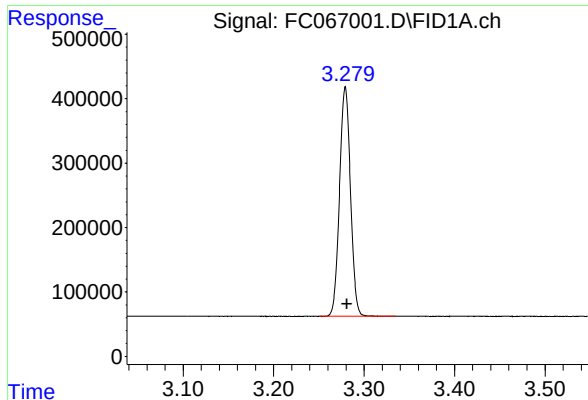
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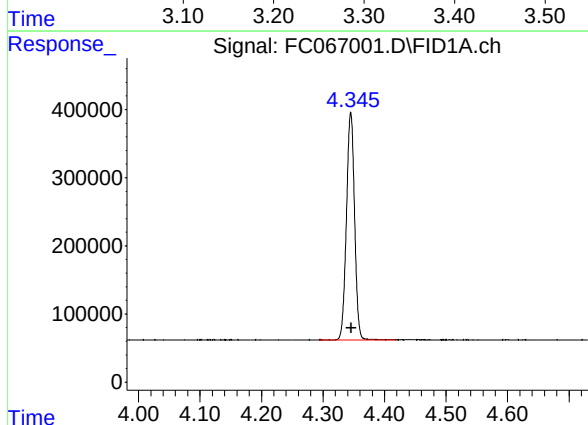




#1 n-Nonane (C9)

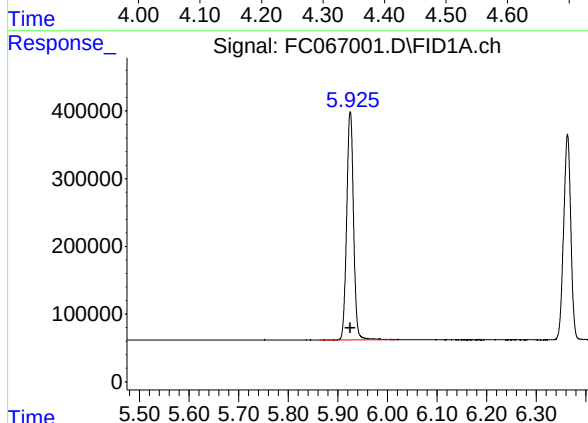
R.T.: 3.279 min
Delta R.T.: -0.002 min
Response: 2993036
Conc: 20.37 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



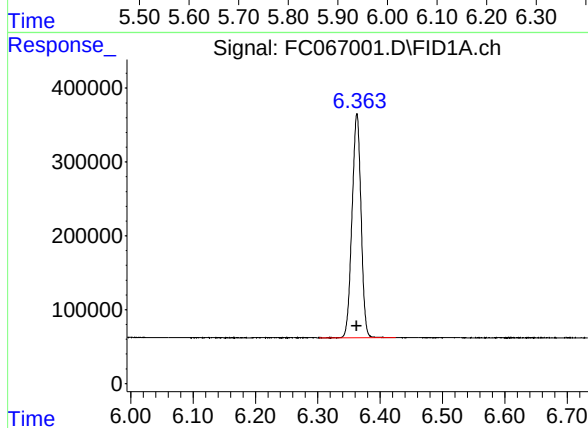
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 3054795
Conc: 20.39 ug/ml



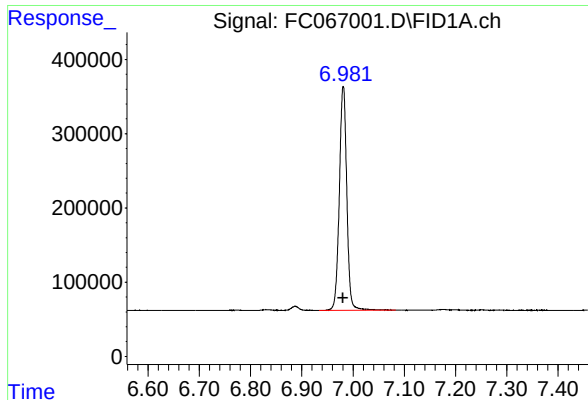
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 3233861
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

