

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091823AL\
 Data File : FC064611.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2023 23:50
 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: Sep 19 00:35:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.503	4341296	21.455 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
12) S 1-chlorooctadecane (S...	12.938	3185767	21.872 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
Target Compounds			
1) T n-Nonane (C9)	3.300	3647741	20.642 ug/ml
2) T n-Decane (C10)	4.359	3714467	20.676 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3919400	20.863 ug/ml
4) T n-Dodecane (C12)	6.369	3759940	20.700 ug/ml
5) T A~2-methylnaphthalene...	6.991	3738555	20.964 ug/ml
6) T n-Tetradecane (C14)	8.157	3670797	20.688 ug/ml
7) T n-Hexadecane (C16)	9.753	3696304	20.563 ug/ml
8) T n-Octadecane (C18)	11.190	3708162	20.481 ug/ml
10) T n-Eicosane (C20)	12.495	3564119	20.924 ug/ml
11) T n-Heneicosane (C21)	13.105	3501890	21.143 ug/ml
13) T n-Docosane (C22)	13.687	3438721	21.108 ug/ml
14) T n-Tetracosane (C24)	14.786	3343344	21.059 ug/ml
15) T n-Hexacosane (C26)	15.804	3212956	21.048 ug/ml
16) T n-Octacosane (C28)	16.750	3083388	20.834 ug/ml
17) T n-Tricontane (C30)	17.635	3041751	20.475 ug/ml
18) T n-Dotriacontane (C32)	18.464	2968008	20.337 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2850484	20.050 ug/ml
20) T n-Hexatriacontane (C36)	19.981	2776092	20.155 ug/ml
21) T n-Octatriacontane (C38)	20.701	2725043	19.884 ug/ml
22) T n-Tetracontane (C40)	21.580	2661722	19.568 ug/ml

(f)=RT Delta > 1/2 Window

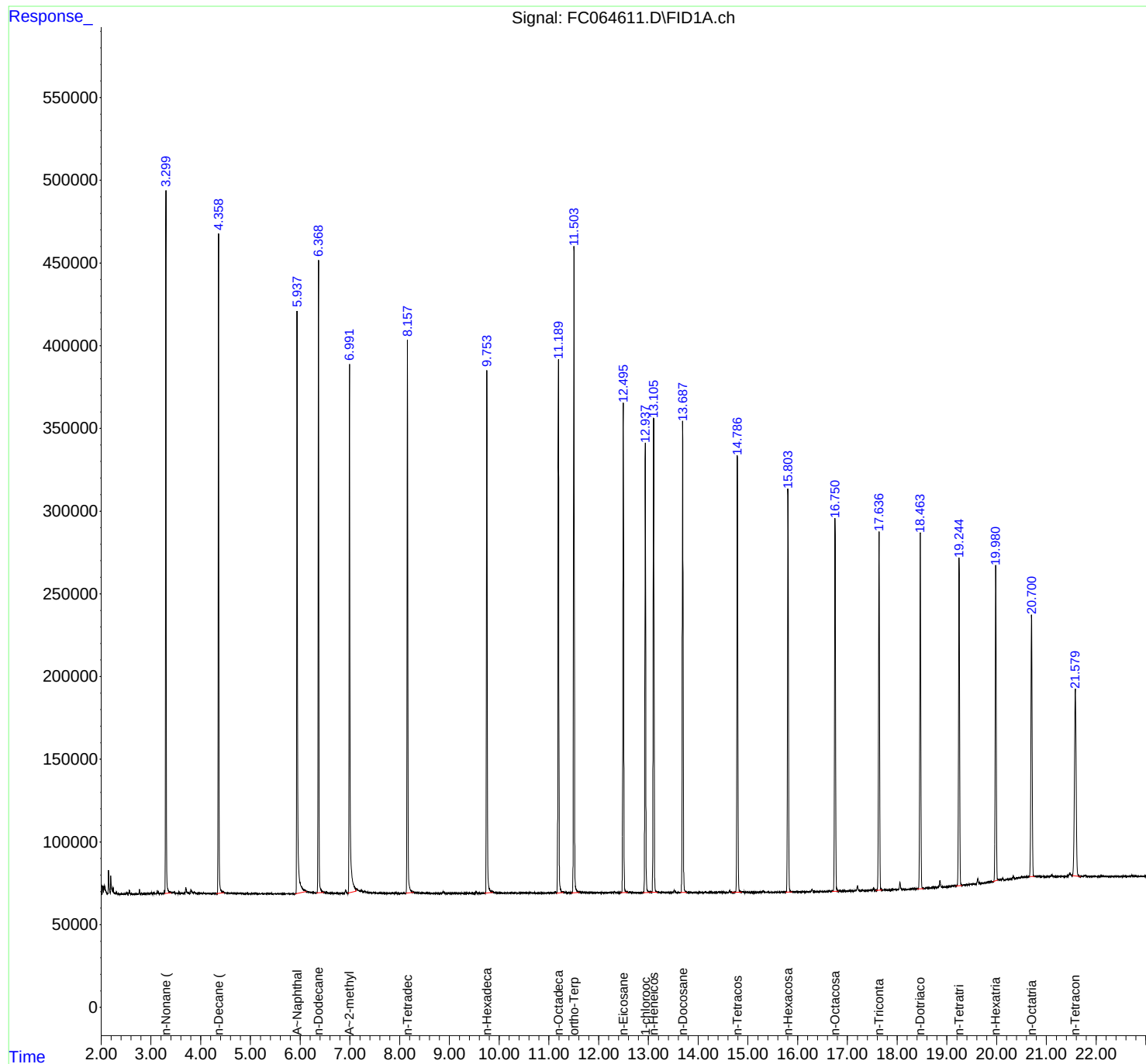
(m)=manual int.

