

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102824AL\
 Data File : FC067534.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2024 09:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 29 00:04:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.493	2944944	20.070 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	12.931	2151054	19.919 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.273	2689719	19.965 ug/ml
2) T n-Decane (C10)	4.338	2739294	20.106 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2970304	20.044 ug/ml
4) T n-Dodecane (C12)	6.353	2740471	20.233 ug/ml
5) T A~2-methylnaphthalene...	6.970	2827262	20.020 ug/ml
6) T n-Tetradecane (C14)	8.145	2670635	20.346 ug/ml
7) T n-Hexadecane (C16)	9.742	2701718	20.452 ug/ml
8) T n-Octadecane (C18)	11.181	2707873	20.497 ug/ml
10) T n-Eicosane (C20)	12.489	2568750	20.358 ug/ml
11) T n-Heneicosane (C21)	13.100	2512784	20.361 ug/ml
13) T n-Docosane (C22)	13.685	2492215	20.353 ug/ml
14) T n-Tetracosane (C24)	14.786	2467252	20.355 ug/ml
15) T n-Hexacosane (C26)	15.805	2430324	20.413 ug/ml
16) T n-Octacosane (C28)	16.753	2439421	20.735 ug/ml
17) T n-Tricontane (C30)	17.638	2563605	21.209 ug/ml
18) T n-Dotriacontane (C32)	18.470	2555141	21.595 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2239051	21.380 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1905425	20.933 ug/ml
21) T n-Octatriacontane (C38)	20.711	1783816	20.598 ug/ml
22) T n-Tetracontane (C40)	21.595	1730404	20.355 ug/ml

(f)=RT Delta > 1/2 Window

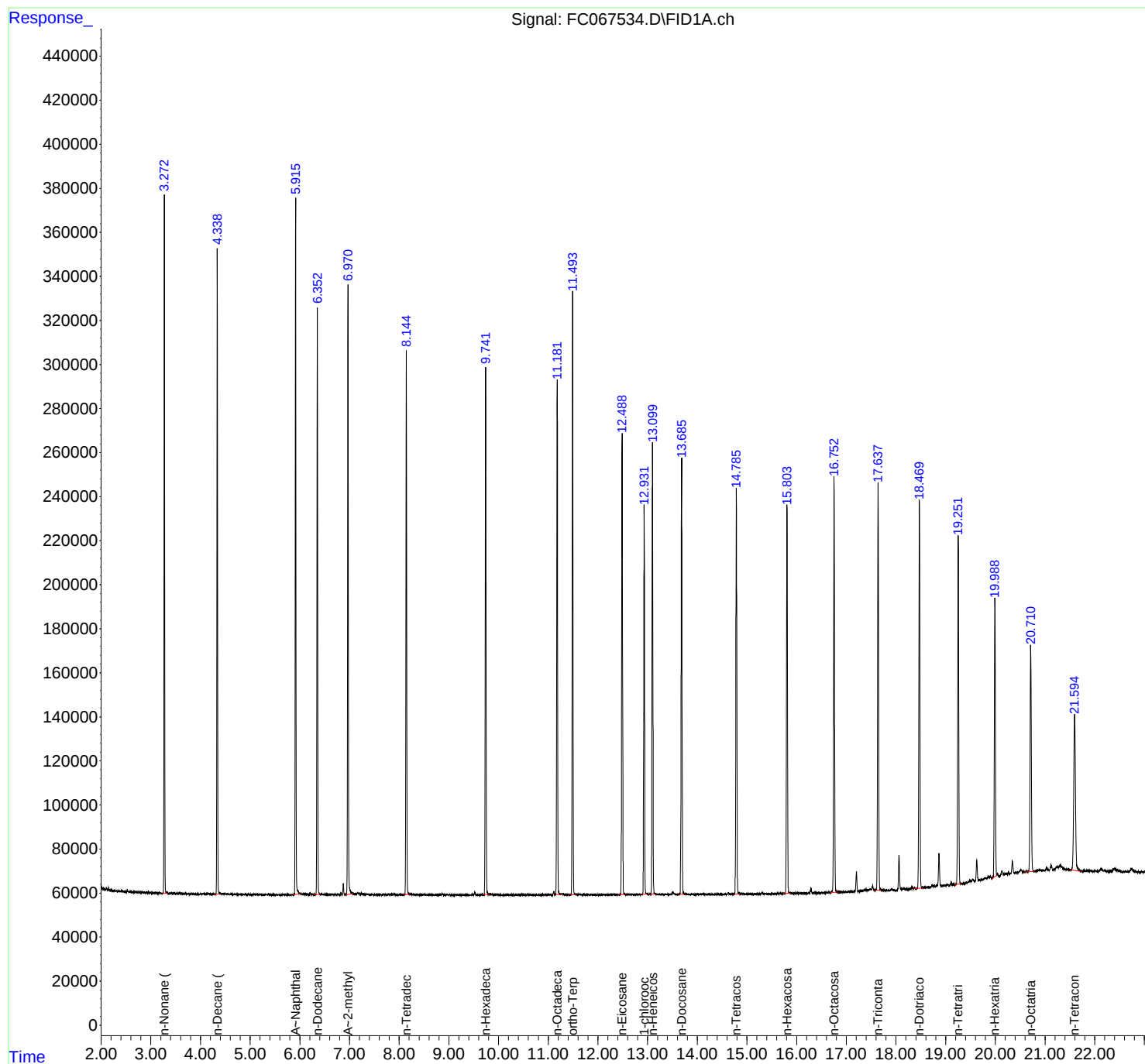
(m)=manual int.

