

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052223AL\
 Data File : FG011940.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2023 11:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 02:16:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.922	3015532	19.266 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	12.362	2301445	19.408 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	2.759	2189467	19.017 ug/ml
2) T n-Decane (C10)	3.770	2261361	19.171 ug/ml
3) T A~Naphthalene (C11.7)	5.338	2473449	18.870 ug/ml
4) T n-Dodecane (C12)	5.763	2290530	19.097 ug/ml
5) T A~2-methylnaphthalene...	6.389	2352506	18.636 ug/ml
6) T n-Tetradecane (C14)	7.557	2299455	18.936 ug/ml
7) T n-Hexadecane (C16)	9.160	2468869	19.016 ug/ml
8) T n-Octadecane (C18)	10.604	2606949	19.152 ug/ml
10) T n-Eicosane (C20)	11.916	2606219	19.312 ug/ml
11) T n-Heneicosane (C21)	12.529	2599079	19.337 ug/ml
13) T n-Docosane (C22)	13.118	2625322	19.428 ug/ml
14) T n-Tetracosane (C24)	14.221	2660219	19.546 ug/ml
15) T n-Hexacosane (C26)	15.245	2619564	19.582 ug/ml
16) T n-Octacosane (C28)	16.197	2556305	19.581 ug/ml
17) T n-Tricontane (C30)	17.086	2630666	19.946 ug/ml
18) T n-Dotriacontane (C32)	17.920	2578147	20.068 ug/ml
19) T n-Tetratriacontane (C34)	18.705	2401104	19.596 ug/ml
20) T n-Hexatriacontane (C36)	19.448	2219884	19.082 ug/ml
21) T n-Octatriacontane (C38)	20.190	2156535	19.194 ug/ml
22) T n-Tetracontane (C40)	21.114	2109784	19.582 ug/ml

(f)=RT Delta > 1/2 Window

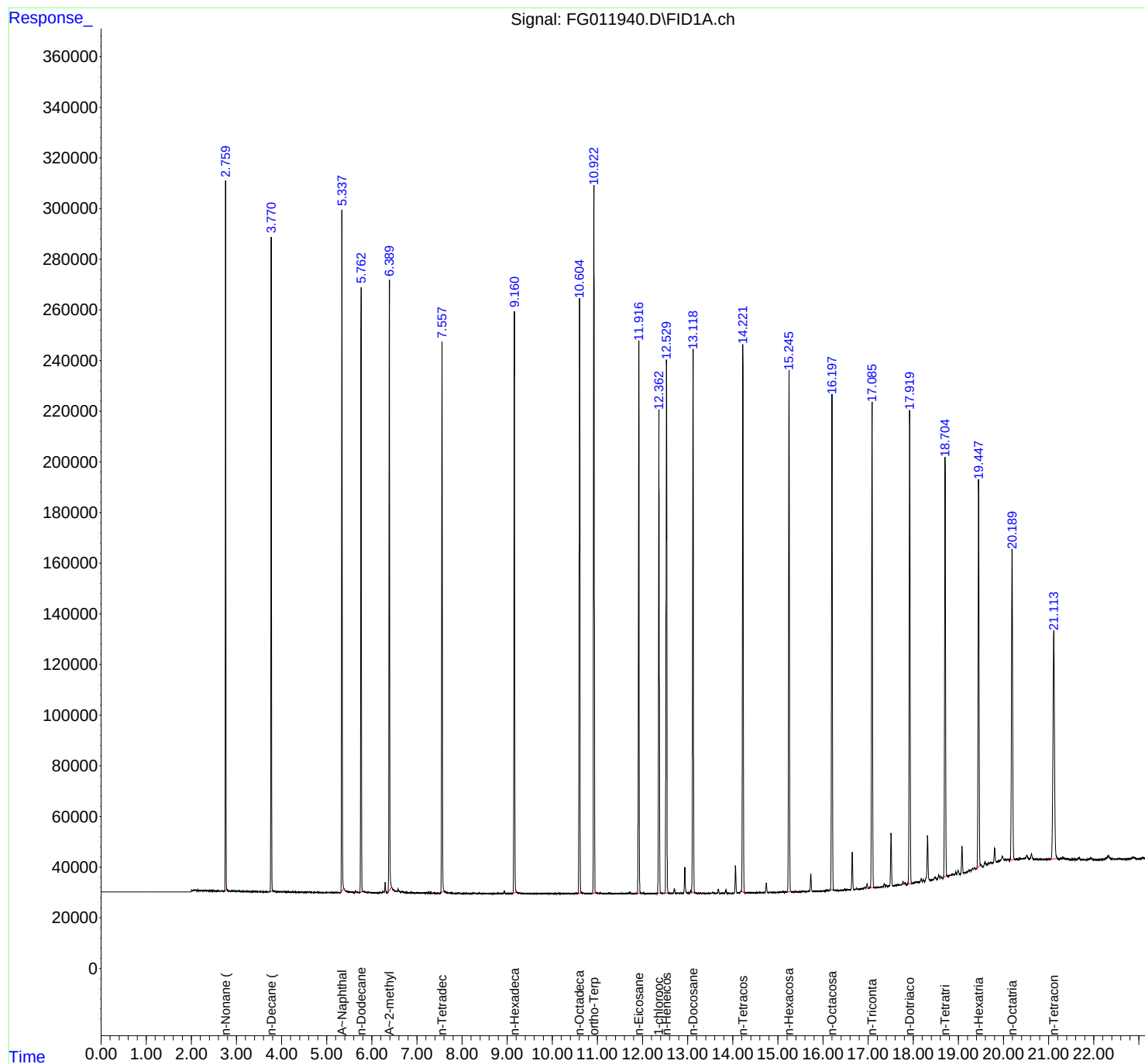
(m)=manual int.

