

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121024AL\
 Data File : FC067968.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 09:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 10 10:51:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.470	3233872	18.702 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	12.910	2390555	18.736 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.252	2864599	18.438 ug/ml
2) T n-Decane (C10)	4.314	2923320	18.441 ug/ml
3) T A~Naphthalene (C11.7)	5.889	3233823	18.524 ug/ml
4) T n-Dodecane (C12)	6.329	2969153	18.440 ug/ml
5) T A~2-methylnaphthalene...	6.945	3124580	18.649 ug/ml
6) T n-Tetradecane (C14)	8.122	2933378	18.449 ug/ml
7) T n-Hexadecane (C16)	9.720	2995842	18.544 ug/ml
8) T n-Octadecane (C18)	11.160	2997608	18.672 ug/ml
10) T n-Eicosane (C20)	12.468	2819181	18.741 ug/ml
11) T n-Heneicosane (C21)	13.078	2746936	18.800 ug/ml
13) T n-Docosane (C22)	13.663	2687903	18.777 ug/ml
14) T n-Tetracosane (C24)	14.765	2614094	18.813 ug/ml
15) T n-Hexacosane (C26)	15.784	2523029	18.866 ug/ml
16) T n-Octacosane (C28)	16.733	2454409	18.922 ug/ml
17) T n-Tricontane (C30)	17.619	2466903	19.043 ug/ml
18) T n-Dotriacontane (C32)	18.450	2364936	19.090 ug/ml
19) T n-Tetratriacontane (C34)	19.232	2081814	19.073 ug/ml
20) T n-Hexatriacontane (C36)	19.970	1781056	18.825 ug/ml
21) T n-Octatriacontane (C38)	20.690	1709219	18.894 ug/ml
22) T n-Tetracontane (C40)	21.568	1657309	18.803 ug/ml

(f)=RT Delta > 1/2 Window

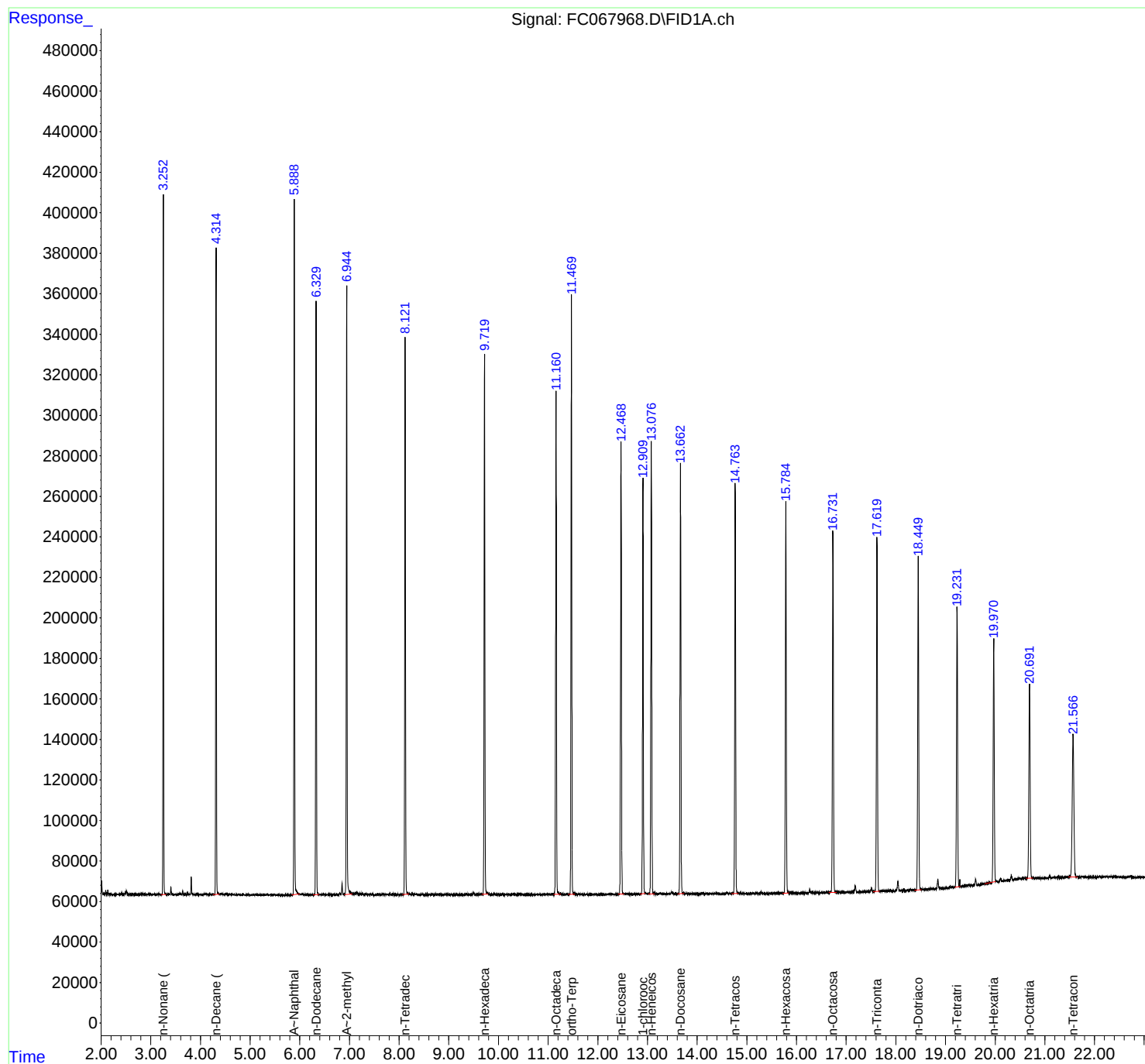
(m)=manual int.