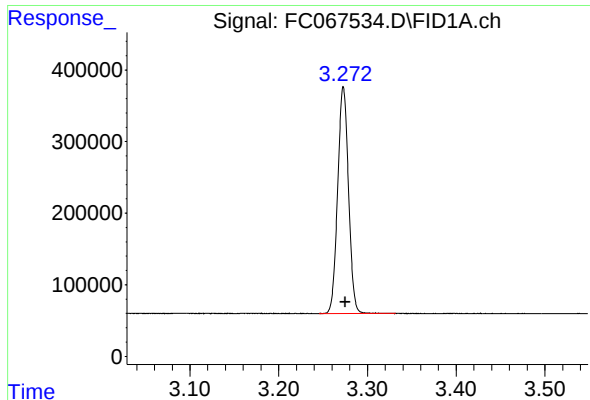
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102824AL\
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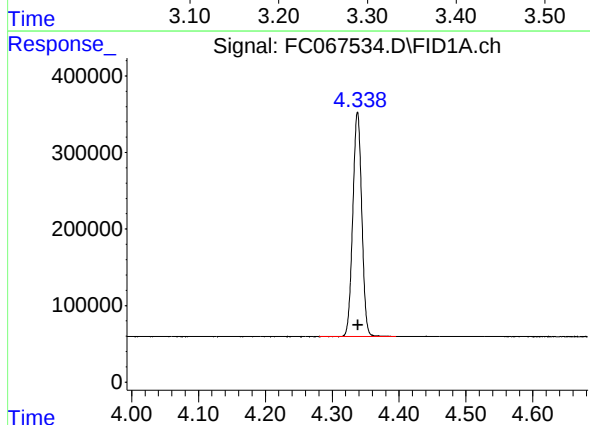




#1 n-Nonane (C9)

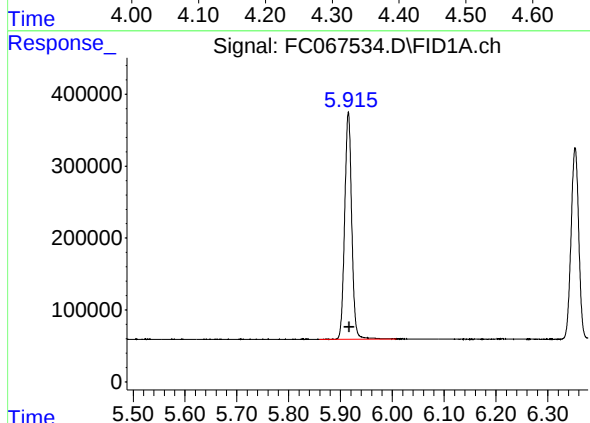
R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 2689719
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