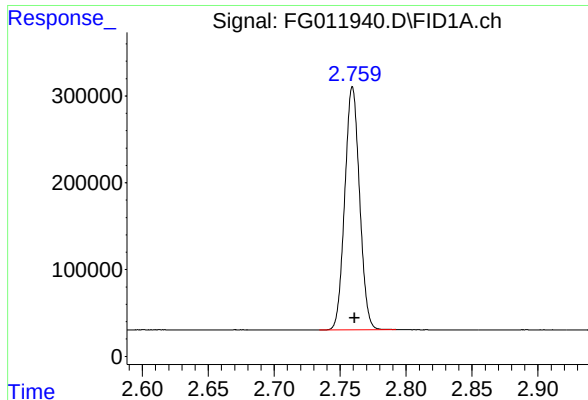
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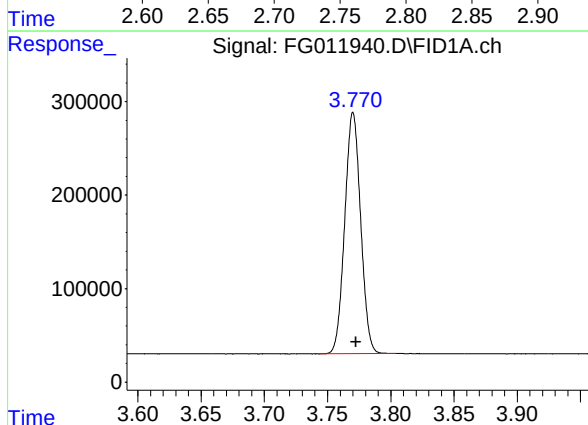




#1 n-Nonane (C9)

