

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110723AL\
 Data File : FC065057.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 08:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 08 10:23:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.511	4338430	19.713 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
12) S 1-chlorooctadecane (S...	12.943	3125510	19.771 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T n-Nonane (C9)	3.309	3957280	20.931 ug/ml
2) T n-Decane (C10)	4.369	3999941	21.036 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4054816	21.001 ug/ml
4) T n-Dodecane (C12)	6.379	4016524	20.792 ug/ml
5) T A~2-methylnaphthalene...	7.003	3891145	21.175 ug/ml
6) T n-Tetradecane (C14)	8.168	3883739	20.583 ug/ml
7) T n-Hexadecane (C16)	9.762	3848853	20.362 ug/ml
8) T n-Octadecane (C18)	11.197	3768165	19.966 ug/ml
10) T n-Eicosane (C20)	12.501	3547075	19.730 ug/ml
11) T n-Heneicosane (C21)	13.110	3455379	19.681 ug/ml
13) T n-Docosane (C22)	13.693	3382989	19.695 ug/ml
14) T n-Tetracosane (C24)	14.791	3265895	19.608 ug/ml
15) T n-Hexacosane (C26)	15.806	3145932	19.600 ug/ml
16) T n-Octacosane (C28)	16.752	3105665	19.844 ug/ml
17) T n-Tricontane (C30)	17.637	3199022	20.197 ug/ml
18) T n-Dotriacontane (C32)	18.465	3208982	20.324 ug/ml
19) T n-Tetratriacontane (C34)	19.245	3093669	20.268 ug/ml
20) T n-Hexatriacontane (C36)	19.983	2996222	19.858 ug/ml
21) T n-Octatriacontane (C38)	20.700	2973765	19.983 ug/ml
22) T n-Tetracontane (C40)	21.583	2966588	20.170 ug/ml

(f)=RT Delta > 1/2 Window

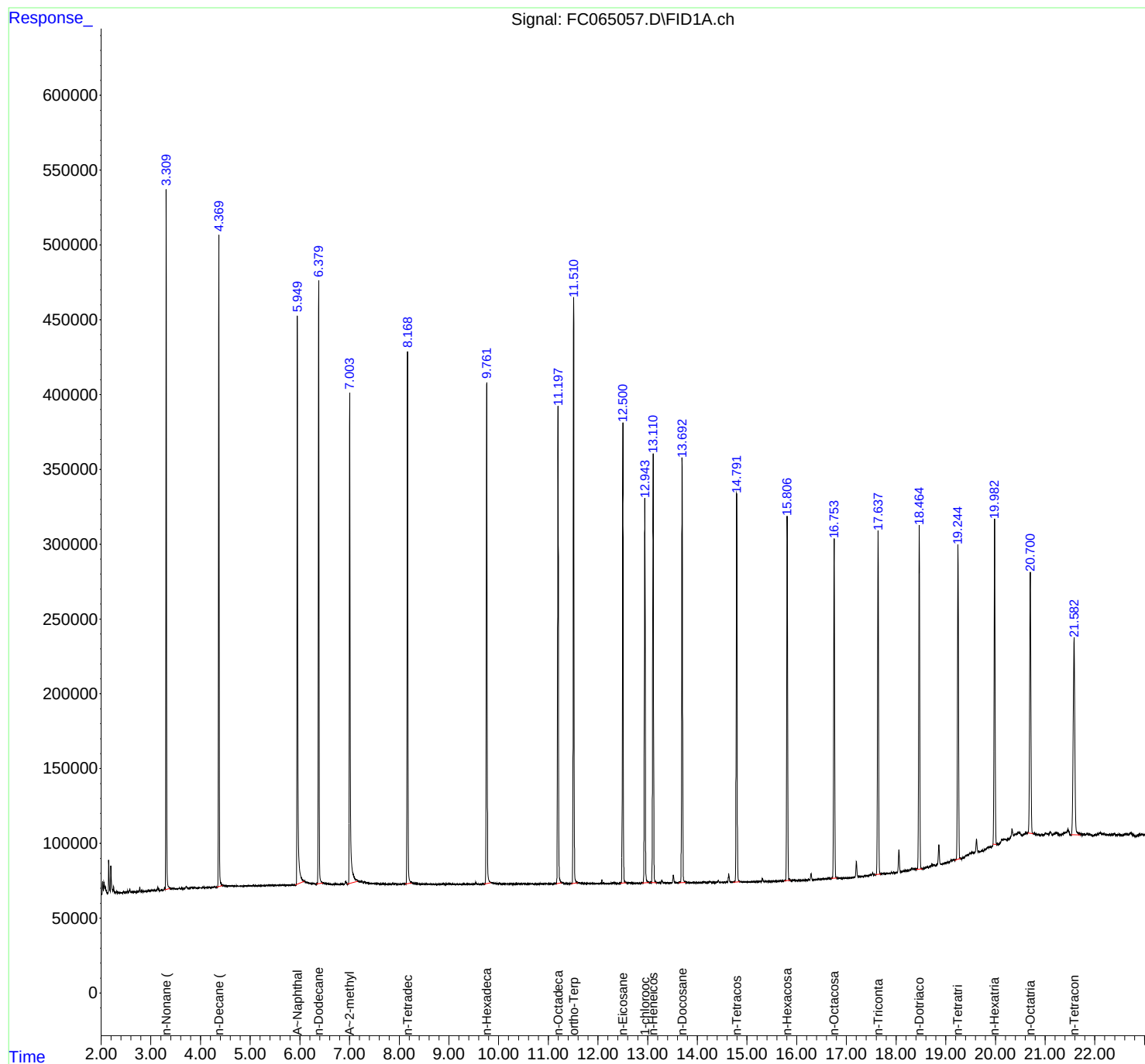
(m)=manual int.

