

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092324AL\
 Data File : FC067231.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 09:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 24 01:28:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.502	2578945	18.521 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	12.941	1736710	17.779 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
Target Compounds			
1) T n-Nonane (C9)	3.276	2450531	18.474 ug/ml
2) T n-Decane (C10)	4.341	2562754	19.081 ug/ml
3) T A~Naphthalene (C11.7)	5.920	2670539	18.790 ug/ml
4) T n-Dodecane (C12)	6.358	2561827	19.139 ug/ml
5) T A~2-methylnaphthalene...	6.976	2493664	18.674 ug/ml
6) T n-Tetradecane (C14)	8.151	2479302	19.238 ug/ml
7) T n-Hexadecane (C16)	9.750	2485970	19.282 ug/ml
8) T n-Octadecane (C18)	11.190	2474646	19.342 ug/ml
10) T n-Eicosane (C20)	12.498	2303104	19.174 ug/ml
11) T n-Heneicosane (C21)	13.110	2231894	19.110 ug/ml
13) T n-Docosane (C22)	13.694	2215937	19.192 ug/ml
14) T n-Tetracosane (C24)	14.797	2214555	19.501 ug/ml
15) T n-Hexacosane (C26)	15.816	2181798	19.686 ug/ml
16) T n-Octacosane (C28)	16.764	2215652	20.512 ug/ml
17) T n-Tricontane (C30)	17.650	2364113	21.734 ug/ml
18) T n-Dotriacontane (C32)	18.483	2312338	22.169 ug/ml
19) T n-Tetratriacontane (C34)	19.264	2139162	23.187 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1810038	22.840 ug/ml
21) T n-Octatriacontane (C38)	20.727	1535434	20.441 ug/ml
22) T n-Tetracontane (C40)	21.615	1176848	16.845 ug/ml

(f)=RT Delta > 1/2 Window

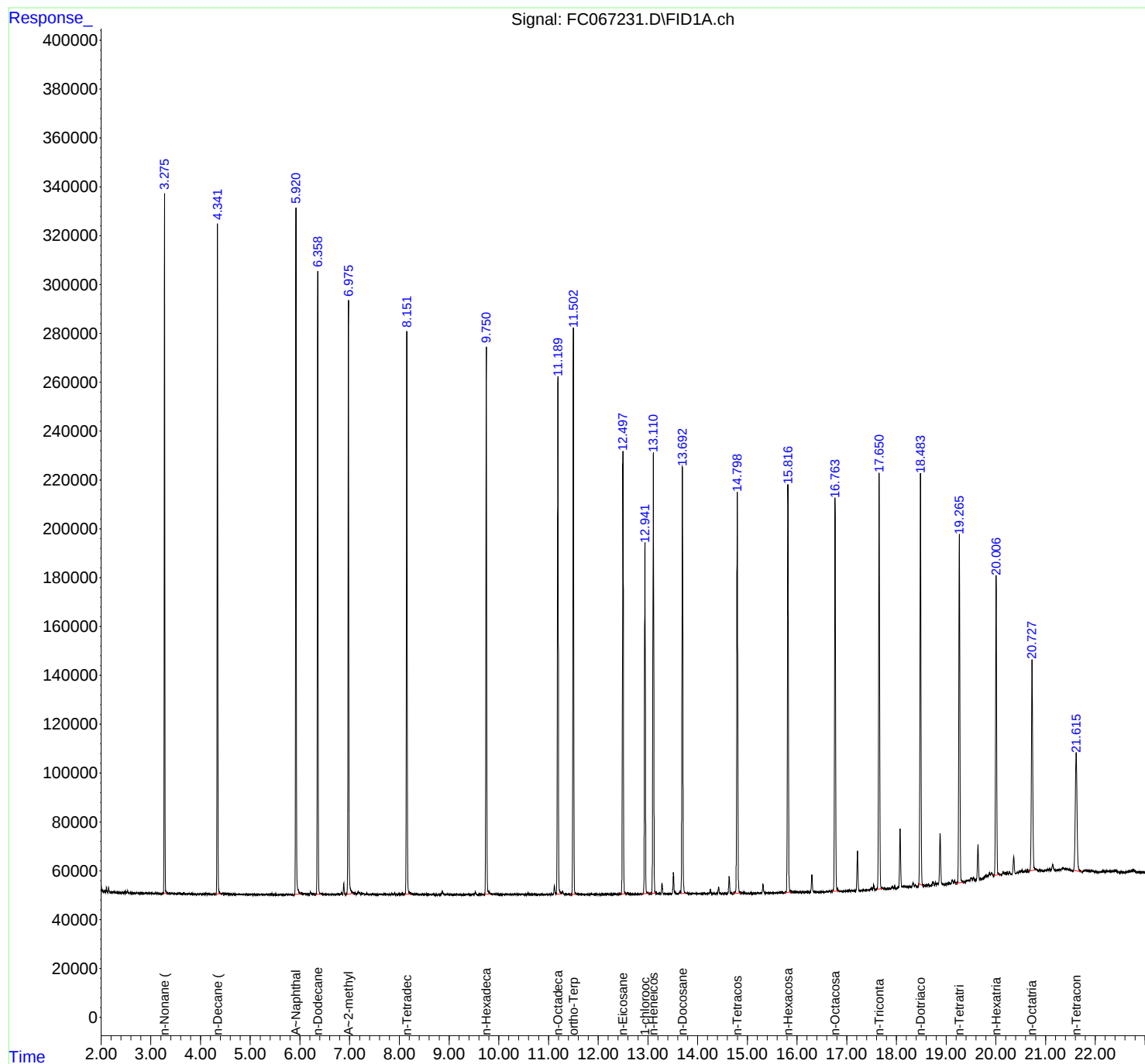
(m)=manual int.