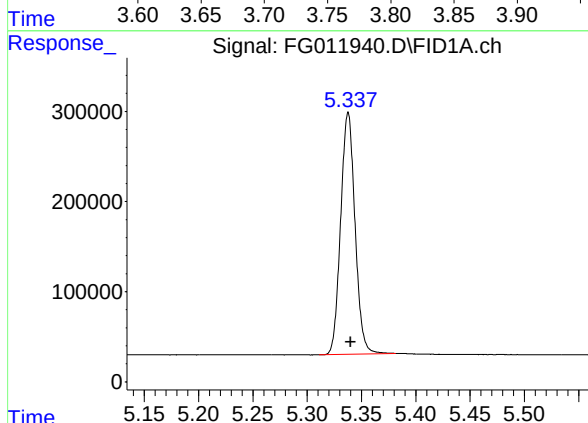
R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 2189467
Conc: 19.02 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



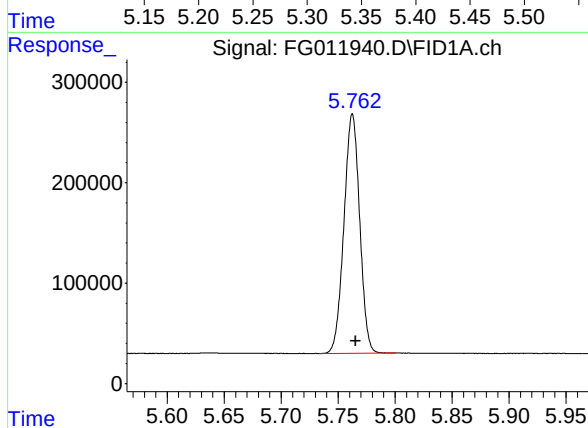
#2 n-Decane (C10)

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 2261361
Conc: 19.17 ug/ml



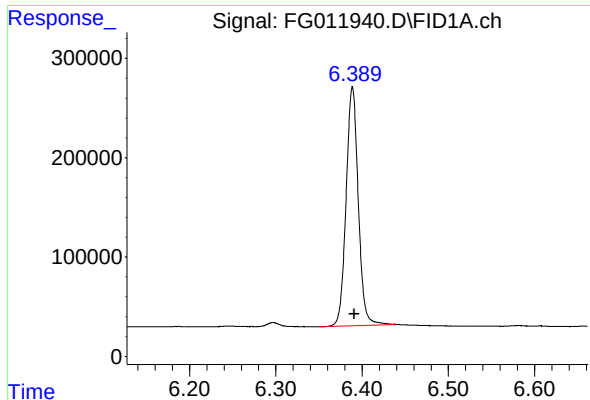
#3 A~Naphthalene (C11.7)

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 2473449
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

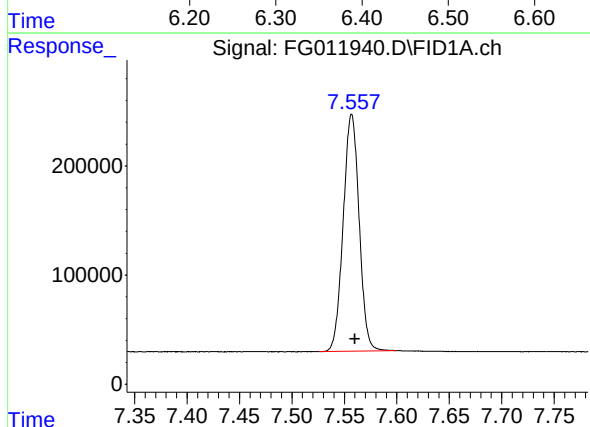
R.T.: 5.763 min
Delta R.T.: -0.003 min
Response: 2290530
Conc: 19.10 ug/ml



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

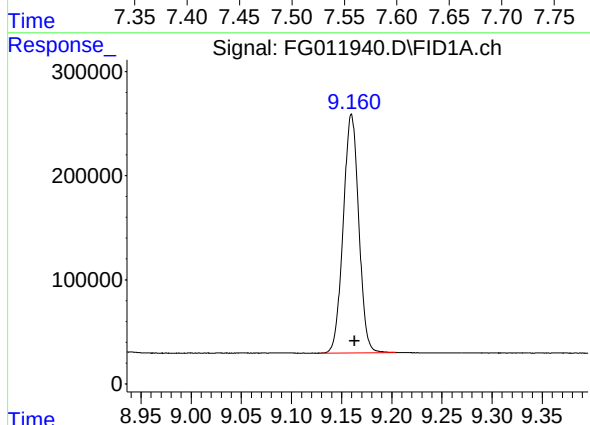
R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 2352506
Conc: 18.64 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



