

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009733.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2022 02:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 04 04:01:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 14:00:27 2022
 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)	10.837	3035469	19.804 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	12.290	2390198	19.642 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	2.666	2583610	20.356 ug/ml
2) T n-Decane (C10)	3.678	2552168	20.656 ug/ml
3) T A~Naphthalene (C11.7)	5.239	2886331	20.720 ug/ml
4) T n-Dodecane (C12)	5.676	2638506	20.660 ug/ml
5) T A~2-methylnaphthalene...	6.293	2931265	21.301 ug/ml
6) T n-Tetradecane (C14)	7.475	2645169	20.687 ug/ml
7) T n-Hexadecane (C16)	9.081	2642150	19.857 ug/ml
8) T n-Octadecane (C18)	10.529	2781436	20.111 ug/ml
10) T n-Eicosane (C20)	11.844	2760860	19.828 ug/ml
11) T n-Heneicosane (C21)	12.459	2765667	19.619 ug/ml
13) T n-Docosane (C22)	13.047	2763215	19.544 ug/ml
14) T n-Tetracosane (C24)	14.155	2750127	19.297 ug/ml
15) T n-Hexacosane (C26)	15.181	2684146	18.835 ug/ml
16) T n-Octacosane (C28)	16.134	2629405	18.498 ug/ml
17) T n-Tricontane (C30)	17.025	2525516	18.051 ug/ml
18) T n-Dotriacontane (C32)	17.862	2334174	17.721 ug/ml
19) T n-Tetratriacontane (C34)	18.648	2156657	18.382 ug/ml
20) T n-Hexatriacontane (C36)	19.392	1880097	18.797 ug/ml
21) T n-Octatriacontane (C38)	20.130	1728891	19.939 ug/ml
22) T n-Tetracontane (C40)	21.038	1639220	20.549 ug/ml

