

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102824AL\
 Data File : FC067561.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 14:27
 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: sample.E
 Quant Time: Oct 30 03:48:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.493	2946827	20.083 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
12) S 1-chlorooctadecane (S...	12.930	2184842	20.232 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.274	2653122	19.694 ug/ml
2) T n-Decane (C10)	4.338	2707202	19.870 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2946368	19.883 ug/ml
4) T n-Dodecane (C12)	6.353	2714630	20.043 ug/ml
5) T A~2-methylnaphthalene...	6.970	2817541	19.951 ug/ml
6) T n-Tetradecane (C14)	8.145	2649858	20.188 ug/ml
7) T n-Hexadecane (C16)	9.743	2689795	20.361 ug/ml
8) T n-Octadecane (C18)	11.183	2699938	20.437 ug/ml
10) T n-Eicosane (C20)	12.488	2567814	20.351 ug/ml
11) T n-Heneicosane (C21)	13.099	2517191	20.396 ug/ml
13) T n-Docosane (C22)	13.684	2496387	20.387 ug/ml
14) T n-Tetracosane (C24)	14.785	2476663	20.433 ug/ml
15) T n-Hexacosane (C26)	15.804	2446020	20.545 ug/ml
16) T n-Octacosane (C28)	16.752	2472302	21.015 ug/ml
17) T n-Tricontane (C30)	17.638	2625060	21.718 ug/ml
18) T n-Dotriacontane (C32)	18.469	2627908	22.210 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2319241	22.145 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1988998	21.851 ug/ml
21) T n-Octatriacontane (C38)	20.709	1853681	21.405 ug/ml
22) T n-Tetracontane (C40)	21.592	1785158	20.999 ug/ml

(f)=RT Delta > 1/2 Window

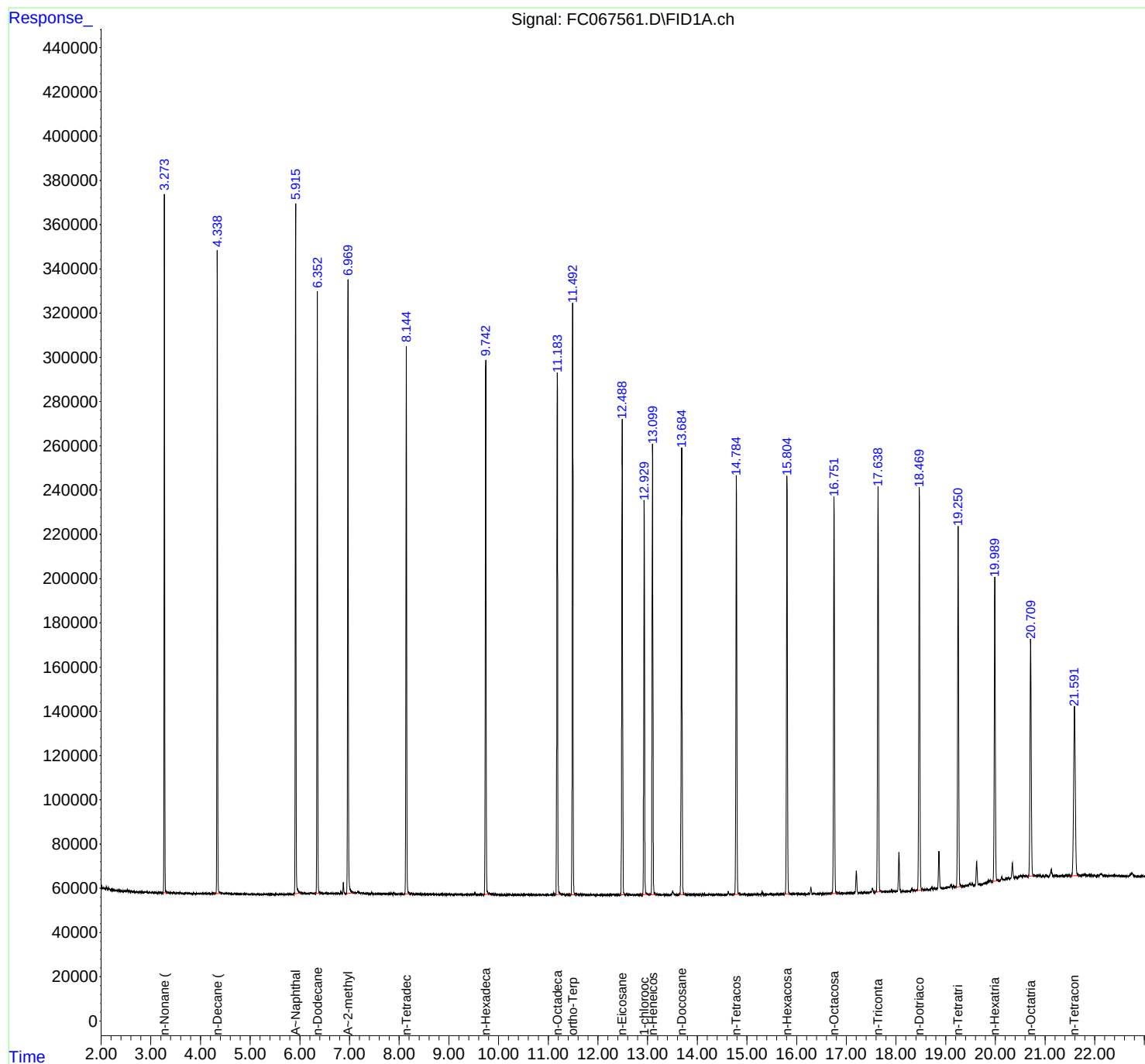
(m)=manual int.