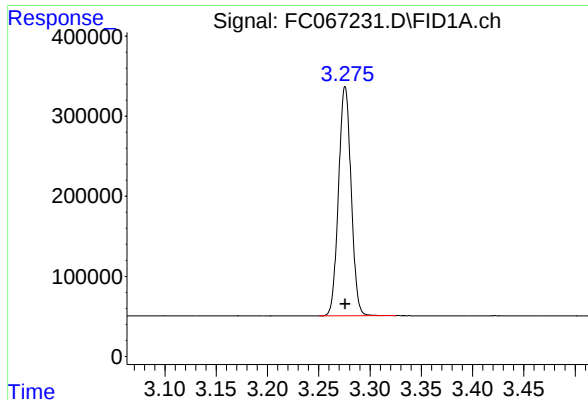
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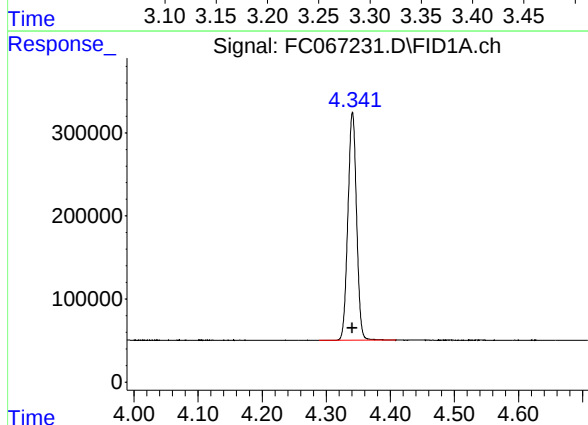




#1 n-Nonane (C9)

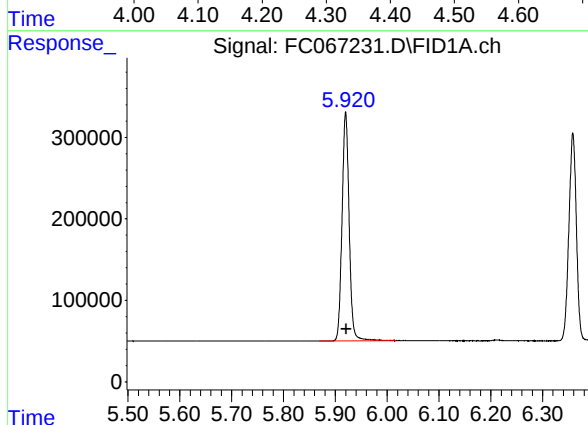
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 2450531
Conc: 18.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