(f)=RT Delta > 1/2 Window

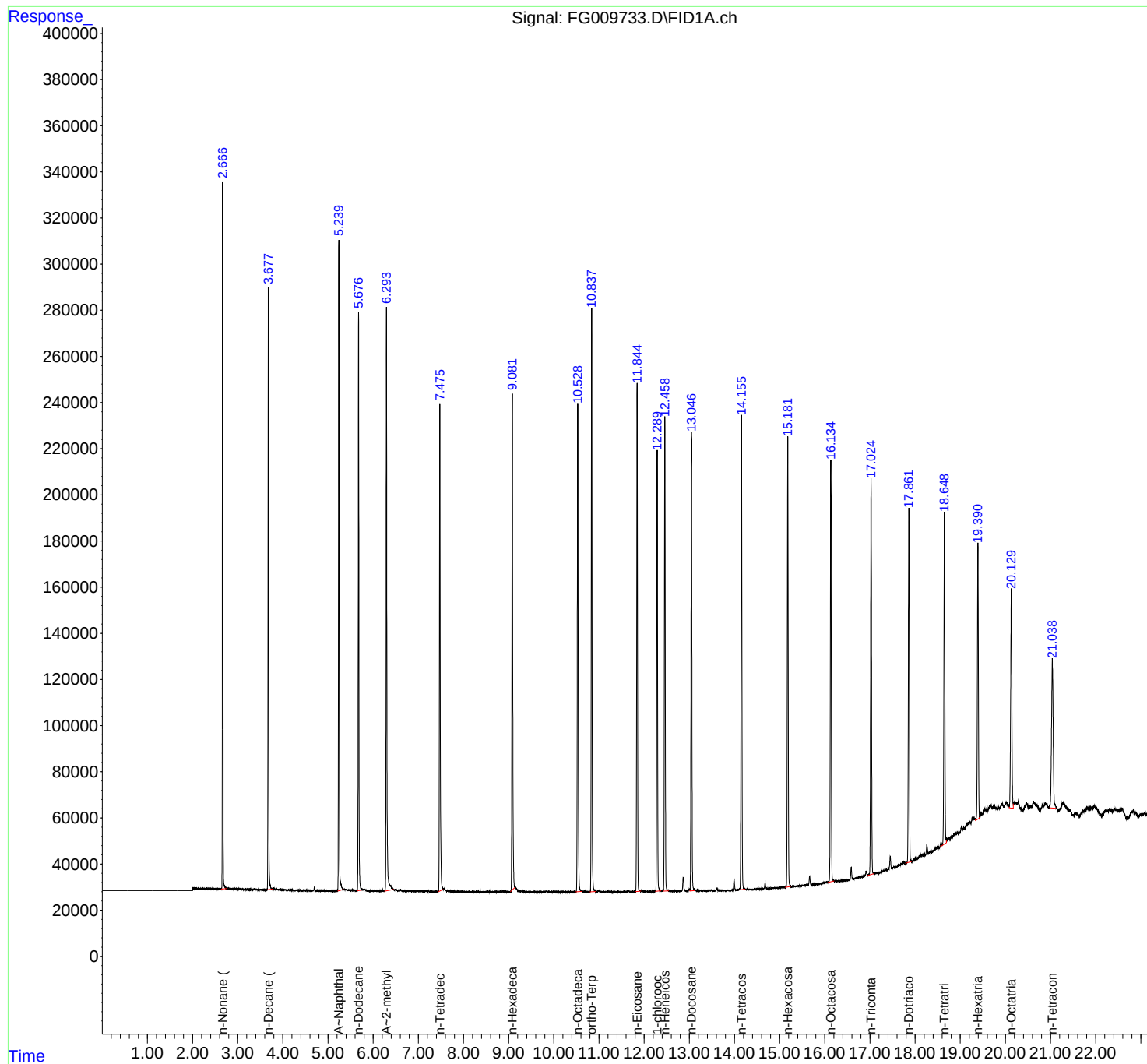
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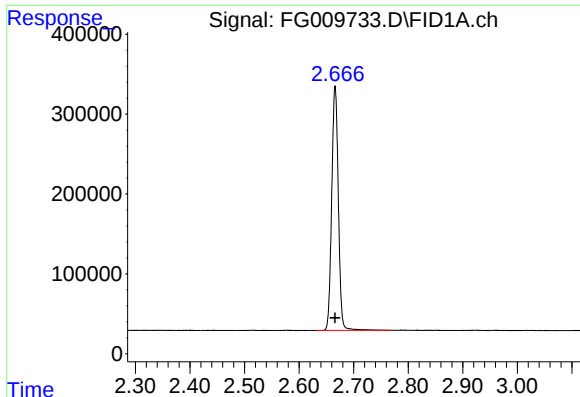
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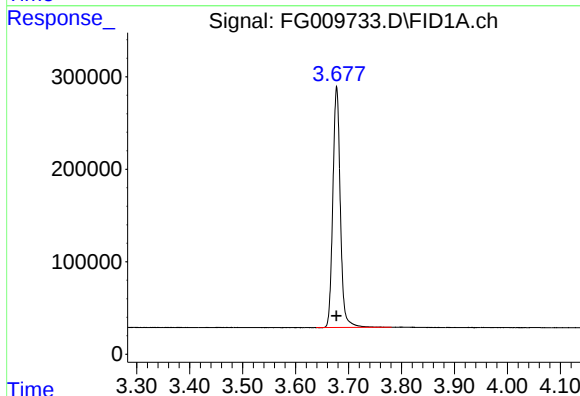




#1 n-Nonane (C9)

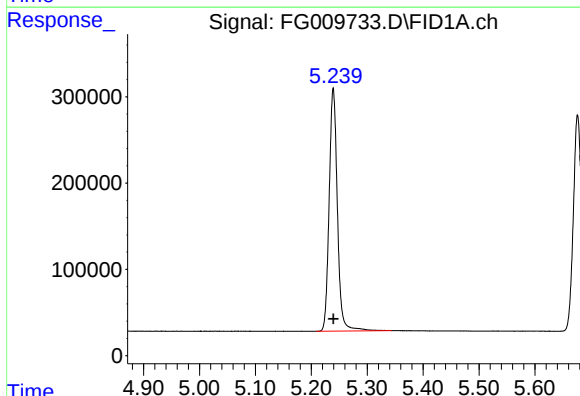
R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 2583610
Conc: 20.36 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



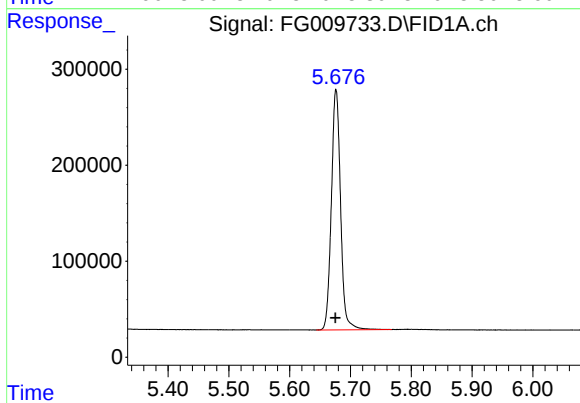
#2 n-Decane (C10)

