

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068381.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 10:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 06 11:25:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 11:25:24 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)	11.393	3252665	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.836	2365879	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.201	2974939	20.000 ug/ml
2) T n-Decane (C10)	4.258	3006238	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3231104	20.000 ug/ml
4) T n-Dodecane (C12)	6.266	2989053	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.877	3046107	20.000 ug/ml
6) T n-Tetradecane (C14)	8.055	2882706	20.000 ug/ml
7) T n-Hexadecane (C16)	9.650	2902492	20.000 ug/ml
8) T n-Octadecane (C18)	11.088	2895770	20.000 ug/ml
10) T n-Eicosane (C20)	12.394	2766703	20.000 ug/ml
11) T n-Heneicosane (C21)	13.005	2714878	20.000 ug/ml
13) T n-Docosane (C22)	13.589	2686585	20.000 ug/ml
14) T n-Tetracosane (C24)	14.690	2694142	20.000 ug/ml
15) T n-Hexacosane (C26)	15.709	2652977	20.000 ug/ml
16) T n-Octacosane (C28)	16.657	2634144	20.000 ug/ml
17) T n-Tricontane (C30)	17.544	2785826	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.376	2745712	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.157	2535324	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.897	2216916	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.609	2004994	20.000 ug/ml
22) T n-Tetracontane (C40)	21.460	1855247	20.000 ug/ml

(f)=RT Delta > 1/2 Window

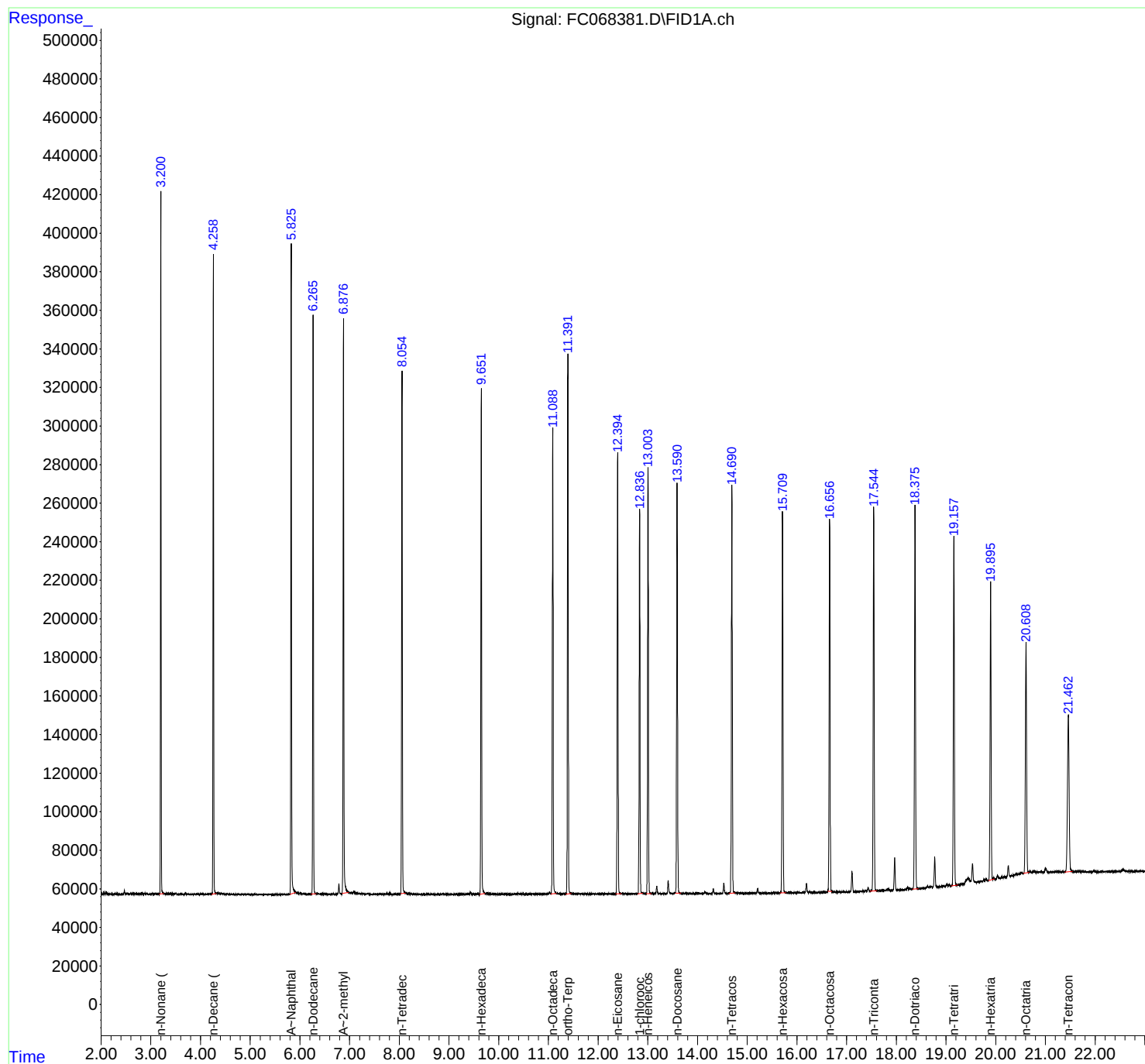
(m)=manual int.

