

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080724AL\
 Data File : FC066961.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2024 00:03
 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: Aug 08 02:13:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.513	3014242	19.579 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	12.951	2264514	20.252 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
Target Compounds			
1) T n-Nonane (C9)	3.281	2655151	18.712 ug/ml
2) T n-Decane (C10)	4.347	2806897	18.988 ug/ml
3) T A~Naphthalene (C11.7)	5.927	2998106	18.774 ug/ml
4) T n-Dodecane (C12)	6.365	2855176	19.045 ug/ml
5) T A~2-methylnaphthalene...	6.984	2891903	18.864 ug/ml
6) T n-Tetradecane (C14)	8.159	2833155	19.364 ug/ml
7) T n-Hexadecane (C16)	9.759	2941989	19.657 ug/ml
8) T n-Octadecane (C18)	11.201	2971705	20.025 ug/ml
10) T n-Eicosane (C20)	12.509	2798848	20.080 ug/ml
11) T n-Heneicosane (C21)	13.120	2710263	19.898 ug/ml
13) T n-Docosane (C22)	13.706	2686926	20.004 ug/ml
14) T n-Tetracosane (C24)	14.807	2622878	19.719 ug/ml
15) T n-Hexacosane (C26)	15.828	2545296	19.562 ug/ml
16) T n-Octacosane (C28)	16.778	2521201	19.985 ug/ml
17) T n-Tricontane (C30)	17.665	2670338	20.766 ug/ml
18) T n-Dotriacontane (C32)	18.496	2692193	21.385 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2549663	20.609 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2341224	20.127 ug/ml
21) T n-Octatriacontane (C38)	20.746	2254135	20.288 ug/ml
22) T n-Tetracontane (C40)	21.638	2157908	19.849 ug/ml

(f)=RT Delta > 1/2 Window

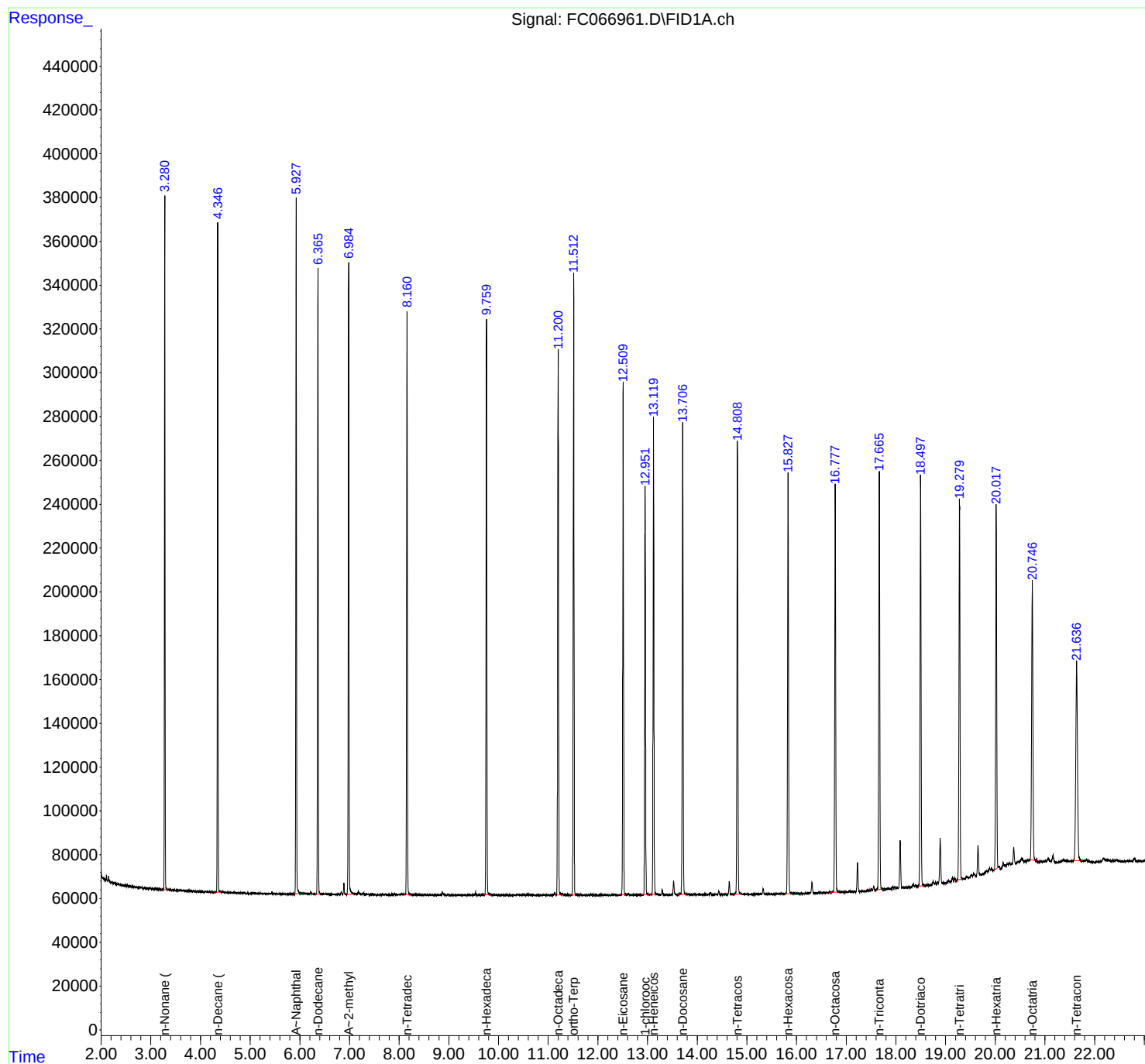
(m)=manual int.

