

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102722AL\
 Data File : FC061984.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 06:55
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 07:24:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.586	3144004	21.151 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	13.022	2482382	21.308 ug/ml
Spiked Amount 50.000		Recovery =	42.62%
Target Compounds			
1) T n-Nonane (C9)	3.349	2862410	20.350 ug/ml
2) T n-Decane (C10)	4.416	2941687	20.608 ug/ml
3) T A~Naphthalene (C11.7)	6.001	3181457	20.611 ug/ml
4) T n-Dodecane (C12)	6.431	3006959	20.713 ug/ml
5) T A~2-methylnaphthalene...	7.056	3150836	20.771 ug/ml
6) T n-Tetradecane (C14)	8.227	3031252	20.853 ug/ml
7) T n-Hexadecane (C16)	9.828	3068652	21.072 ug/ml
8) T n-Octadecane (C18)	11.269	3070200	21.241 ug/ml
10) T n-Eicosane (C20)	12.577	3003161	21.278 ug/ml
11) T n-Heneicosane (C21)	13.189	2963013	21.354 ug/ml
13) T n-Docosane (C22)	13.775	2904161	21.184 ug/ml
14) T n-Tetracosane (C24)	14.877	2773383	20.990 ug/ml
15) T n-Hexacosane (C26)	15.897	2659528	21.106 ug/ml
16) T n-Octacosane (C28)	16.847	2585175	21.435 ug/ml
17) T n-Tricontane (C30)	17.732	2686562	22.579 ug/ml
18) T n-Dotriacontane (C32)	18.564	2726955	23.145 ug/ml
19) T n-Tetratriacontane (C34)	19.348	2583177	22.865 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2536689	22.368 ug/ml
21) T n-Octatriacontane (C38)	20.823	2513236	22.336 ug/ml
22) T n-Tetracontane (C40)	21.736	2374959	21.154 ug/ml

(f)=RT Delta > 1/2 Window

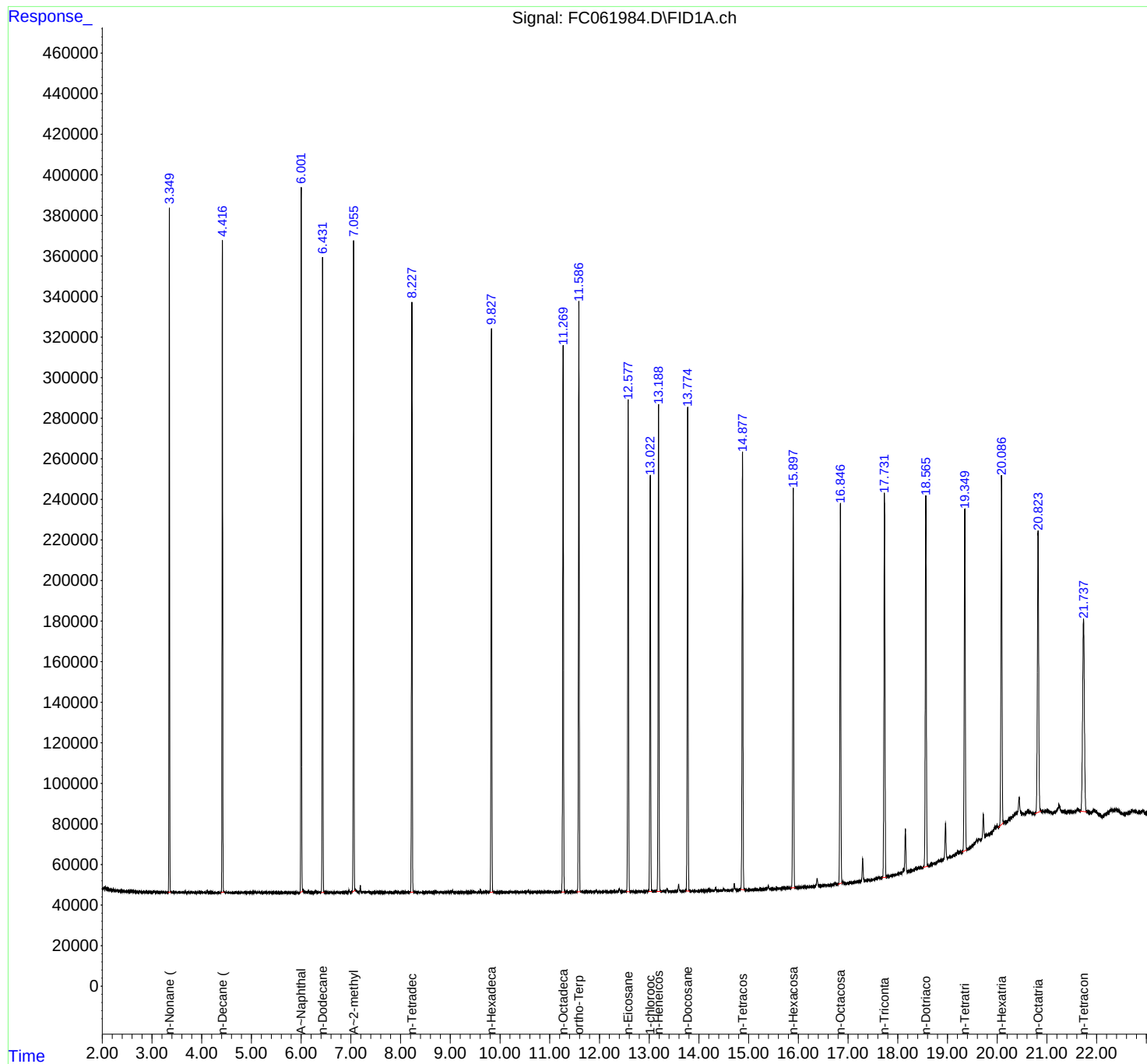
(m)=manual int.