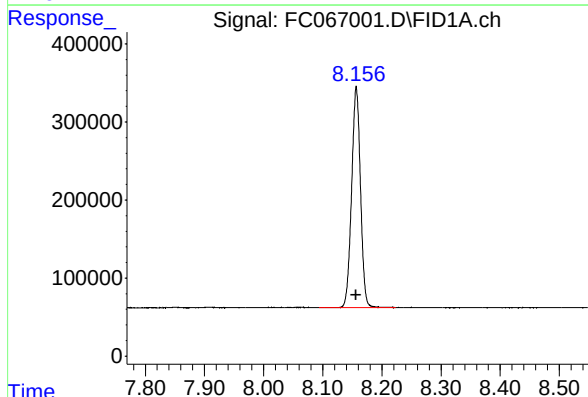
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 3046018
Conc: 20.30 ug/ml



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

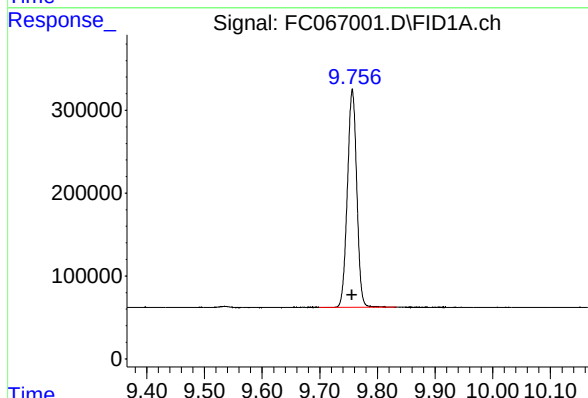
R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 3057794
Conc: 20.33 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



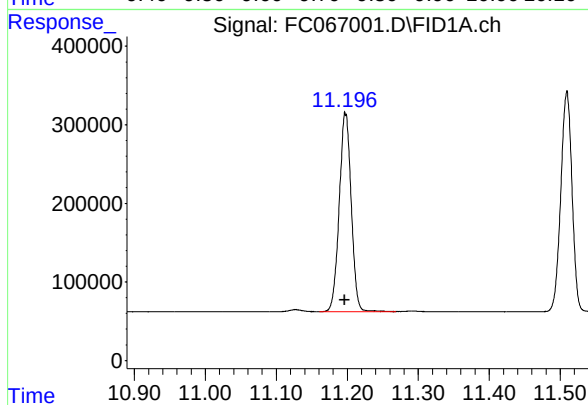
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 2943041
Conc: 20.30 ug/ml



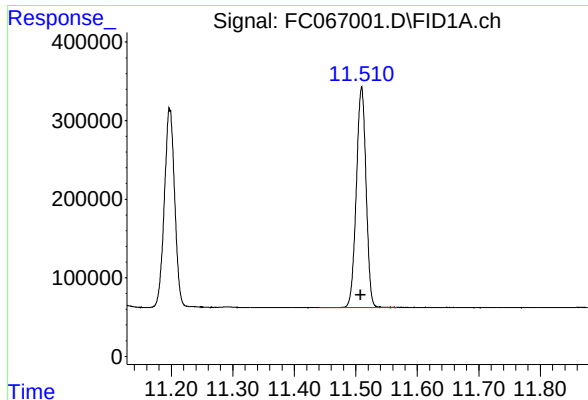
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.000 min
Response: 2972215
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