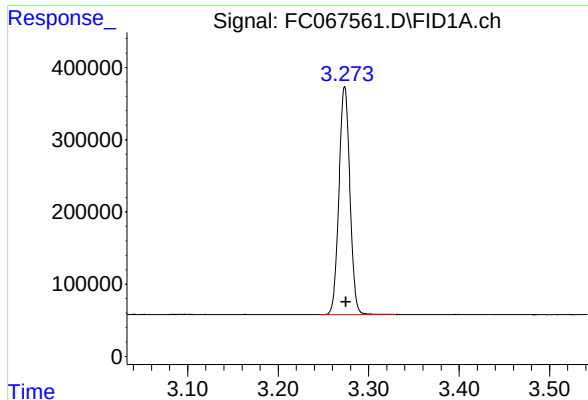
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102824AL\
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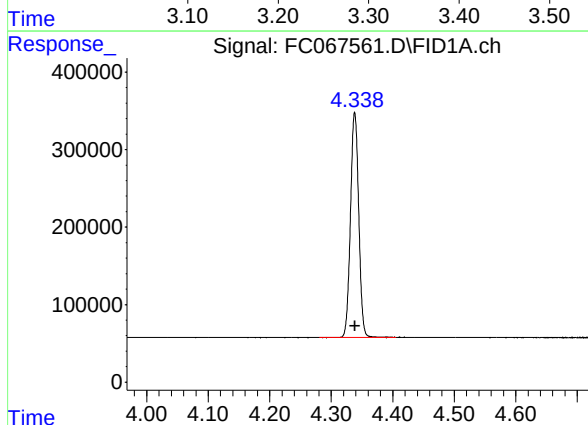




#1 n-Nonane (C9)

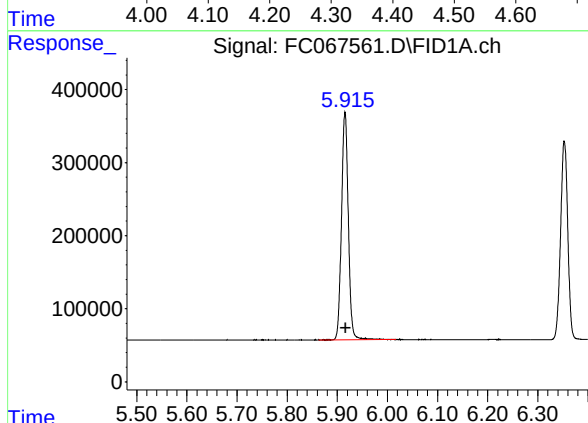
R.T.: 3.274 min
Delta R.T.: -0.001 min
Response: 2653122
Conc: 19.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