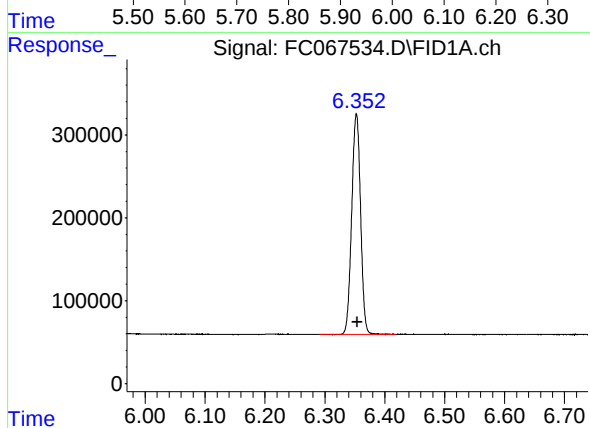
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2739294
Conc: 20.11 ug/ml



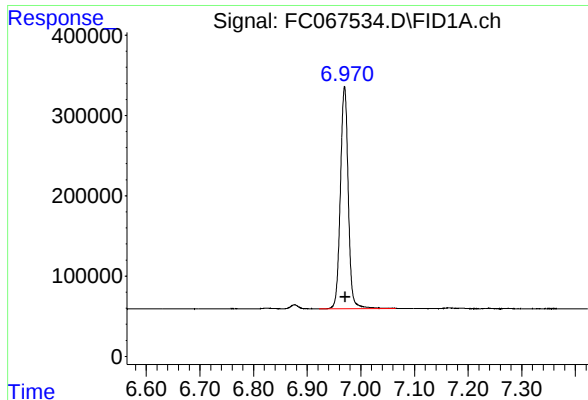
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2970304
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

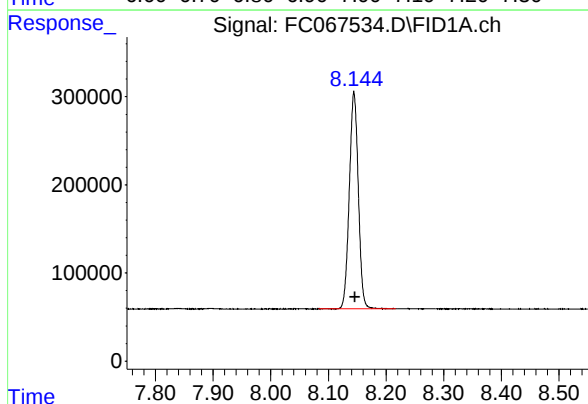
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2740471
Conc: 20.23 ug/ml



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

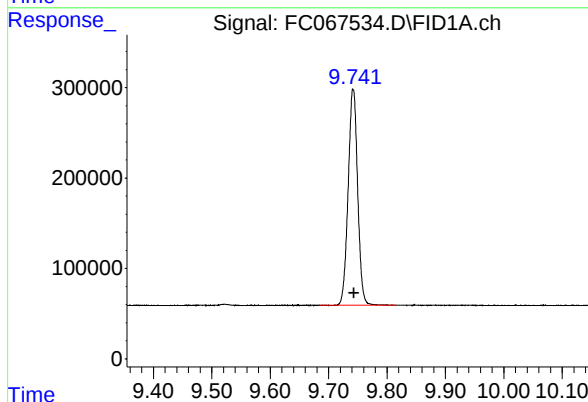
R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 2827262
Conc: 20.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



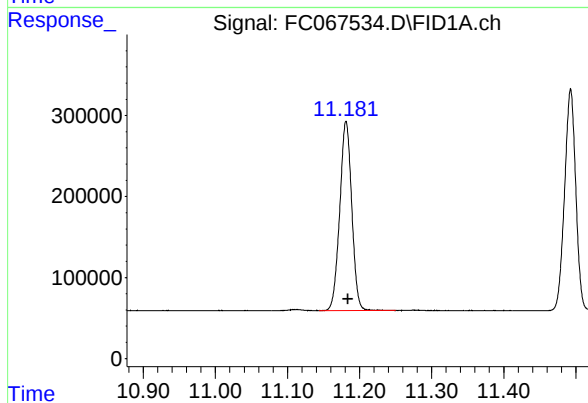
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 2670635
Conc: 20.35 ug/ml