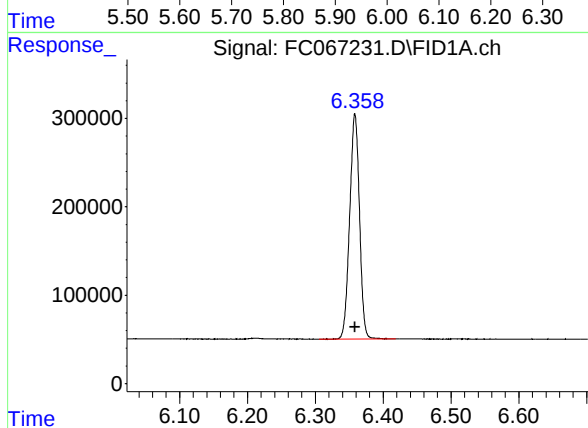
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 2562754
Conc: 19.08 ug/ml



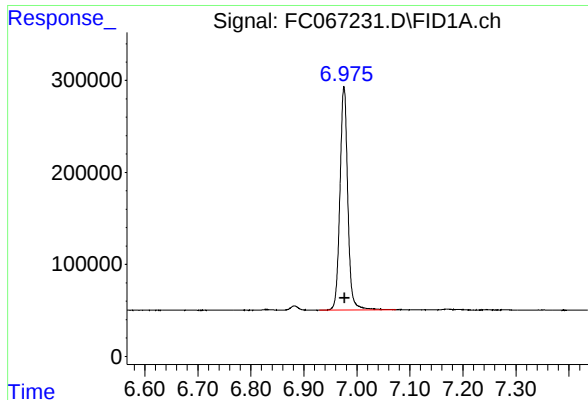
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 2670539
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

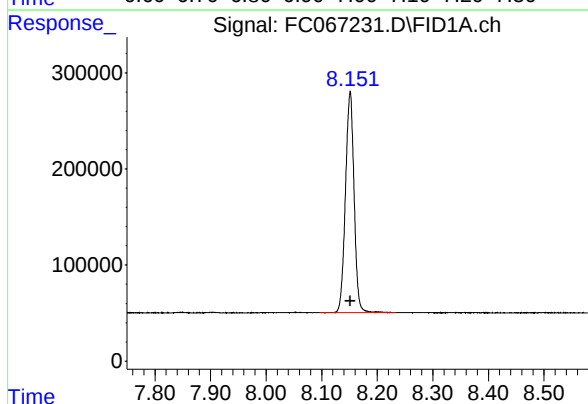
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2561827
Conc: 19.14 ug/ml



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

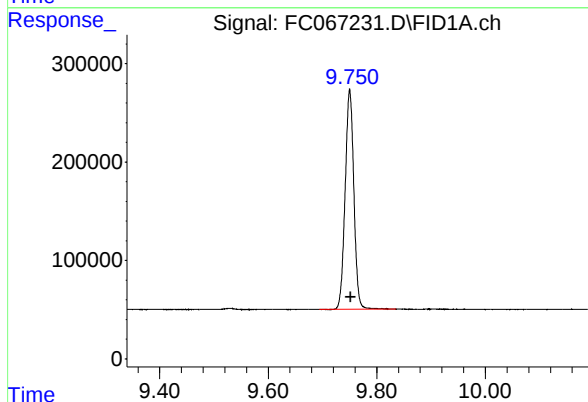
R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 2493664
Conc: 18.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



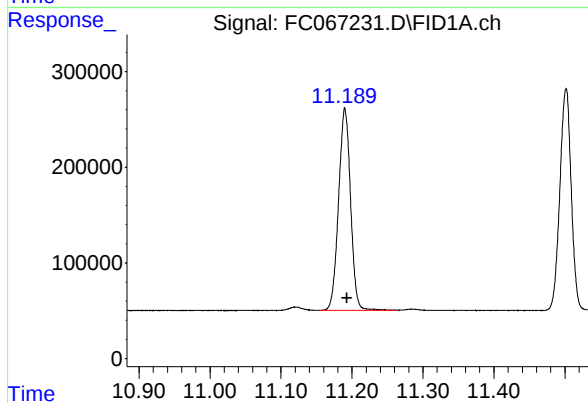
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 2479302
Conc: 19.24 ug/ml



