

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121323AL\
 Data File : FC065438.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2023 04:15
 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: autoint1.e
 Quant Time: Dec 14 04:46:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 2023
 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)	11.500	4346572	18.735 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
12) S 1-chlorooctadecane (S...	12.932	3194654	19.293 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.300	3620656	18.082 ug/ml
2) T n-Decane (C10)	4.359	3772997	18.772 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3793022	18.682 ug/ml
4) T n-Dodecane (C12)	6.369	3834745	18.857 ug/ml
5) T A~2-methylnaphthalene...	6.994	3651068	18.785 ug/ml
6) T n-Tetradecane (C14)	8.158	3764311	18.941 ug/ml
7) T n-Hexadecane (C16)	9.752	3786830	19.117 ug/ml
8) T n-Octadecane (C18)	11.187	3762855	18.998 ug/ml
10) T n-Eicosane (C20)	12.489	3607612	19.064 ug/ml
11) T n-Heneicosane (C21)	13.098	3498558	18.934 ug/ml
13) T n-Docosane (C22)	13.681	3500922	19.405 ug/ml
14) T n-Tetracosane (C24)	14.778	3497508	20.173 ug/ml
15) T n-Hexacosane (C26)	15.794	3466494	20.818 ug/ml
16) T n-Octacosane (C28)	16.740	3499111	21.877 ug/ml
17) T n-Tricontane (C30)	17.625	3689853	23.173 ug/ml
18) T n-Dotriacontane (C32)	18.452	3650486	23.221 ug/ml
19) T n-Tetratriacontane (C34)	19.232	3353905	21.734 ug/ml
20) T n-Hexatriacontane (C36)	19.969	3155921	20.588 ug/ml
21) T n-Octatriacontane (C38)	20.687	3132861	20.603 ug/ml
22) T n-Tetracontane (C40)	21.560	2872619	19.163 ug/ml

(f)=RT Delta > 1/2 Window

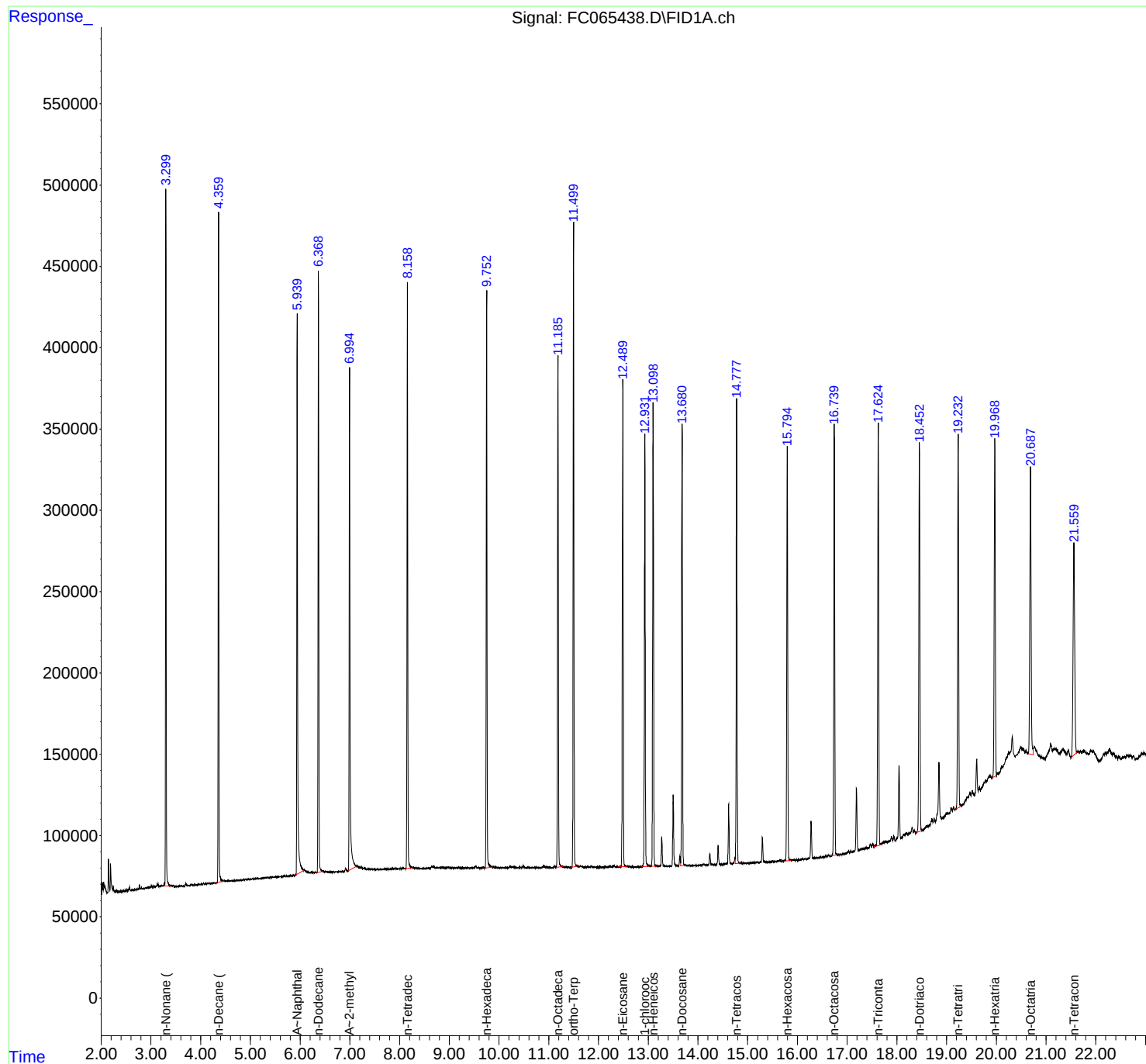
(m)=manual int.