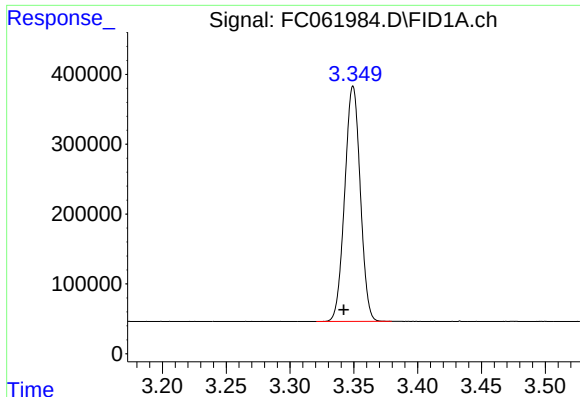
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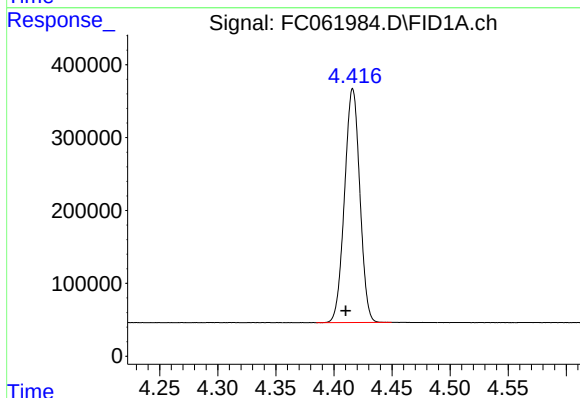




#1 n-Nonane (C9)

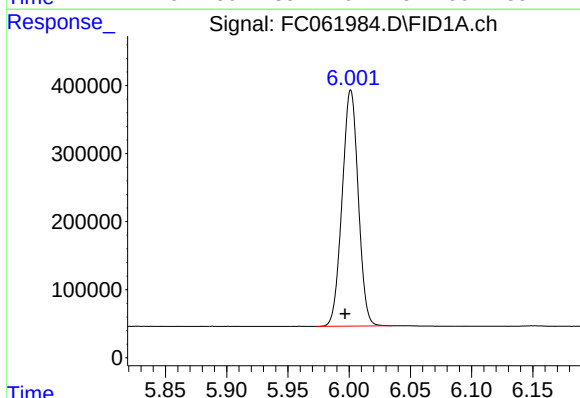
R.T.: 3.349 min
Delta R.T.: 0.007 min
Response: 2862410
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