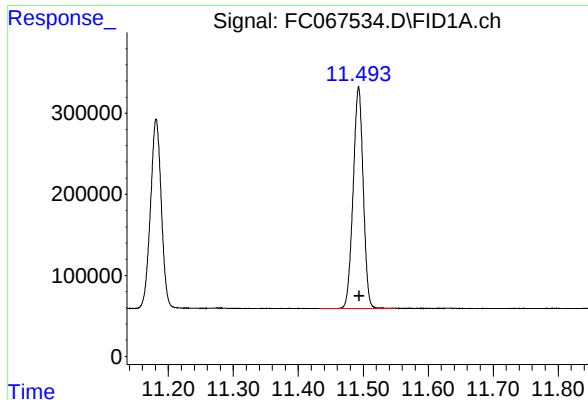
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 2701718
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

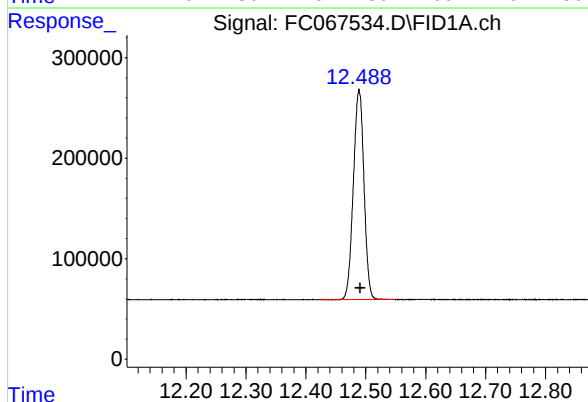
R.T.: 11.181 min
Delta R.T.: -0.002 min
Response: 2707873
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

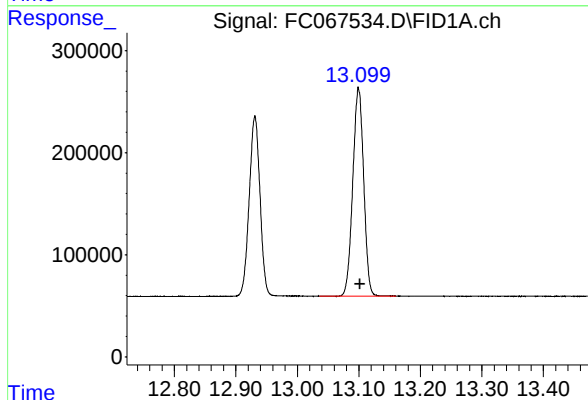
R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 2944944
Conc: 20.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



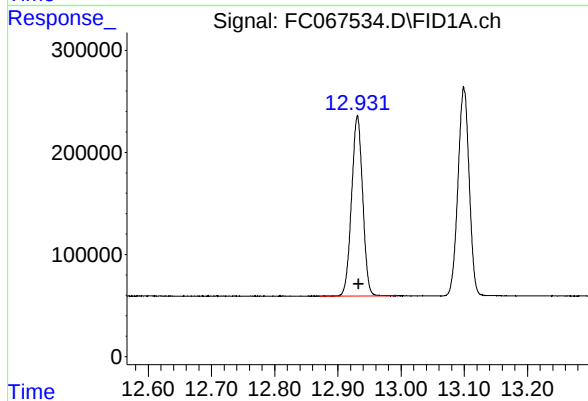
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.002 min
Response: 2568750
Conc: 20.36 ug/ml



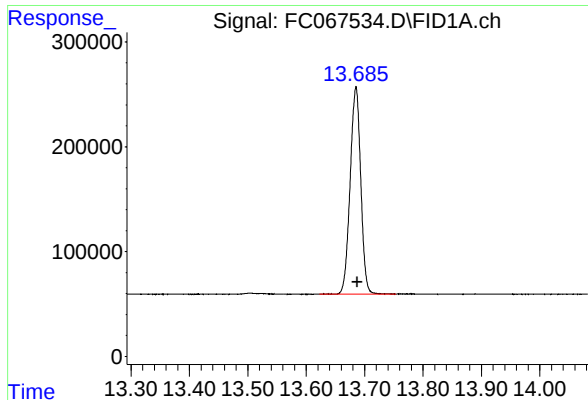
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.002 min
Response: 2512784
Conc: 20.36 ug/ml