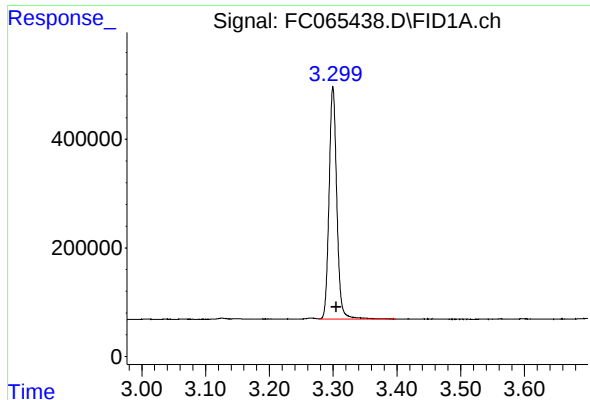
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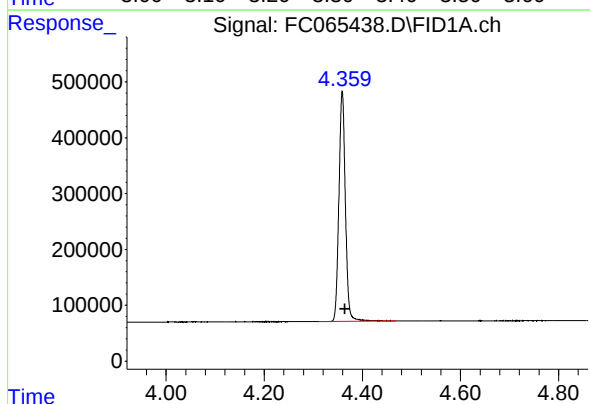




#1 n-Nonane (C9)

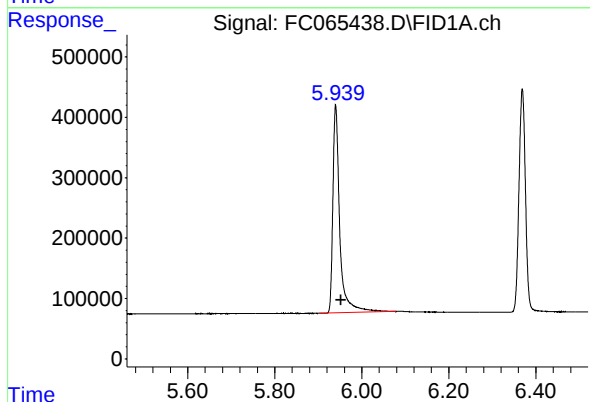
R.T.: 3.300 min
Delta R.T.: -0.005 min
Response: 3620656
Conc: 18.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



