

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009233.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2021 13:18
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 14 15:19:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 15:18:23 2021
 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)	10.767	15289826	113.841 ug/ml
Spiked Amount 50.000		Recovery =	227.68%
12) S 1-chlorooctadecane (S...	12.209	12130790	115.242 ug/ml
Spiked Amount 50.000		Recovery =	230.48%
Target Compounds			
1) T n-Nonane (C9)	2.614	13247591	115.396 ug/ml
2) T n-Decane (C10)	3.619	13342384	116.481 ug/ml
3) T A~Naphthalene (C11.7)	5.178	14882188	123.047 ug/ml
4) T n-Dodecane (C12)	5.610	13344420	115.499 ug/ml
5) T A~2-methylnaphthalene...	6.232	14819251	126.742 ug/ml
6) T n-Tetradecane (C14)	7.406	13363070	114.618 ug/ml
7) T n-Hexadecane (C16)	9.009	13545277	115.079 ug/ml
8) T n-Octadecane (C18)	10.455	14096820	114.266 ug/ml
10) T n-Eicosane (C20)	11.766	14194220	114.430 ug/ml
11) T n-Heneicosane (C21)	12.379	14505355	113.197 ug/ml
13) T n-Docosane (C22)	12.966	14489027	112.867 ug/ml
14) T n-Tetracosane (C24)	14.071	14705675	112.408 ug/ml
15) T n-Hexacosane (C26)	15.094	14586085	111.516 ug/ml
16) T n-Octacosane (C28)	16.044	14502918	110.519 ug/ml
17) T n-Tricontane (C30)	16.934	14133771	110.688 ug/ml
18) T n-Dotriacontane (C32)	17.765	13383523	110.966 ug/ml
19) T n-Tetratriacontane (C34)	18.550	12850214	111.420 ug/ml
20) T n-Hexatriacontane (C36)	19.289	12113871	112.388 ug/ml
21) T n-Octatriacontane (C38)	20.009	11582712	111.524 ug/ml
22) T n-Tetracontane (C40)	20.874	11549150	116.817 ug/ml

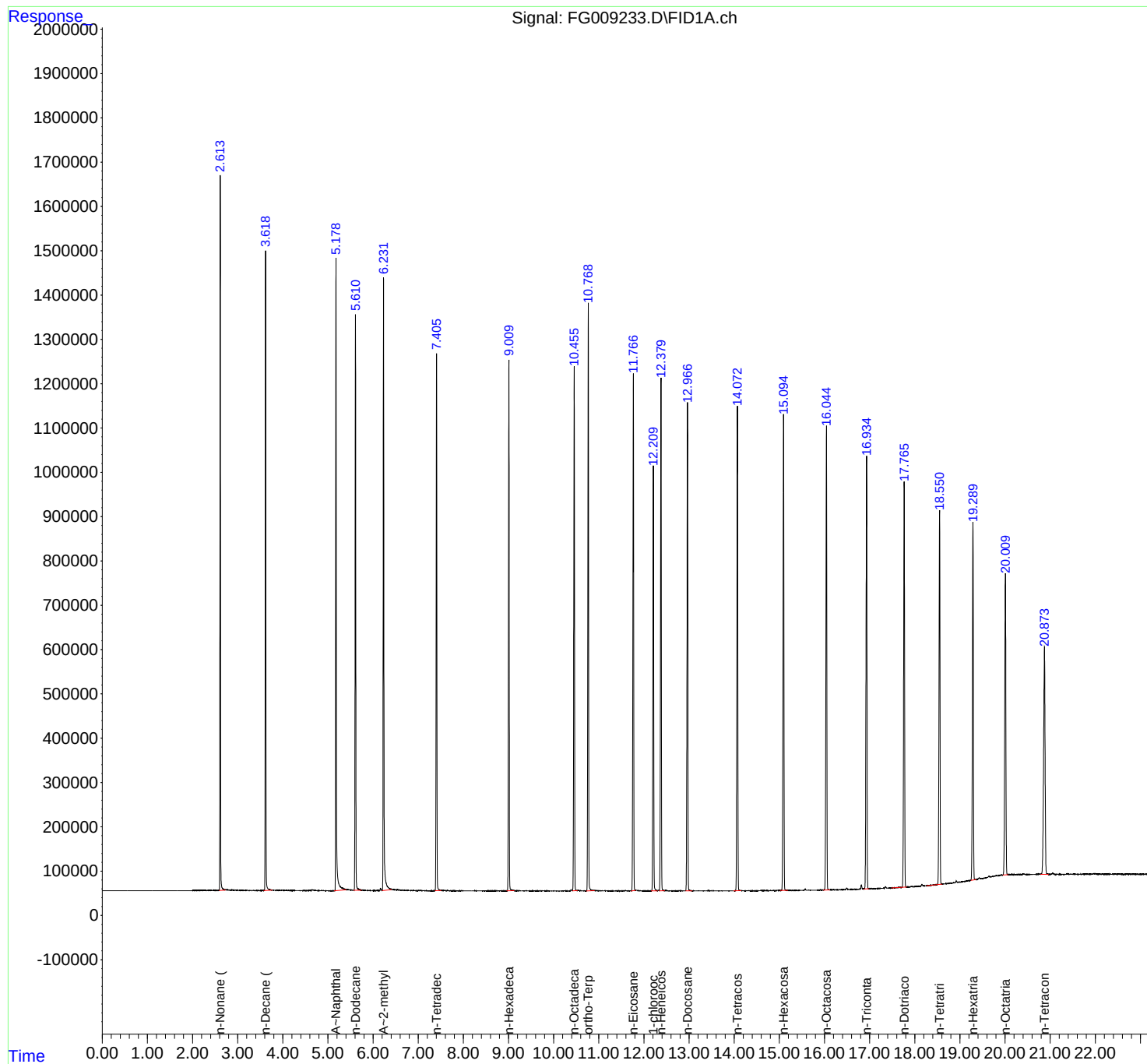
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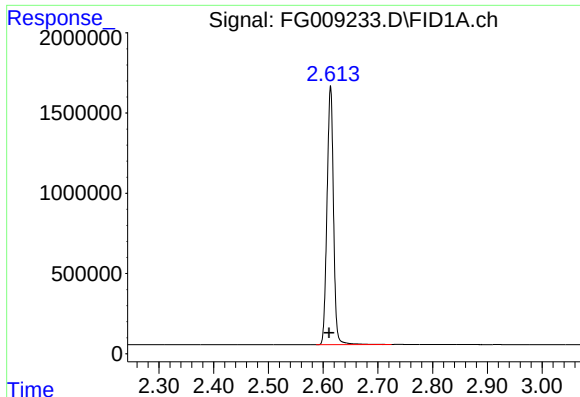
(m)=manual int.