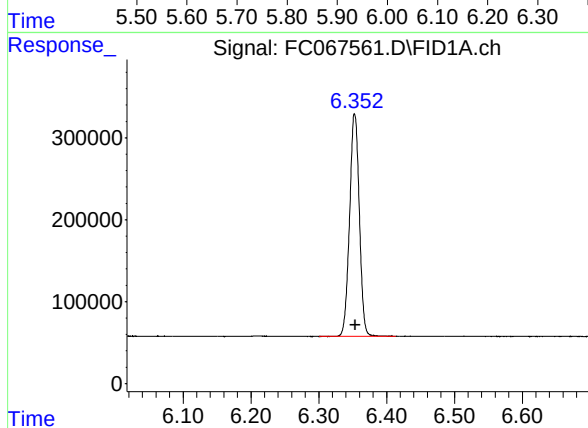
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2707202
Conc: 19.87 ug/ml



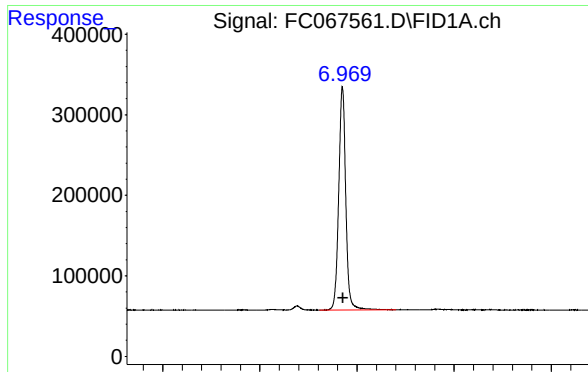
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: -0.001 min
Response: 2946368
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

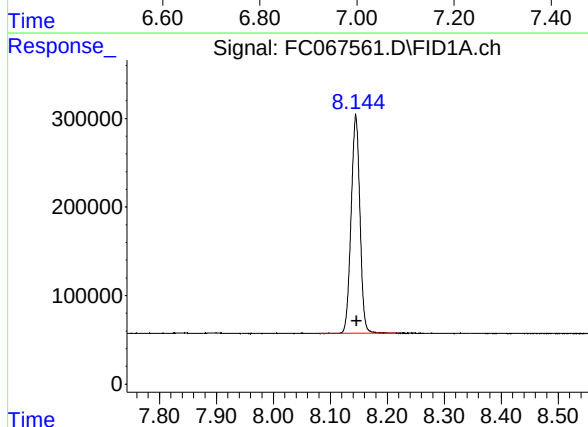
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2714630
Conc: 20.04 ug/ml



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

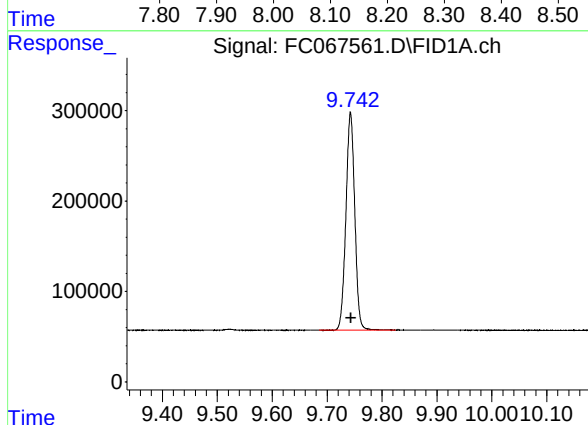
R.T.: 6.970 min
Delta R.T.: -0.001 min
Response: 2817541
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



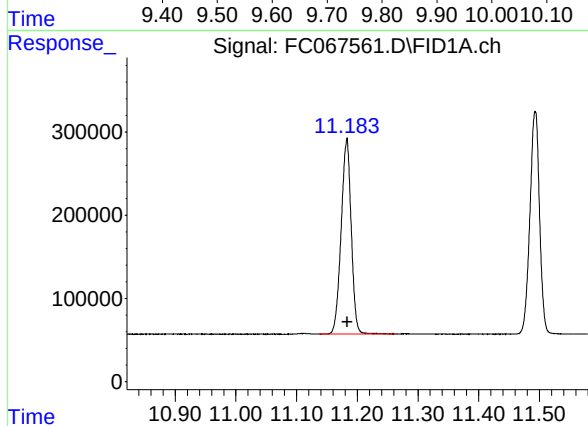
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.001 min
Response: 2649858
Conc: 20.19 ug/ml