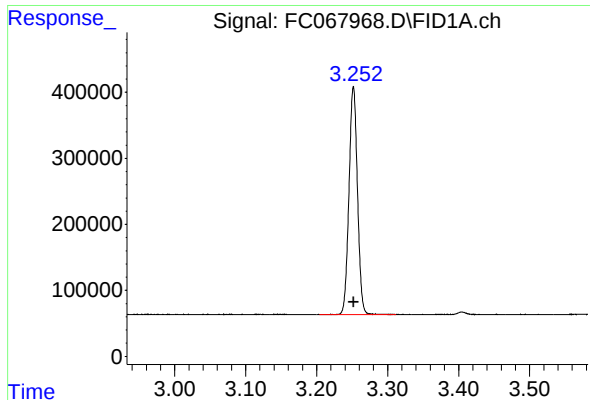
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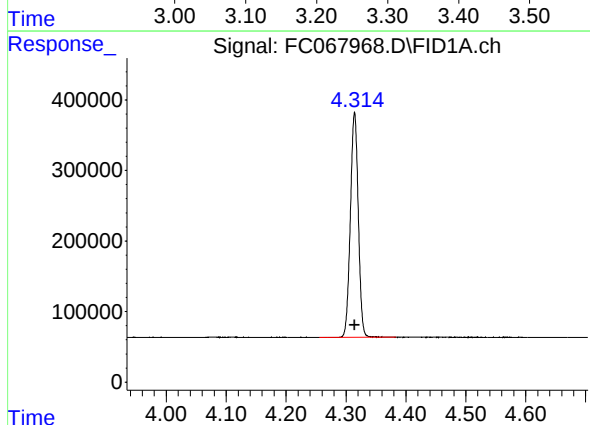




#1 n-Nonane (C9)

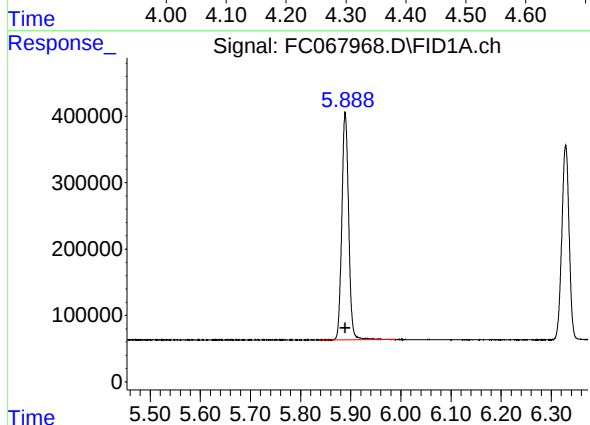
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 2864599
Conc: 18.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