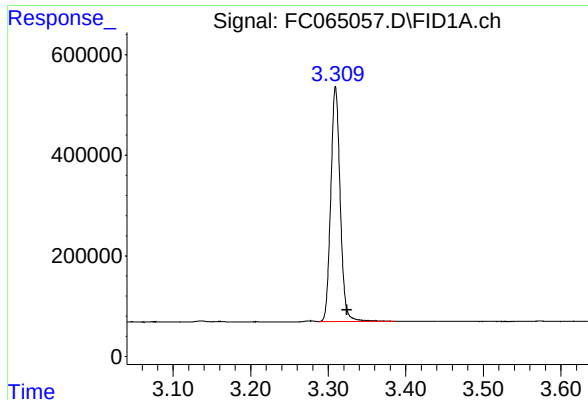
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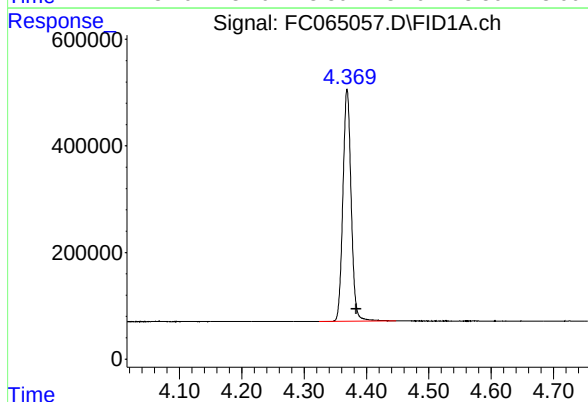




#1 n-Nonane (C9)

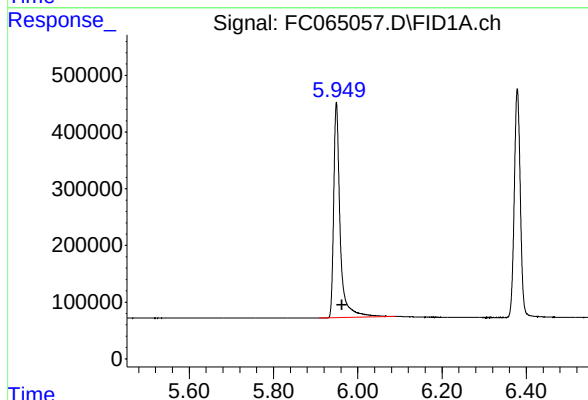
R.T.: 3.309 min
Delta R.T.: -0.014 min
Response: 3957280
Conc: 20.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