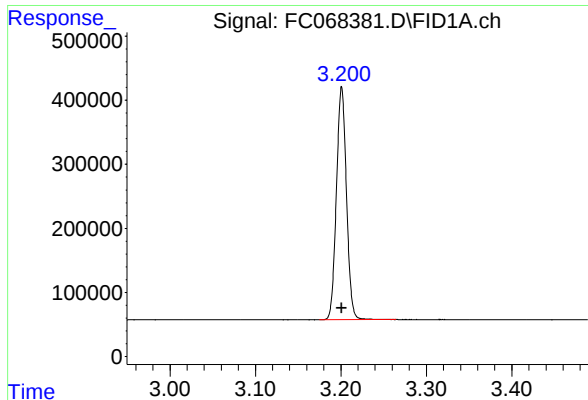
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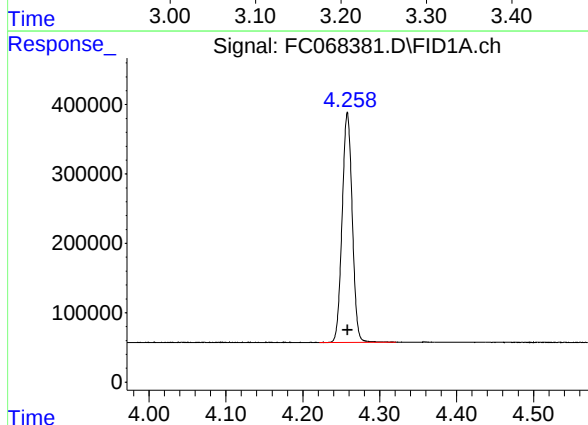




#1 n-Nonane (C9)

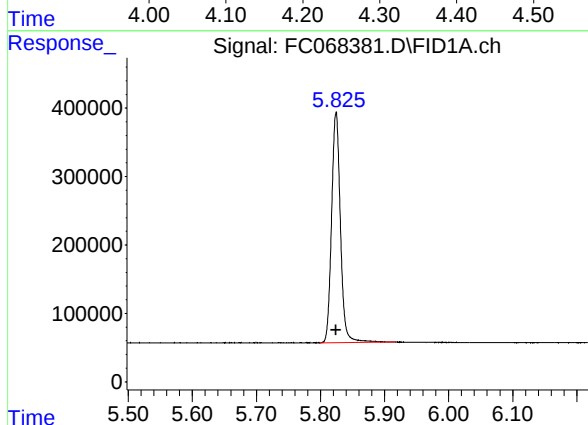
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 2974939
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



