

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070622AL\
 Data File : FC060607.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 03:08
 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: Jul 07 03:29:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.633	3512896	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	11.999	2781793	18.873 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	2.625	3102043	20.222 ug/ml
2) T n-Decane (C10)	3.620	3090965	20.240 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3370945	20.162 ug/ml
4) T n-Dodecane (C12)	5.568	3283196	20.315 ug/ml
5) T A~2-methylnaphthalene...	6.183	3369241	19.820 ug/ml
6) T n-Tetradecane (C14)	7.317	3314364	20.063 ug/ml
7) T n-Hexadecane (C16)	8.878	3354238	19.847 ug/ml
8) T n-Octadecane (C18)	10.286	3357184	19.514 ug/ml
10) T n-Eicosane (C20)	11.564	3272103	19.172 ug/ml
11) T n-Heneicosane (C21)	12.161	3239684	19.001 ug/ml
13) T n-Docosane (C22)	12.733	3187751	18.701 ug/ml
14) T n-Tetracosane (C24)	13.810	3075005	18.314 ug/ml
15) T n-Hexacosane (C26)	14.807	2932064	17.843 ug/ml
16) T n-Octacosane (C28)	15.733	2795520	17.617 ug/ml
17) T n-Tricontane (C30)	16.599	2689996	17.671 ug/ml
18) T n-Dotriacontane (C32)	17.410	2537407	17.455 ug/ml
19) T n-Tetratriacontane (C34)	18.174	2394477	18.853 ug/ml
20) T n-Hexatriacontane (C36)	18.893	2277453	20.293 ug/ml
21) T n-Octatriacontane (C38)	19.577	2221050	20.290 ug/ml
22) T n-Tetracontane (C40)	20.223	2270040	20.100 ug/ml

(f)=RT Delta > 1/2 Window

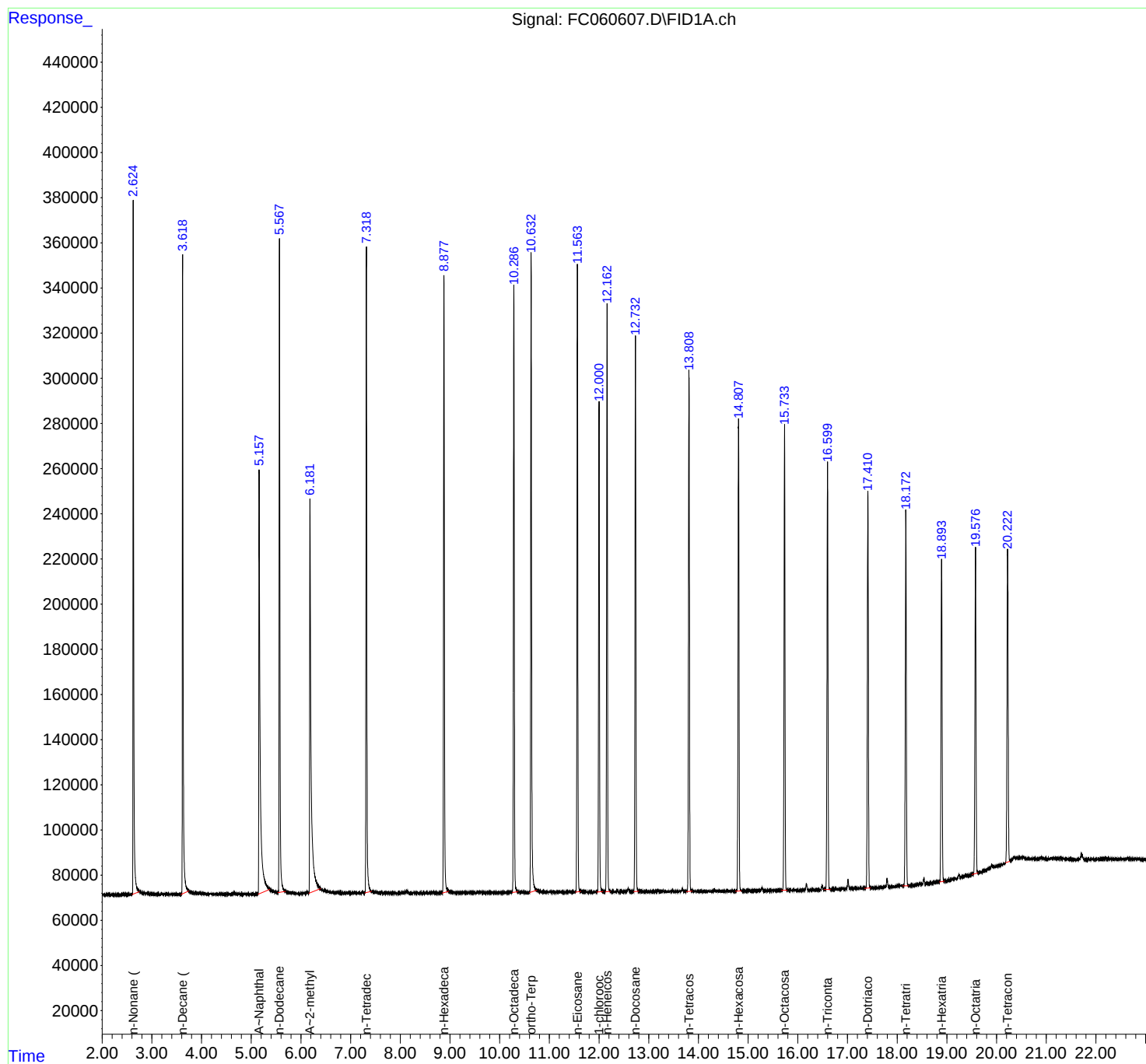
(m)=manual int.

