

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120924AL\
 Data File : FC067940.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 09:03
 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: Dec 09 12:20:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.471	3952225	20.385 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.910	2892506	19.926 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T n-Nonane (C9)	3.252	3433818	21.052 ug/ml
2) T n-Decane (C10)	4.315	3570687	21.532 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3946193	21.545 ug/ml
4) T n-Dodecane (C12)	6.330	3661734	21.741 ug/ml
5) T A~2-methylnaphthalene...	6.945	3834084	21.618 ug/ml
6) T n-Tetradecane (C14)	8.122	3646263	21.772 ug/ml
7) T n-Hexadecane (C16)	9.721	3716324	21.445 ug/ml
8) T n-Octadecane (C18)	11.161	3686856	20.955 ug/ml
10) T n-Eicosane (C20)	12.468	3447632	20.475 ug/ml
11) T n-Heneicosane (C21)	13.080	3340434	20.302 ug/ml
13) T n-Docosane (C22)	13.664	3281942	20.153 ug/ml
14) T n-Tetracosane (C24)	14.766	3188736	19.882 ug/ml
15) T n-Hexacosane (C26)	15.785	3096934	19.998 ug/ml
16) T n-Octacosane (C28)	16.734	3070772	20.333 ug/ml
17) T n-Tricontane (C30)	17.621	3090170	20.183 ug/ml
18) T n-Dotriacontane (C32)	18.452	3006789	20.359 ug/ml
19) T n-Tetratriacontane (C34)	19.234	2619517	20.768 ug/ml
20) T n-Hexatriacontane (C36)	19.973	2217690	21.204 ug/ml
21) T n-Octatriacontane (C38)	20.693	2094445	21.441 ug/ml
22) T n-Tetracontane (C40)	21.570	2008711	20.609 ug/ml

(f)=RT Delta > 1/2 Window

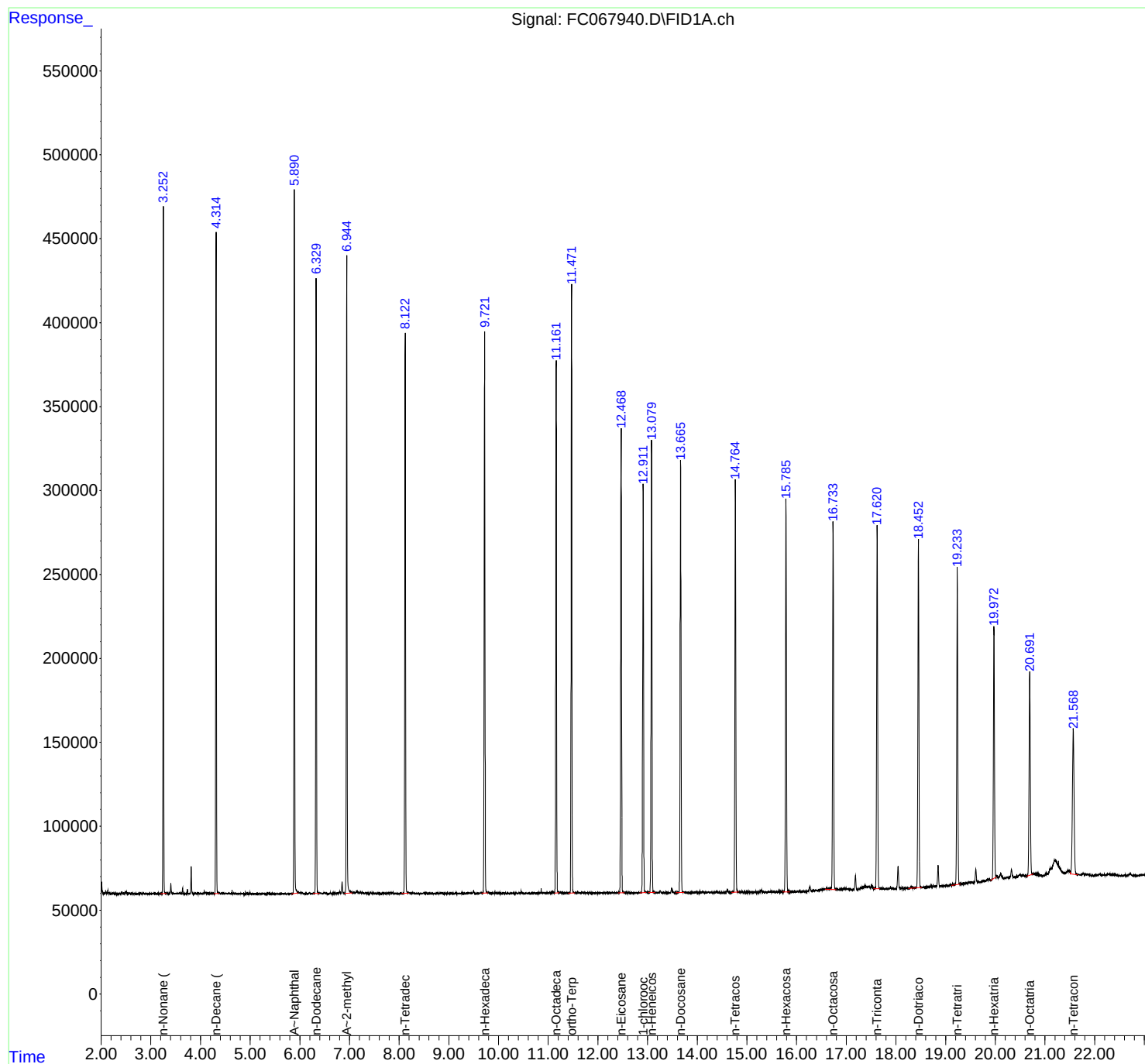
(m)=manual int.