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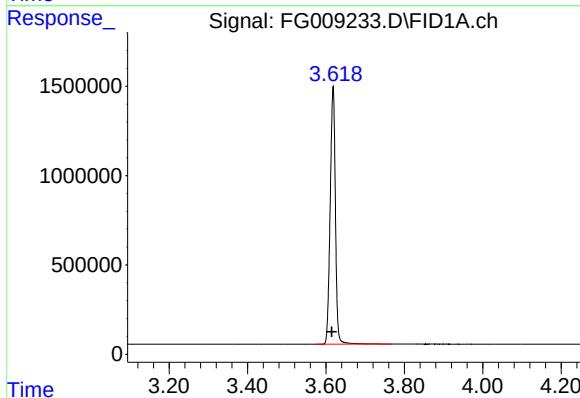
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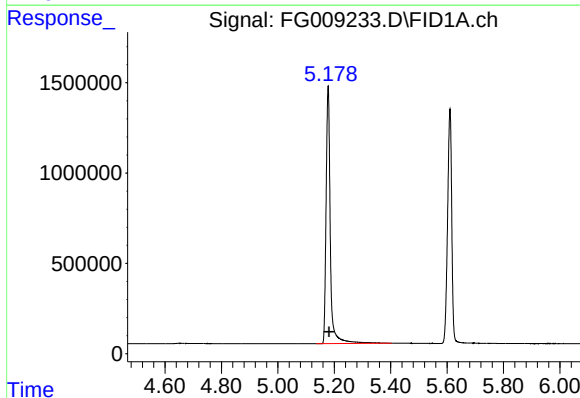
#1 n-Nonane (C9)