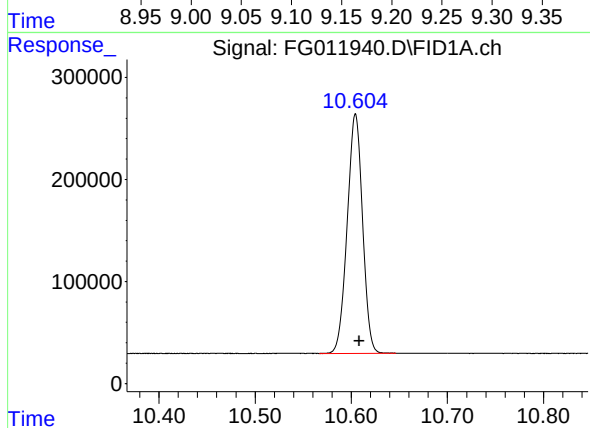
#6 n-Tetradecane (C14)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 2299455
Conc: 18.94 ug/ml



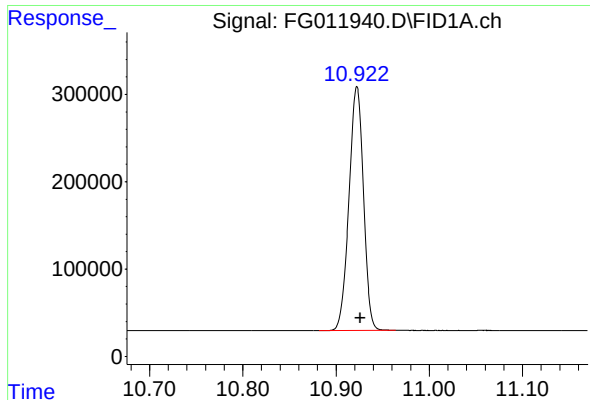
#7 n-Hexadecane (C16)

R.T.: 9.160 min
Delta R.T.: -0.003 min
Response: 2468869
Conc: 19.02 ug/ml



#8 n-Octadecane (C18)

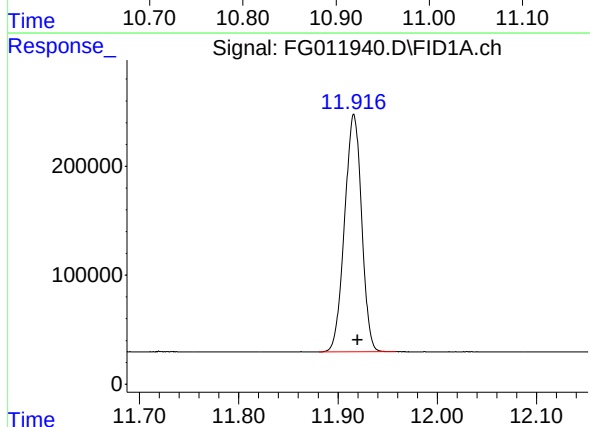
R.T.: 10.604 min
Delta R.T.: -0.004 min
Response: 2606949
Conc: 19.15 ug/ml



#9 ortho-Terphenyl (SURR)

