

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091824AL\
 Data File : FG014249.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 11:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 19 03:21:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:16:16 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)	11.816	2553764	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
12) S 1-chlorooctadecane (S...	13.263	1907597	18.246 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.198	2277010	18.891 ug/ml
2) T n-Decane (C10)	4.447	2313507	18.870 ug/ml
3) T A~Naphthalene (C11.7)	6.146	2346393	18.995 ug/ml
4) T n-Dodecane (C12)	6.617	2295348	18.926 ug/ml
5) T A~2-methylnaphthalene...	7.245	2099626	19.369 ug/ml
6) T n-Tetradecane (C14)	8.450	2301854	19.340 ug/ml
7) T n-Hexadecane (C16)	10.062	2359381	18.904 ug/ml
8) T n-Octadecane (C18)	11.507	2408792	18.951 ug/ml
10) T n-Eicosane (C20)	12.819	2311716	18.842 ug/ml
11) T n-Heneicosane (C21)	13.432	2271035	18.823 ug/ml
13) T n-Docosane (C22)	14.020	2246660	18.745 ug/ml
14) T n-Tetracosane (C24)	15.127	2229087	18.722 ug/ml
15) T n-Hexacosane (C26)	16.150	2175204	18.658 ug/ml
16) T n-Octacosane (C28)	17.102	2097935	18.450 ug/ml
17) T n-Tricontane (C30)	17.993	2094531	18.142 ug/ml
18) T n-Dotriacontane (C32)	18.828	1983710	17.838 ug/ml
19) T n-Tetratriacontane (C34)	19.614	1718863	17.626 ug/ml
20) T n-Hexatriacontane (C36)	20.356	1466427	16.421 ug/ml
21) T n-Octatriacontane (C38)	21.086	1352778	16.757 ug/ml
22) T n-Tetracontane (C40)	21.980	1252744	15.389 ug/ml

(f)=RT Delta > 1/2 Window

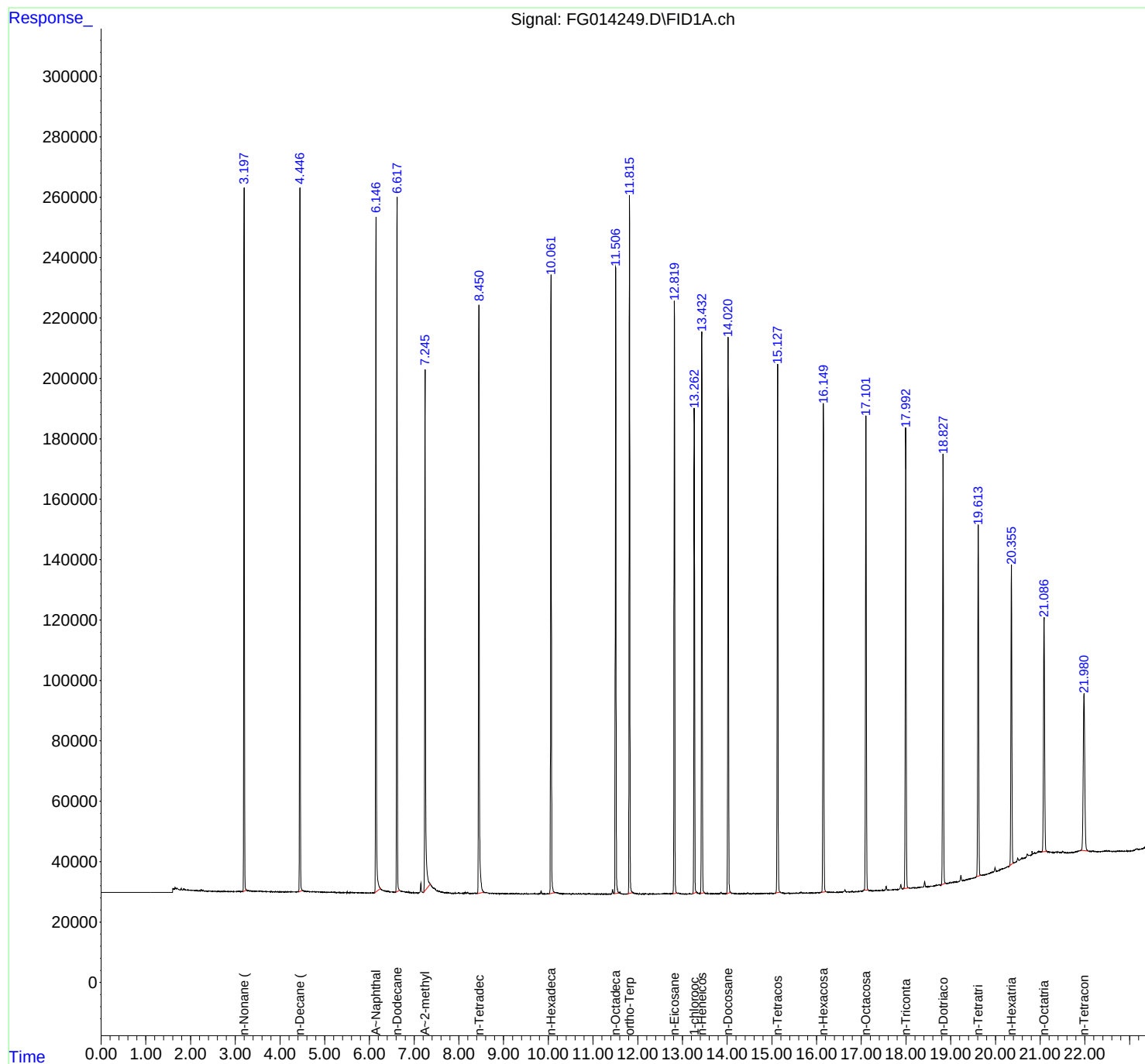
(m)=manual int.