R.T.: 2.614 min
Delta R.T.: 0.003 min
Response: 13247591
Conc: 115.40 ug/ml



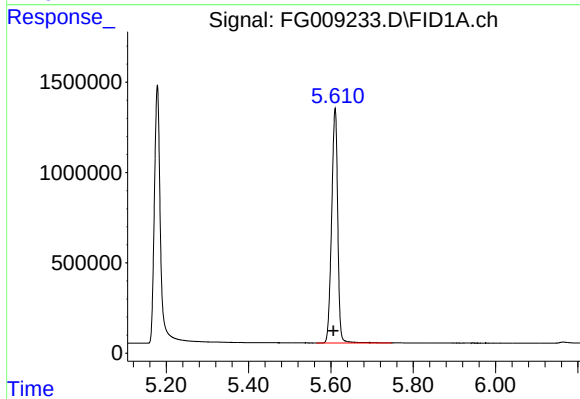
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: 0.004 min
Response: 13342384
Conc: 116.48 ug/ml



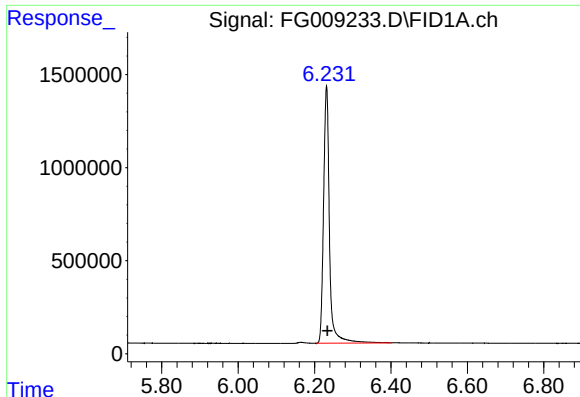
#3 A~Naphthalene (C11.7)

R.T.: 5.178 min
Delta R.T.: -0.003 min
Response: 14882188
Conc: 123.05 ug/ml



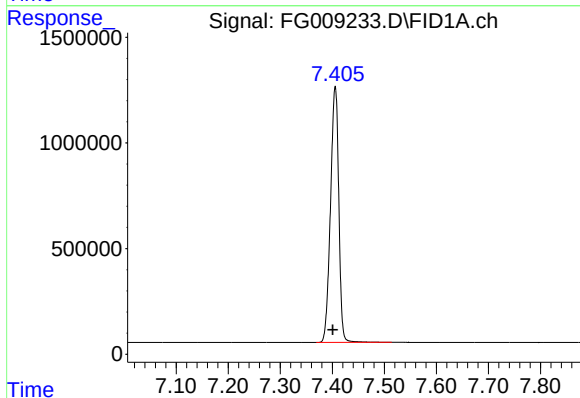
#4 n-Dodecane (C12)

R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 13344420
Conc: 115.50 ug/ml



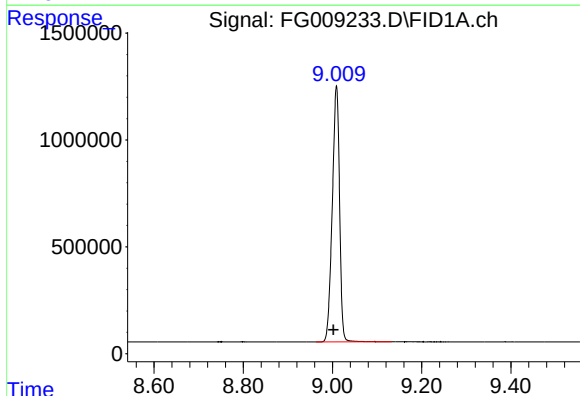
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 14819251
Conc: 126.74 ug/ml



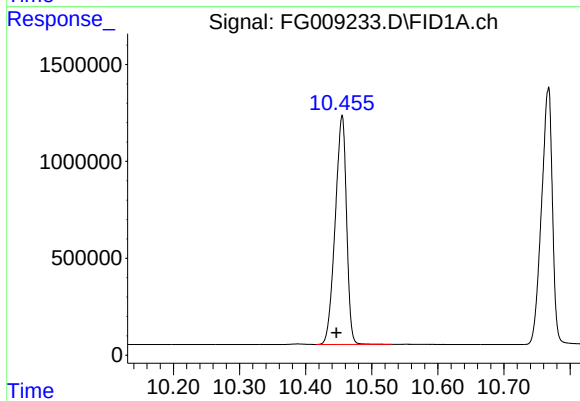
#6 n-Tetradecane (C14)