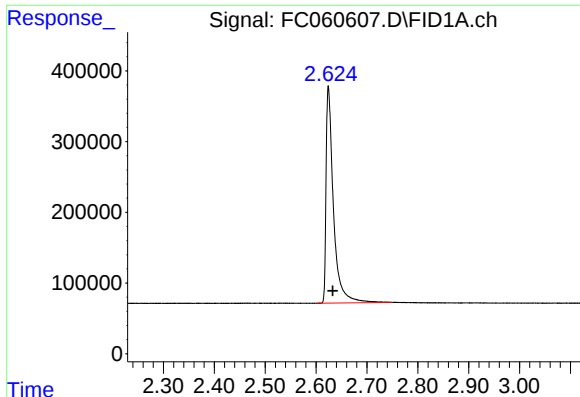
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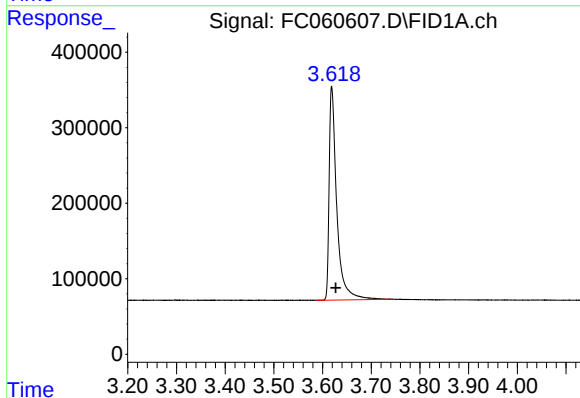




#1 n-Nonane (C9)

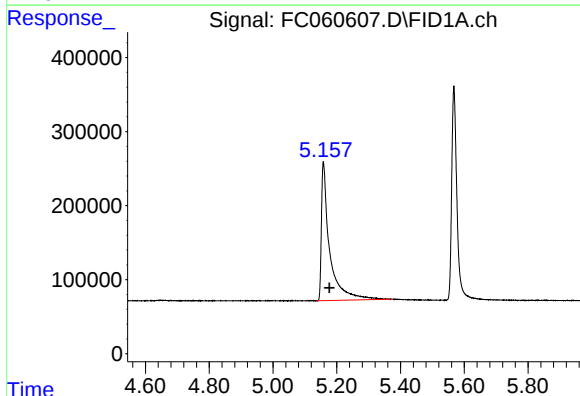
R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 3102043
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