R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 2552168
Conc: 20.66 ug/ml



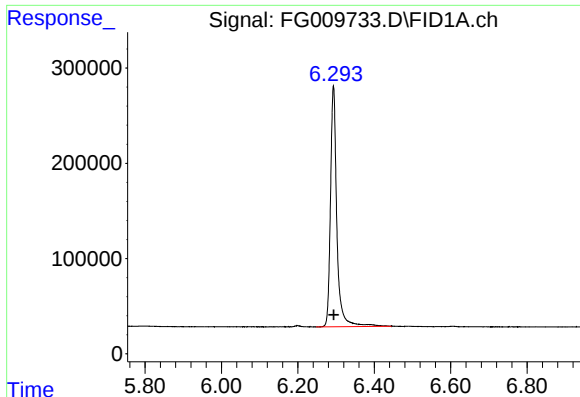
#3 A~Naphthalene (C11.7)

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 2886331
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

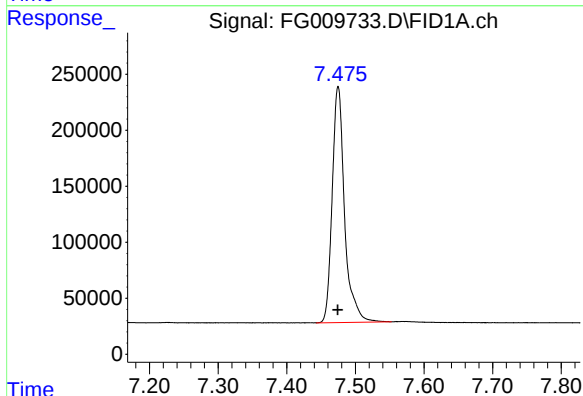
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 2638506
Conc: 20.66 ug/ml



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

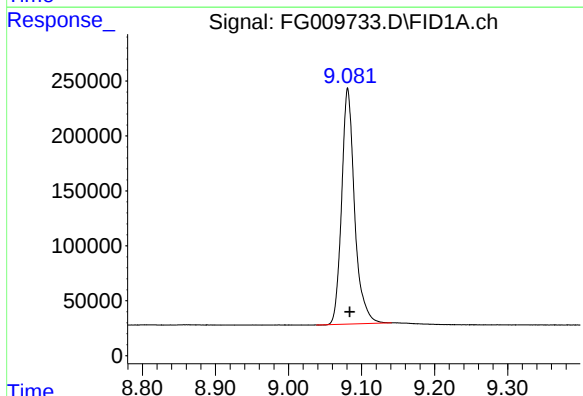
R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 2931265
Conc: 21.30 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



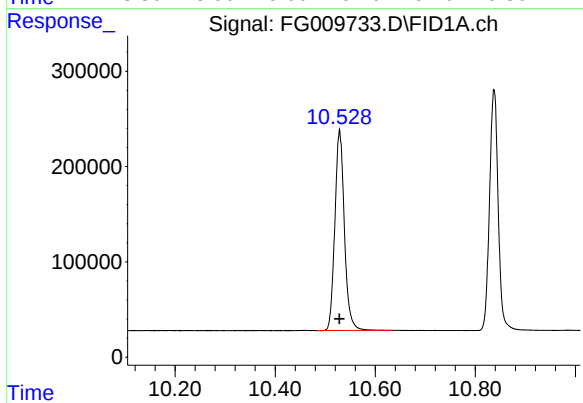
#6 n-Tetradecane (C14)

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 2645169
Conc: 20.69 ug/ml



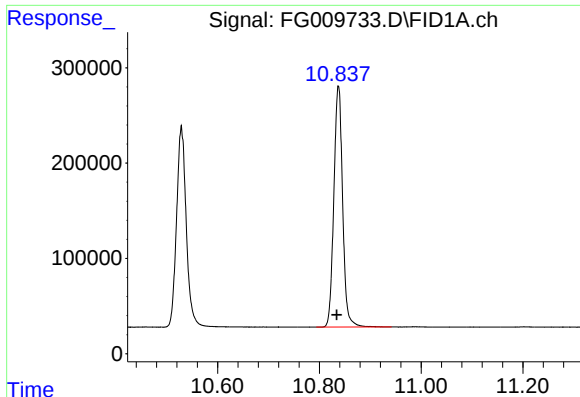
#7 n-Hexadecane (C16)