R.T.: 7.406 min
Delta R.T.: 0.005 min
Response: 13363070
Conc: 114.62 ug/ml



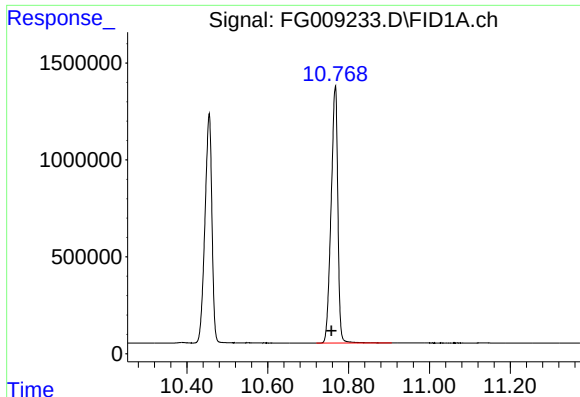
#7 n-Hexadecane (C16)

R.T.: 9.009 min
Delta R.T.: 0.007 min
Response: 13545277
Conc: 115.08 ug/ml



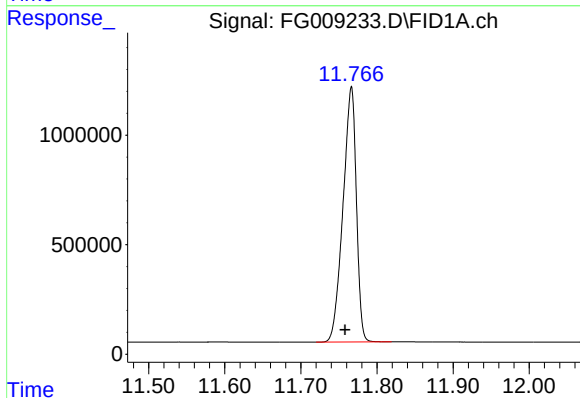
#8 n-Octadecane (C18)

R.T.: 10.455 min
Delta R.T.: 0.009 min
Response: 14096820
Conc: 114.27 ug/ml



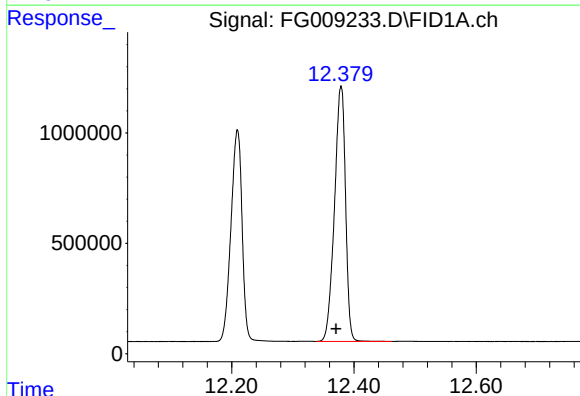
#9 ortho-Terphenyl (SURR)

R.T.: 10.767 min
Delta R.T.: 0.009 min
Response: 15289826
Conc: 113.84 ug/ml



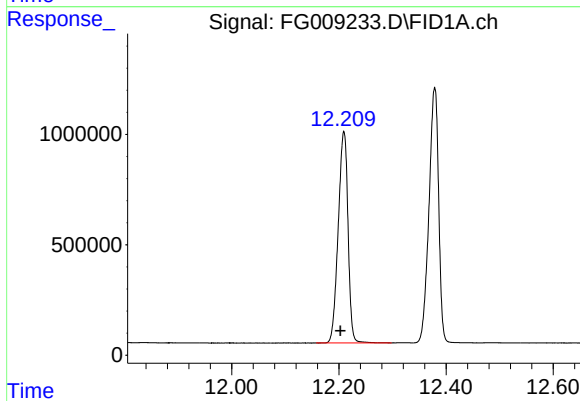
#10 n-Eicosane (C20)

R.T.: 11.766 min
Delta R.T.: 0.008 min
Response: 14194220
Conc: 114.43 ug/ml



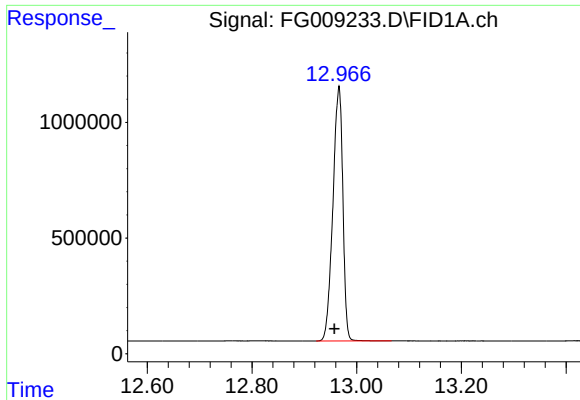
#11 n-Heneicosane (C21)