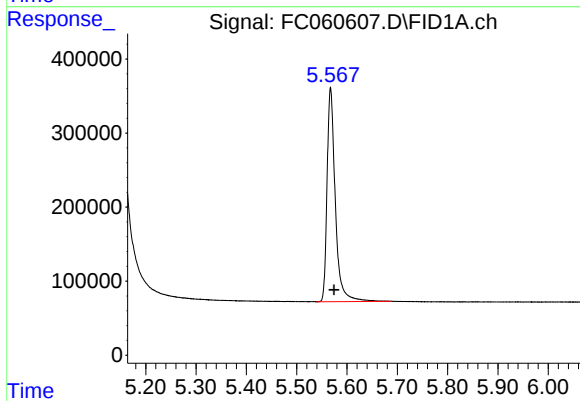
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.007 min
Response: 3090965
Conc: 20.24 ug/ml



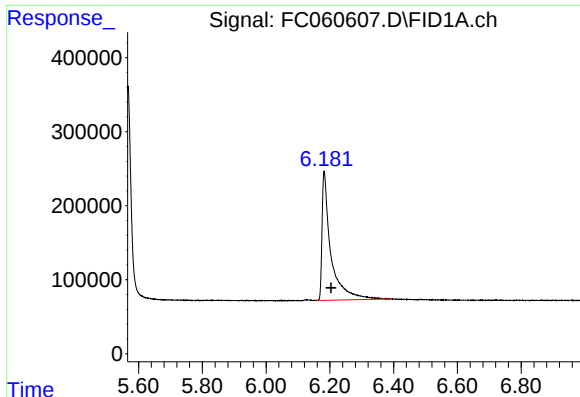
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.018 min
Response: 3370945
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

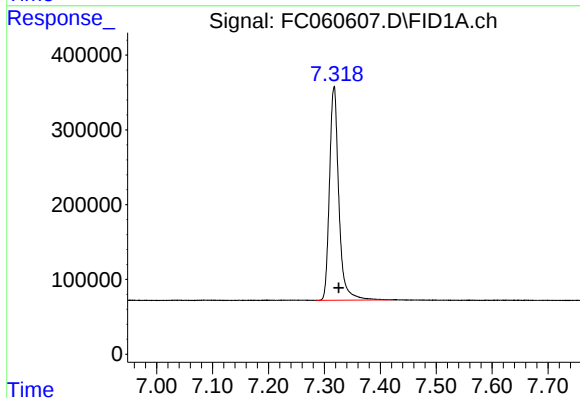
R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 3283196
Conc: 20.32 ug/ml



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

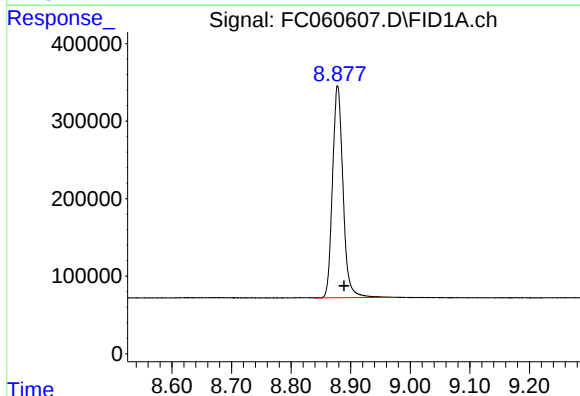
R.T.: 6.183 min
Delta R.T.: -0.021 min
Response: 3369241
Conc: 19.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



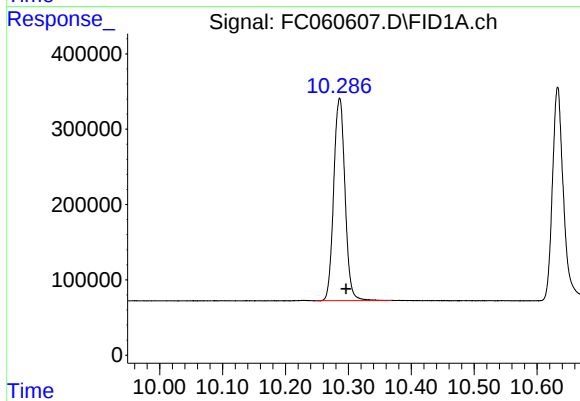
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 3314364
Conc: 20.06 ug/ml