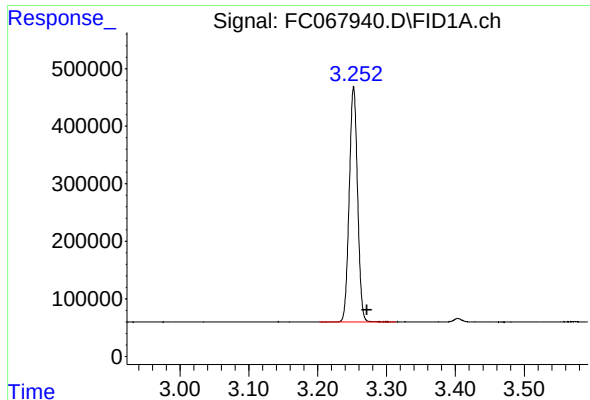
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120924AL\
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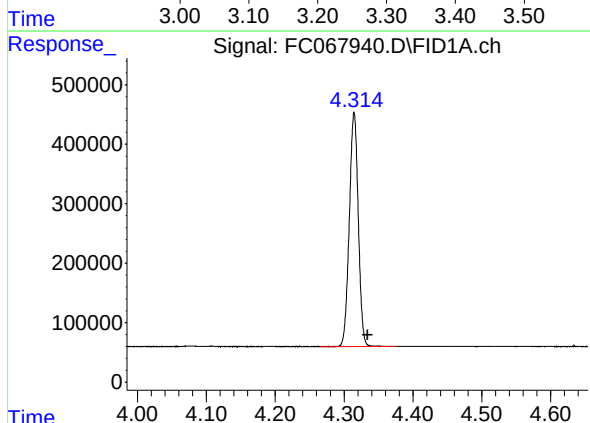




#1 n-Nonane (C9)

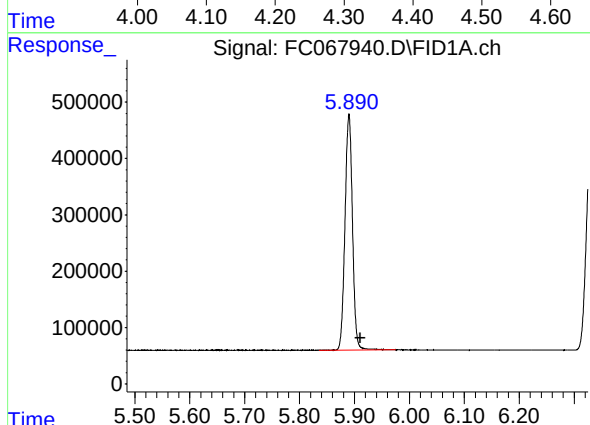
R.T.: 3.252 min
Delta R.T.: -0.020 min
Response: 3433818
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