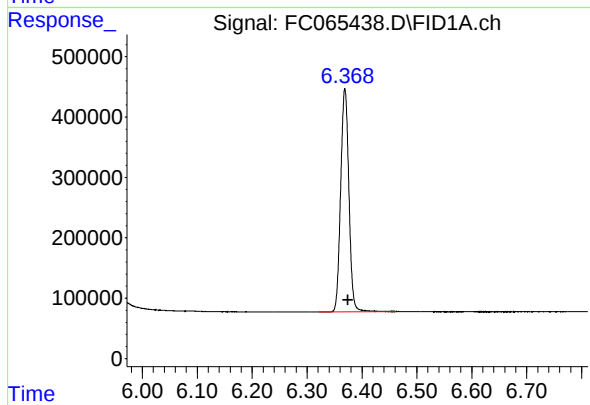
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.006 min
Response: 3772997
Conc: 18.77 ug/ml



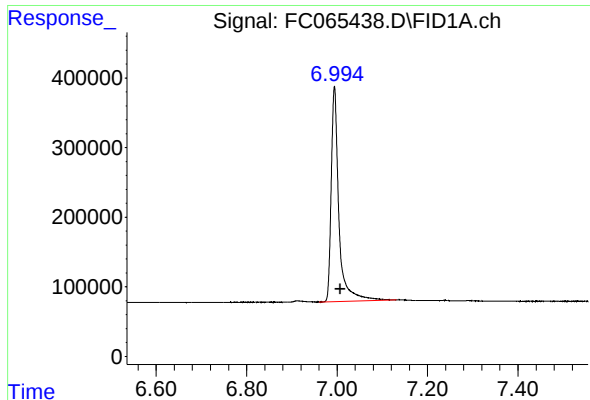
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 3793022
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

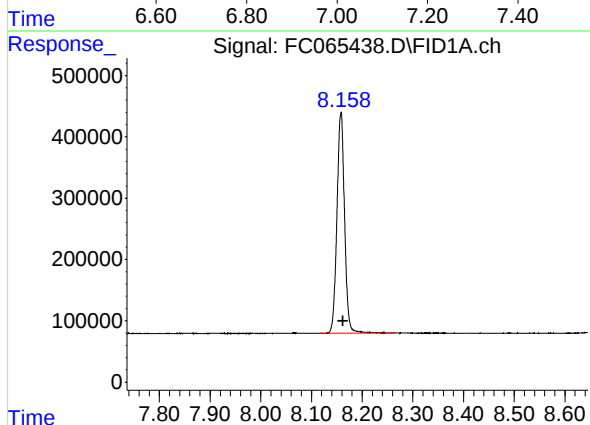
R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 3834745
Conc: 18.86 ug/ml



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

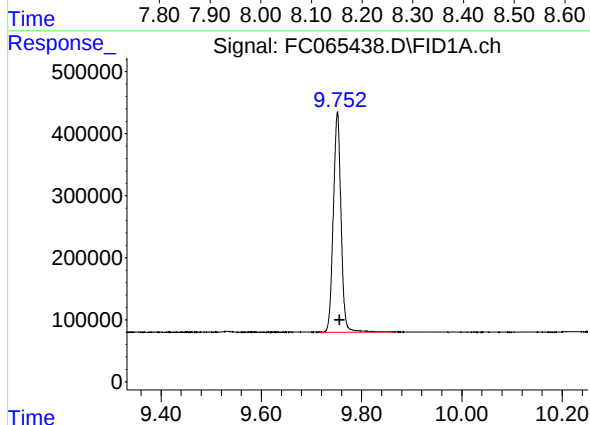
R.T.: 6.994 min
Delta R.T.: -0.012 min
Response: 3651068
Conc: 18.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



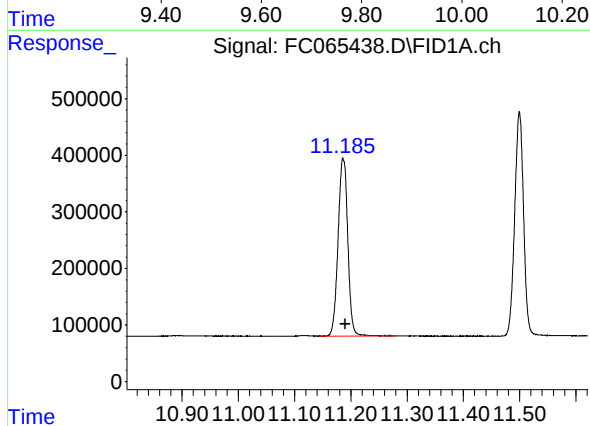
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 3764311
Conc: 18.94 ug/ml