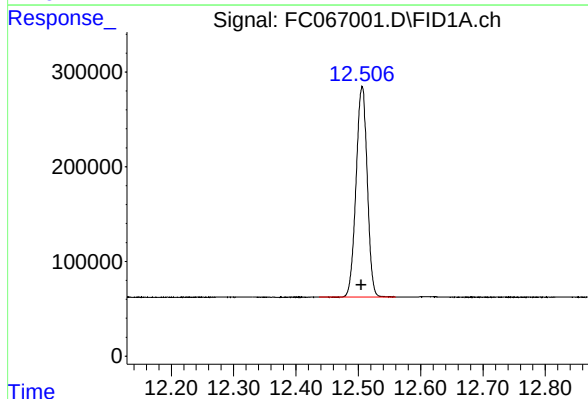
R.T.: 11.198 min
Delta R.T.: 0.001 min
Response: 2961161
Conc: 20.32 ug/ml



#9 ortho-Terphenyl (SURR)

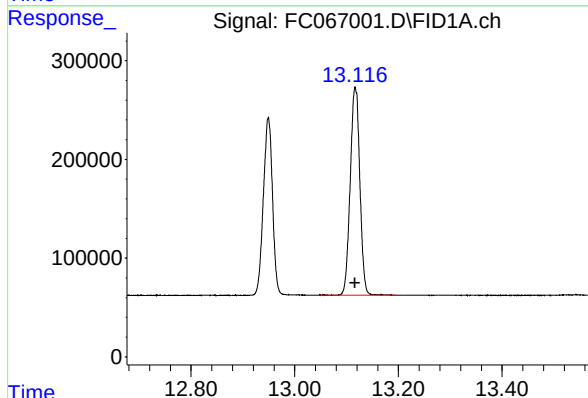
R.T.: 11.509 min
Delta R.T.: 0.001 min
Response: 3079811
Conc: 20.23 ug/ml

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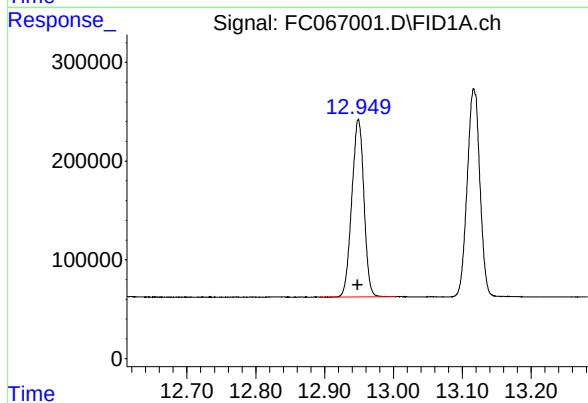
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 2772305
Conc: 20.24 ug/ml



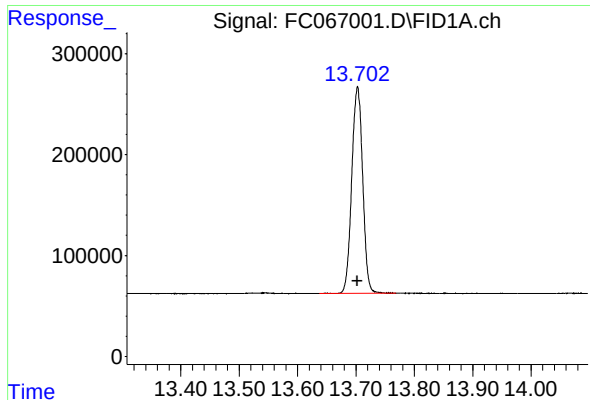
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 2706806
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

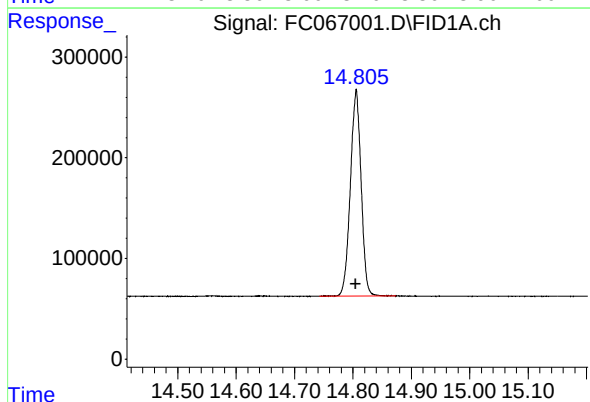
R.T.: 12.949 min
Delta R.T.: 0.001 min
Response: 2201328
Conc: 20.32 ug/ml