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 2642150
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

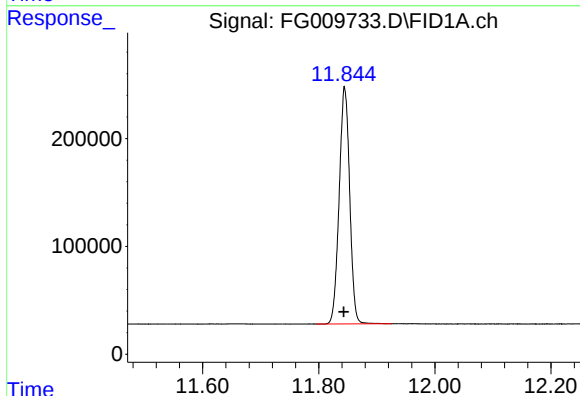
R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 2781436
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

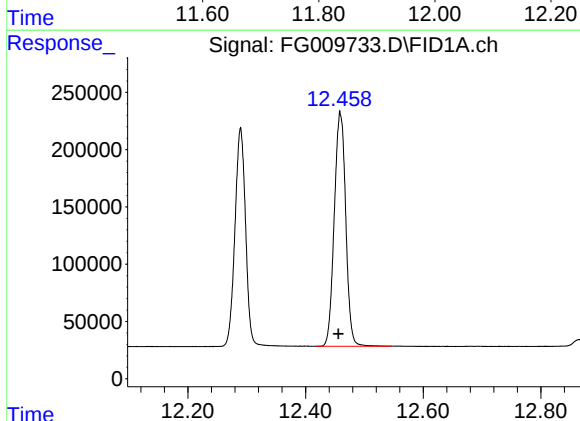
R.T.: 10.837 min
Delta R.T.: 0.004 min
Response: 3035469
Conc: 19.80 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



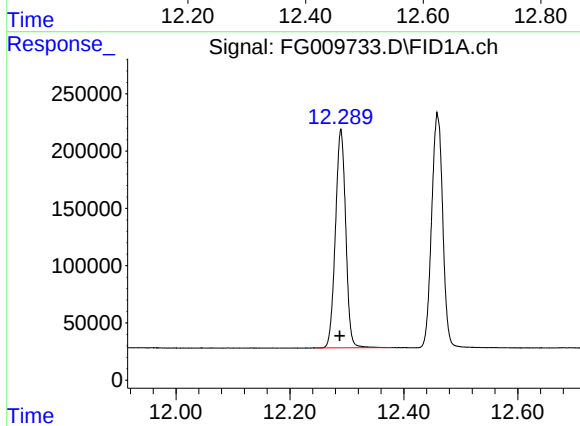
#10 n-Eicosane (C20)

R.T.: 11.844 min
Delta R.T.: 0.001 min
Response: 2760860
Conc: 19.83 ug/ml



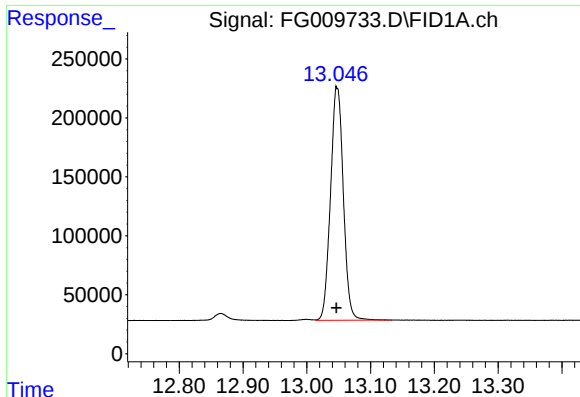
#11 n-Heneicosane (C21)

R.T.: 12.459 min
Delta R.T.: 0.003 min
Response: 2765667
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