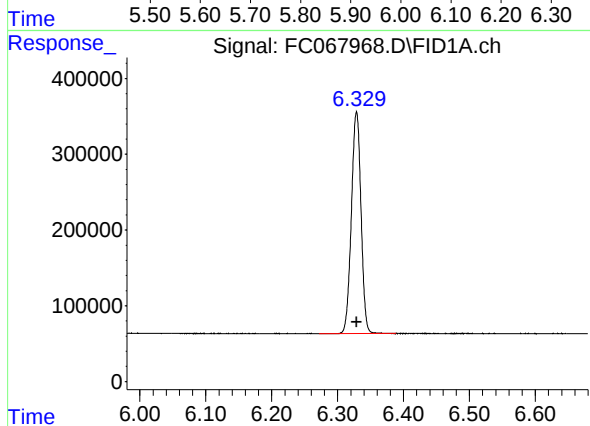
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 2923320
Conc: 18.44 ug/ml



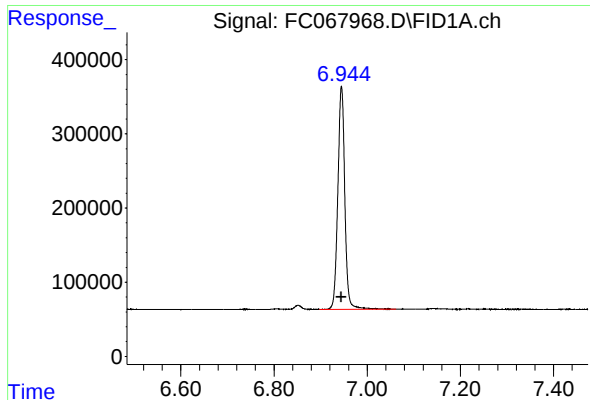
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 3233823
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

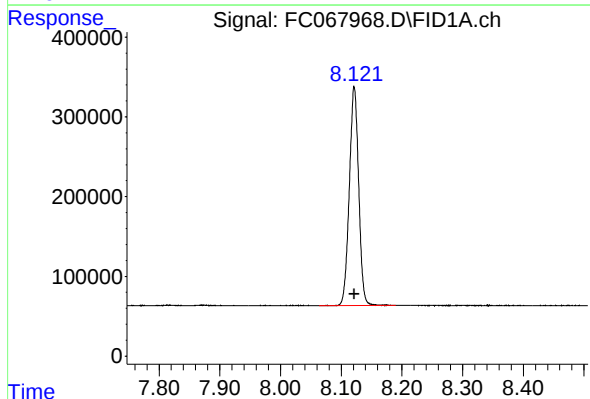
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 2969153
Conc: 18.44 ug/ml



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

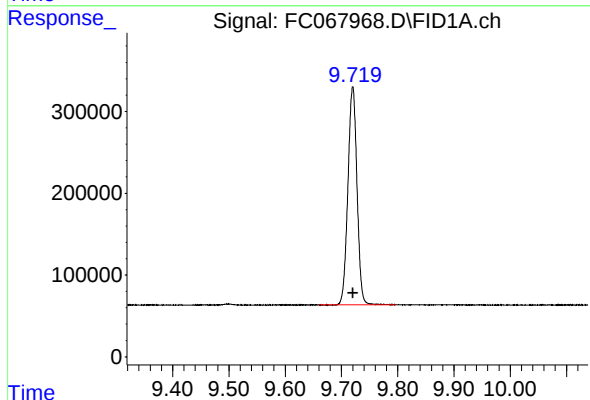
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 3124580
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



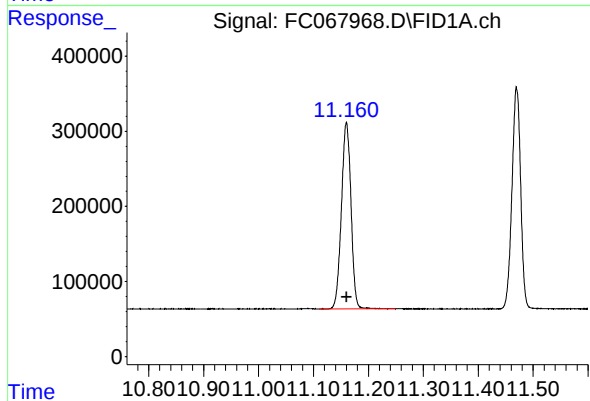
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 2933378
Conc: 18.45 ug/ml