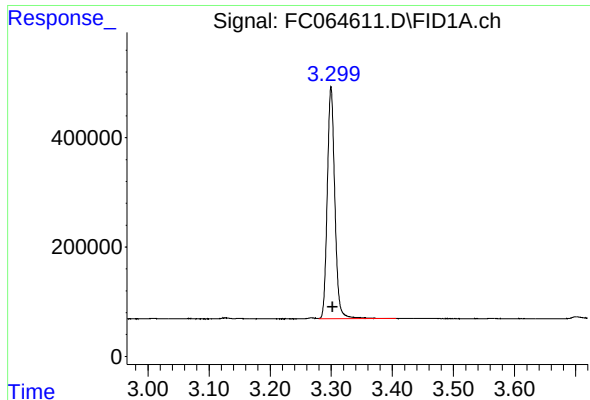
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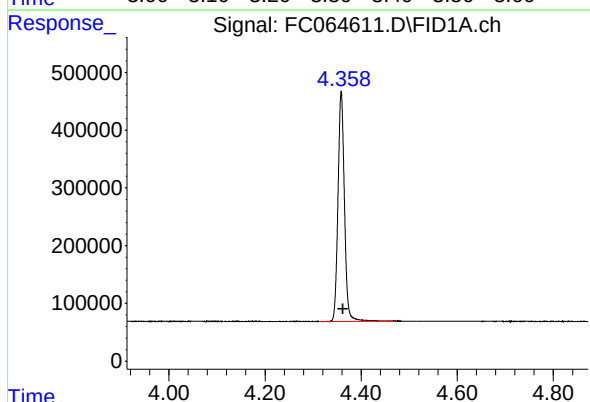




#1 n-Nonane (C9)

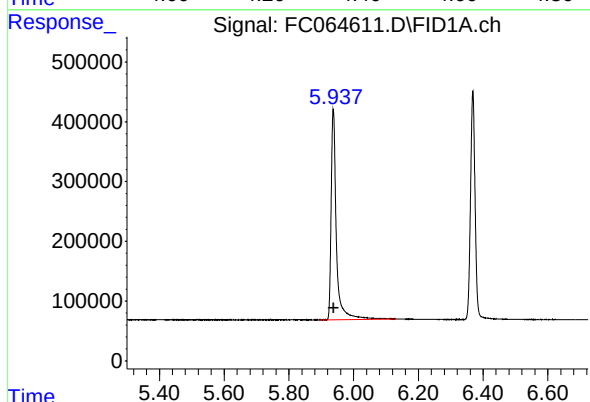
R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 3647741
Conc: 20.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



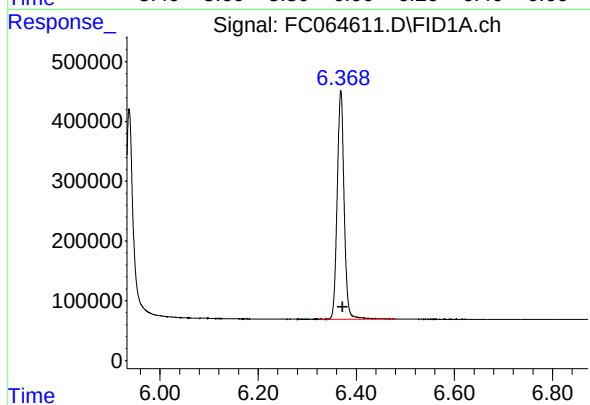
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.004 min
Response: 3714467
Conc: 20.68 ug/ml