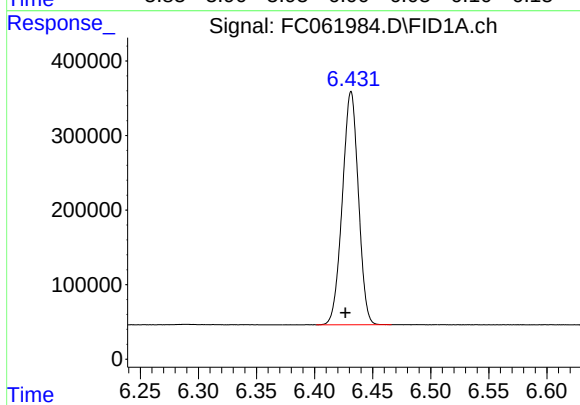
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: 0.006 min
Response: 2941687
Conc: 20.61 ug/ml



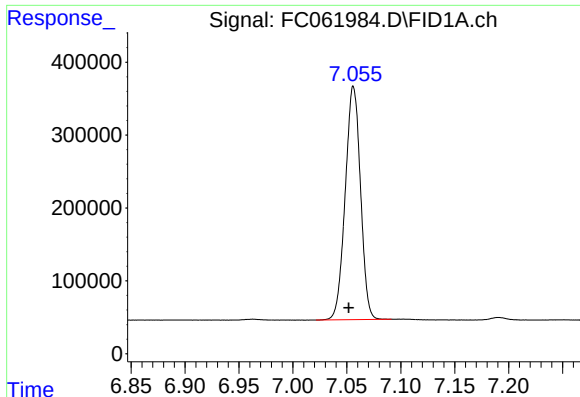
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: 0.005 min
Response: 3181457
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

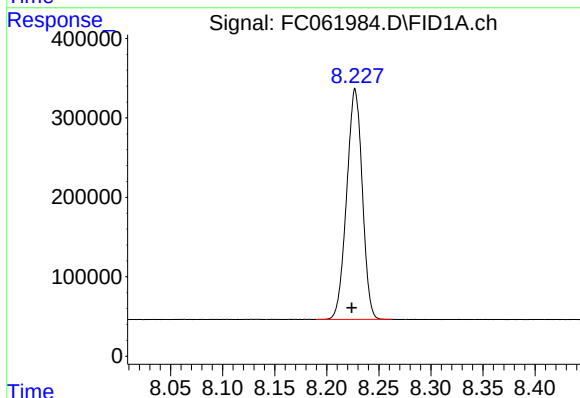
R.T.: 6.431 min
Delta R.T.: 0.005 min
Response: 3006959
Conc: 20.71 ug/ml



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

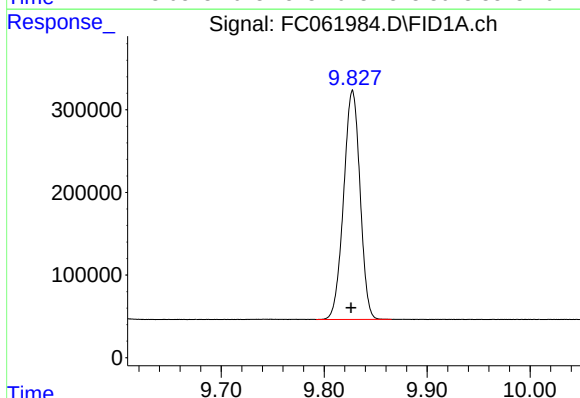
R.T.: 7.056 min
Delta R.T.: 0.004 min
Response: 3150836
Conc: 20.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



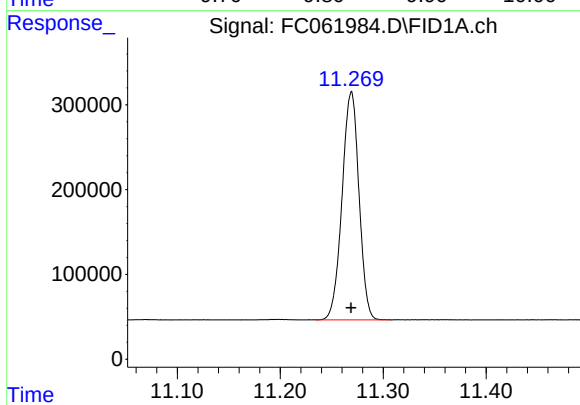
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.003 min
Response: 3031252
Conc: 20.85 ug/ml