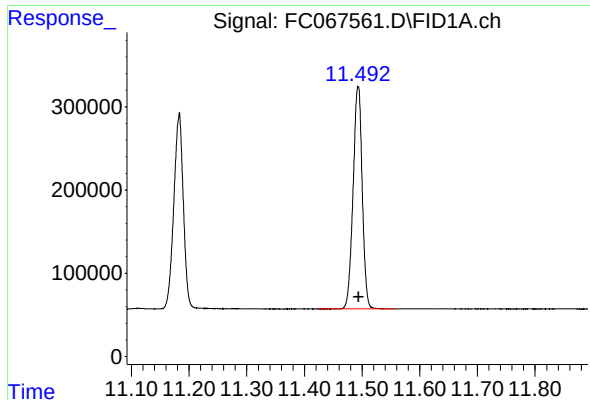
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 2689795
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

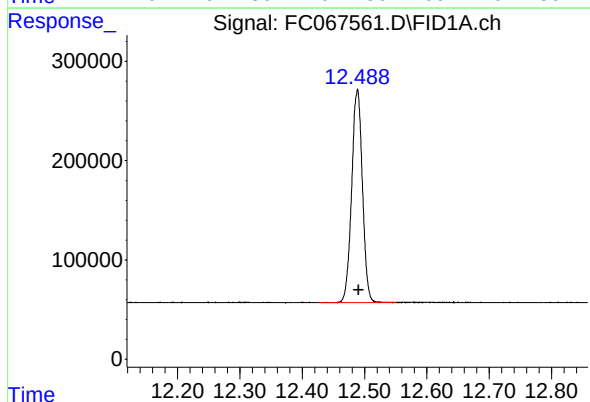
R.T.: 11.183 min
Delta R.T.: -0.001 min
Response: 2699938
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

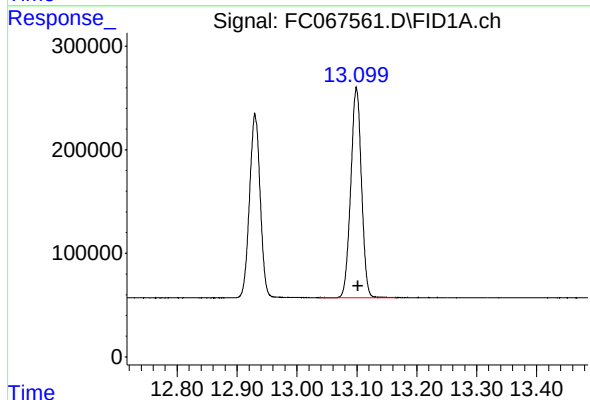
R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 2946827
Conc: 20.08 ug/ml

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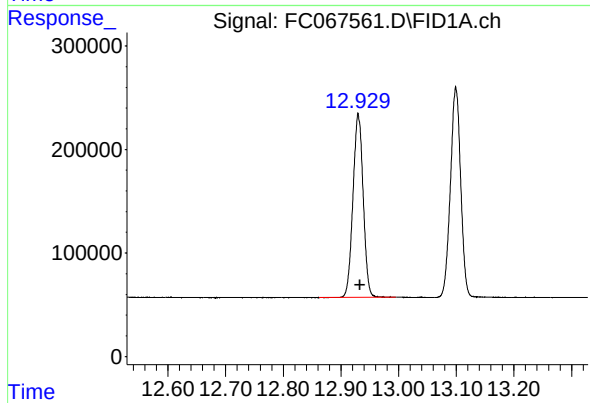
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.002 min
Response: 2567814
Conc: 20.35 ug/ml



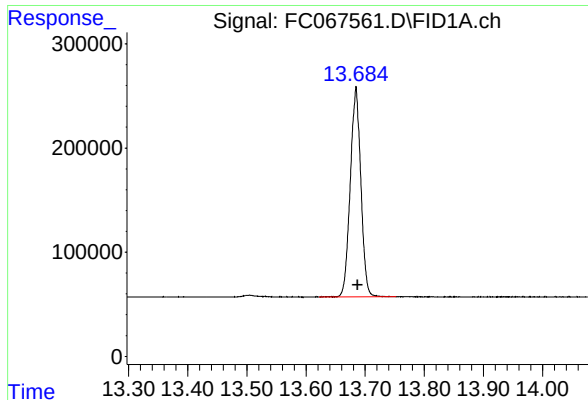
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2517191
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