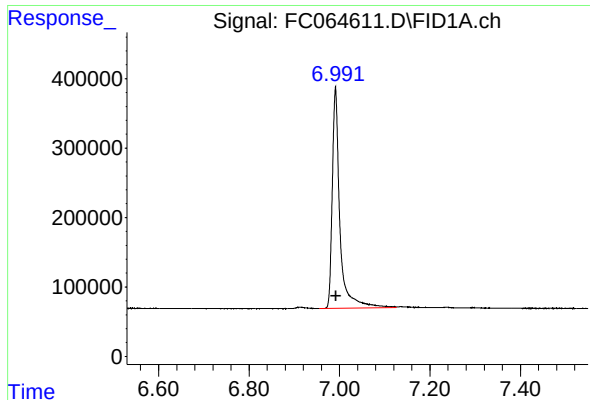
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 3919400
Conc: 20.86 ug/ml



#4 n-Dodecane (C12)

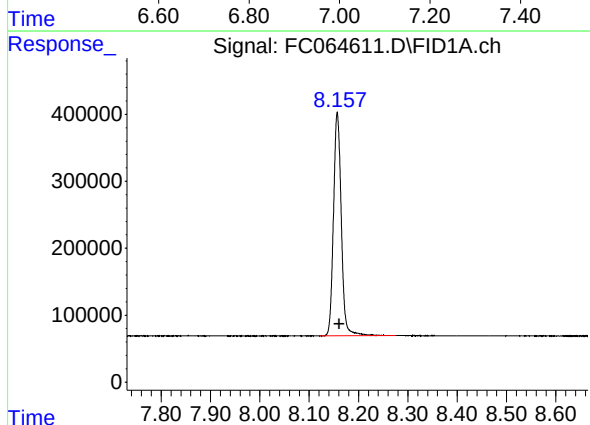
R.T.: 6.369 min
Delta R.T.: -0.004 min
Response: 3759940
Conc: 20.70 ug/ml



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

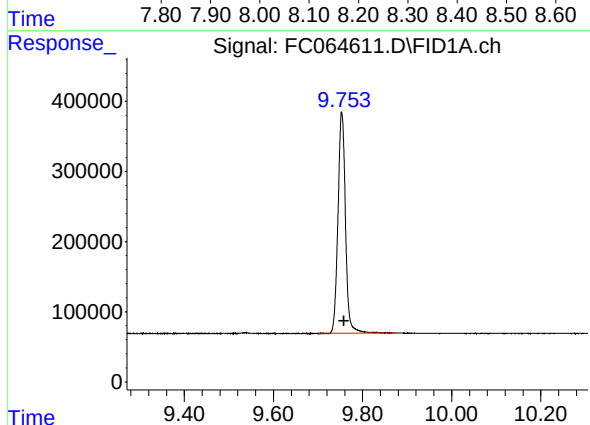
R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 3738555
Conc: 20.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



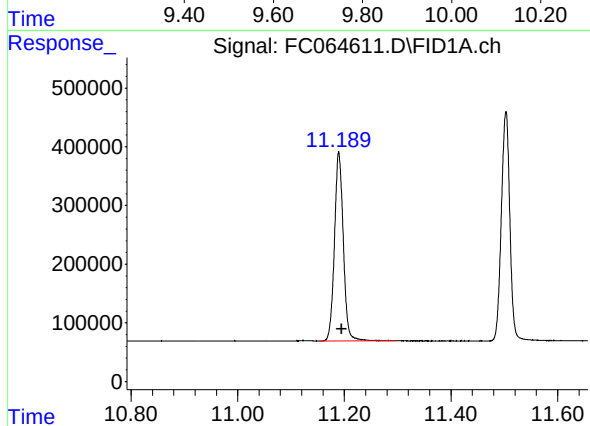
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 3670797
Conc: 20.69 ug/ml