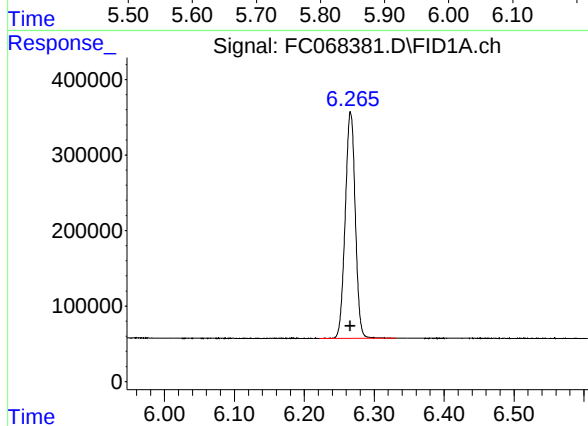
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 3006238
Conc: 20.00 ug/ml



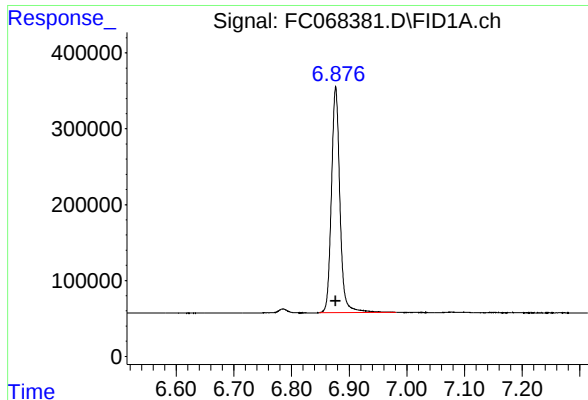
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 3231104
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

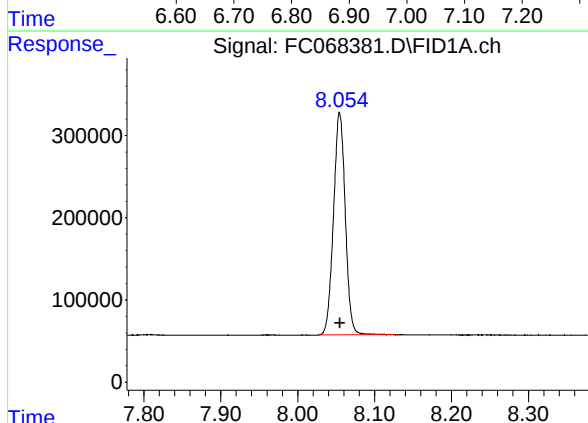
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 2989053
Conc: 20.00 ug/ml



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

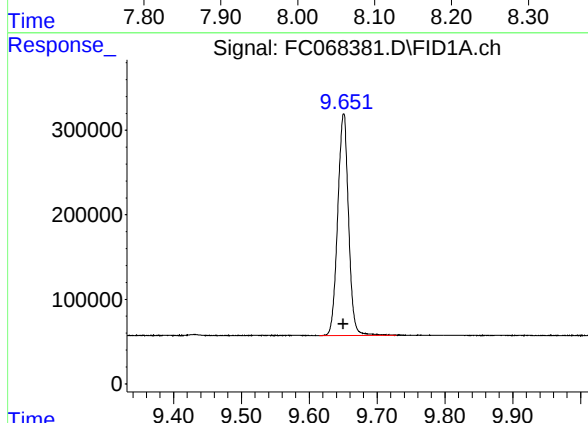
R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 3046107
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



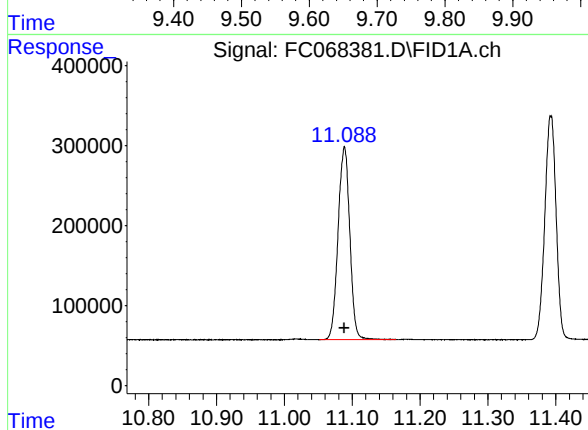
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2882706
Conc: 20.00 ug/ml