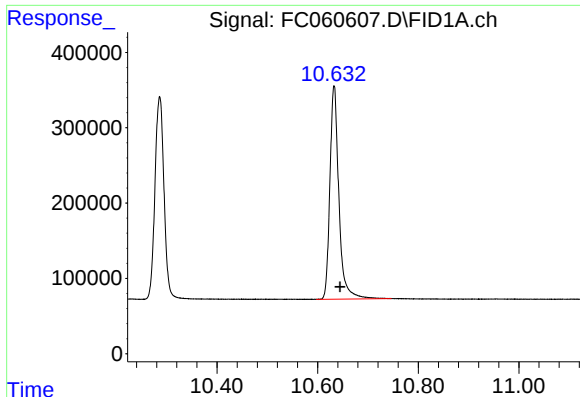
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: -0.010 min
Response: 3354238
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

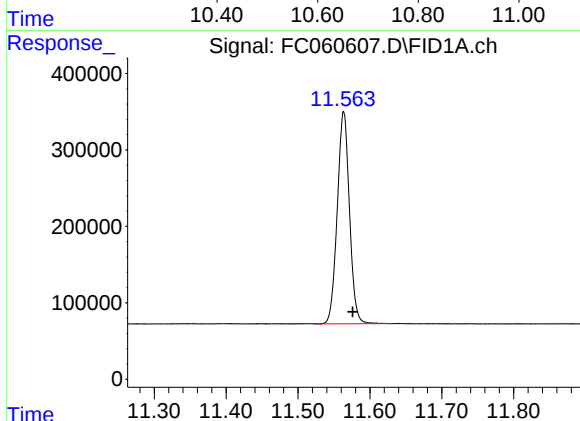
R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 3357184
Conc: 19.51 ug/ml



#9 ortho-Terphenyl (SURR)

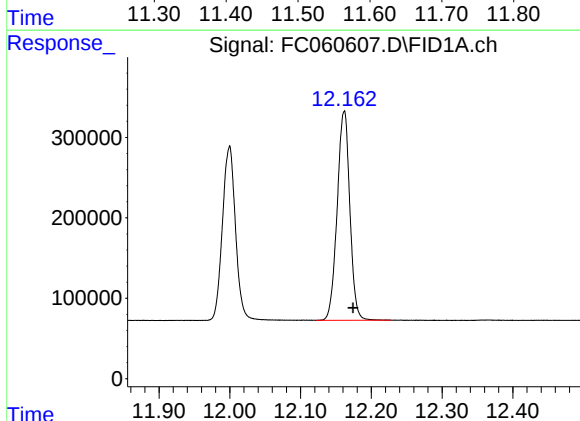
R.T.: 10.633 min
Delta R.T.: -0.012 min
Response: 3512896
Conc: 19.17 ug/ml

Instrument :
FID_C
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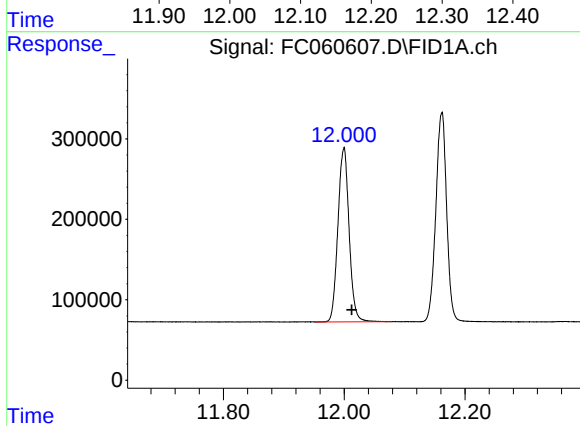
#10 n-Eicosane (C20)

R.T.: 11.564 min
Delta R.T.: -0.013 min
Response: 3272103
Conc: 19.17 ug/ml



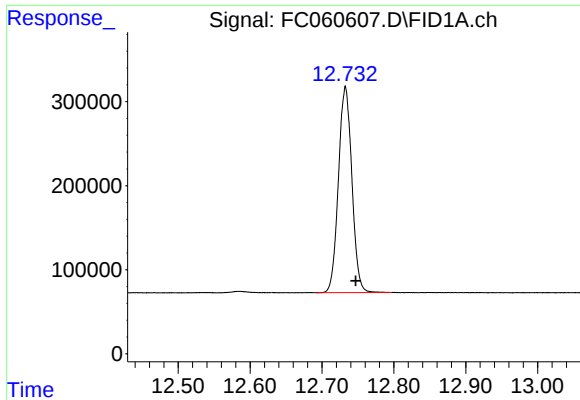
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: -0.012 min
Response: 3239684
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