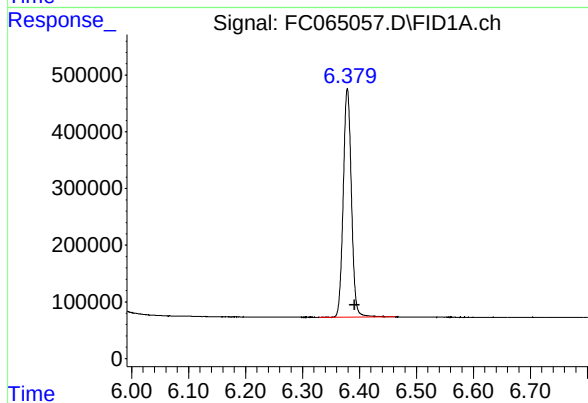
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 3999941
Conc: 21.04 ug/ml



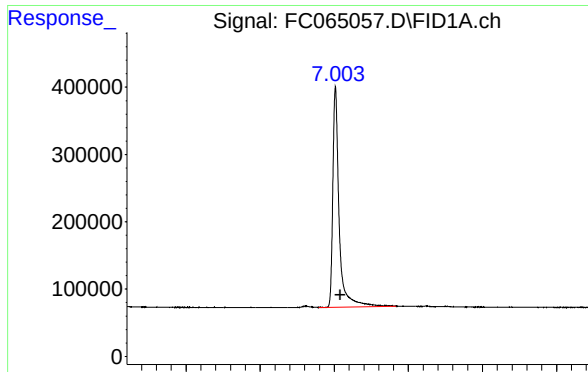
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.013 min
Response: 4054816
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

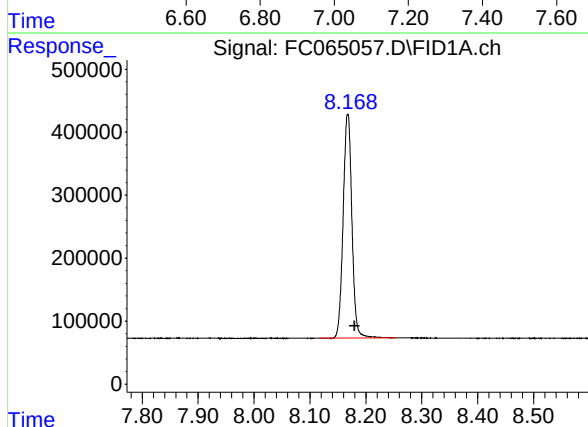
R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 4016524
Conc: 20.79 ug/ml



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

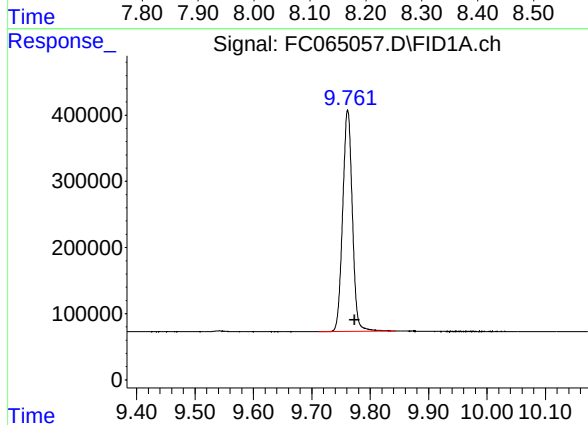
R.T.: 7.003 min
Delta R.T.: -0.012 min
Response: 3891145
Conc: 21.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



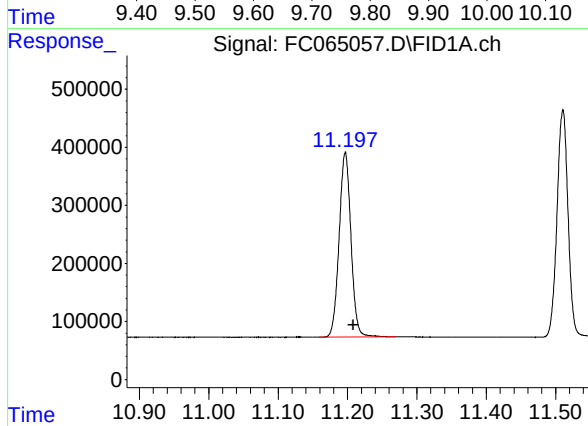
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.012 min
Response: 3883739
Conc: 20.58 ug/ml