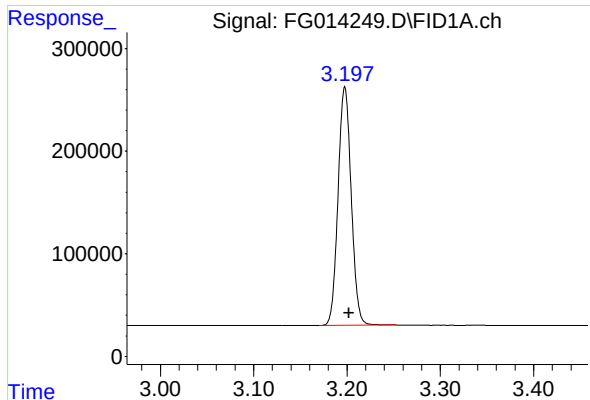
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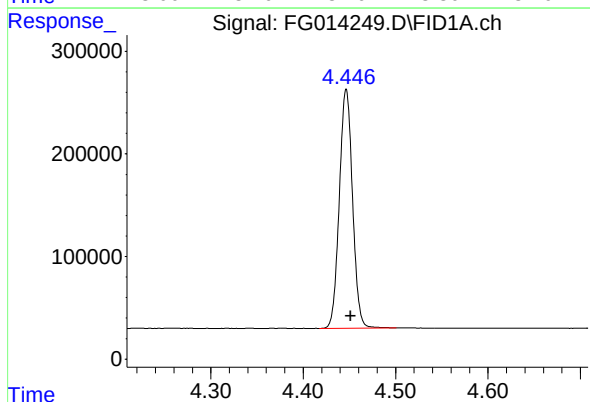




#1 n-Nonane (C9)

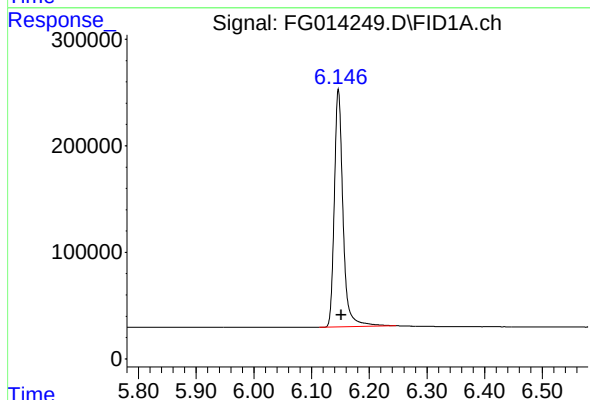
R.T.: 3.198 min
Delta R.T.: -0.004 min
Response: 2277010
Conc: 18.89 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