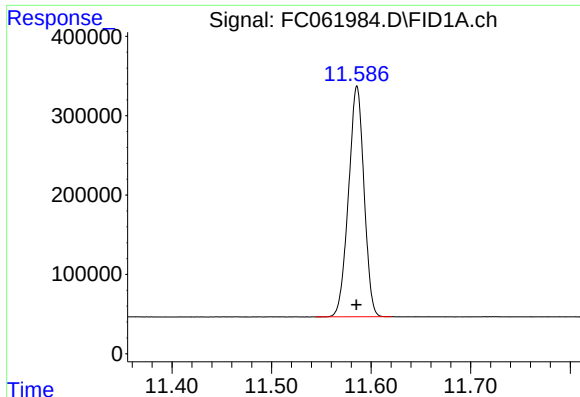
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: 0.002 min
Response: 3068652
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

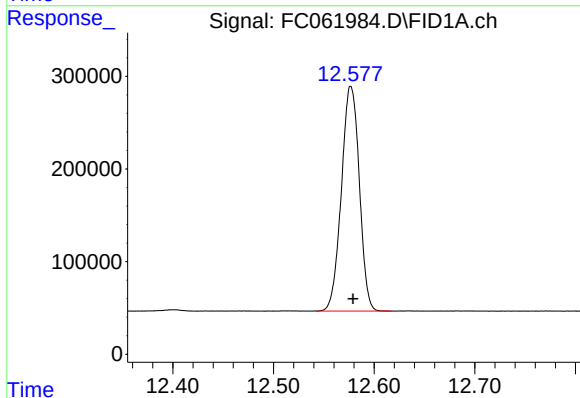
R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 3070200
Conc: 21.24 ug/ml



#9 ortho-Terphenyl (SURR)

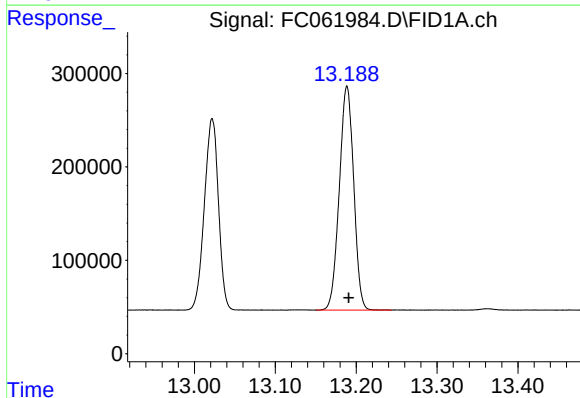
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 3144004
Conc: 21.15 ug/ml

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FID_C
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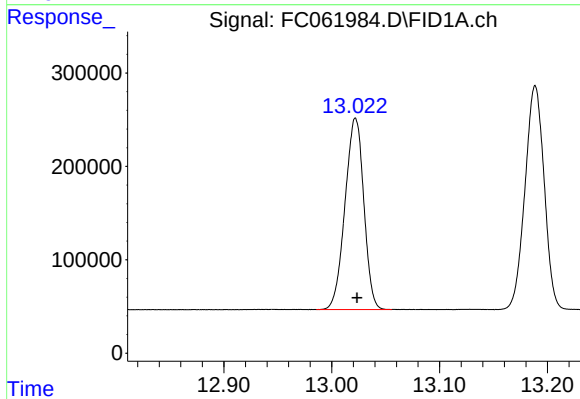
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 3003161
Conc: 21.28 ug/ml



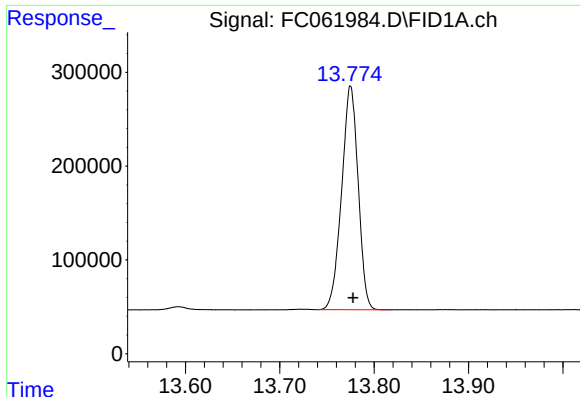
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 2963013
Conc: 21.35 ug/ml