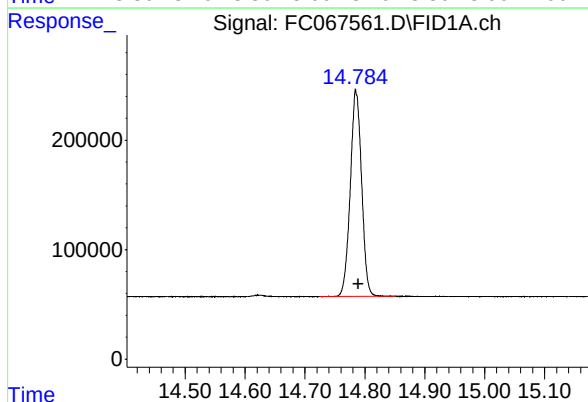
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2184842
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

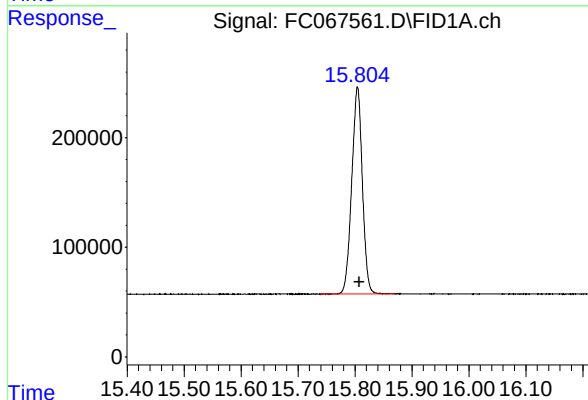
R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2496387
Conc: 20.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



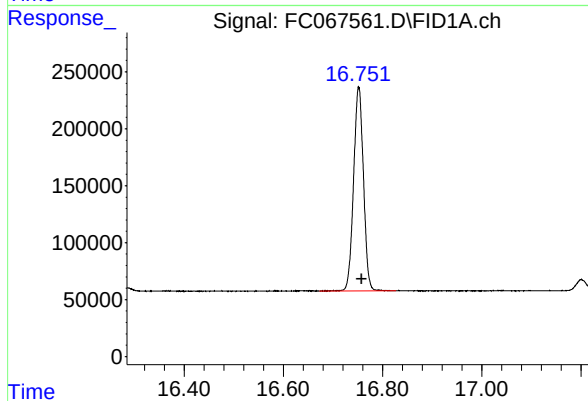
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.004 min
Response: 2476663
Conc: 20.43 ug/ml



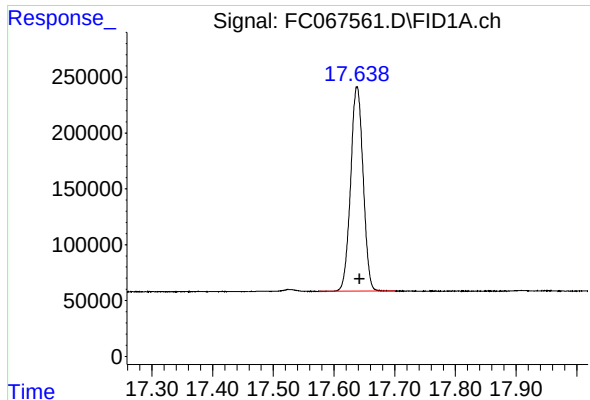
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 2446020
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

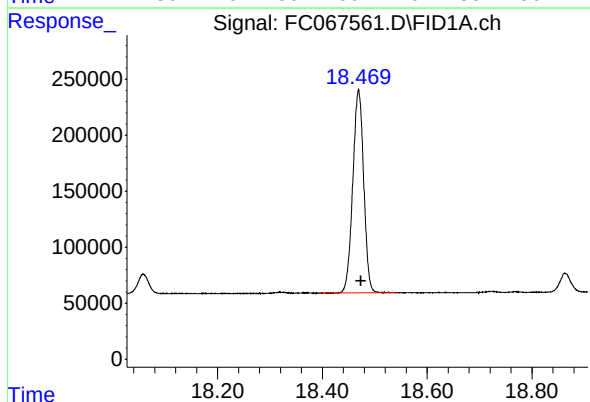
R.T.: 16.752 min
Delta R.T.: -0.006 min
Response: 2472302
Conc: 21.01 ug/ml