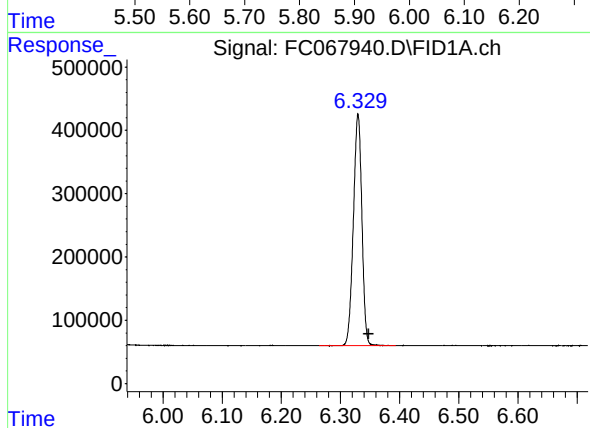
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.020 min
Response: 3570687
Conc: 21.53 ug/ml



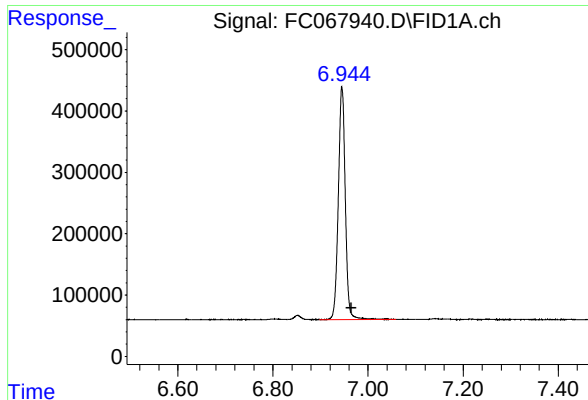
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.021 min
Response: 3946193
Conc: 21.55 ug/ml



#4 n-Dodecane (C12)

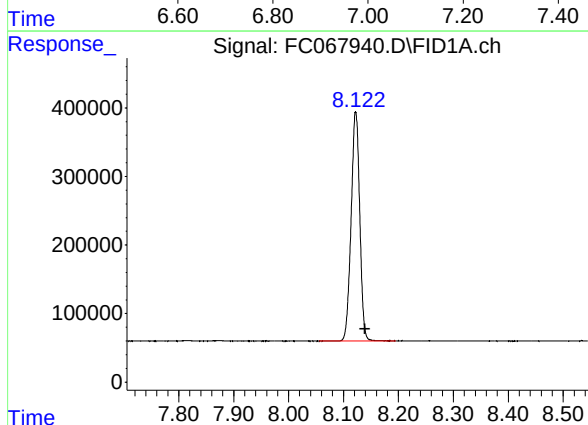
R.T.: 6.330 min
Delta R.T.: -0.018 min
Response: 3661734
Conc: 21.74 ug/ml



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

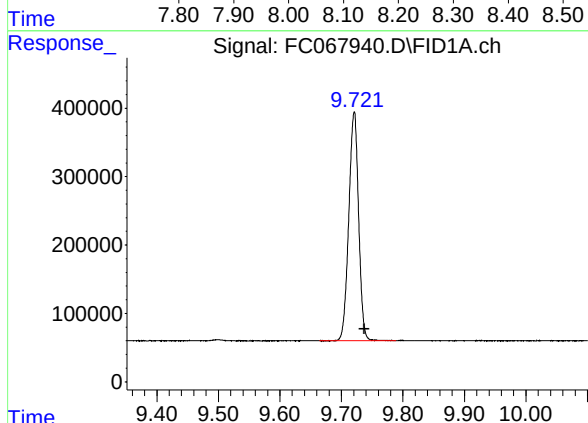
R.T.: 6.945 min
Delta R.T.: -0.020 min
Response: 3834084
Conc: 21.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



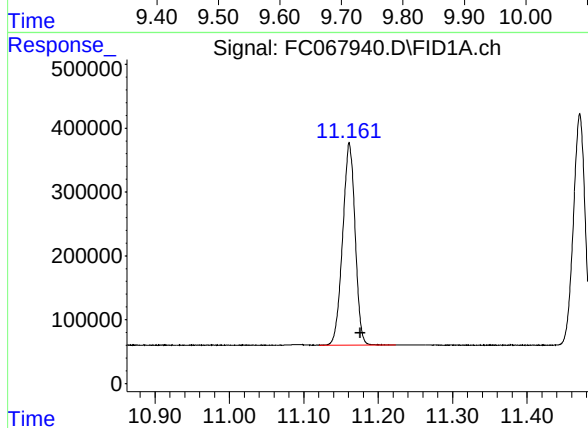
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.017 min
Response: 3646263
Conc: 21.77 ug/ml