#12 1-chlorooctadecane (SURR)

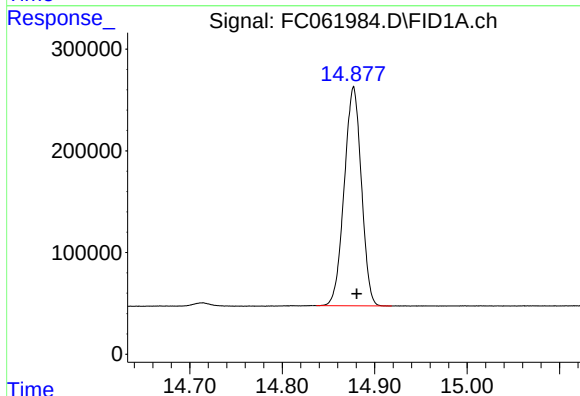
R.T.: 13.022 min
Delta R.T.: -0.001 min
Response: 2482382
Conc: 21.31 ug/ml



#13 n-Docosane (C22)

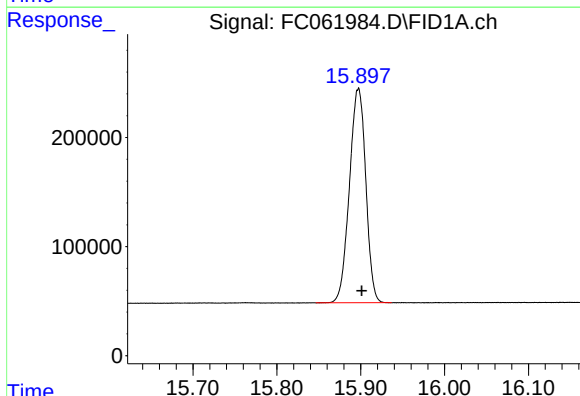
R.T.: 13.775 min
Delta R.T.: -0.002 min
Response: 2904161
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



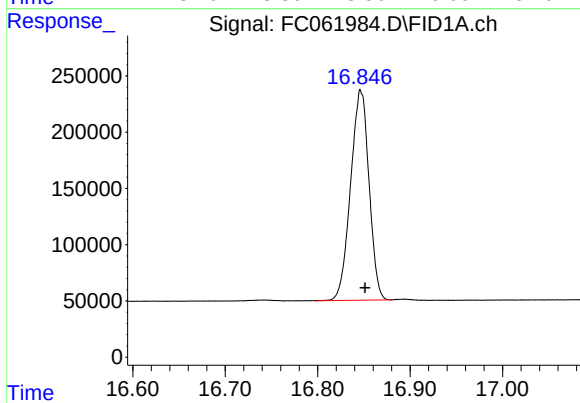
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 2773383
Conc: 20.99 ug/ml



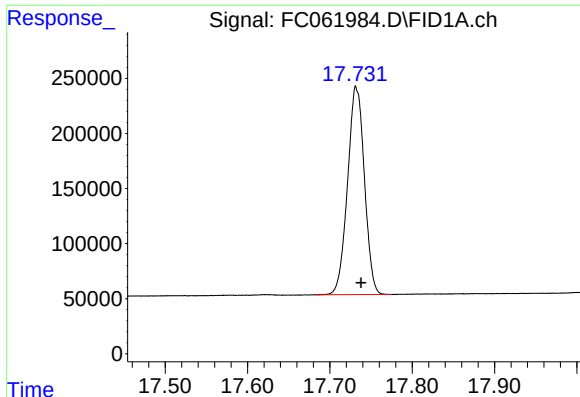
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.004 min
Response: 2659528
Conc: 21.11 ug/ml



#16 n-Octacosane (C28)