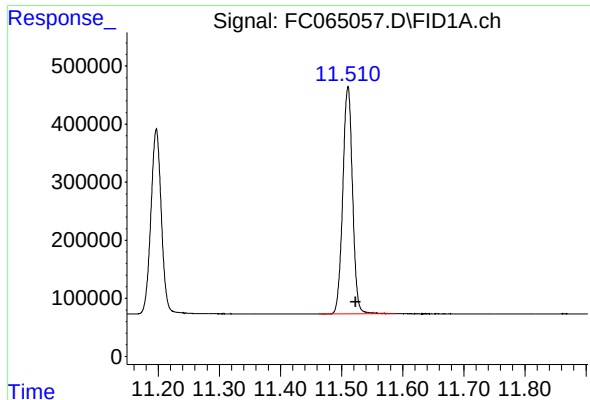
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.012 min
Response: 3848853
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

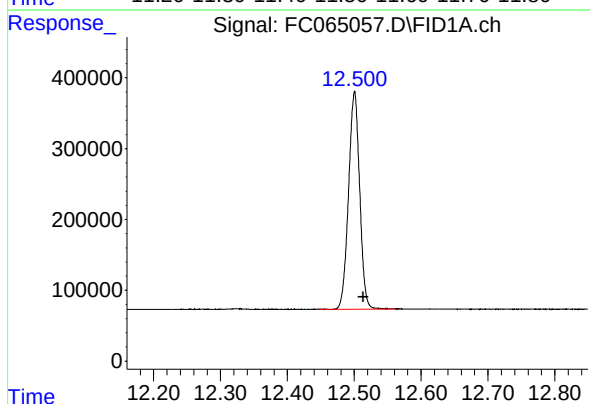
R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 3768165
Conc: 19.97 ug/ml



#9 ortho-Terphenyl (SURR)

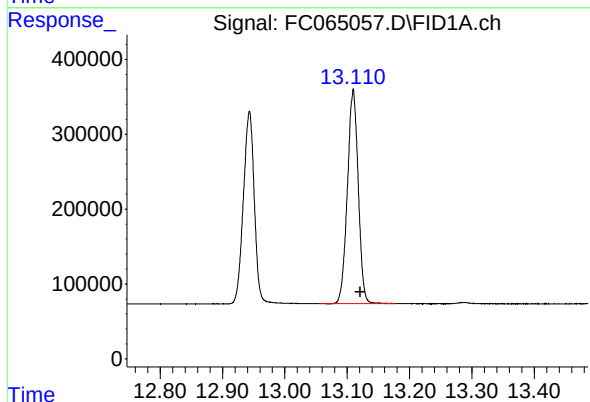
R.T.: 11.511 min
Delta R.T.: -0.012 min
Response: 4338430
Conc: 19.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



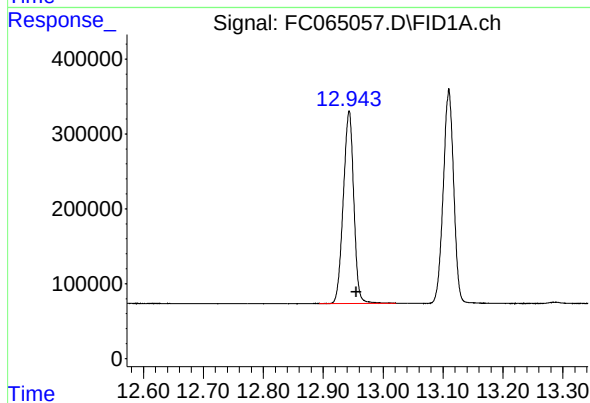
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.013 min
Response: 3547075
Conc: 19.73 ug/ml



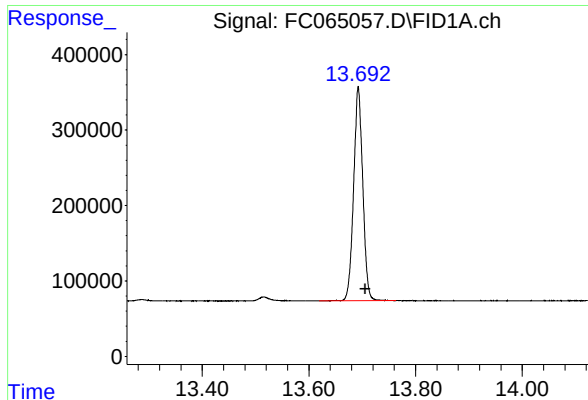
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.012 min
Response: 3455379
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