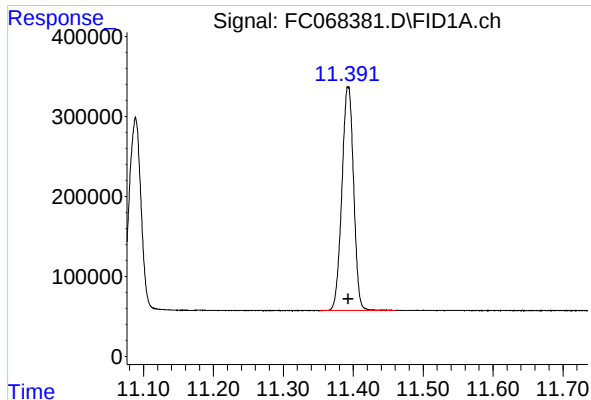
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: 0.000 min
Response: 2902492
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

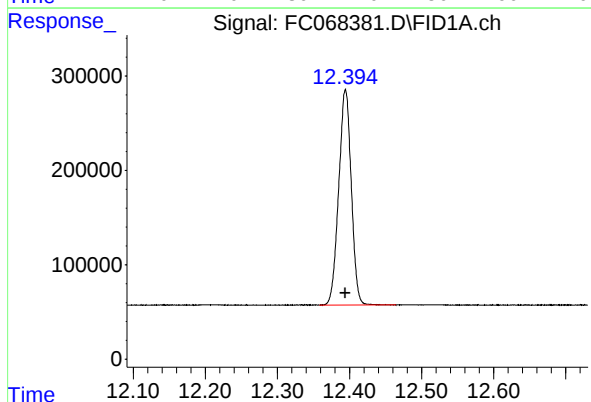
R.T.: 11.088 min
Delta R.T.: 0.000 min
Response: 2895770
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

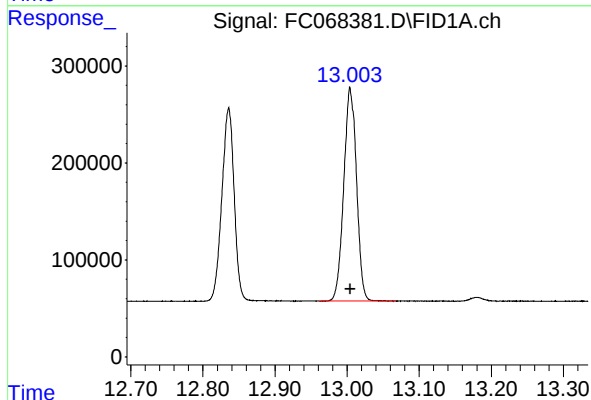
R.T.: 11.393 min
Delta R.T.: 0.000 min
Response: 3252665
Conc: 20.00 ug/ml

Instrument :
FID_C
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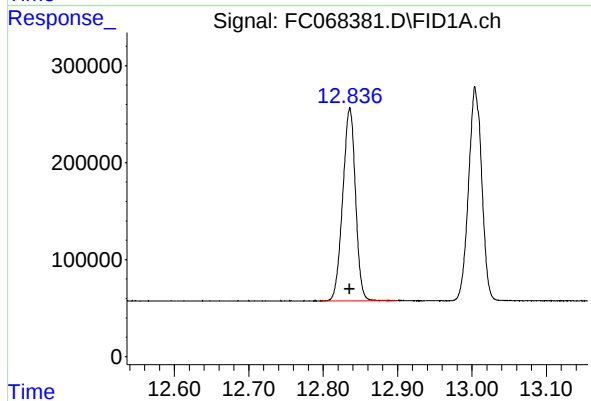
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.000 min
Response: 2766703
Conc: 20.00 ug/ml



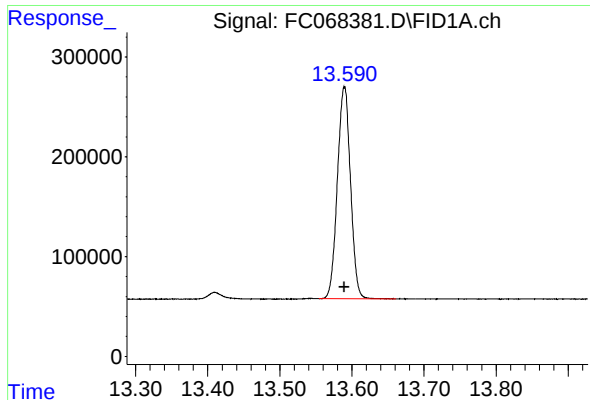
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: 0.000 min
Response: 2714878
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