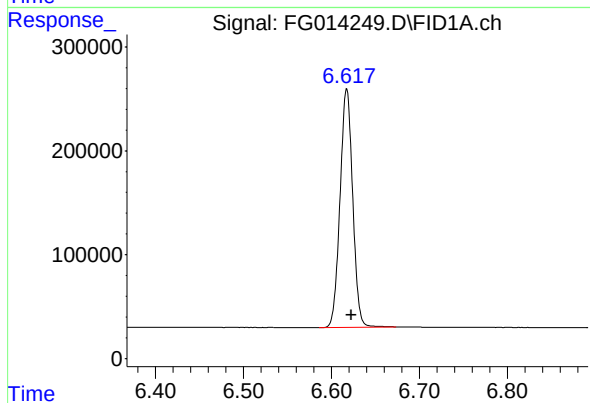
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.005 min
Response: 2313507
Conc: 18.87 ug/ml



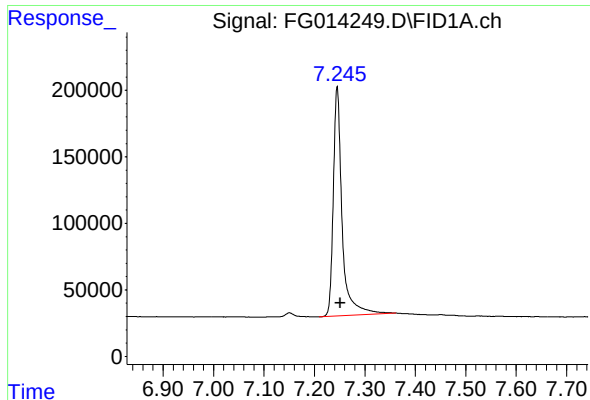
#3 A~Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 2346393
Conc: 19.00 ug/ml



#4 n-Dodecane (C12)

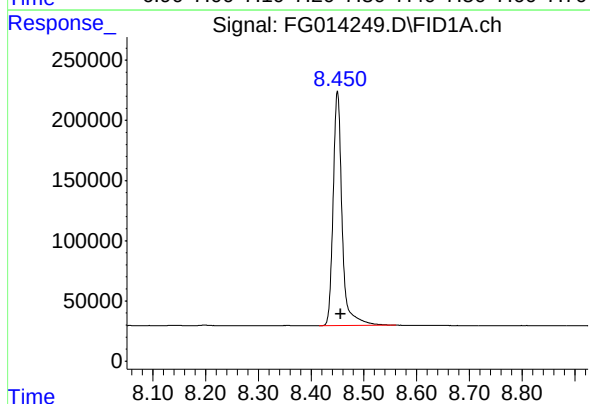
R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 2295348
Conc: 18.93 ug/ml



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

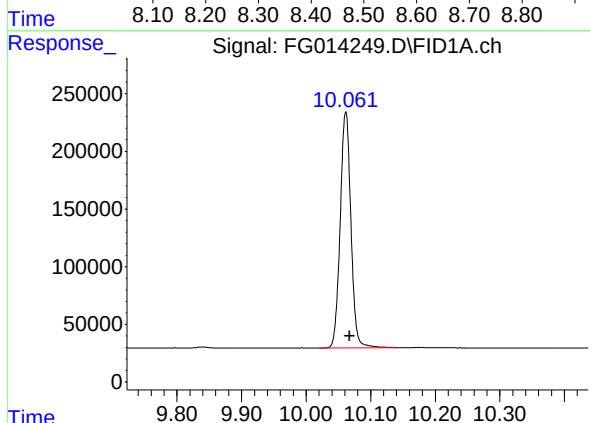
R.T.: 7.245 min
Delta R.T.: -0.006 min
Response: 2099626
Conc: 19.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



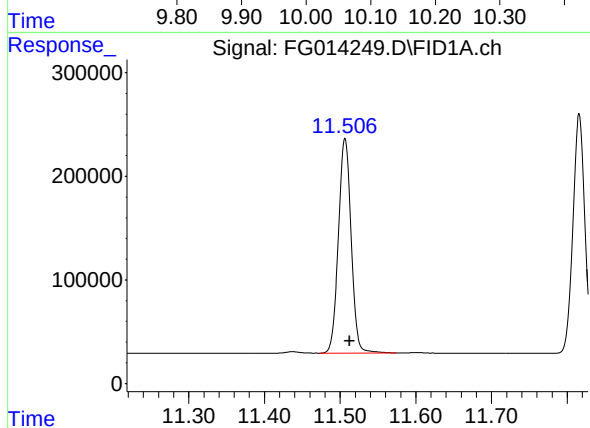
#6 n-Tetradecane (C14)