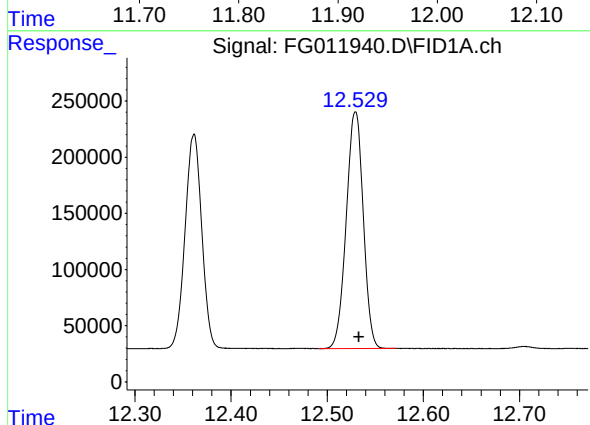
R.T.: 10.922 min
Delta R.T.: -0.004 min
Response: 3015532
Conc: 19.27 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



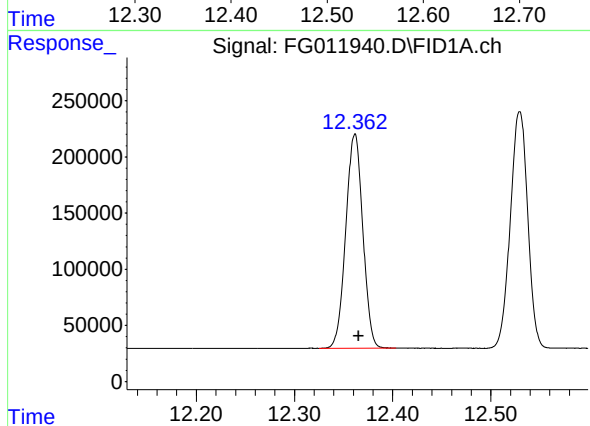
#10 n-Eicosane (C20)

R.T.: 11.916 min
Delta R.T.: -0.004 min
Response: 2606219
Conc: 19.31 ug/ml



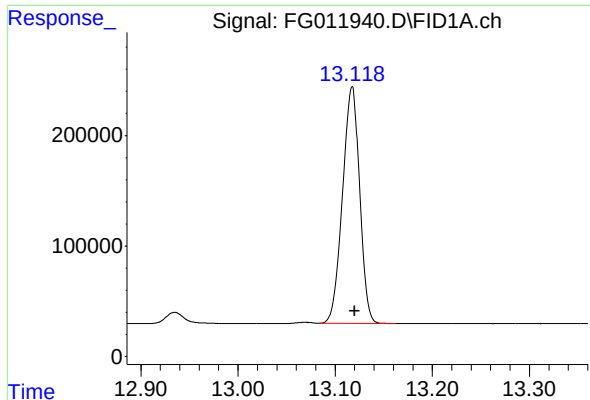
#11 n-Heneicosane (C21)

R.T.: 12.529 min
Delta R.T.: -0.004 min
Response: 2599079
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

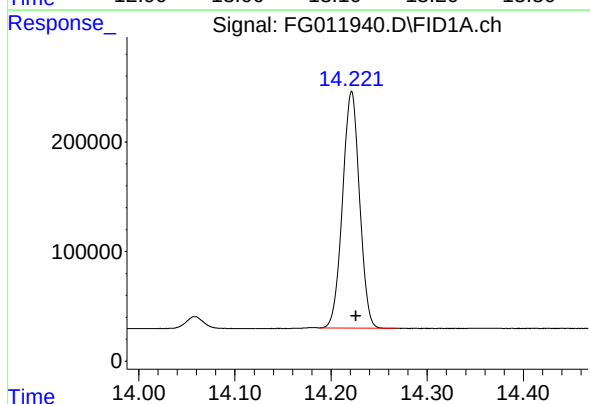
R.T.: 12.362 min
Delta R.T.: -0.004 min
Response: 2301445
Conc: 19.41 ug/ml



#13 n-Docosane (C22)