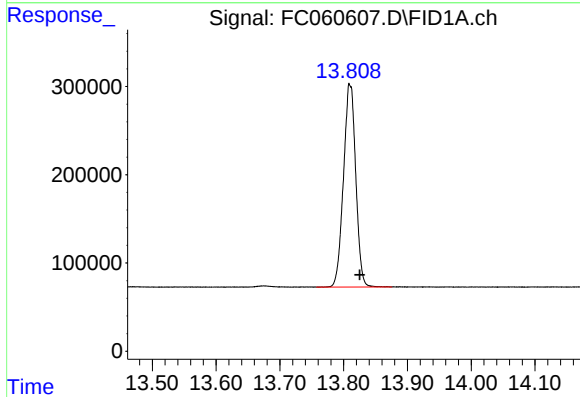
R.T.: 11.999 min
Delta R.T.: -0.013 min
Response: 2781793
Conc: 18.87 ug/ml



#13 n-Docosane (C22)

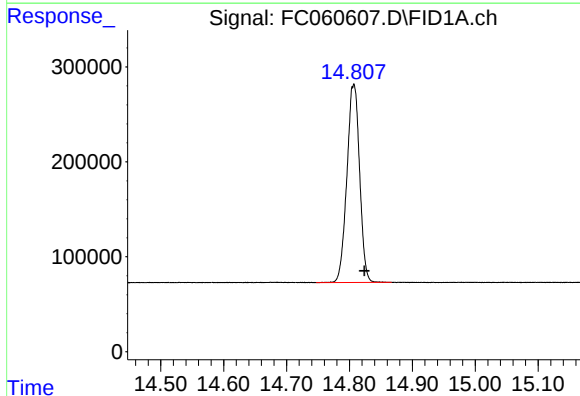
R.T.: 12.733 min
Delta R.T.: -0.015 min
Response: 3187751
Conc: 18.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



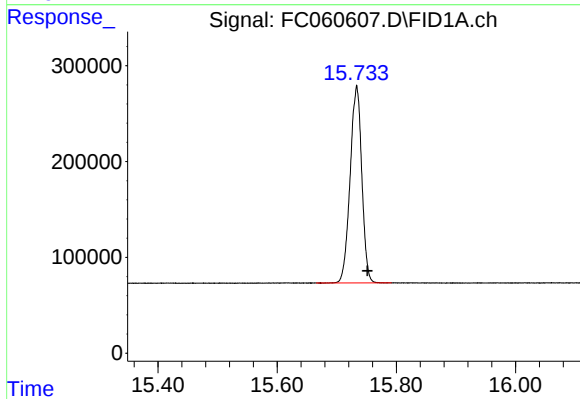
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.015 min
Response: 3075005
Conc: 18.31 ug/ml



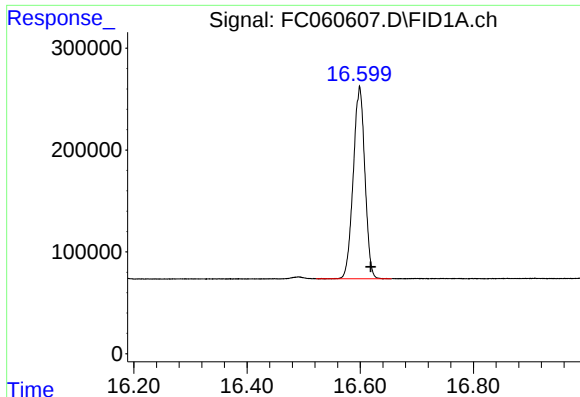
#15 n-Hexacosane (C26)

R.T.: 14.807 min
Delta R.T.: -0.017 min
Response: 2932064
Conc: 17.84 ug/ml



#16 n-Octacosane (C28)

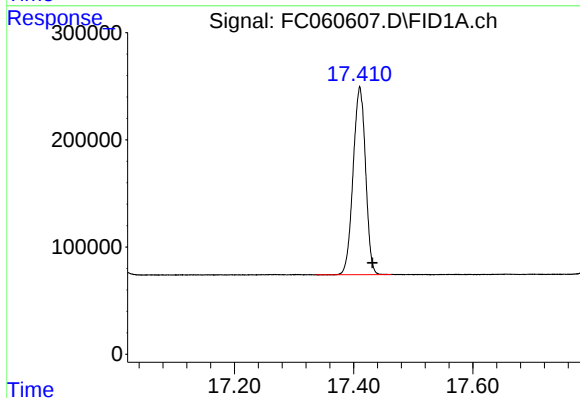
R.T.: 15.733 min
Delta R.T.: -0.018 min
Response: 2795520
Conc: 17.62 ug/ml