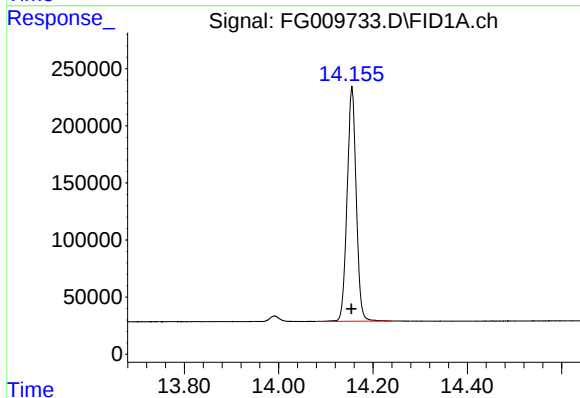
R.T.: 12.290 min
Delta R.T.: 0.002 min
Response: 2390198
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

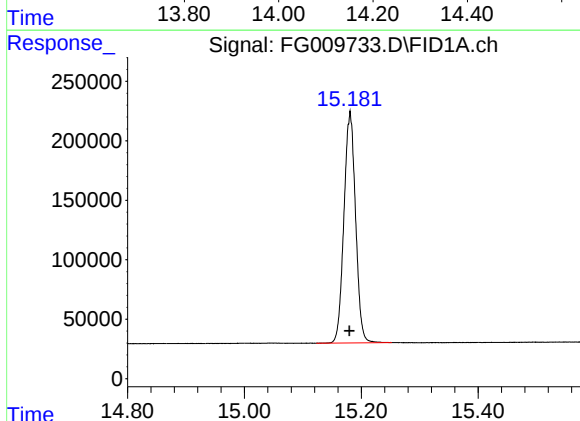
R.T.: 13.047 min
Delta R.T.: 0.000 min
Response: 2763215
Conc: 19.54 ug/ml

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20 PPM ALIPHATIC HC STD



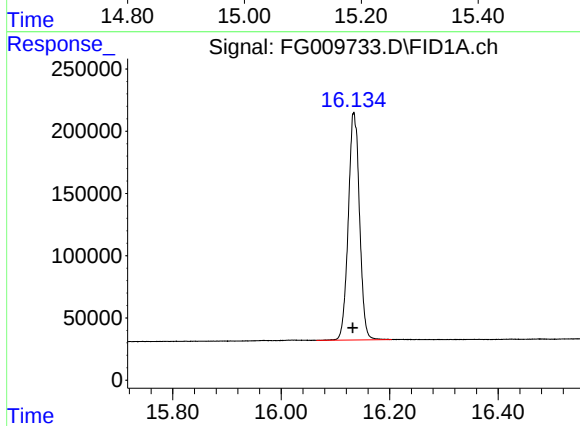
#14 n-Tetracosane (C24)

R.T.: 14.155 min
Delta R.T.: 0.001 min
Response: 2750127
Conc: 19.30 ug/ml



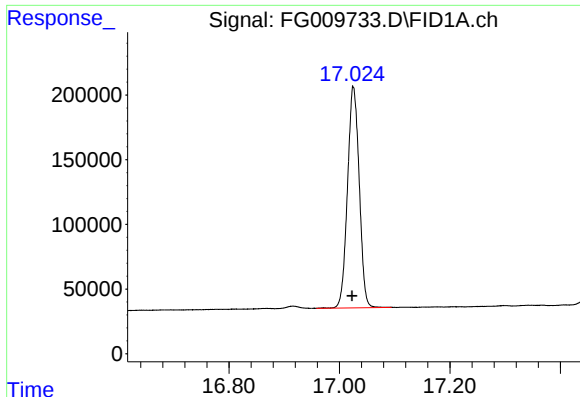
#15 n-Hexacosane (C26)

R.T.: 15.181 min
Delta R.T.: 0.001 min
Response: 2684146
Conc: 18.84 ug/ml



#16 n-Octacosane (C28)

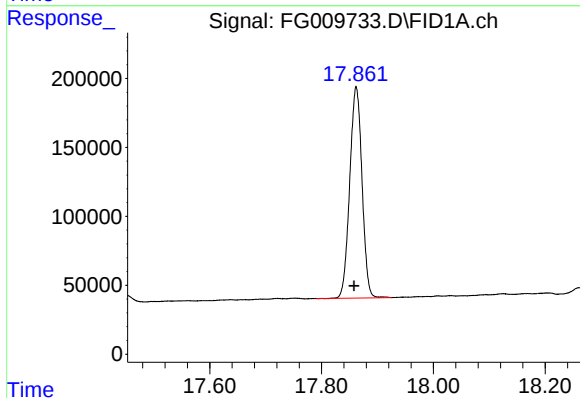
R.T.: 16.134 min
Delta R.T.: 0.002 min
Response: 2629405
Conc: 18.50 ug/ml