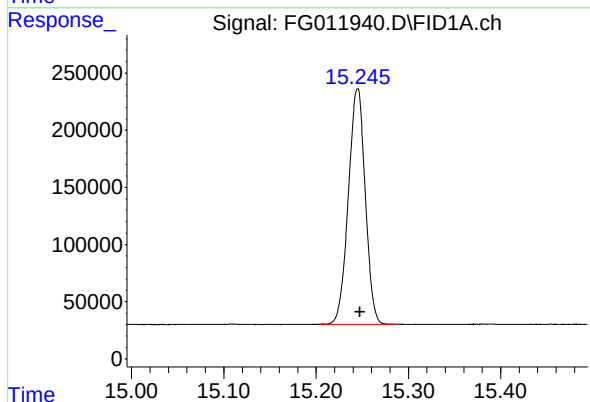
R.T.: 13.118 min
Delta R.T.: -0.002 min
Response: 2625322
Conc: 19.43 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



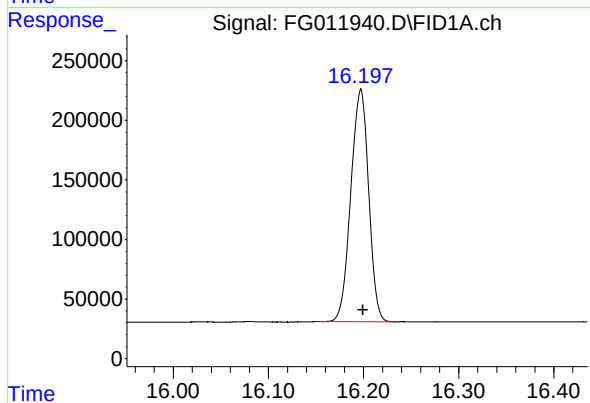
#14 n-Tetracosane (C24)

R.T.: 14.221 min
Delta R.T.: -0.004 min
Response: 2660219
Conc: 19.55 ug/ml



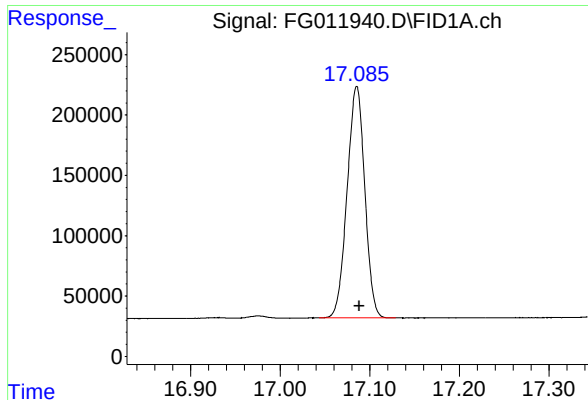
#15 n-Hexacosane (C26)

R.T.: 15.245 min
Delta R.T.: -0.002 min
Response: 2619564
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

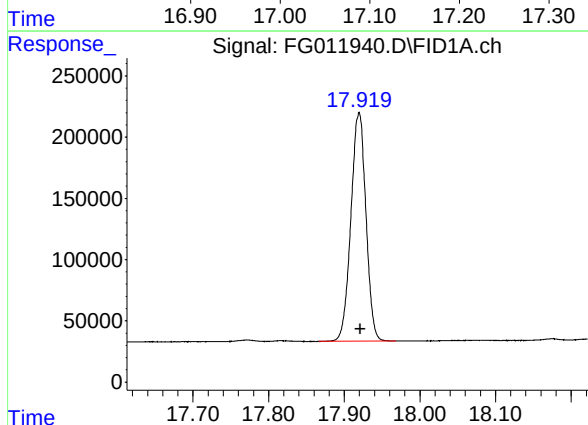
R.T.: 16.197 min
Delta R.T.: -0.002 min
Response: 2556305
Conc: 19.58 ug/ml



#17 n-Tricontane (C30)