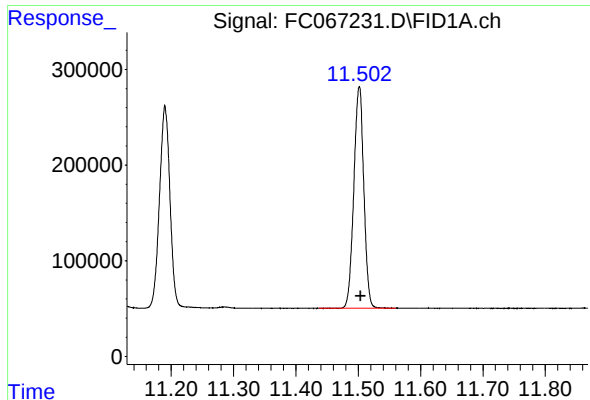
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 2485970
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

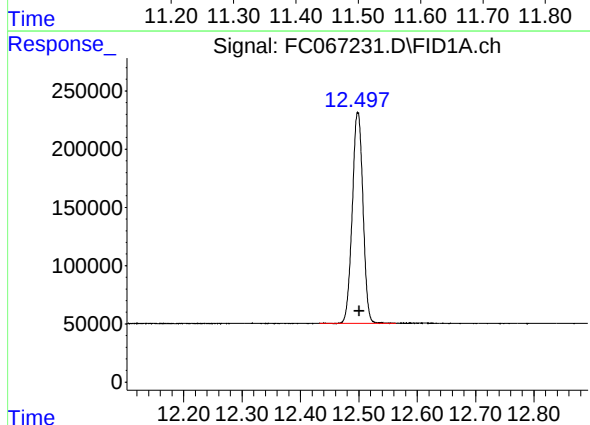
R.T.: 11.190 min
Delta R.T.: -0.003 min
Response: 2474646
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

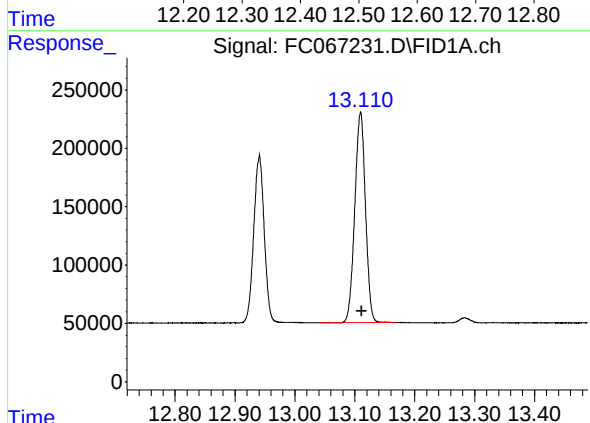
R.T.: 11.502 min
Delta R.T.: -0.003 min
Response: 2578945
Conc: 18.52 ug/ml

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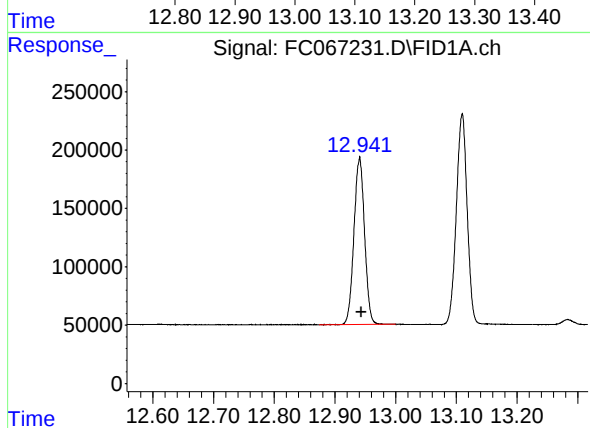
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.003 min
Response: 2303104
Conc: 19.17 ug/ml



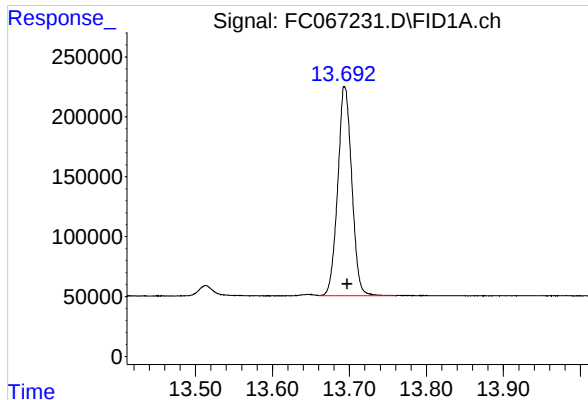
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 2231894
Conc: 19.11 ug/ml