R.T.: 8.450 min
Delta R.T.: -0.006 min
Response: 2301854
Conc: 19.34 ug/ml



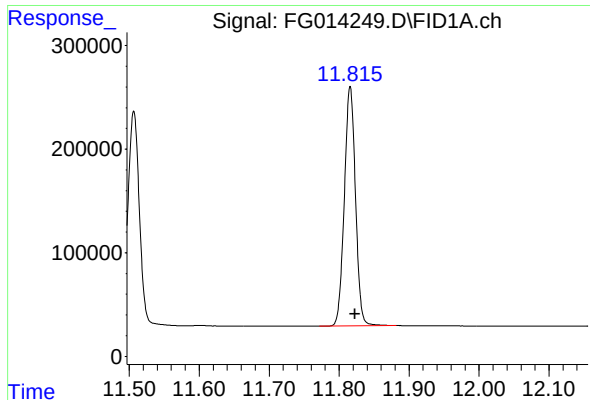
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.006 min
Response: 2359381
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

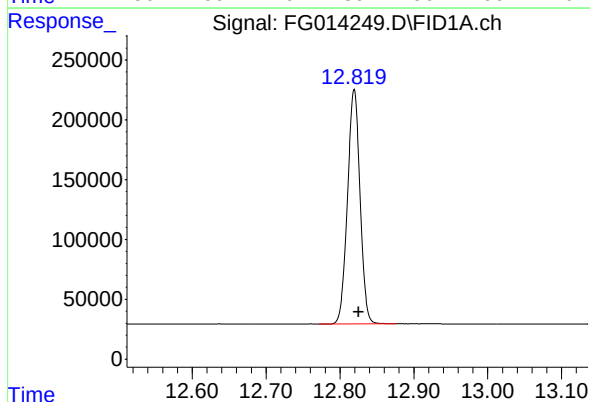
R.T.: 11.507 min
Delta R.T.: -0.006 min
Response: 2408792
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

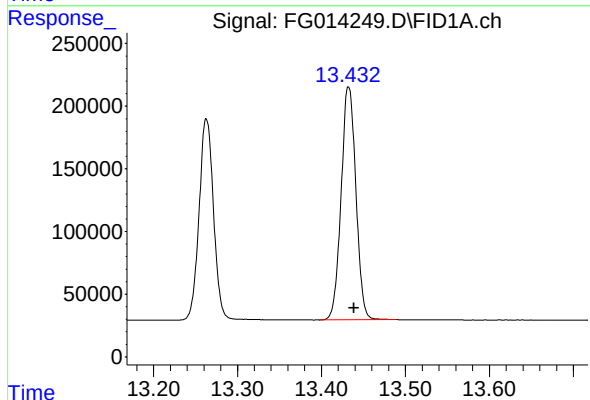
R.T.: 11.816 min
Delta R.T.: -0.007 min
Response: 2553764
Conc: 18.92 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



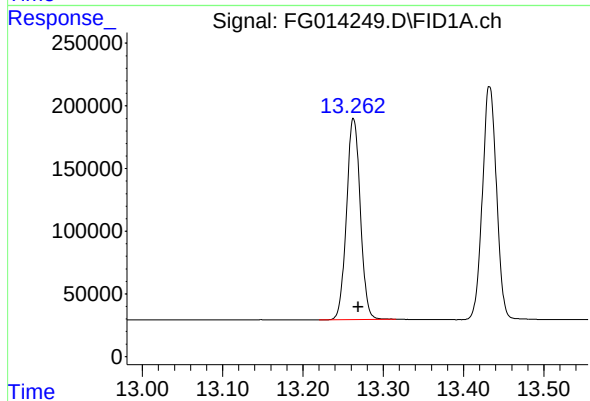
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.006 min
Response: 2311716
Conc: 18.84 ug/ml



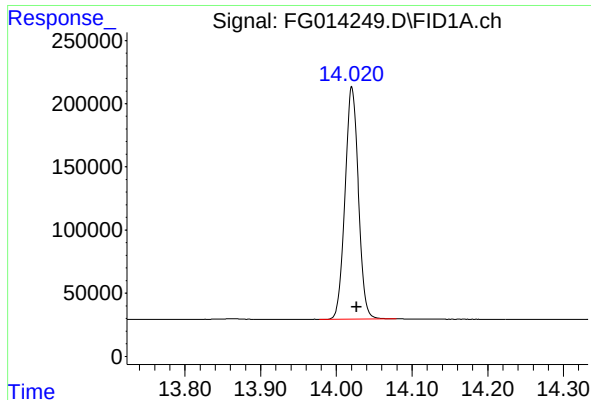
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.006 min
Response: 2271035
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