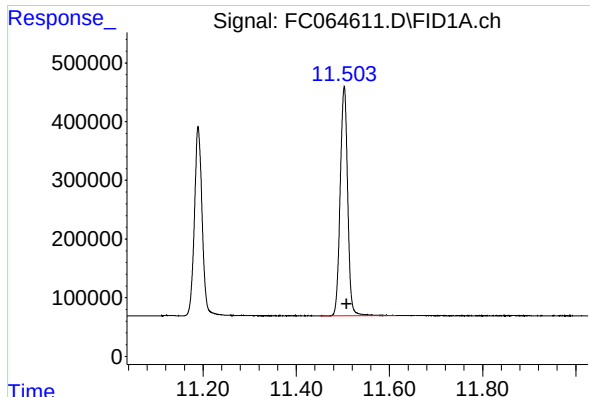
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: -0.005 min
Response: 3696304
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

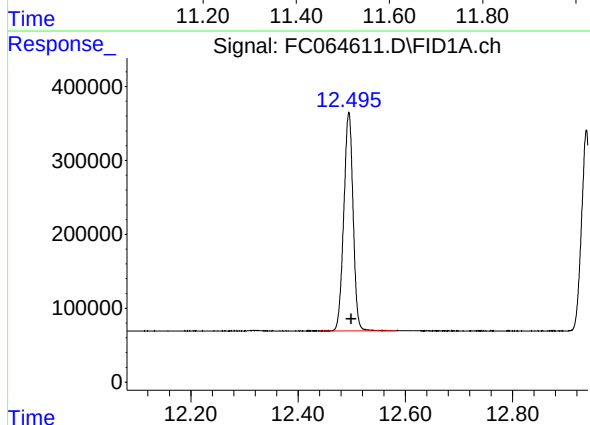
R.T.: 11.190 min
Delta R.T.: -0.006 min
Response: 3708162
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

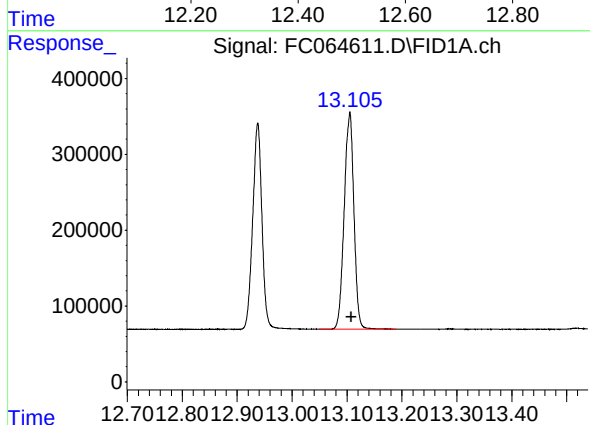
R.T.: 11.503 min
Delta R.T.: -0.005 min
Response: 4341296
Conc: 21.46 ug/ml

Instrument :
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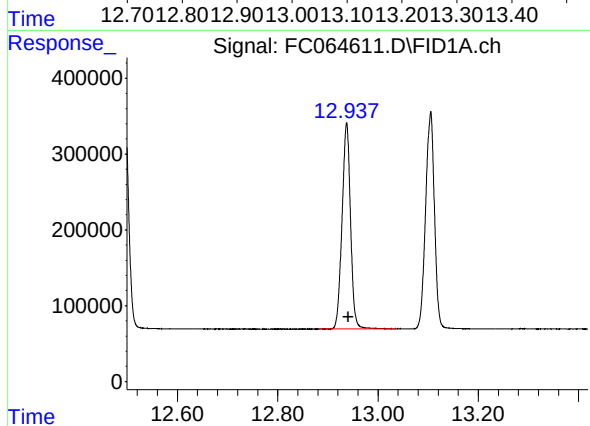
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 3564119
Conc: 20.92 ug/ml



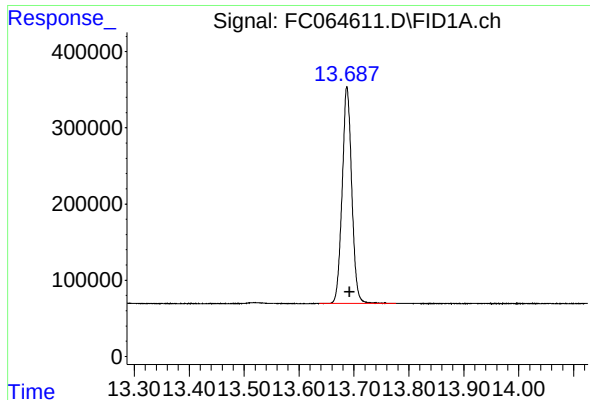
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.003 min
Response: 3501890
Conc: 21.14 ug/ml