#17 n-Tricontane (C30)

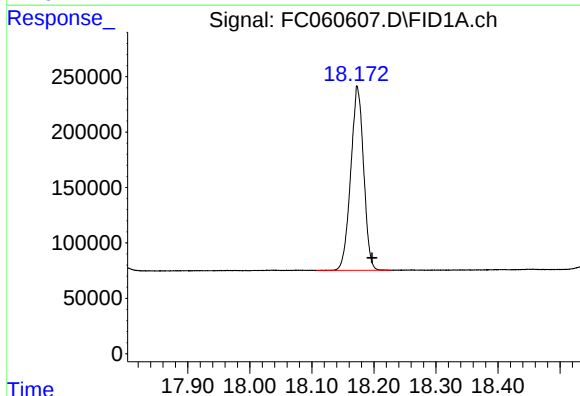
R.T.: 16.599 min
Delta R.T.: -0.020 min
Response: 2689996
Conc: 17.67 ug/ml

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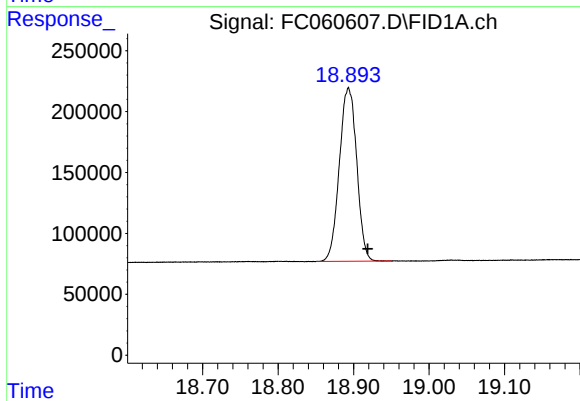
#18 n-Dotriacontane (C32)

R.T.: 17.410 min
Delta R.T.: -0.021 min
Response: 2537407
Conc: 17.46 ug/ml



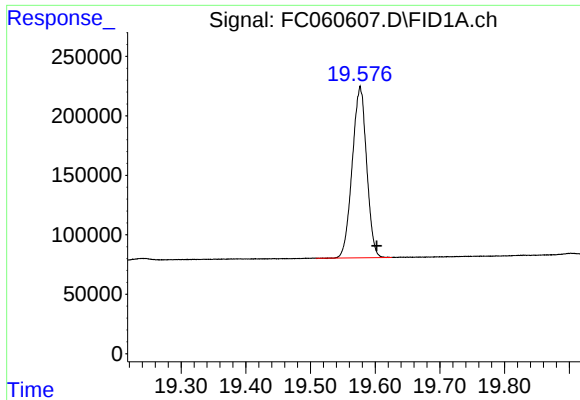
#19 n-Tetratriacontane (C34)

R.T.: 18.174 min
Delta R.T.: -0.023 min
Response: 2394477
Conc: 18.85 ug/ml



#20 n-Hexatriacontane (C36)

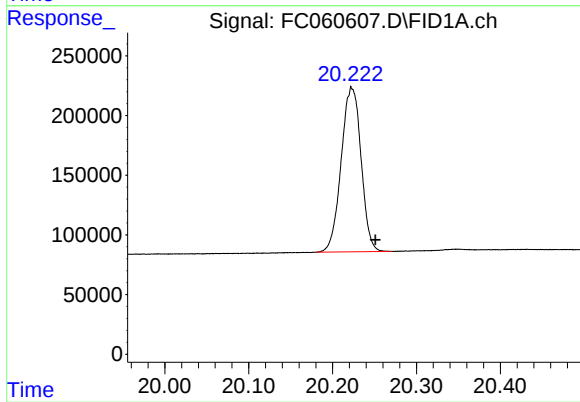
R.T.: 18.893 min
Delta R.T.: -0.025 min
Response: 2277453
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.577 min
Delta R.T.: -0.025 min
Response: 2221050
Conc: 20.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.223 min
Delta R.T.: -0.028 min
Response: 2270040
Conc: 20.10 ug/ml