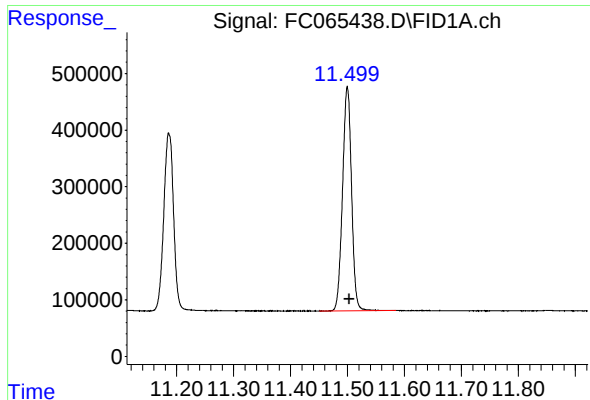
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 3786830
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

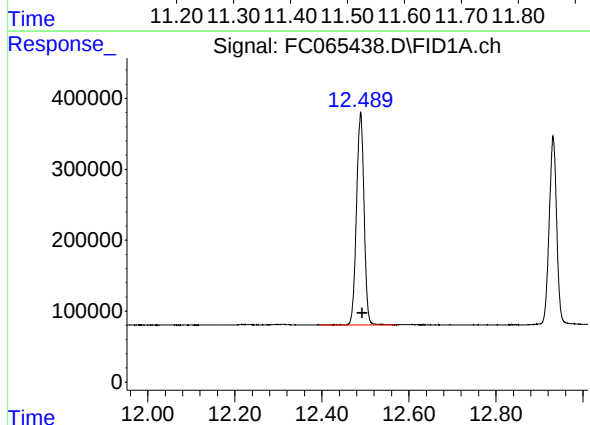
R.T.: 11.187 min
Delta R.T.: -0.004 min
Response: 3762855
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

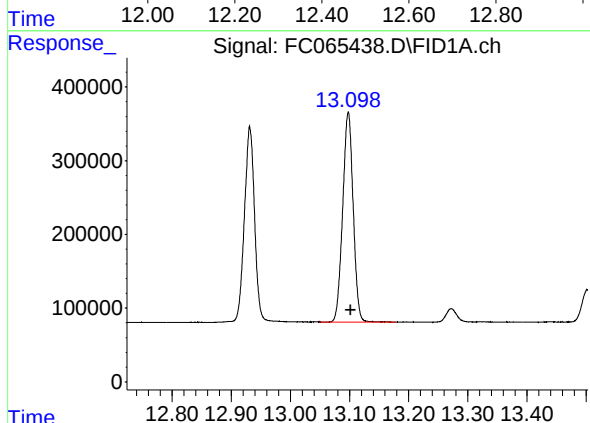
R.T.: 11.500 min
Delta R.T.: -0.003 min
Response: 4346572
Conc: 18.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



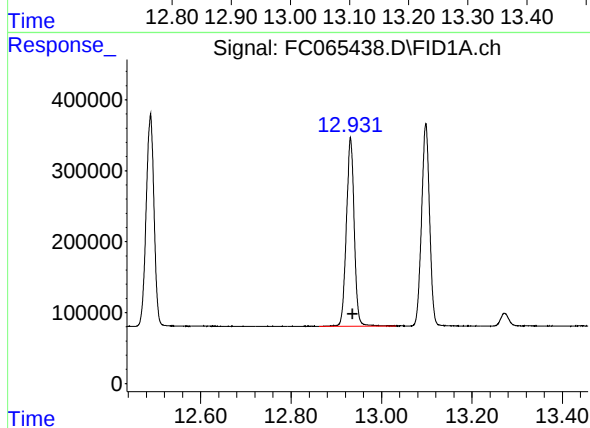
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3607612
Conc: 19.06 ug/ml



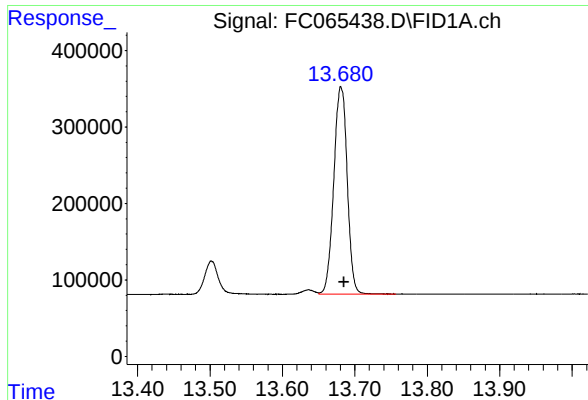
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 3498558
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