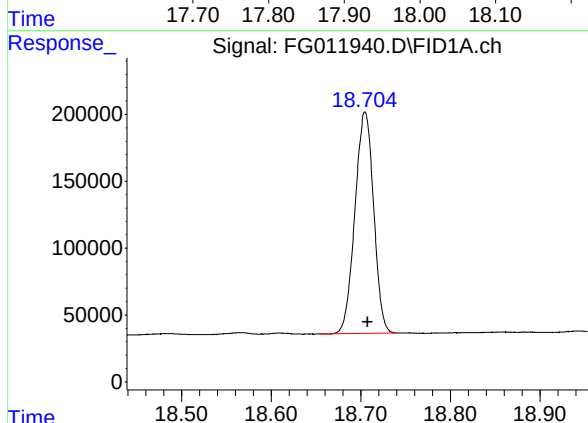
R.T.: 17.086 min
Delta R.T.: -0.003 min
Response: 2630666
Conc: 19.95 ug/ml

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FID_G
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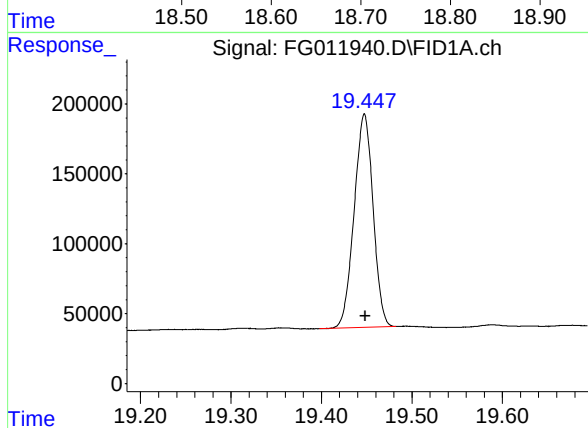
#18 n-Dotriacontane (C32)

R.T.: 17.920 min
Delta R.T.: -0.002 min
Response: 2578147
Conc: 20.07 ug/ml



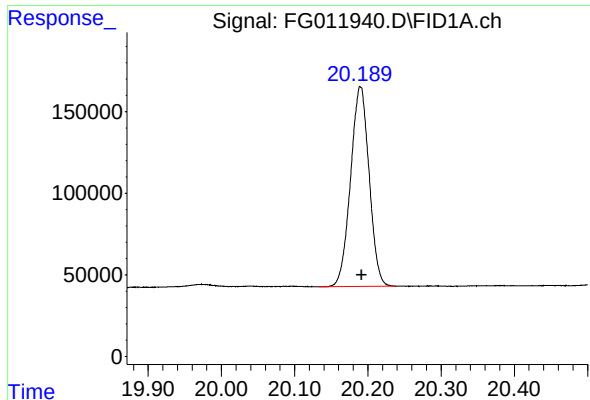
#19 n-Tetatriacontane (C34)

R.T.: 18.705 min
Delta R.T.: -0.003 min
Response: 2401104
Conc: 19.60 ug/ml



#20 n-Hexatriacontane (C36)

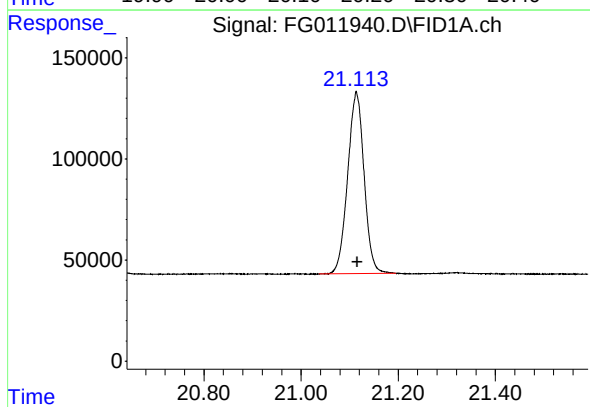
R.T.: 19.448 min
Delta R.T.: -0.001 min
Response: 2219884
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.190 min
Delta R.T.: -0.001 min
Response: 2156535
Conc: 19.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.114 min
Delta R.T.: -0.002 min
Response: 2109784
Conc: 19.58 ug/ml