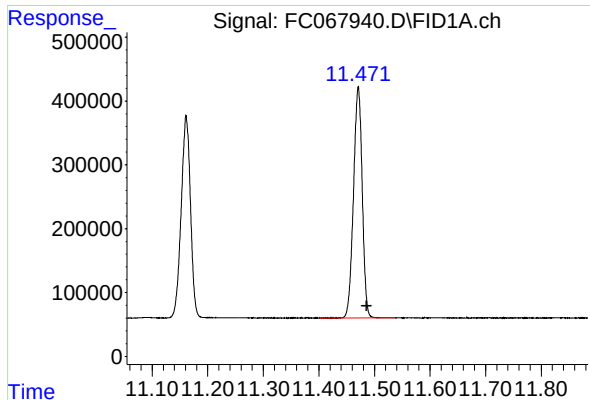
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.017 min
Response: 3716324
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

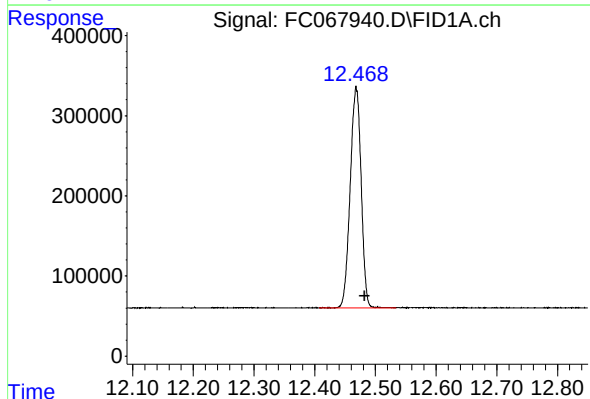
R.T.: 11.161 min
Delta R.T.: -0.015 min
Response: 3686856
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

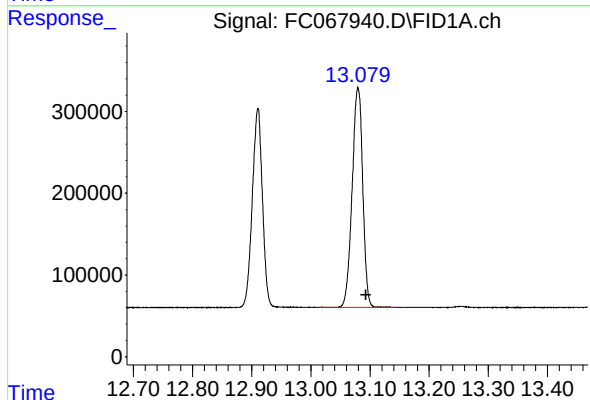
R.T.: 11.471 min
Delta R.T.: -0.016 min
Response: 3952225
Conc: 20.39 ug/ml

Instrument :
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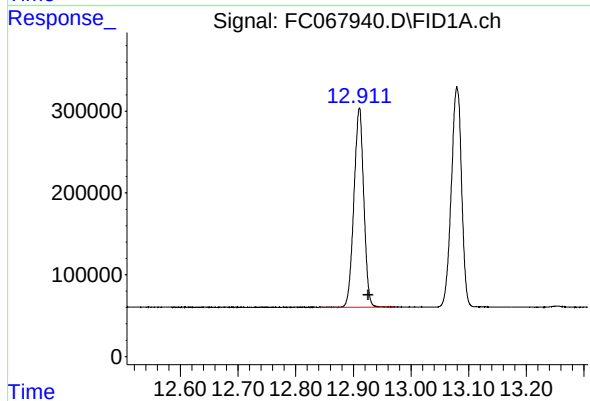
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: -0.014 min
Response: 3447632
Conc: 20.47 ug/ml



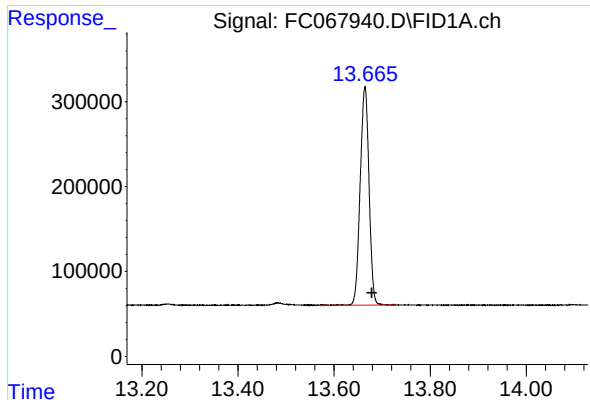
#11 n-Heneicosane (C21)