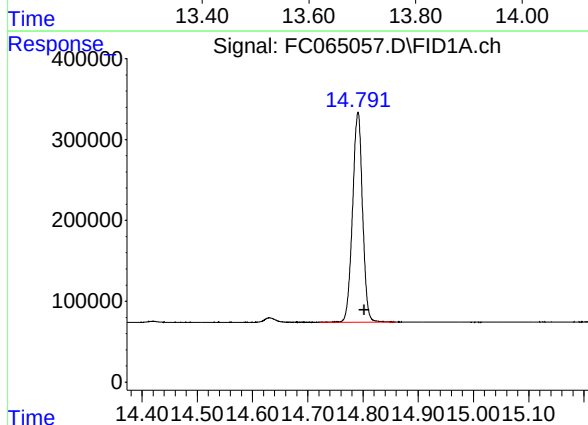
R.T.: 12.943 min
Delta R.T.: -0.012 min
Response: 3125510
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

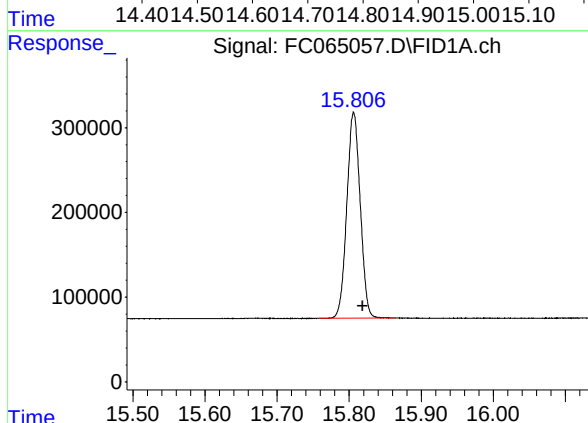
R.T.: 13.693 min
Delta R.T.: -0.013 min
Response: 3382989
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



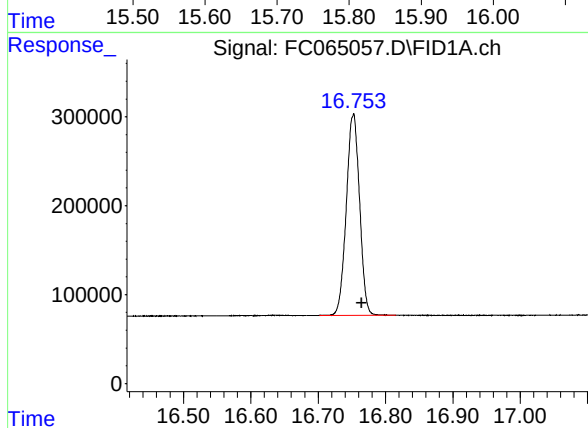
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: -0.011 min
Response: 3265895
Conc: 19.61 ug/ml



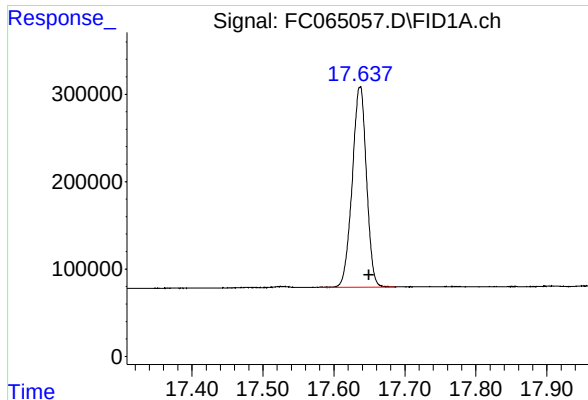
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.012 min
Response: 3145932
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

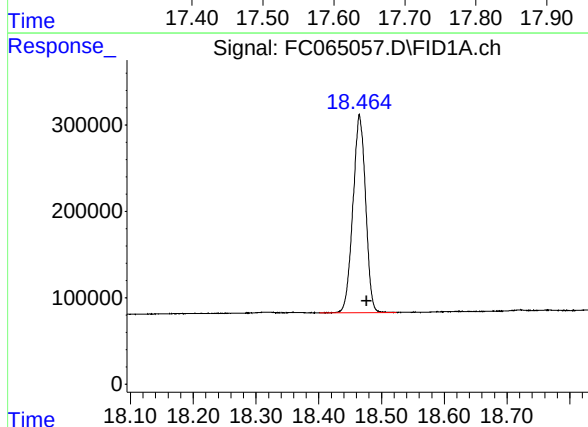
R.T.: 16.752 min
Delta R.T.: -0.012 min
Response: 3105665
Conc: 19.84 ug/ml