#12 1-chlorooctadecane (SURR)

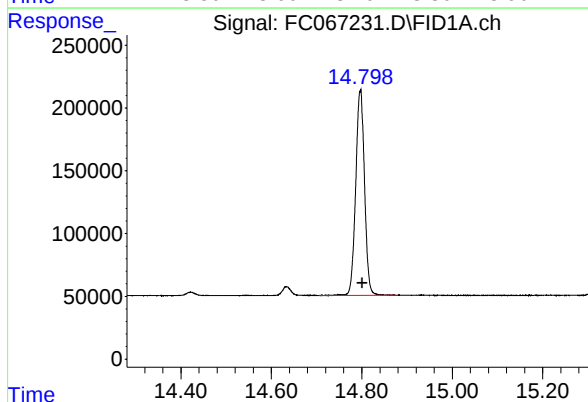
R.T.: 12.941 min
Delta R.T.: -0.003 min
Response: 1736710
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

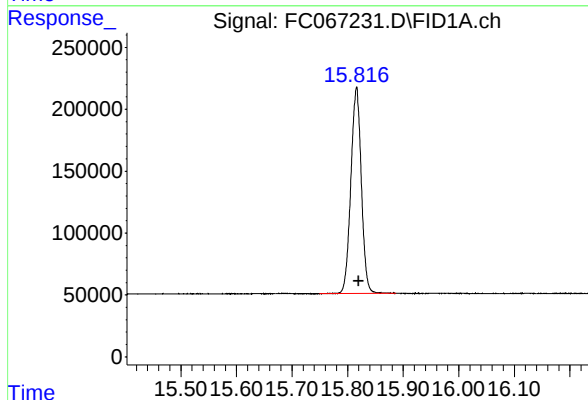
R.T.: 13.694 min
Delta R.T.: -0.003 min
Response: 2215937
Conc: 19.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



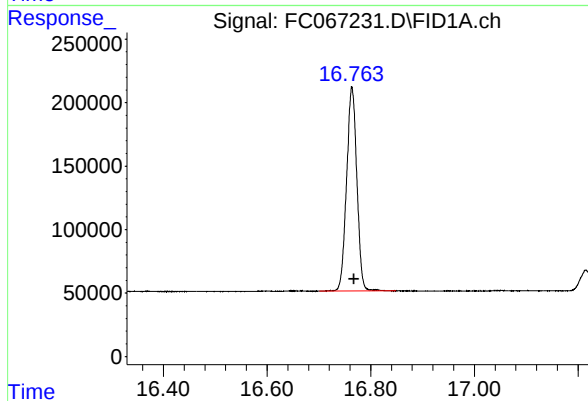
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.004 min
Response: 2214555
Conc: 19.50 ug/ml



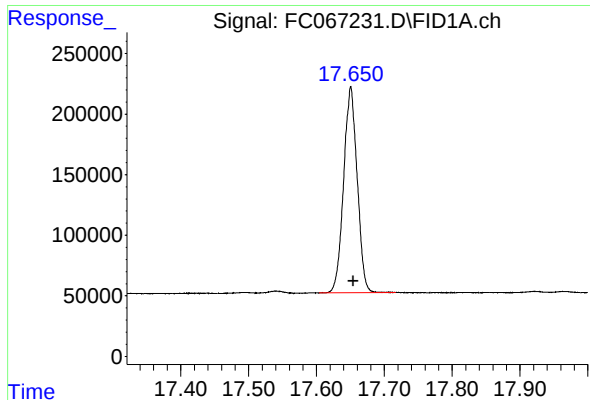
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.004 min
Response: 2181798
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

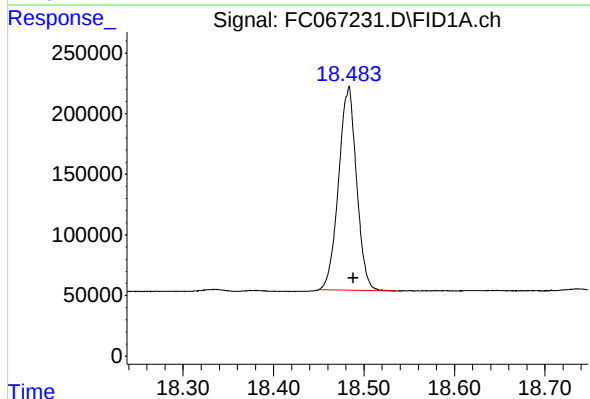
R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 2215652
Conc: 20.51 ug/ml