#17 n-Tricontane (C30)

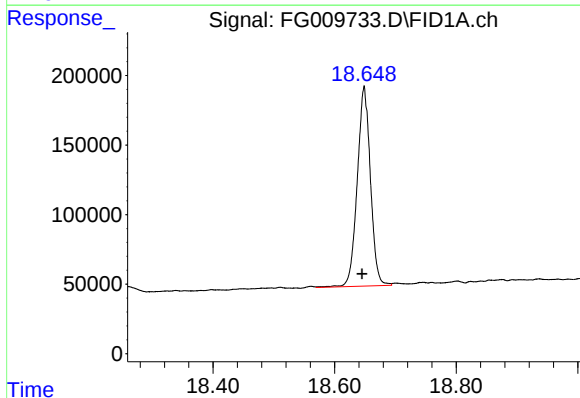
R.T.: 17.025 min
Delta R.T.: 0.002 min
Response: 2525516
Conc: 18.05 ug/ml

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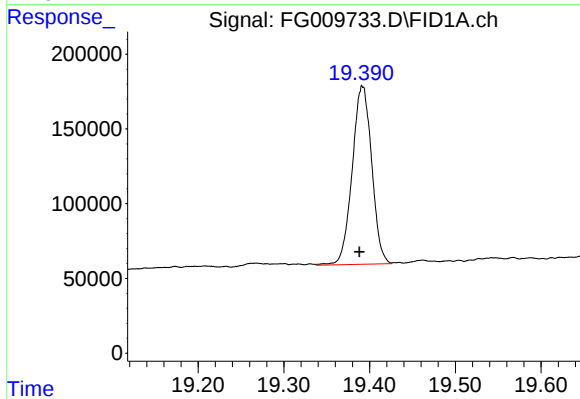
#18 n-Dotriacontane (C32)

R.T.: 17.862 min
Delta R.T.: 0.004 min
Response: 2334174
Conc: 17.72 ug/ml



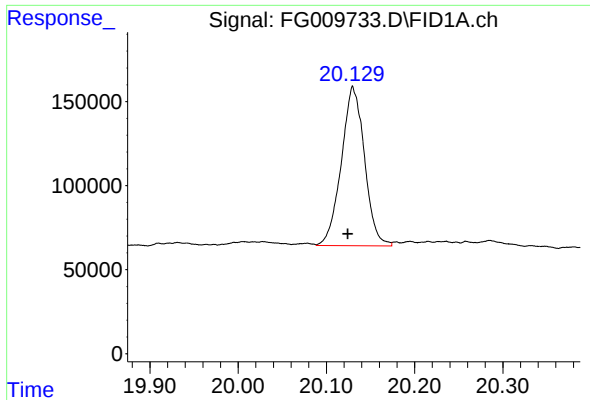
#19 n-Tetratriacontane (C34)

R.T.: 18.648 min
Delta R.T.: 0.003 min
Response: 2156657
Conc: 18.38 ug/ml



#20 n-Hexatriacontane (C36)

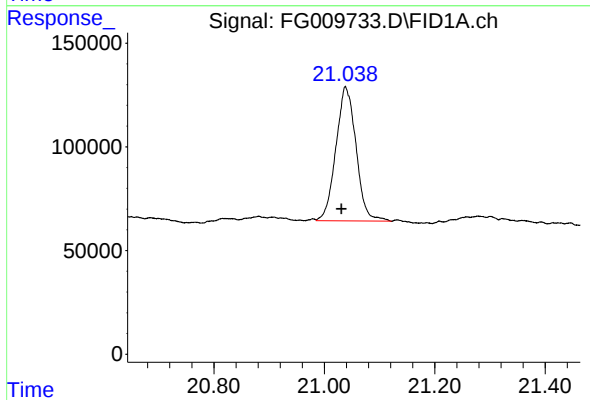
R.T.: 19.392 min
Delta R.T.: 0.003 min
Response: 1880097
Conc: 18.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.130 min
Delta R.T.: 0.006 min
Response: 1728891
Conc: 19.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.038 min
Delta R.T.: 0.007 min
Response: 1639220
Conc: 20.55 ug/ml