#12 1-chlorooctadecane (SURR)

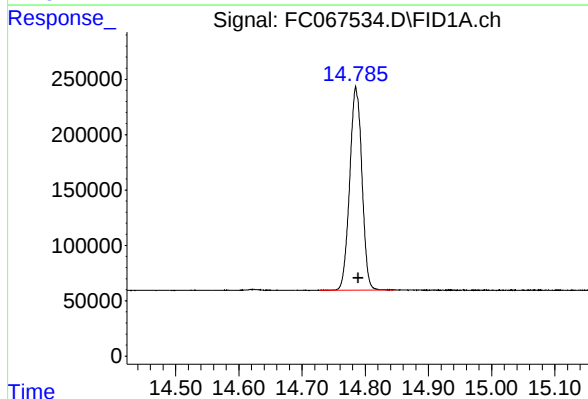
R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 2151054
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

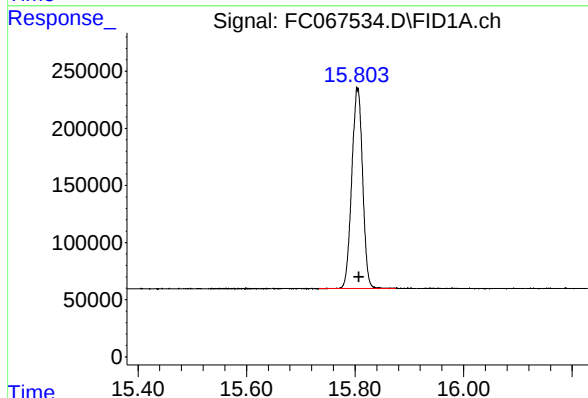
R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 2492215
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



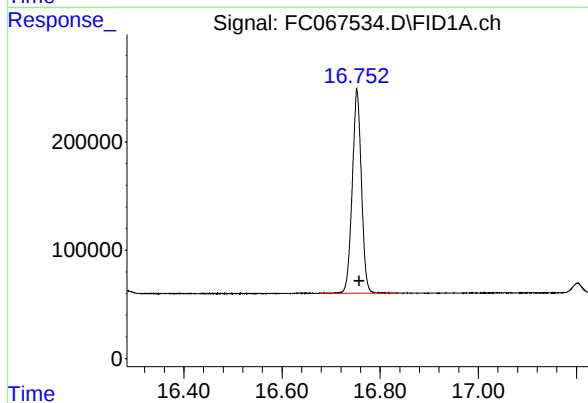
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.004 min
Response: 2467252
Conc: 20.36 ug/ml



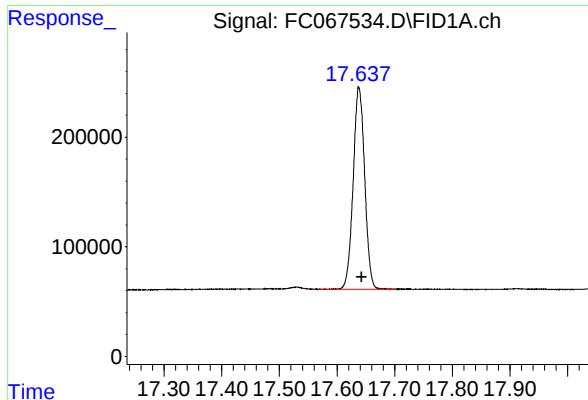
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.003 min
Response: 2430324
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

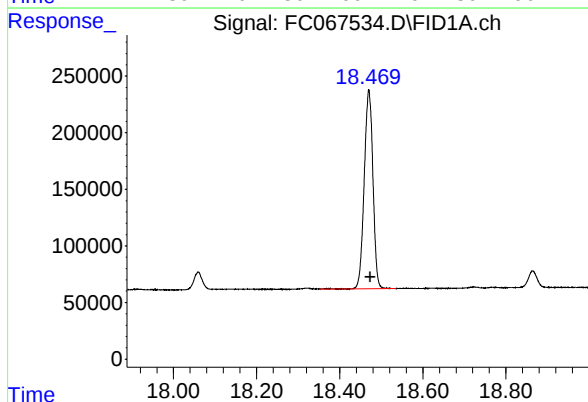
R.T.: 16.753 min
Delta R.T.: -0.005 min
Response: 2439421
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