R.T.: 12.379 min
Delta R.T.: 0.008 min
Response: 14505355
Conc: 113.20 ug/ml



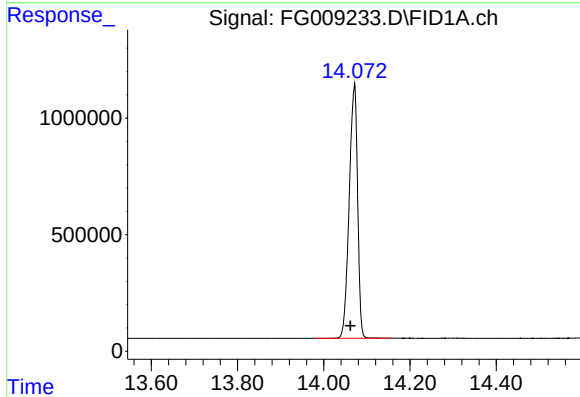
#12 1-chlorooctadecane (SURR)

R.T.: 12.209 min
Delta R.T.: 0.007 min
Response: 12130790
Conc: 115.24 ug/ml



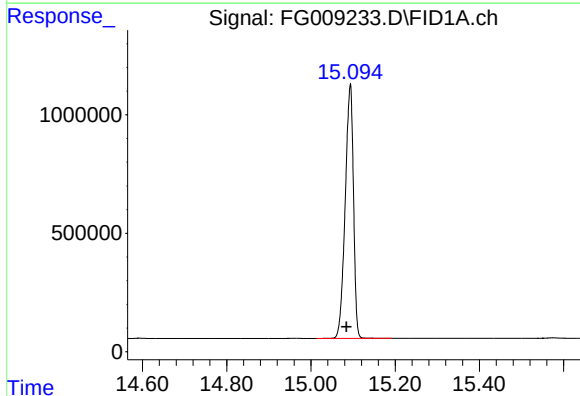
#13 n-Docosane (C22)

R.T.: 12.966 min
Delta R.T.: 0.009 min
Response: 14489027
Conc: 112.87 ug/ml



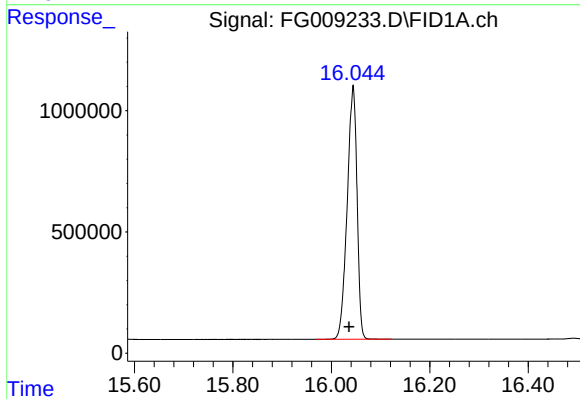
#14 n-Tetracosane (C24)

R.T.: 14.071 min
Delta R.T.: 0.010 min
Response: 14705675
Conc: 112.41 ug/ml



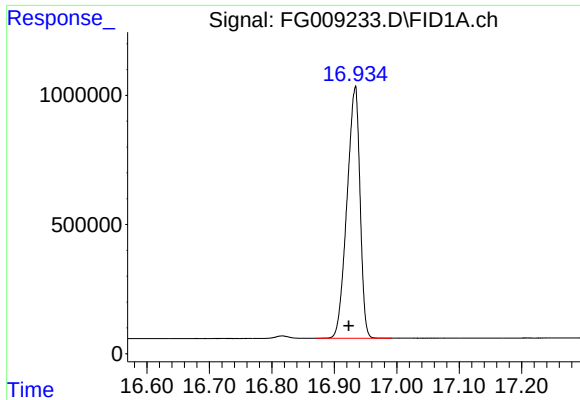
#15 n-Hexacosane (C26)

R.T.: 15.094 min
Delta R.T.: 0.009 min
Response: 14586085
Conc: 111.52 ug/ml



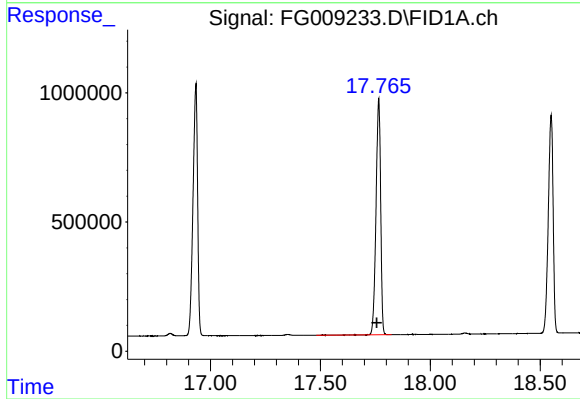
#16 n-Octacosane (C28)