#17 n-Tricontane (C30)

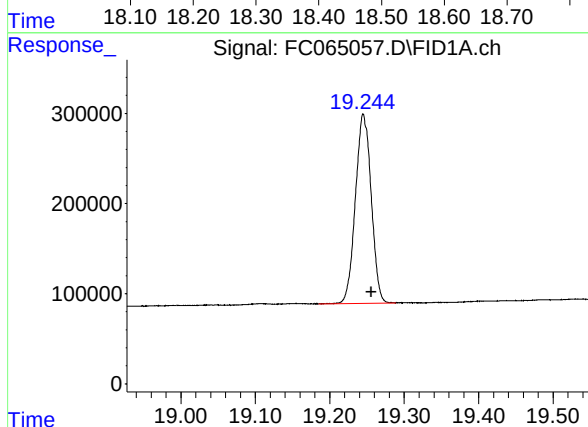
R.T.: 17.637 min
Delta R.T.: -0.012 min
Response: 3199022
Conc: 20.20 ug/ml

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20 PPM ALIPHATIC HC STD



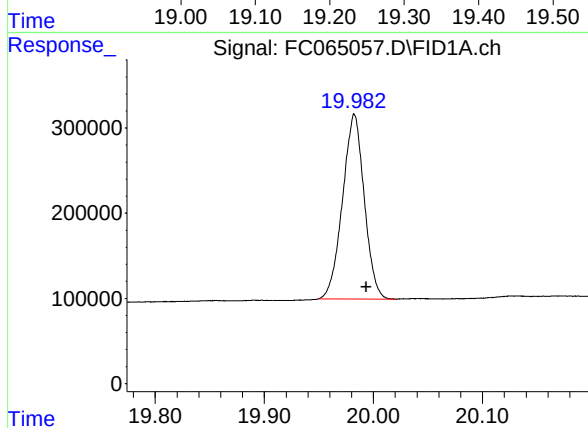
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.012 min
Response: 3208982
Conc: 20.32 ug/ml



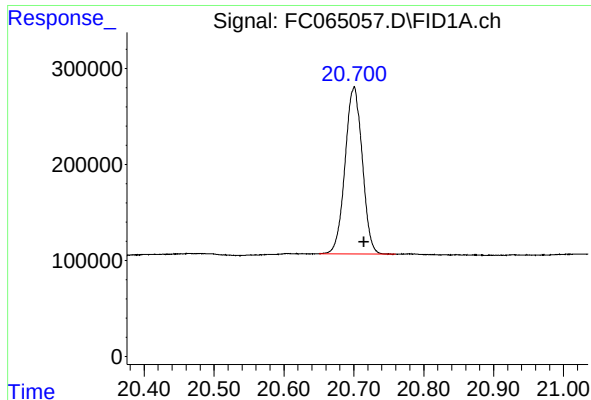
#19 n-Tetatriacontane (C34)

R.T.: 19.245 min
Delta R.T.: -0.011 min
Response: 3093669
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

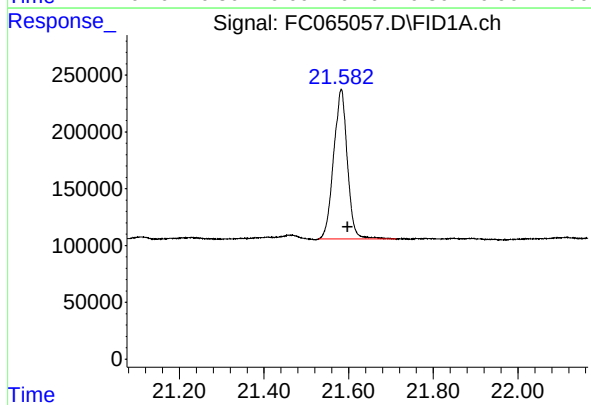
R.T.: 19.983 min
Delta R.T.: -0.011 min
Response: 2996222
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 2973765
Conc: 19.98 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: -0.015 min
Response: 2966588
Conc: 20.17 ug/ml