#12 1-chlorooctadecane (SURR)

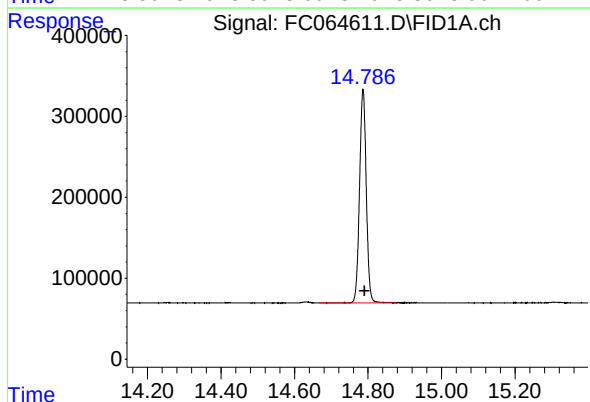
R.T.: 12.938 min
Delta R.T.: -0.003 min
Response: 3185767
Conc: 21.87 ug/ml



#13 n-Docosane (C22)

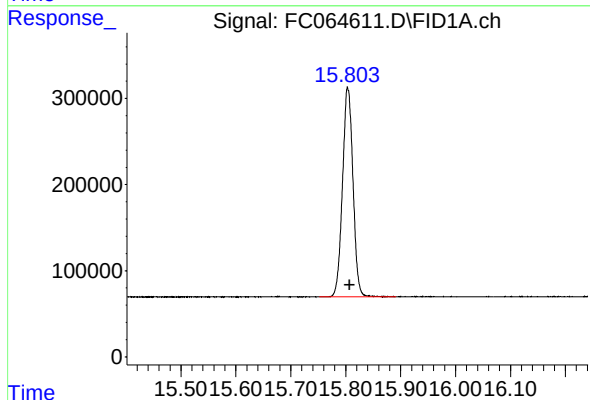
R.T.: 13.687 min
Delta R.T.: -0.005 min
Response: 3438721
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



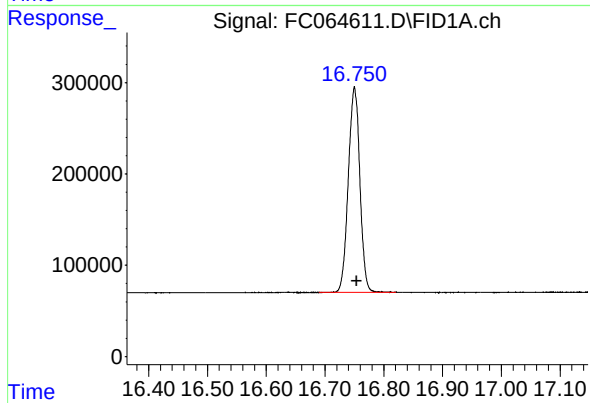
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.004 min
Response: 3343344
Conc: 21.06 ug/ml



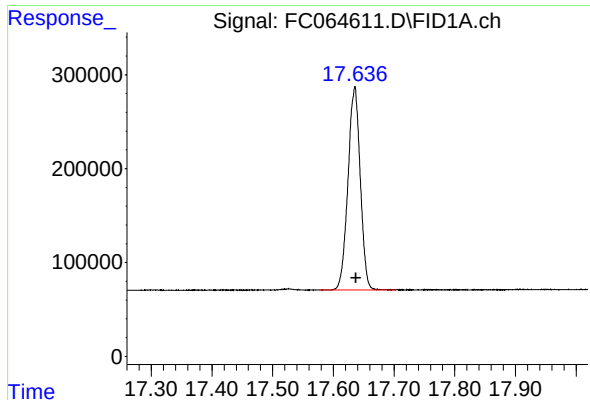
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 3212956
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