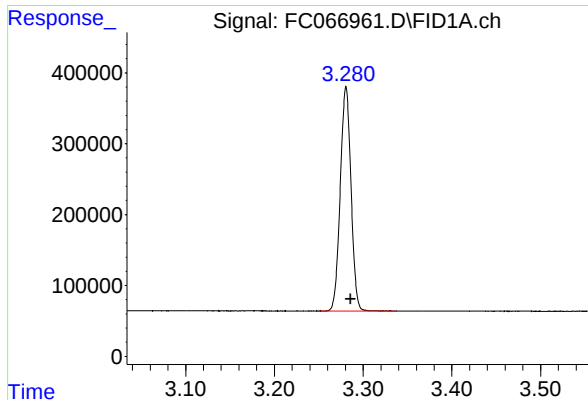
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080724AL\
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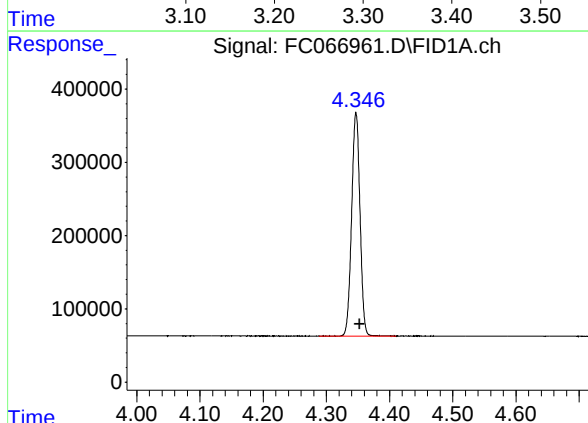




#1 n-Nonane (C9)

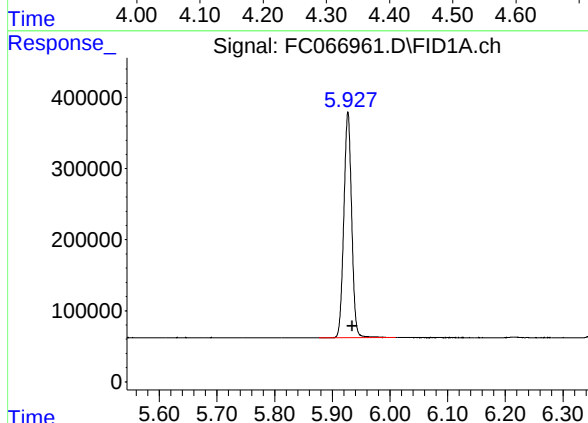
R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 2655151
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