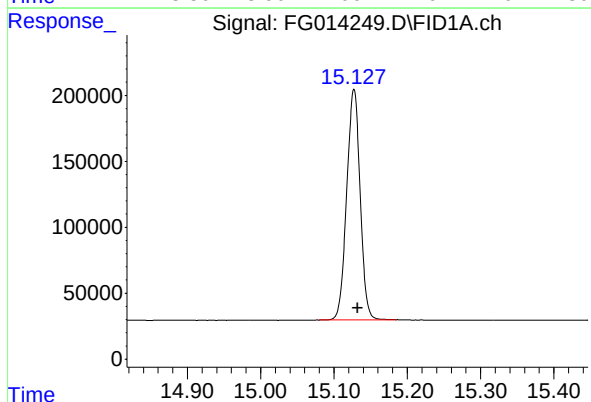
R.T.: 13.263 min
Delta R.T.: -0.006 min
Response: 1907597
Conc: 18.25 ug/ml



#13 n-Docosane (C22)

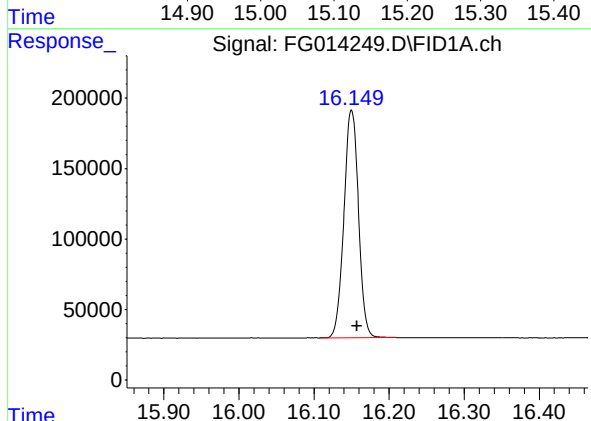
R.T.: 14.020 min
Delta R.T.: -0.006 min
Response: 2246660
Conc: 18.74 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



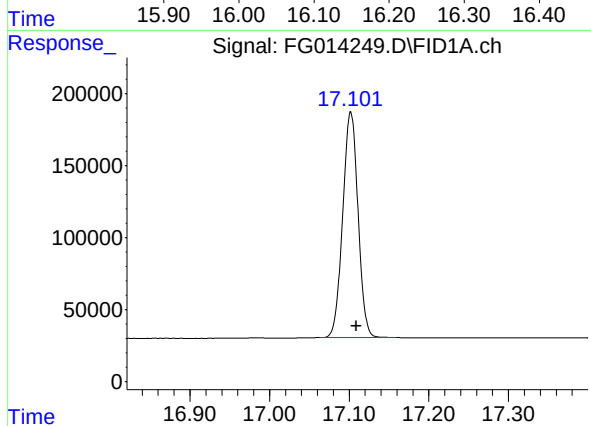
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.005 min
Response: 2229087
Conc: 18.72 ug/ml



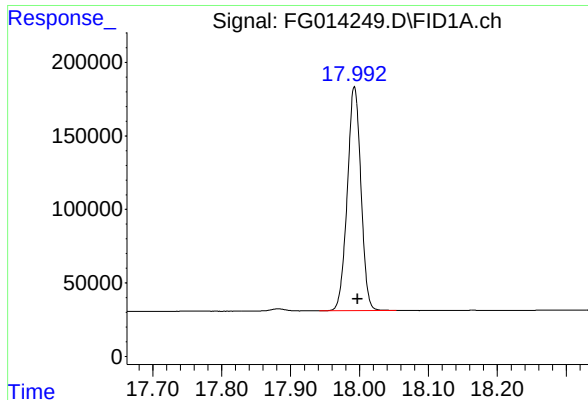
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.007 min
Response: 2175204
Conc: 18.66 ug/ml



#16 n-Octacosane (C28)