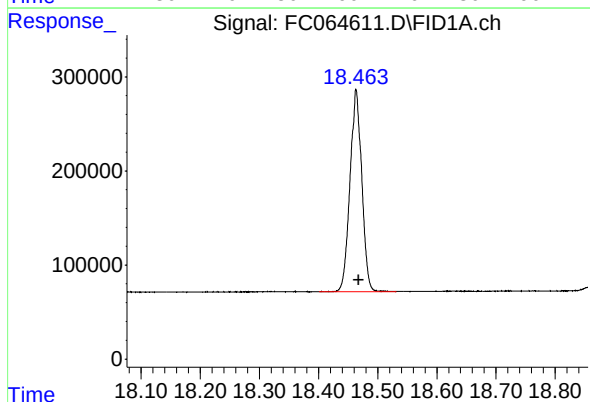
R.T.: 16.750 min
Delta R.T.: -0.003 min
Response: 3083388
Conc: 20.83 ug/ml



#17 n-Tricontane (C30)

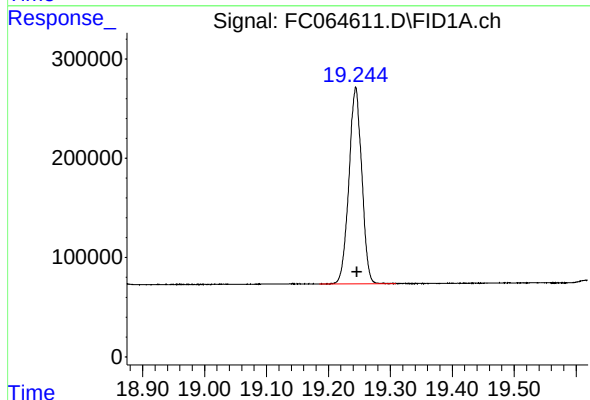
R.T.: 17.635 min
Delta R.T.: -0.002 min
Response: 3041751
Conc: 20.48 ug/ml

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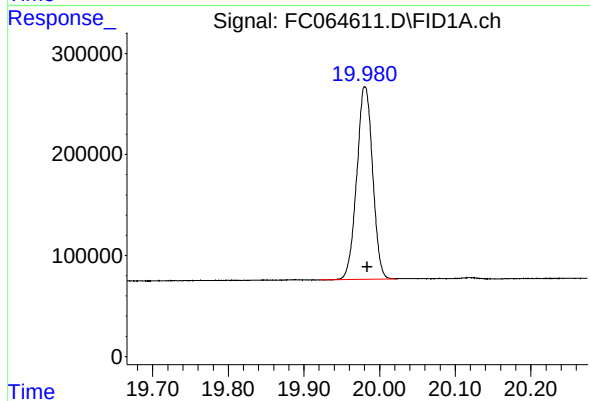
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: -0.004 min
Response: 2968008
Conc: 20.34 ug/ml



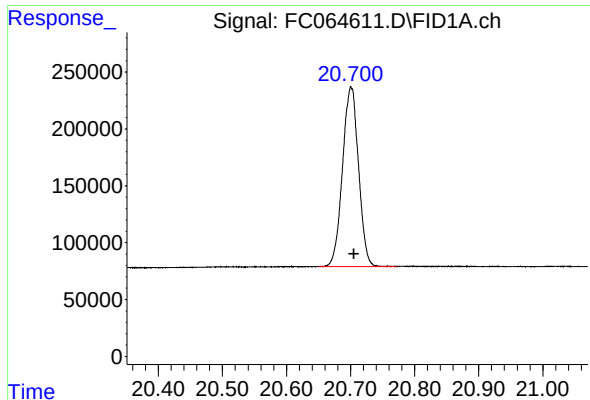
#19 n-Tetatriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.002 min
Response: 2850484
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

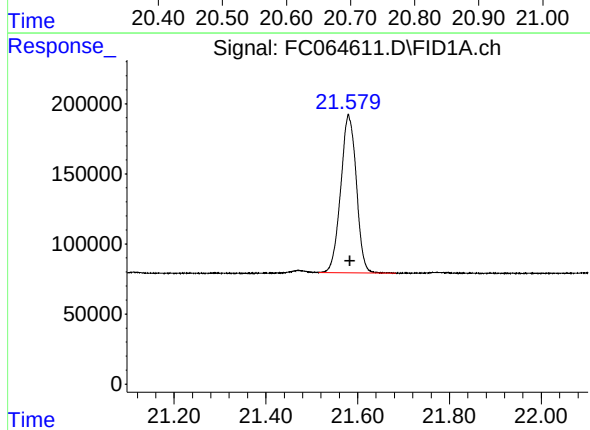
R.T.: 19.981 min
Delta R.T.: -0.003 min
Response: 2776092
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.004 min
Response: 2725043
Conc: 19.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.003 min
Response: 2661722
Conc: 19.57 ug/ml