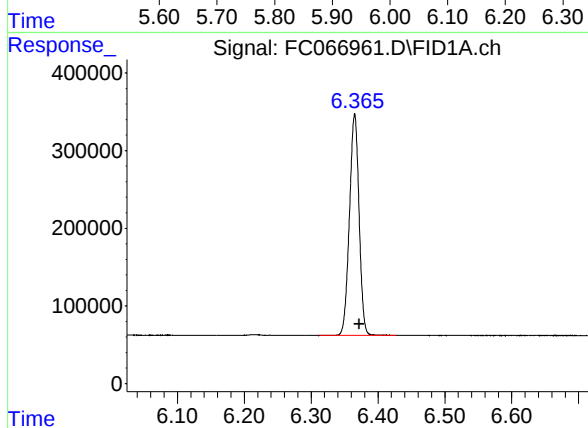
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.006 min
Response: 2806897
Conc: 18.99 ug/ml



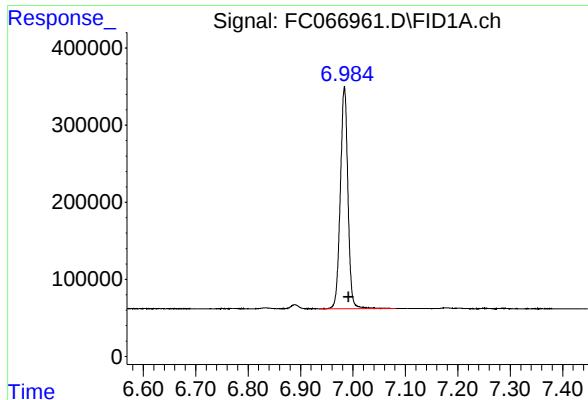
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 2998106
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

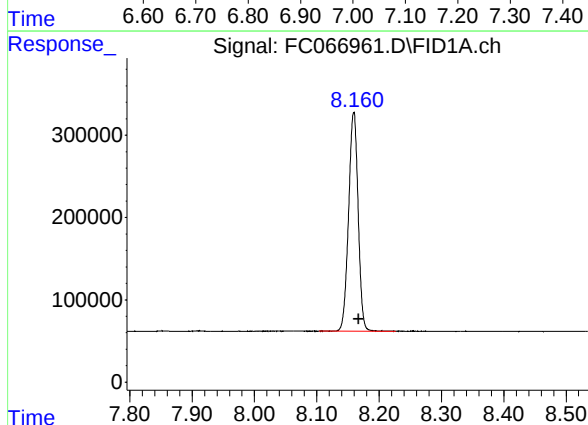
R.T.: 6.365 min
Delta R.T.: -0.007 min
Response: 2855176
Conc: 19.05 ug/ml



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

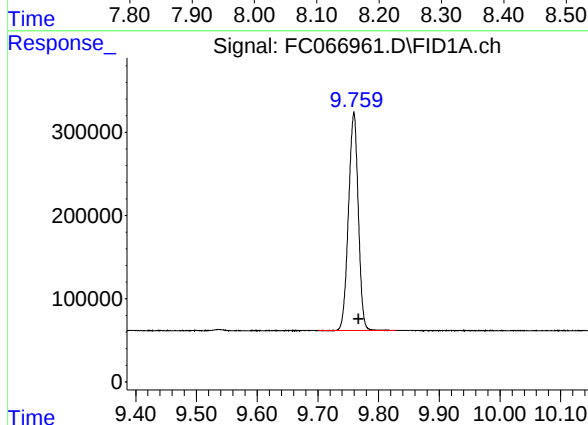
R.T.: 6.984 min
Delta R.T.: -0.008 min
Response: 2891903
Conc: 18.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



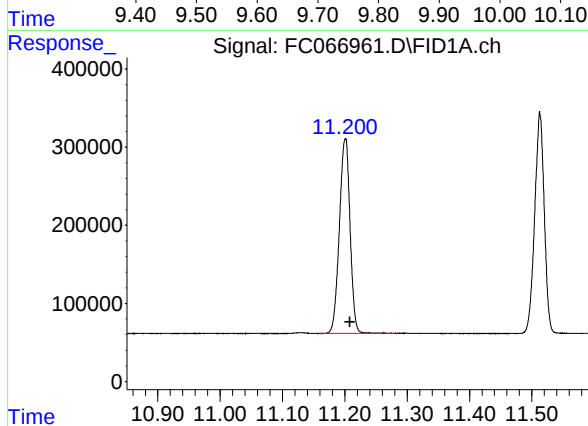
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.008 min
Response: 2833155
Conc: 19.36 ug/ml