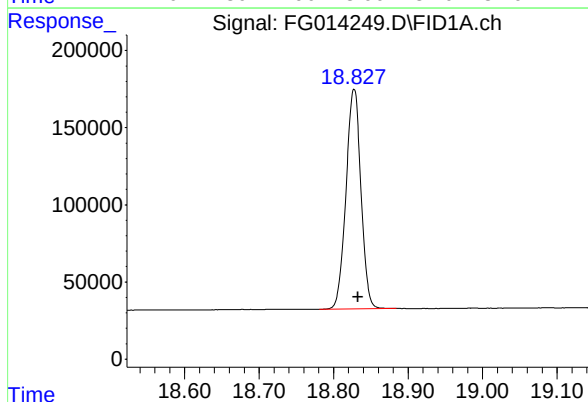
R.T.: 17.102 min
Delta R.T.: -0.007 min
Response: 2097935
Conc: 18.45 ug/ml



#17 n-Tricontane (C30)

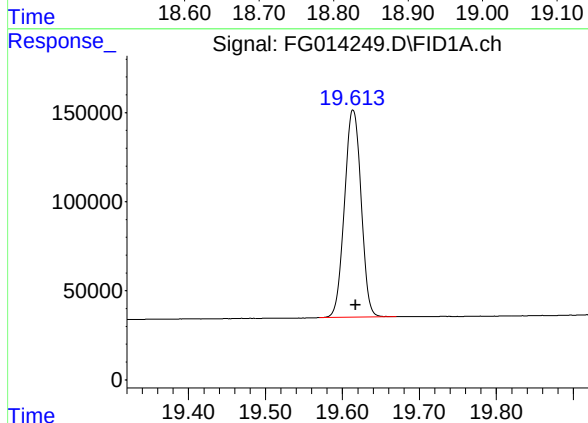
R.T.: 17.993 min
Delta R.T.: -0.005 min
Response: 2094531
Conc: 18.14 ug/ml

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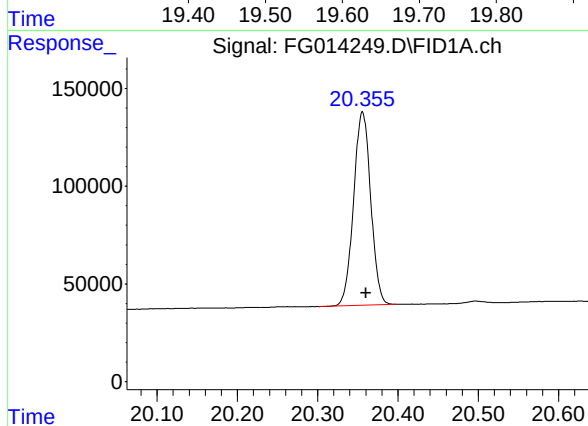
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.005 min
Response: 1983710
Conc: 17.84 ug/ml



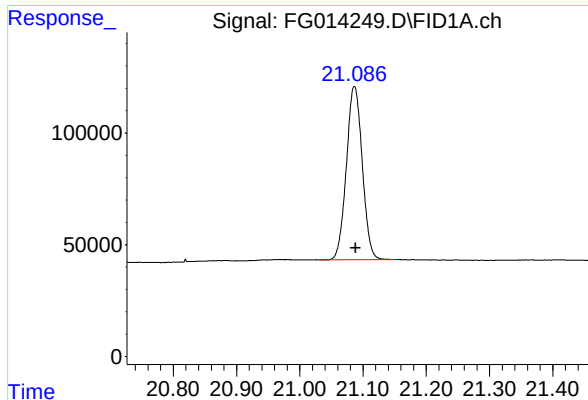
#19 n-Tetatriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.003 min
Response: 1718863
Conc: 17.63 ug/ml



#20 n-Hexatriacontane (C36)

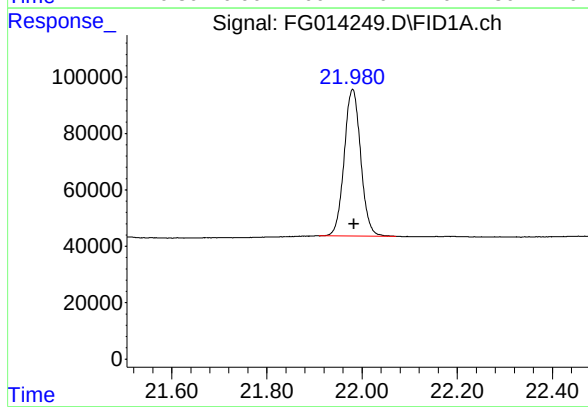
R.T.: 20.356 min
Delta R.T.: -0.004 min
Response: 1466427
Conc: 16.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.002 min
Response: 1352778
Conc: 16.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: -0.003 min
Response: 1252744
Conc: 15.39 ug/ml