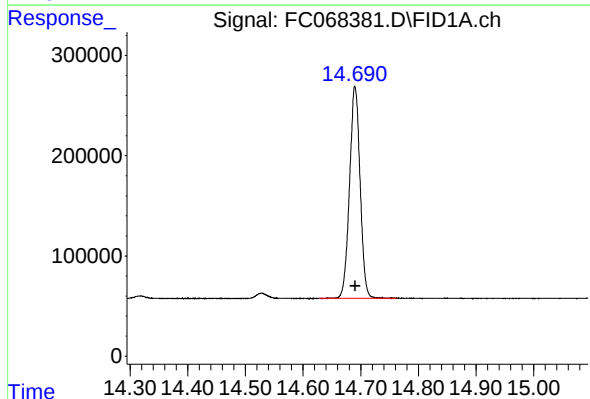
R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 2365879
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

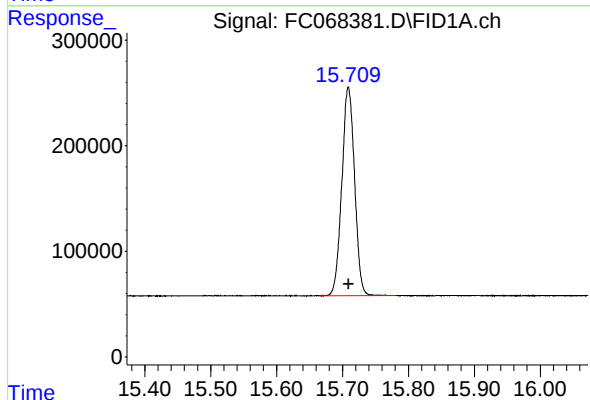
R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 2686585
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



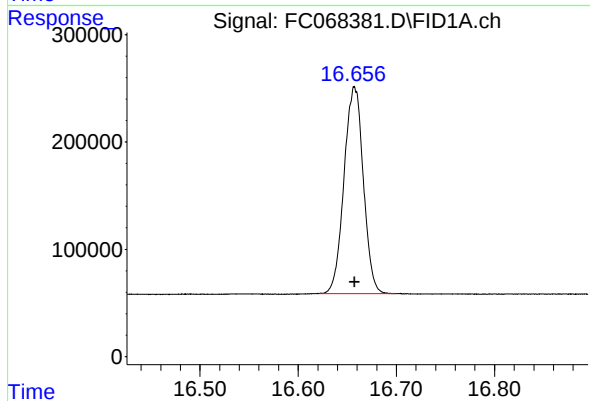
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: 0.000 min
Response: 2694142
Conc: 20.00 ug/ml



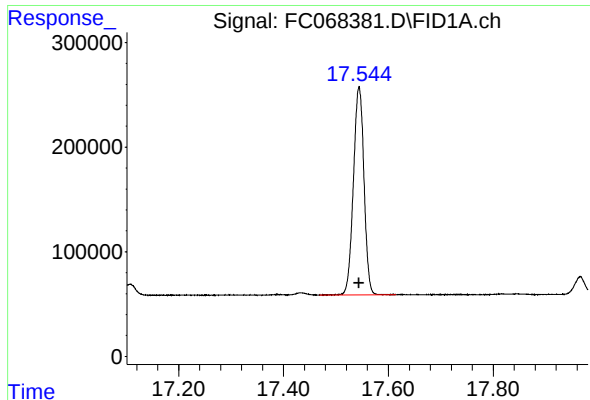
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: 0.000 min
Response: 2652977
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

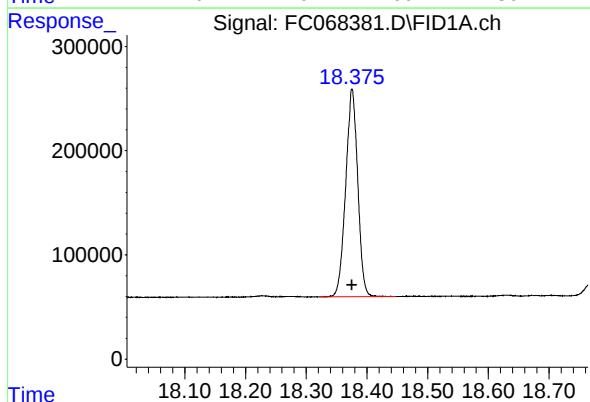
R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 2634144
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