R.T.: 13.080 min
Delta R.T.: -0.014 min
Response: 3340434
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

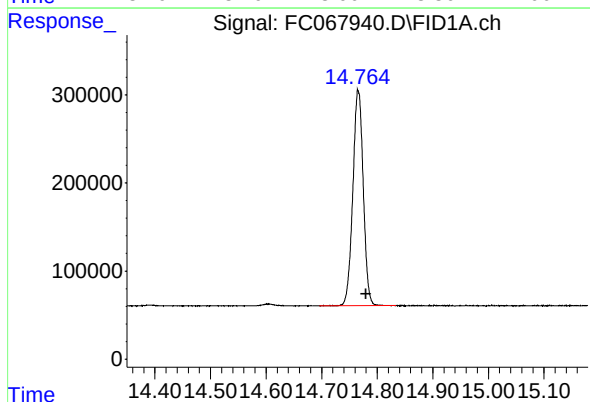
R.T.: 12.910 min
Delta R.T.: -0.015 min
Response: 2892506
Conc: 19.93 ug/ml



#13 n-Docosane (C22)

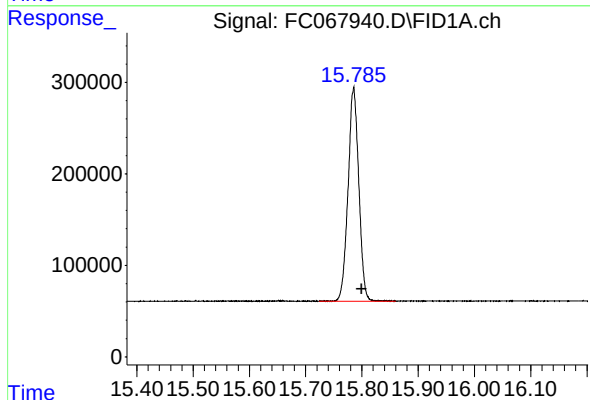
R.T.: 13.664 min
Delta R.T.: -0.014 min
Response: 3281942
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



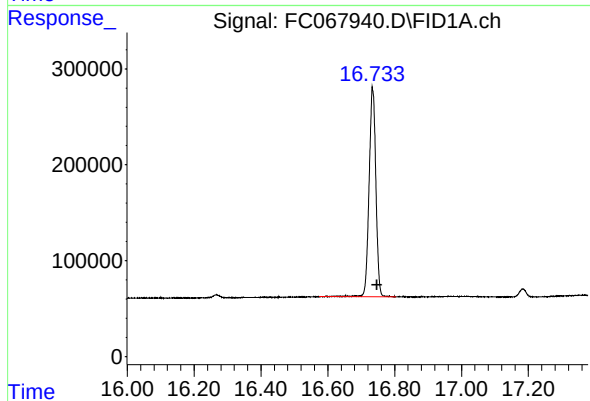
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.014 min
Response: 3188736
Conc: 19.88 ug/ml



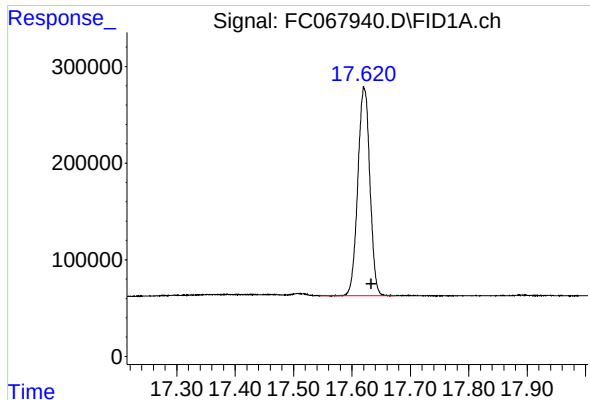
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: -0.014 min
Response: 3096934
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