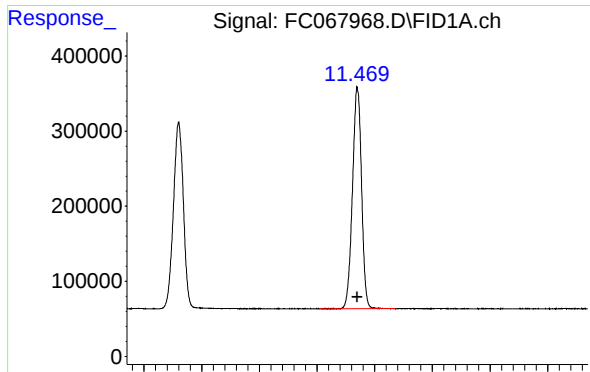
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: 0.000 min
Response: 2995842
Conc: 18.54 ug/ml



#8 n-Octadecane (C18)

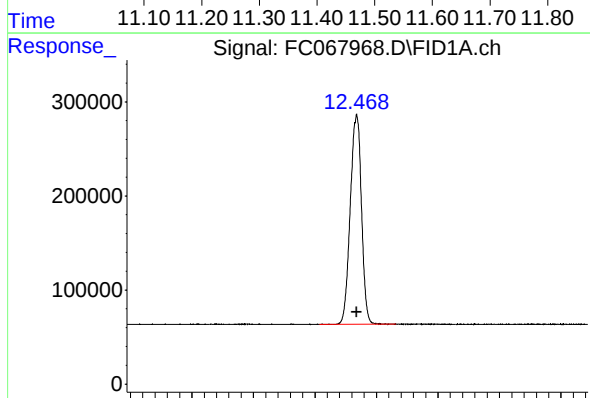
R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 2997608
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

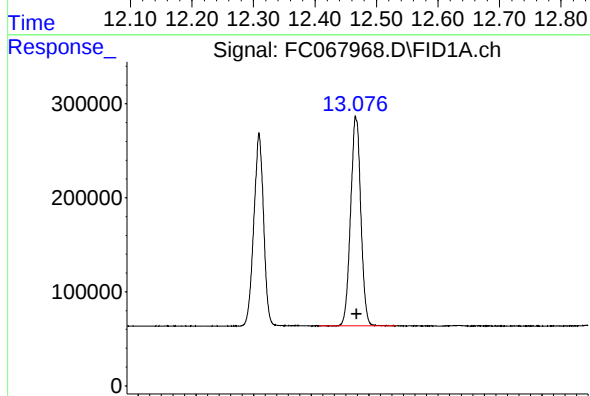
R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 3233872
Conc: 18.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



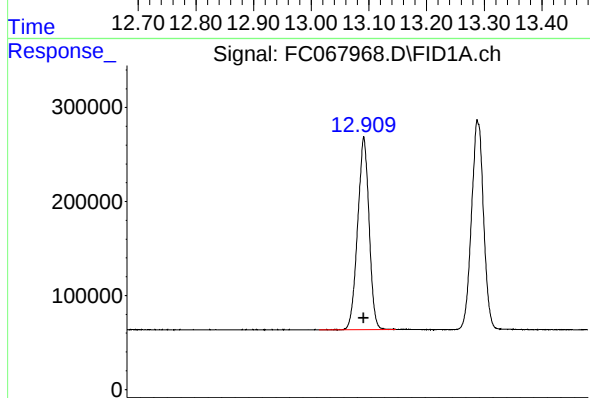
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 2819181
Conc: 18.74 ug/ml



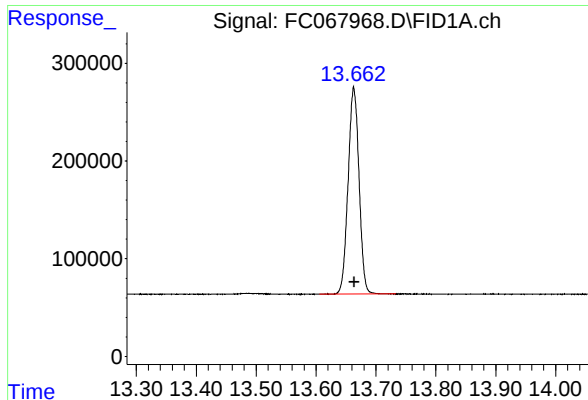
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 2746936
Conc: 18.80 ug/ml