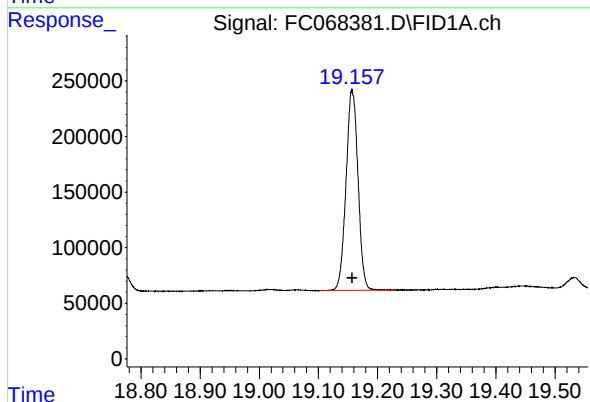
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 2785826
Conc: 20.00 ug/ml

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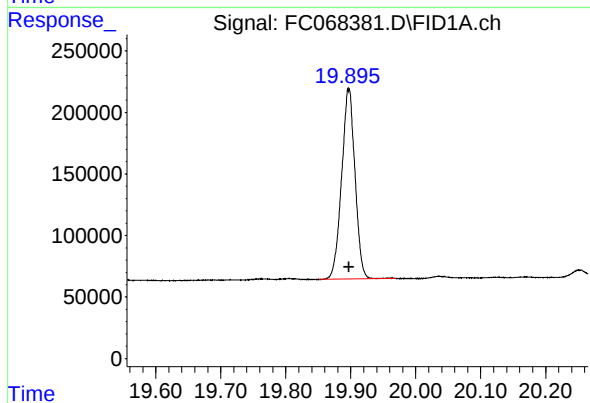
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: 0.000 min
Response: 2745712
Conc: 20.00 ug/ml



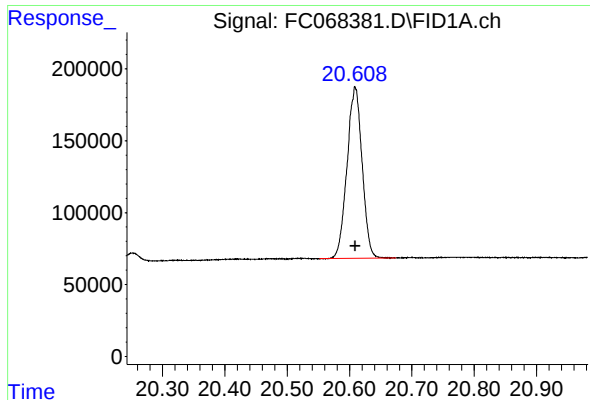
#19 n-Tetatriacontane (C34)

R.T.: 19.157 min
Delta R.T.: 0.000 min
Response: 2535324
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

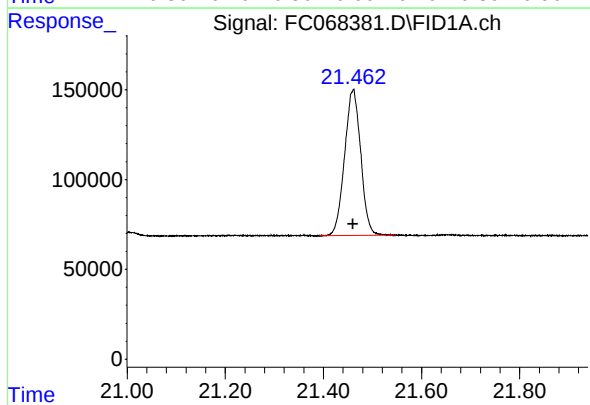
R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 2216916
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2004994
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.460 min
Delta R.T.: 0.000 min
Response: 1855247
Conc: 20.00 ug/ml