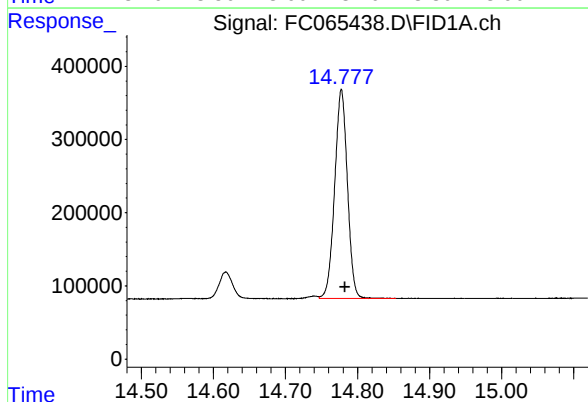
R.T.: 12.932 min
Delta R.T.: -0.005 min
Response: 3194654
Conc: 19.29 ug/ml



#13 n-Docosane (C22)

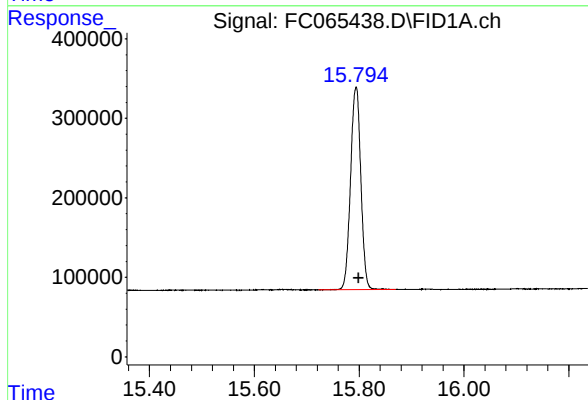
R.T.: 13.681 min
Delta R.T.: -0.004 min
Response: 3500922
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



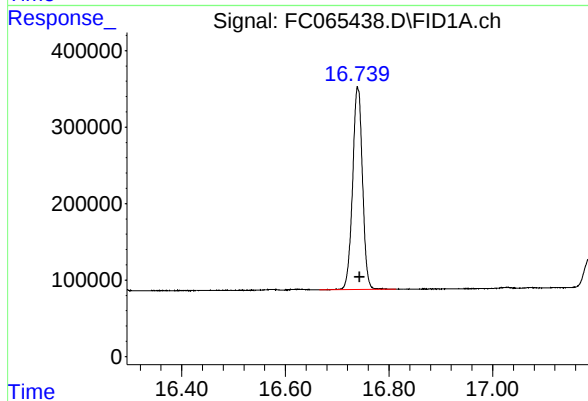
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: -0.005 min
Response: 3497508
Conc: 20.17 ug/ml



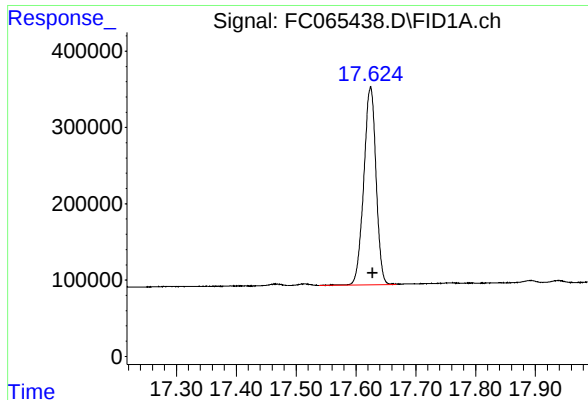
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.005 min
Response: 3466494
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