#12 1-chlorooctadecane (SURR)

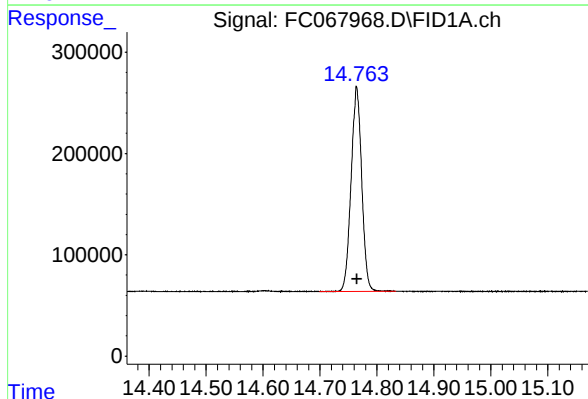
R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 2390555
Conc: 18.74 ug/ml



#13 n-Docosane (C22)

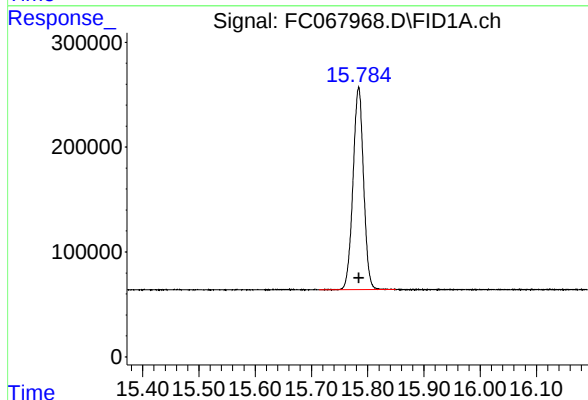
R.T.: 13.663 min
Delta R.T.: 0.000 min
Response: 2687903
Conc: 18.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



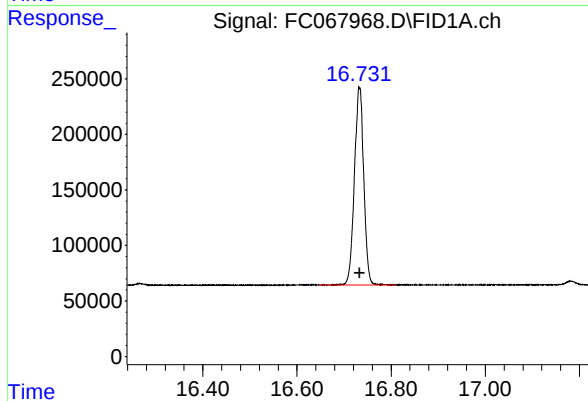
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2614094
Conc: 18.81 ug/ml



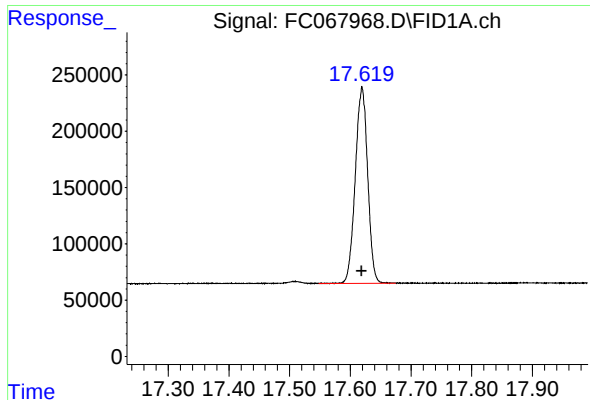
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.001 min
Response: 2523029
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

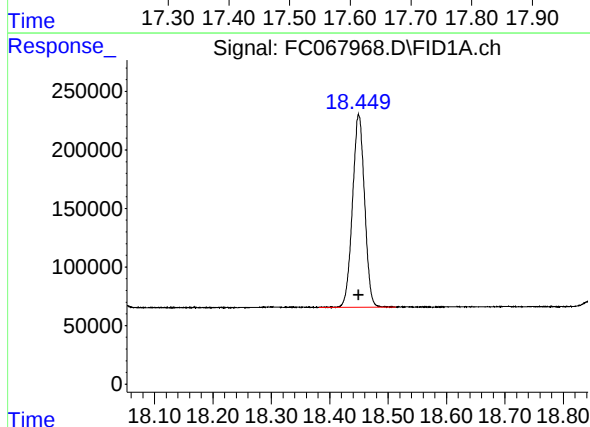
R.T.: 16.733 min
Delta R.T.: 0.000 min
Response: 2454409
Conc: 18.92 ug/ml