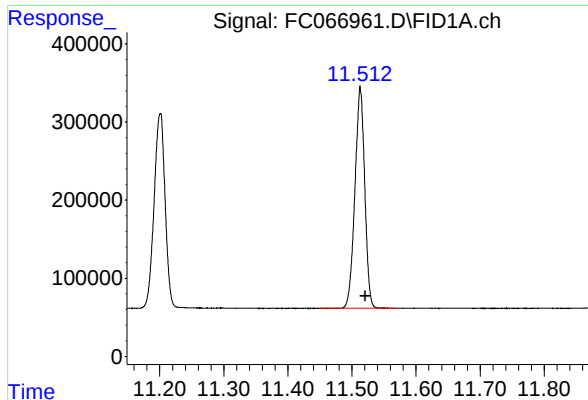
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.008 min
Response: 2941989
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

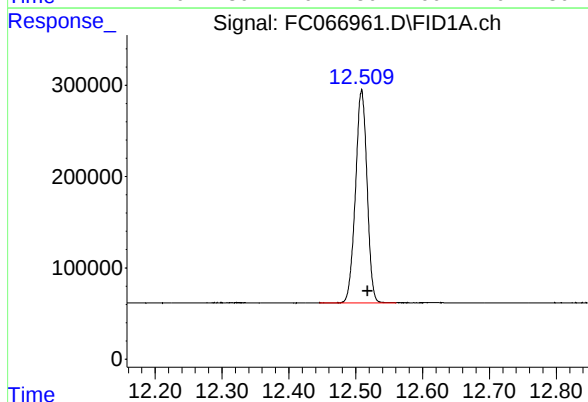
R.T.: 11.201 min
Delta R.T.: -0.008 min
Response: 2971705
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

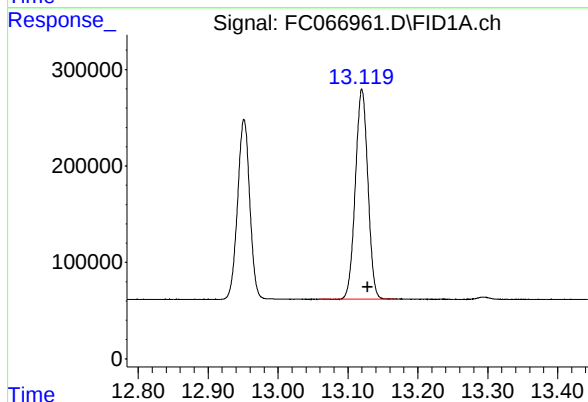
R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 3014242
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



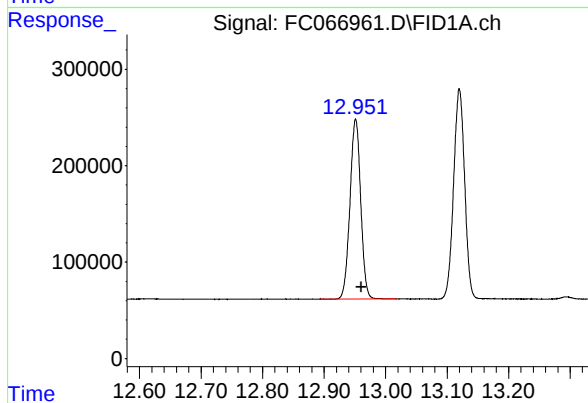
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.009 min
Response: 2798848
Conc: 20.08 ug/ml



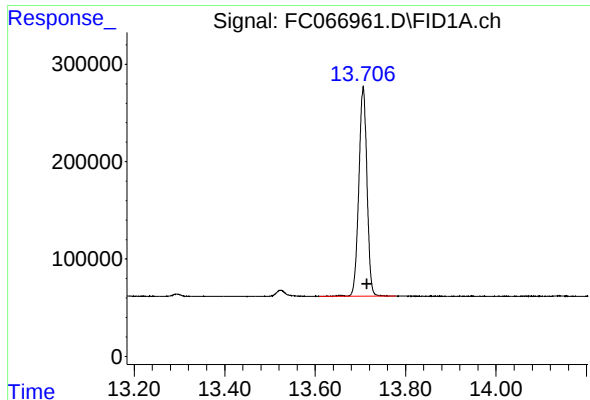
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: -0.008 min
Response: 2710263
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