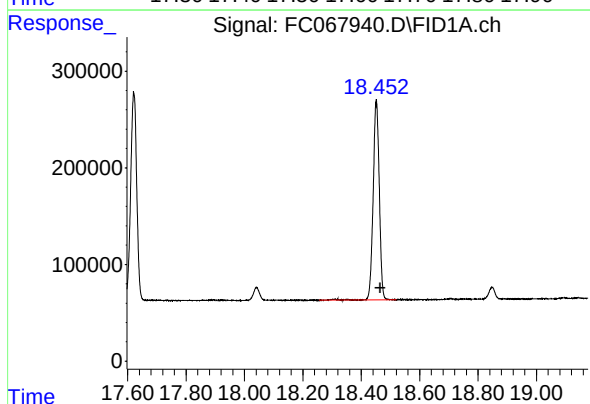
R.T.: 16.734 min
Delta R.T.: -0.013 min
Response: 3070772
Conc: 20.33 ug/ml



#17 n-Tricontane (C30)

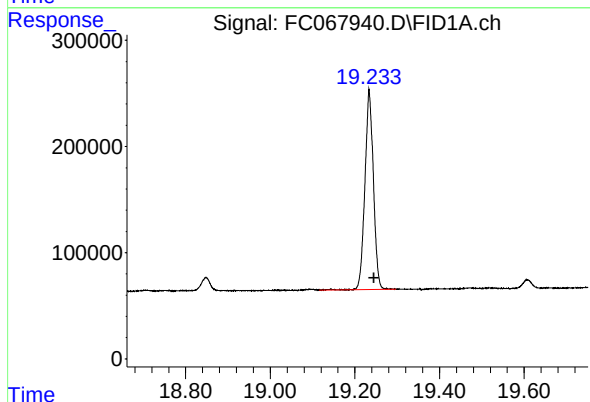
R.T.: 17.621 min
Delta R.T.: -0.012 min
Response: 3090170
Conc: 20.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



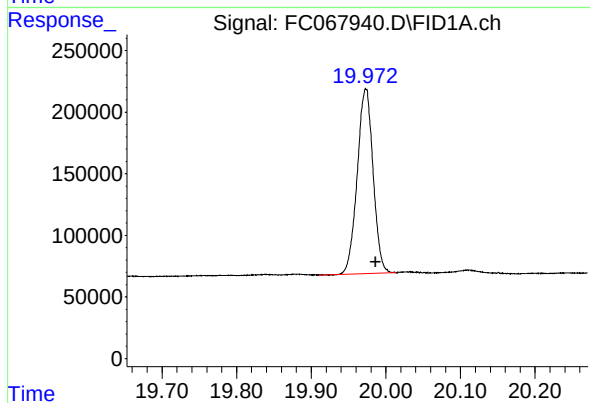
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: -0.013 min
Response: 3006789
Conc: 20.36 ug/ml



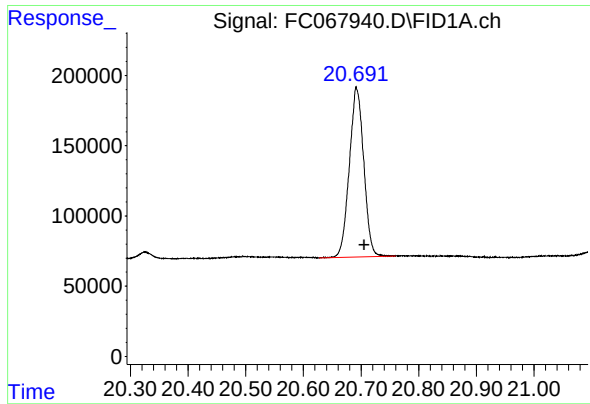
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: -0.012 min
Response: 2619517
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

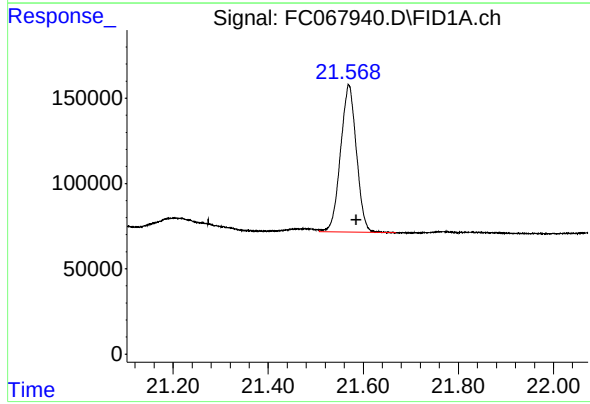
R.T.: 19.973 min
Delta R.T.: -0.013 min
Response: 2217690
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: -0.013 min
Response: 2094445
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.570 min
Delta R.T.: -0.015 min
Response: 2008711
Conc: 20.61 ug/ml