#17 n-Tricontane (C30)

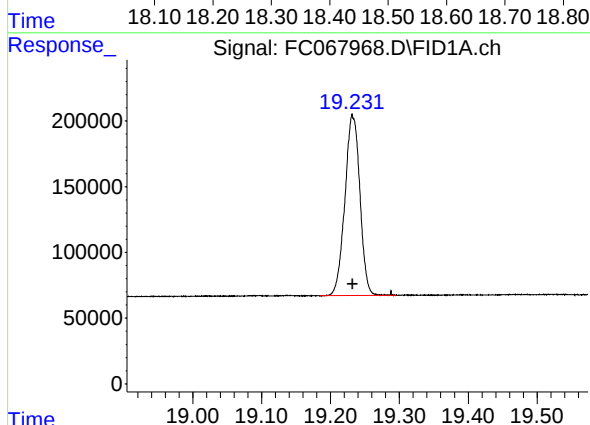
R.T.: 17.619 min
Delta R.T.: 0.000 min
Response: 2466903
Conc: 19.04 ug/ml

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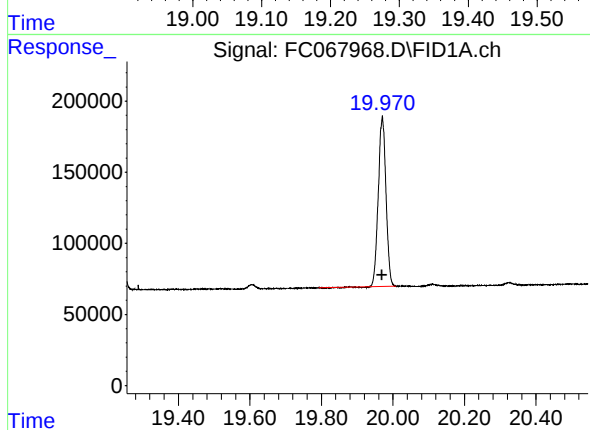
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.000 min
Response: 2364936
Conc: 19.09 ug/ml



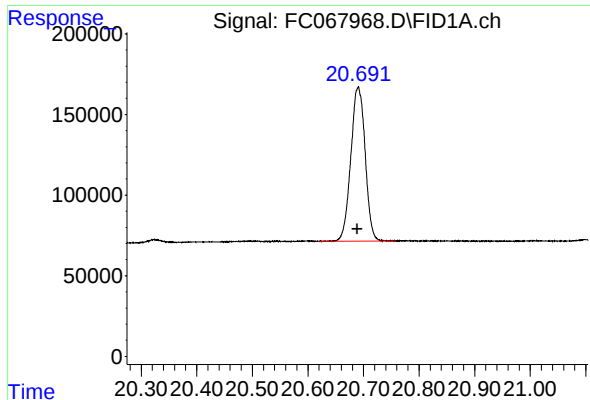
#19 n-Tetatriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.000 min
Response: 2081814
Conc: 19.07 ug/ml



#20 n-Hexatriacontane (C36)

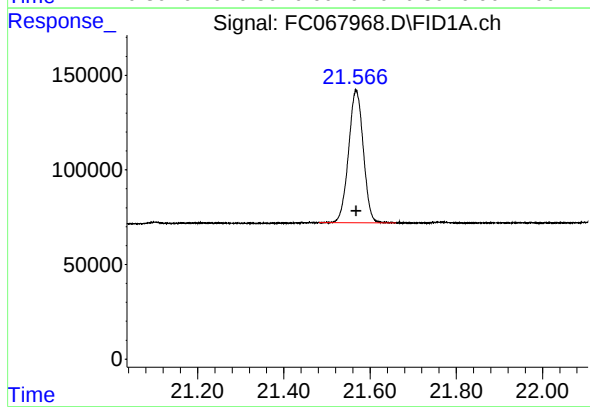
R.T.: 19.970 min
Delta R.T.: 0.000 min
Response: 1781056
Conc: 18.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: 0.001 min
Response: 1709219
Conc: 18.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: 0.000 min
Response: 1657309
Conc: 18.80 ug/ml