#13 n-Docosane (C22)

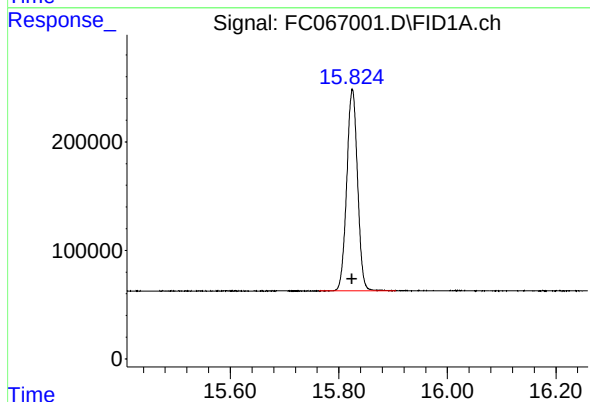
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 2661542
Conc: 20.20 ug/ml

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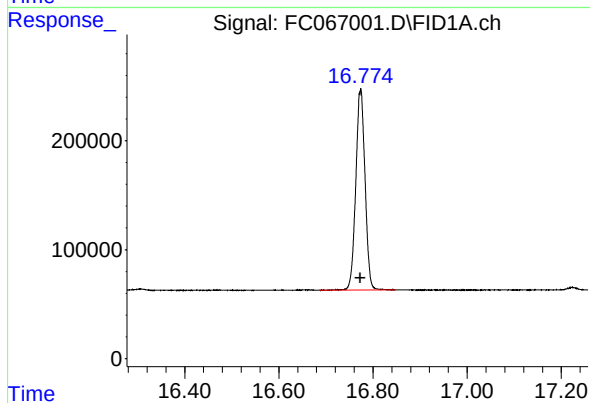
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 2620606
Conc: 20.22 ug/ml



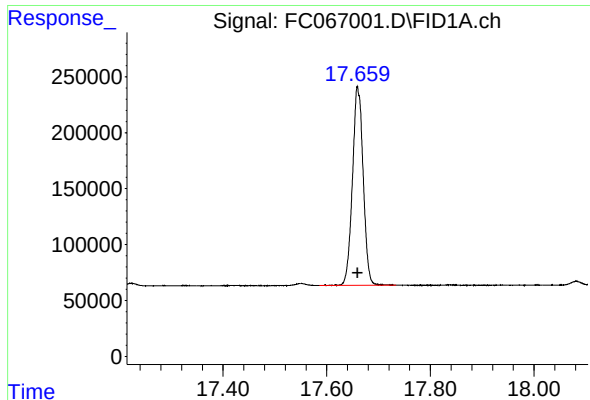
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.000 min
Response: 2566696
Conc: 20.23 ug/ml



#16 n-Octacosane (C28)

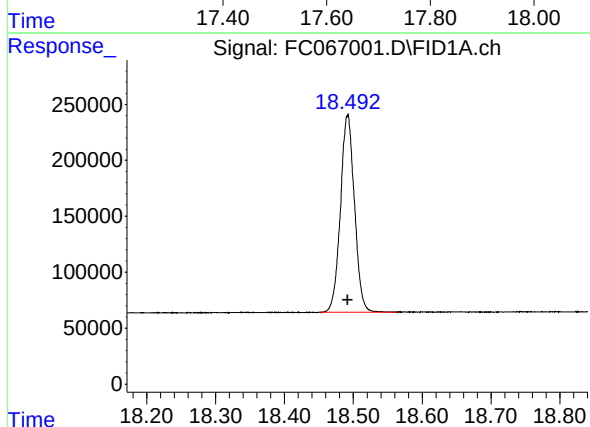
R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 2517271
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