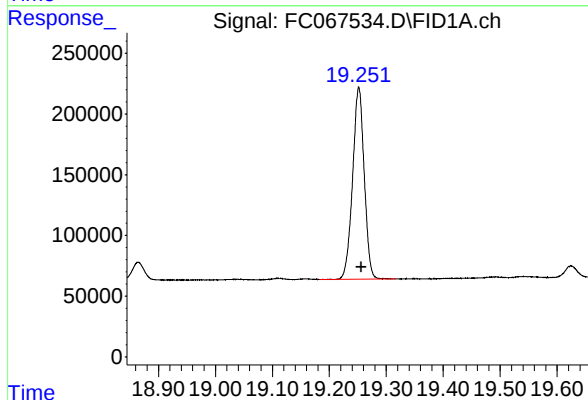
R.T.: 17.638 min
Delta R.T.: -0.004 min
Response: 2563605
Conc: 21.21 ug/ml

Instrument :
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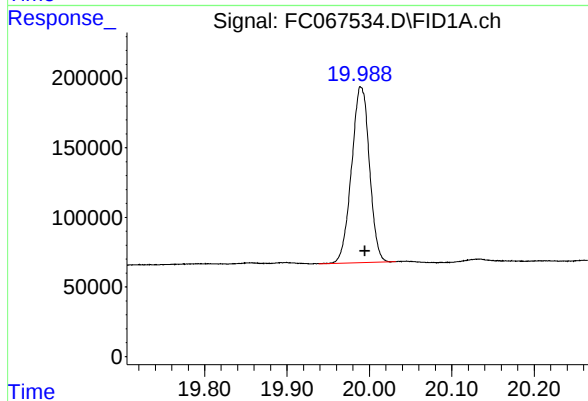
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.004 min
Response: 2555141
Conc: 21.60 ug/ml



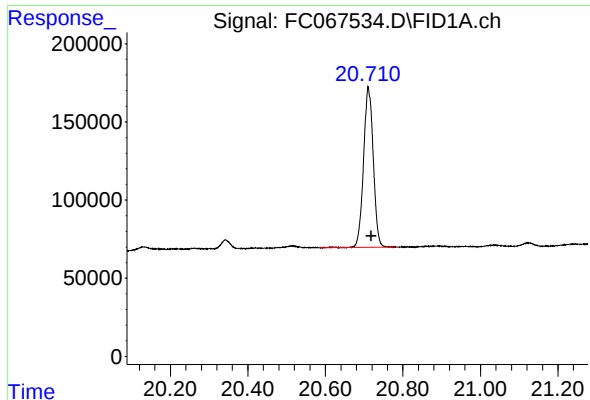
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.004 min
Response: 2239051
Conc: 21.38 ug/ml



#20 n-Hexatriacontane (C36)

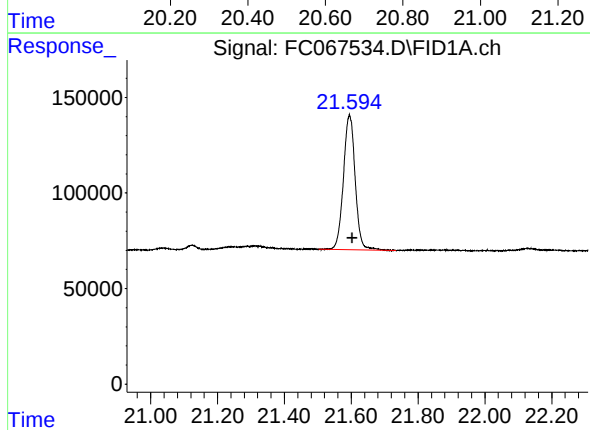
R.T.: 19.990 min
Delta R.T.: -0.004 min
Response: 1905425
Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.007 min
Response: 1783816
Conc: 20.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: -0.009 min
Response: 1730404
Conc: 20.36 ug/ml