#17 n-Tricontane (C30)

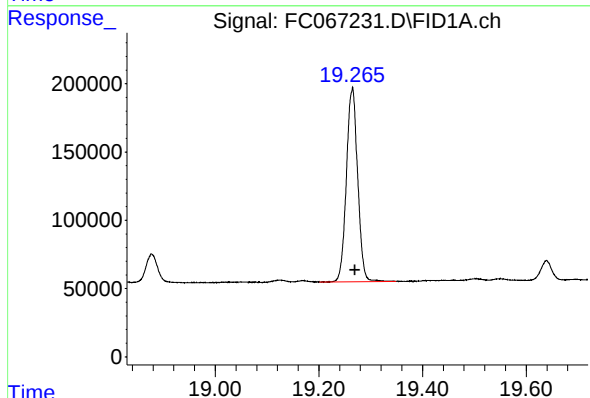
R.T.: 17.650 min
Delta R.T.: -0.004 min
Response: 2364113
Conc: 21.73 ug/ml

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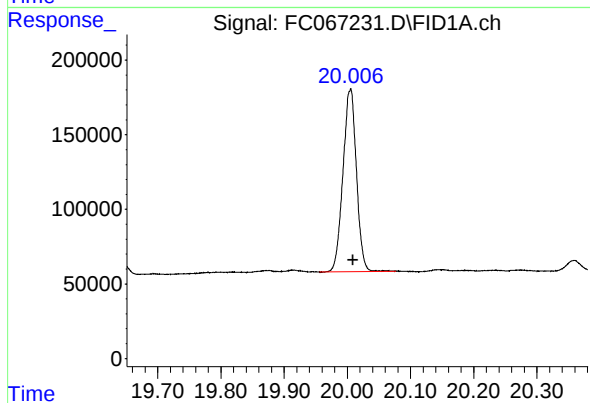
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.006 min
Response: 2312338
Conc: 22.17 ug/ml



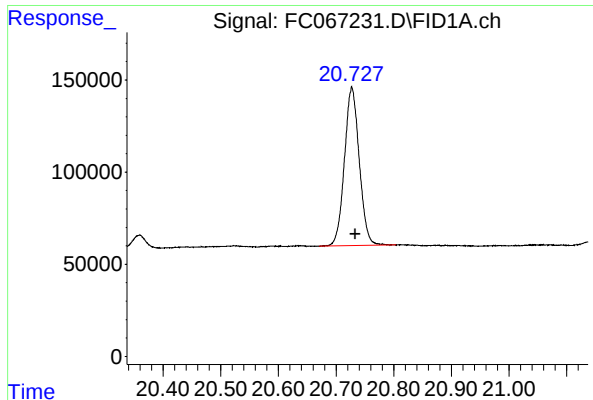
#19 n-Tetatriacontane (C34)

R.T.: 19.264 min
Delta R.T.: -0.005 min
Response: 2139162
Conc: 23.19 ug/ml



#20 n-Hexatriacontane (C36)

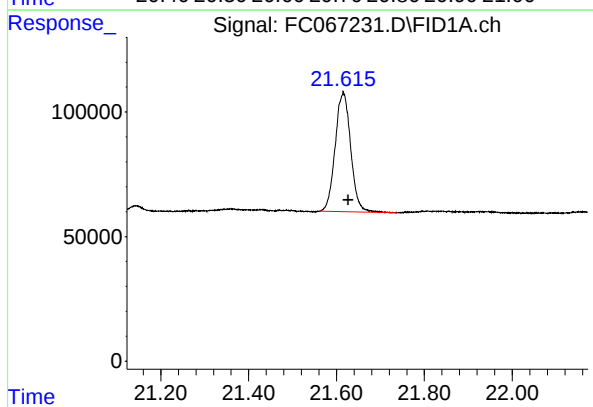
R.T.: 20.005 min
Delta R.T.: -0.004 min
Response: 1810038
Conc: 22.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.006 min
Response: 1535434
Conc: 20.44 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.011 min
Response: 1176848
Conc: 16.84 ug/ml