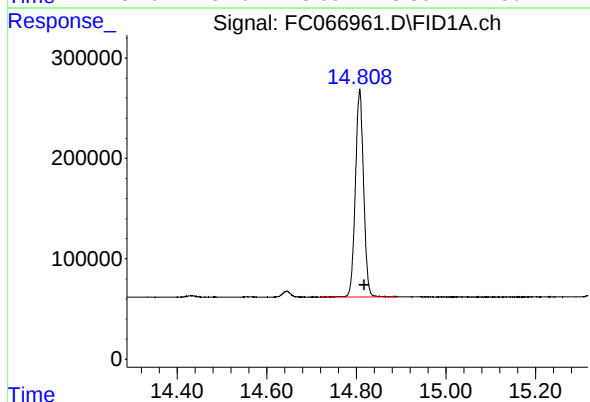
R.T.: 12.951 min
Delta R.T.: -0.009 min
Response: 2264514
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

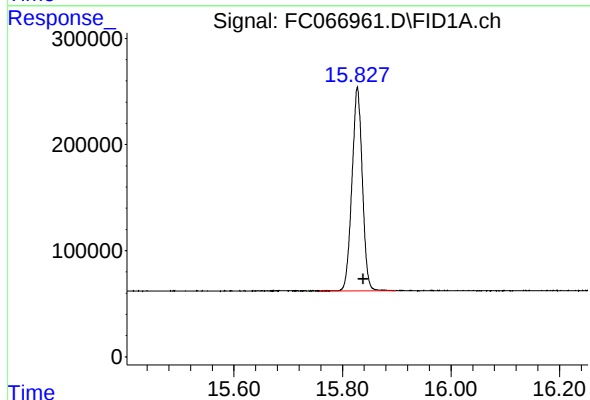
R.T.: 13.706 min
Delta R.T.: -0.009 min
Response: 2686926
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



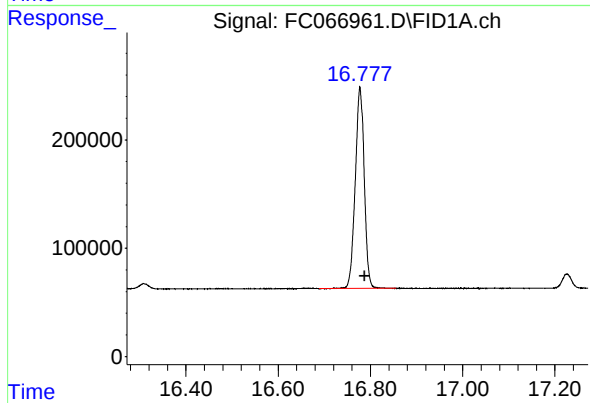
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: -0.010 min
Response: 2622878
Conc: 19.72 ug/ml



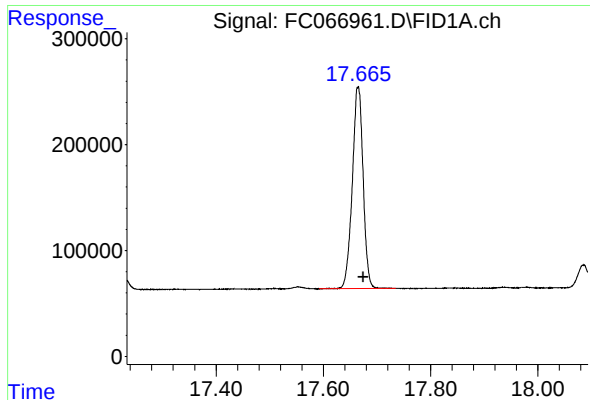
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.011 min
Response: 2545296
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

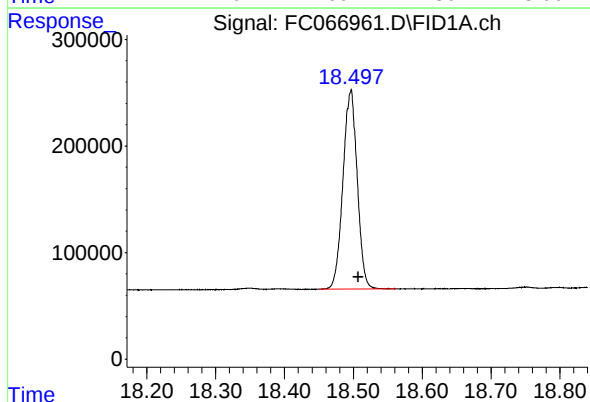
R.T.: 16.778 min
Delta R.T.: -0.010 min
Response: 2521201
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