R.T.: 16.044 min
Delta R.T.: 0.008 min
Response: 14502918
Conc: 110.52 ug/ml



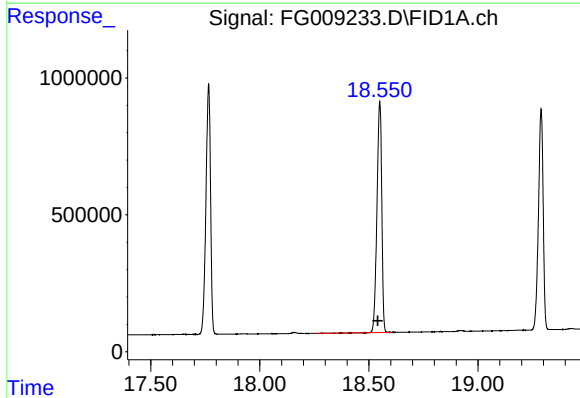
#17 n-Tricontane (C30)

R.T.: 16.934 min
Delta R.T.: 0.010 min
Response: 14133771
Conc: 110.69 ug/ml



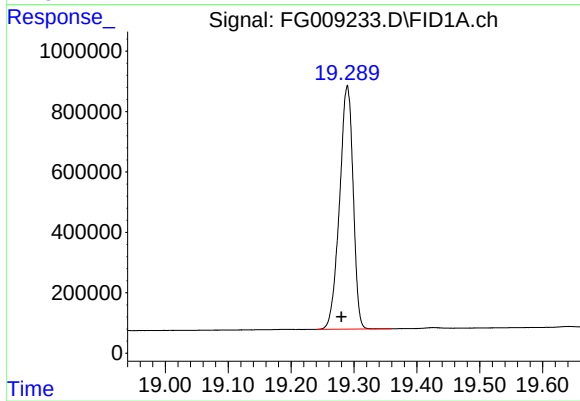
#18 n-Dotriacontane (C32)

R.T.: 17.765 min
Delta R.T.: 0.009 min
Response: 13383523
Conc: 110.97 ug/ml



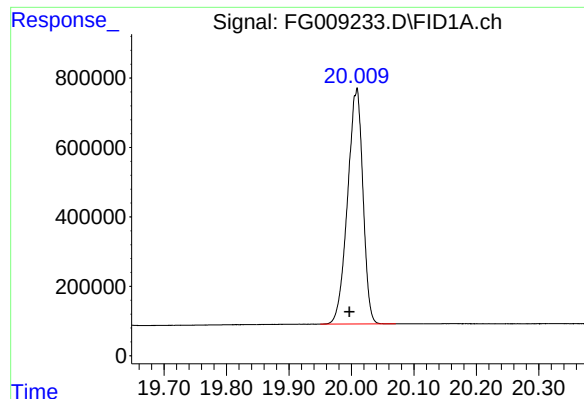
#19 n-Tetratriacontane (C34)

R.T.: 18.550 min
Delta R.T.: 0.009 min
Response: 12850214
Conc: 111.42 ug/ml



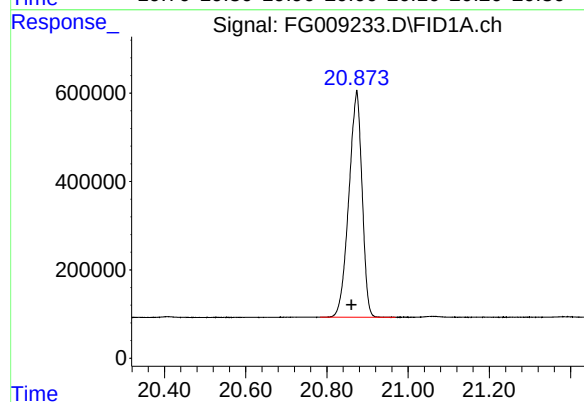
#20 n-Hexatriacontane (C36)

R.T.: 19.289 min
Delta R.T.: 0.010 min
Response: 12113871
Conc: 112.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.009 min
Delta R.T.: 0.012 min
Response: 11582712
Conc: 111.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.874 min
Delta R.T.: 0.013 min
Response: 11549150
Conc: 116.82 ug/ml