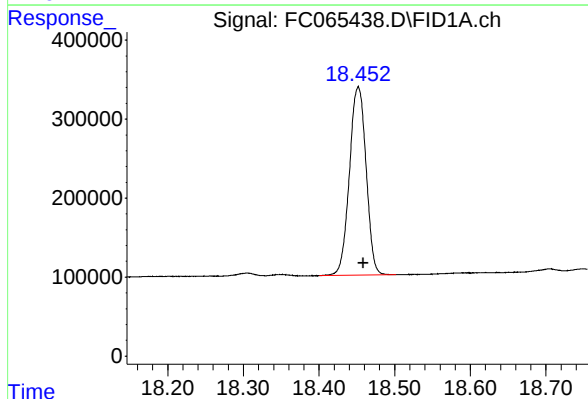
R.T.: 16.740 min
Delta R.T.: -0.004 min
Response: 3499111
Conc: 21.88 ug/ml



#17 n-Tricontane (C30)

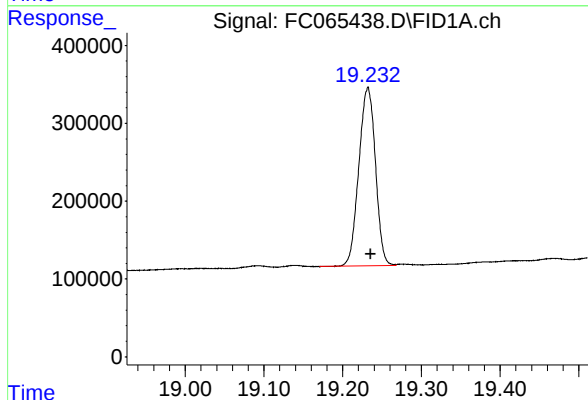
R.T.: 17.625 min
Delta R.T.: -0.003 min
Response: 3689853
Conc: 23.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



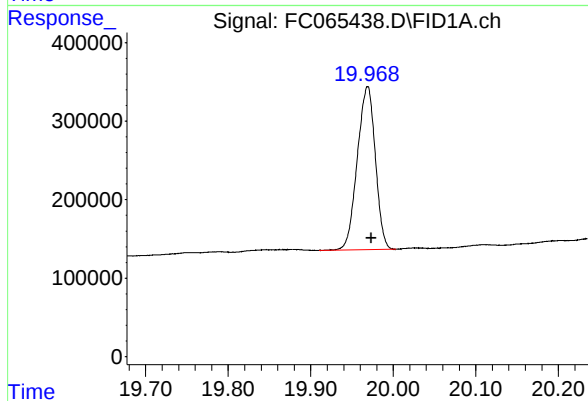
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: -0.007 min
Response: 3650486
Conc: 23.22 ug/ml



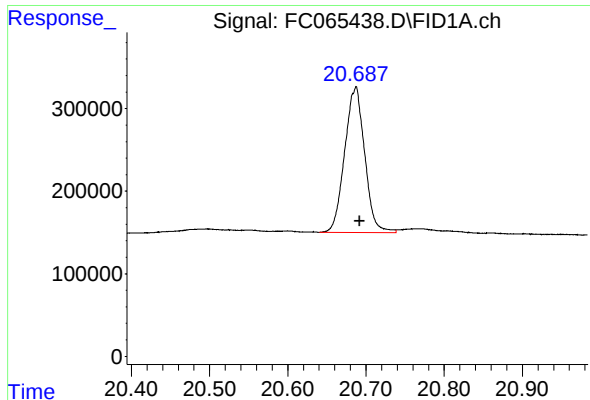
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.003 min
Response: 3353905
Conc: 21.73 ug/ml



#20 n-Hexatriacontane (C36)

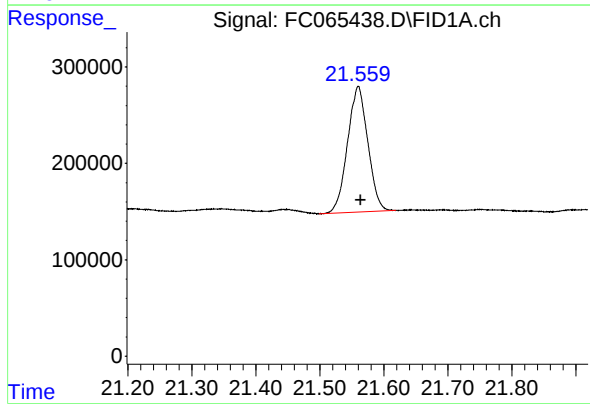
R.T.: 19.969 min
Delta R.T.: -0.004 min
Response: 3155921
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.687 min
Delta R.T.: -0.005 min
Response: 3132861
Conc: 20.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: -0.004 min
Response: 2872619
Conc: 19.16 ug/ml