#17 n-Tricontane (C30)

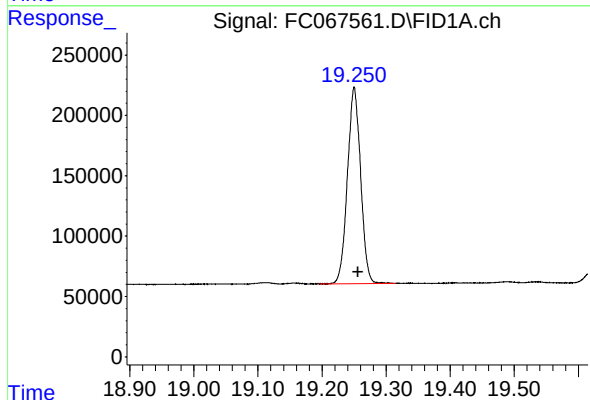
R.T.: 17.638 min
Delta R.T.: -0.005 min
Response: 2625060
Conc: 21.72 ug/ml

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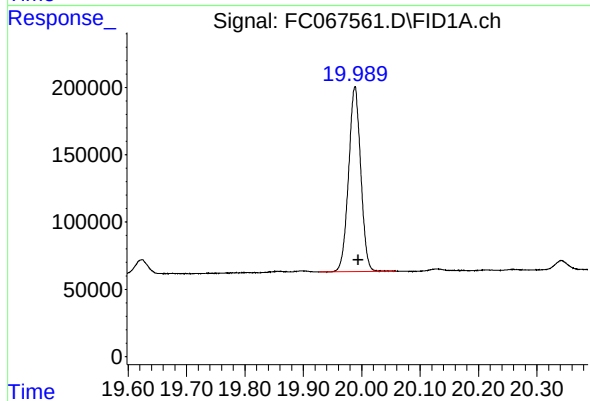
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.005 min
Response: 2627908
Conc: 22.21 ug/ml



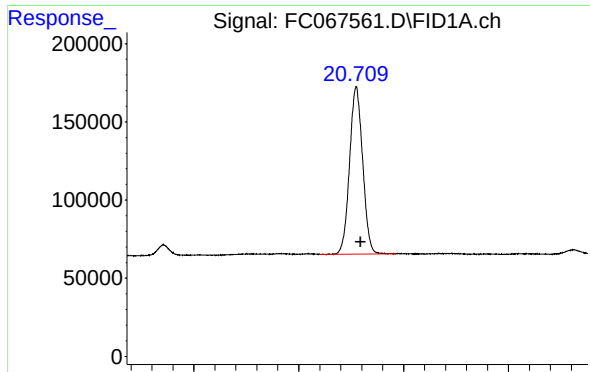
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.006 min
Response: 2319241
Conc: 22.15 ug/ml



#20 n-Hexatriacontane (C36)

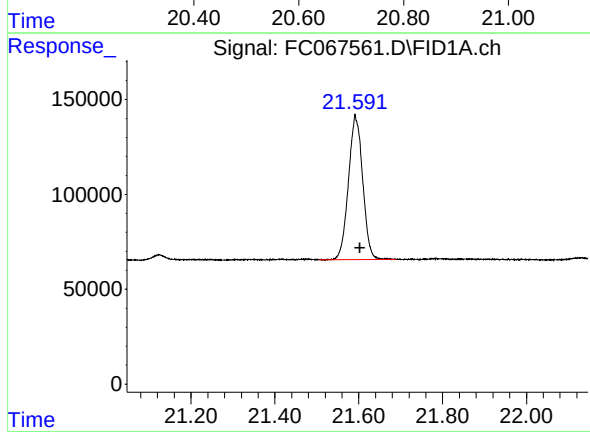
R.T.: 19.988 min
Delta R.T.: -0.006 min
Response: 1988998
Conc: 21.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: -0.009 min
Response: 1853681
Conc: 21.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.011 min
Response: 1785158
Conc: 21.00 ug/ml