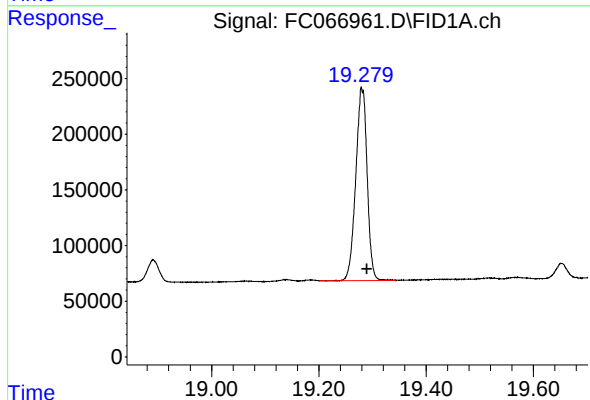
R.T.: 17.665 min
Delta R.T.: -0.009 min
Response: 2670338
Conc: 20.77 ug/ml

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20 PPM ALIPHATIC HC STD



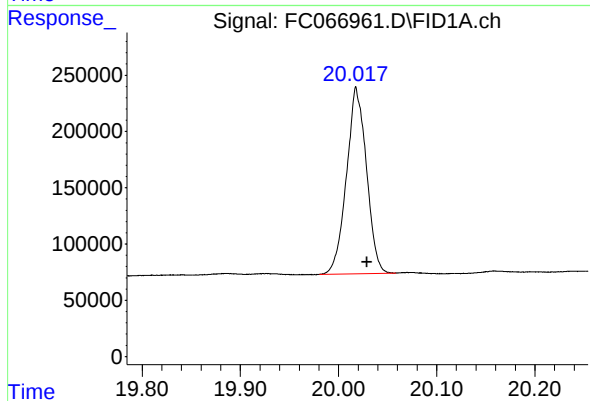
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.011 min
Response: 2692193
Conc: 21.38 ug/ml



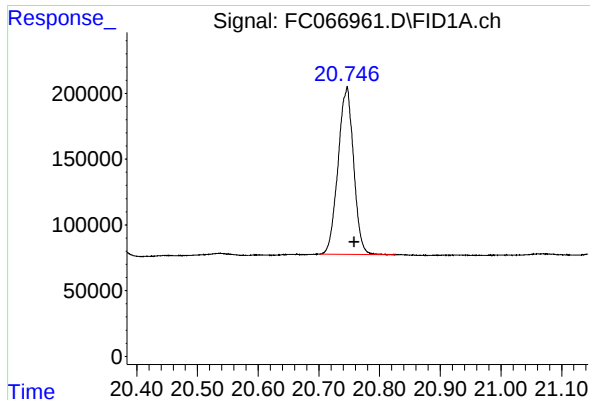
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: -0.009 min
Response: 2549663
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

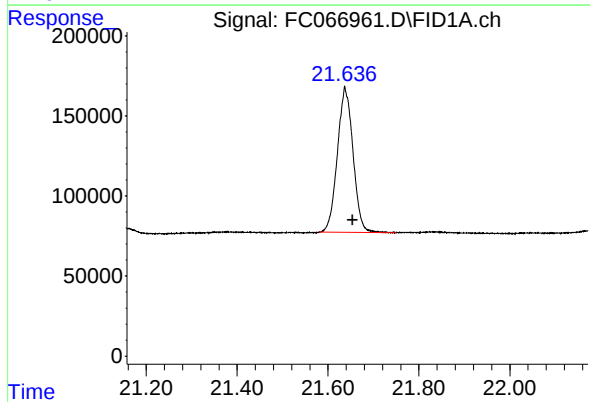
R.T.: 20.018 min
Delta R.T.: -0.011 min
Response: 2341224
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.013 min
Response: 2254135
Conc: 20.29 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: -0.017 min
Response: 2157908
Conc: 19.85 ug/ml