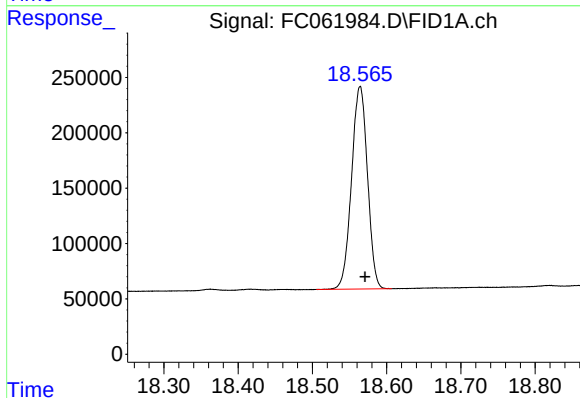
R.T.: 16.847 min
Delta R.T.: -0.004 min
Response: 2585175
Conc: 21.43 ug/ml



#17 n-Tricontane (C30)

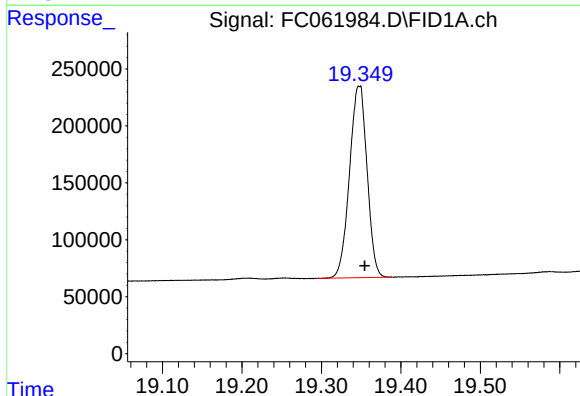
R.T.: 17.732 min
Delta R.T.: -0.006 min
Response: 2686562
Conc: 22.58 ug/ml

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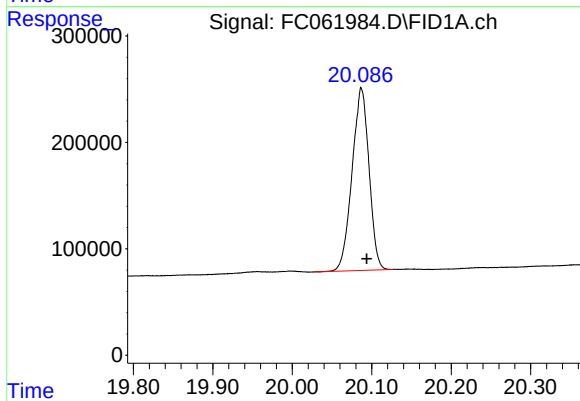
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2726955
Conc: 23.14 ug/ml



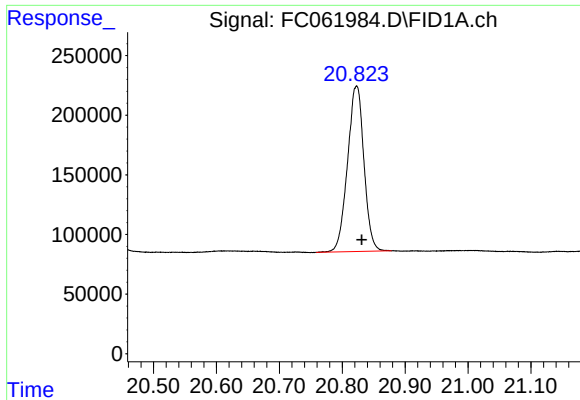
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.007 min
Response: 2583177
Conc: 22.87 ug/ml



#20 n-Hexatriacontane (C36)

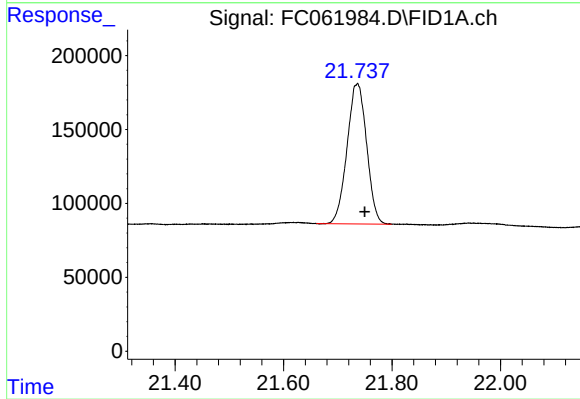
R.T.: 20.087 min
Delta R.T.: -0.007 min
Response: 2536689
Conc: 22.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.009 min
Response: 2513236
Conc: 22.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: -0.014 min
Response: 2374959
Conc: 21.15 ug/ml