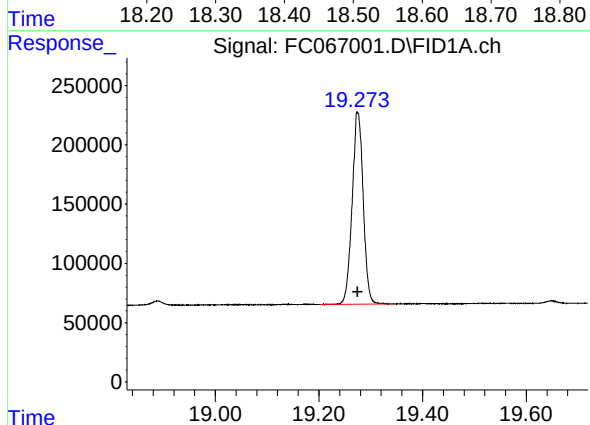
R.T.: 17.660 min
Delta R.T.: 0.000 min
Response: 2553855
Conc: 20.32 ug/ml

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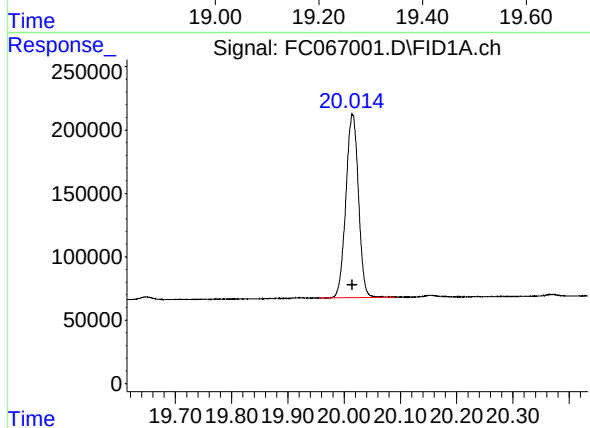
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 2498395
Conc: 20.23 ug/ml



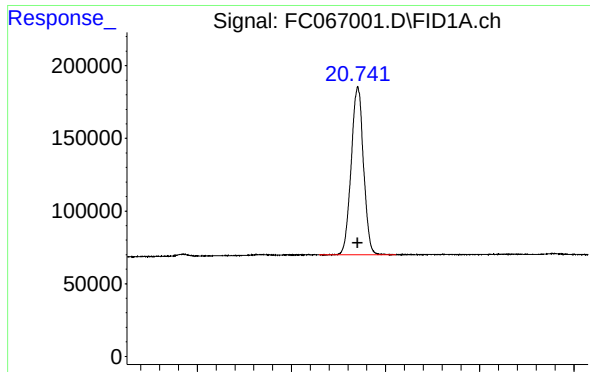
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 2406056
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

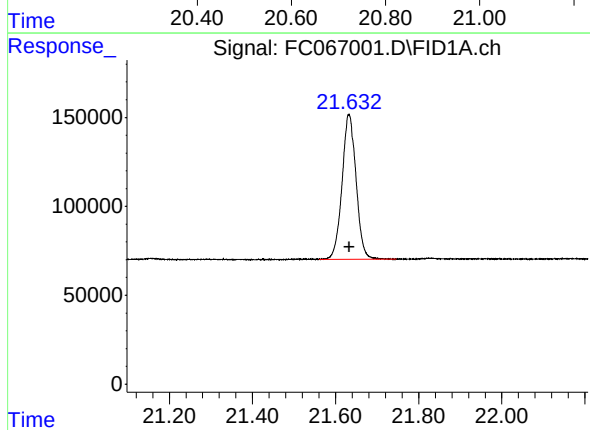
R.T.: 20.015 min
Delta R.T.: 0.000 min
Response: 2249200
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.000 min
Response: 2101378
Conc: 19.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.000 min
Response: 1911654
Conc: 18.71 ug/ml