

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092120AL\
 Data File : FC049669.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2020 21:18
 Operator : DD\AJ
 Sample : L4091-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020MS

Integration File: sample.E
 Quant Time: Sep 22 00:39:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.664	4193628	36.500 ug/ml
Spiked Amount 50.000		Recovery =	73.00%
12) S 1-chlorooctadecane (S...	13.097	3370895	37.845 ug/ml
Spiked Amount 50.000		Recovery =	75.69%
Target Compounds			
1) T n-Nonane (C9)	3.401	3075147	29.725 ug/ml
2) T n-Decane (C10)	4.475	3383190	32.572 ug/ml
3) T A~Naphthalene (C11.7)	6.071	3968669	34.517 ug/ml
4) T n-Dodecane (C12)	6.498	3825387	36.189 ug/ml
5) T A~2-methylnaphthalene...	7.130	4178566	35.739 ug/ml
6) T n-Tetradecane (C14)	8.297	4166857	39.498 ug/ml
7) T n-Hexadecane (C16)	9.898	4266191	40.994 ug/ml
8) T n-Octadecane (C18)	11.342	4261316	39.651 ug/ml
10) T n-Eicosane (C20)	12.651	4130844	38.577 ug/ml
11) T n-Heneicosane (C21)	13.263	4105865	38.583 ug/ml
13) T n-Docosane (C22)	13.849	4091325	38.662 ug/ml
14) T n-Tetracosane (C24)	14.951	8260564	78.941 ug/ml
15) T n-Hexacosane (C26)	15.974	3913320	38.281 ug/ml
16) T n-Octacosane (C28)	16.920	4202151	41.813 ug/ml
17) T n-Tricontane (C30)	17.810	4075817	41.861 ug/ml
18) T n-Dotriacontane (C32)	18.640	4315158	47.754 ug/ml
19) T n-Tetratriacontane (C34)	19.421	3800352	44.395 ug/ml
20) T n-Hexatriacontane (C36)	20.160	3500859	43.454 ug/ml
21) T n-Octatriacontane (C38)	20.913	3268574	43.175 ug/ml
22) T n-Tetracontane (C40)	21.860	3343618	42.971 ug/ml

(f)=RT Delta > 1/2 Window

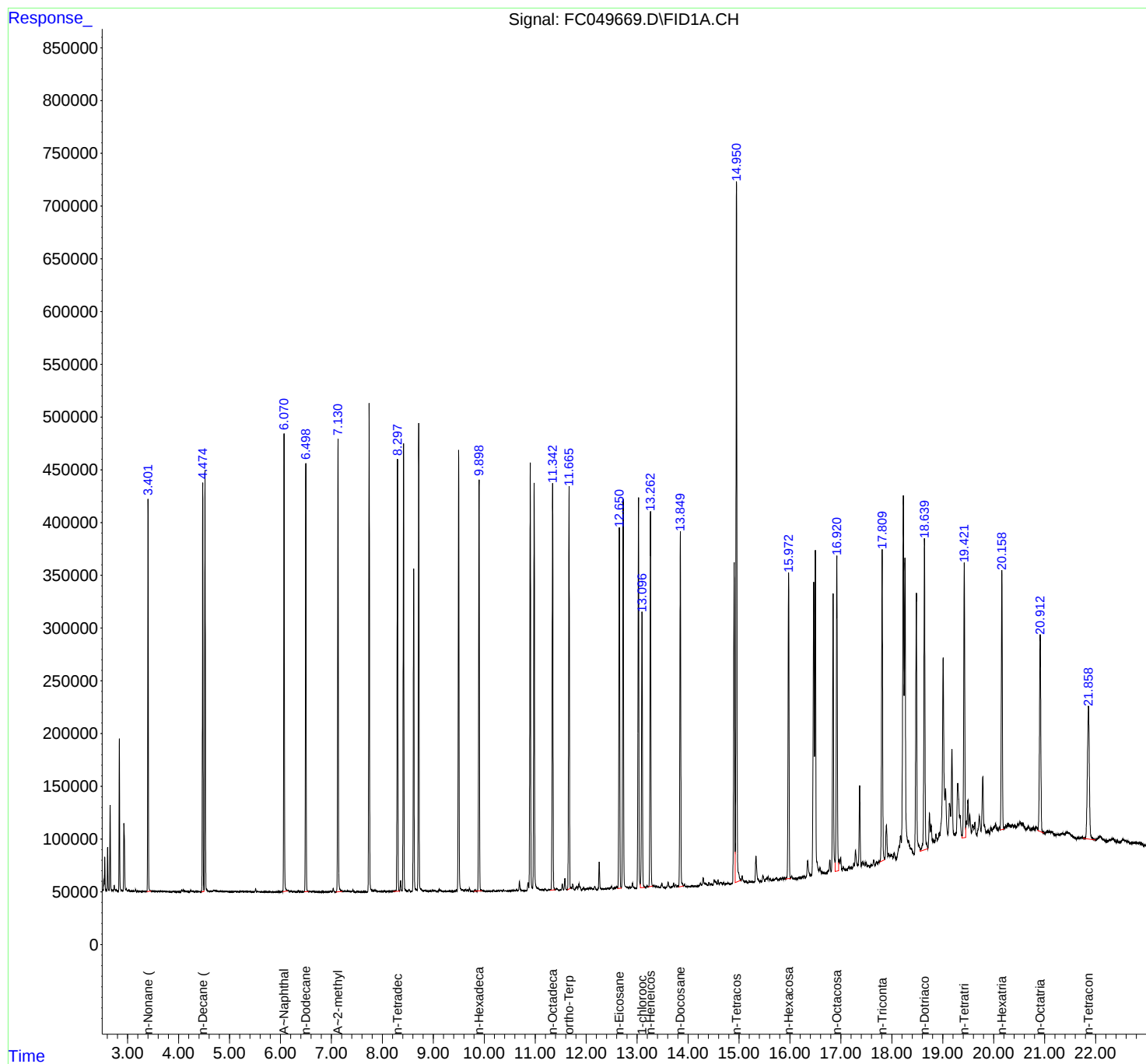
(m)=manual int.

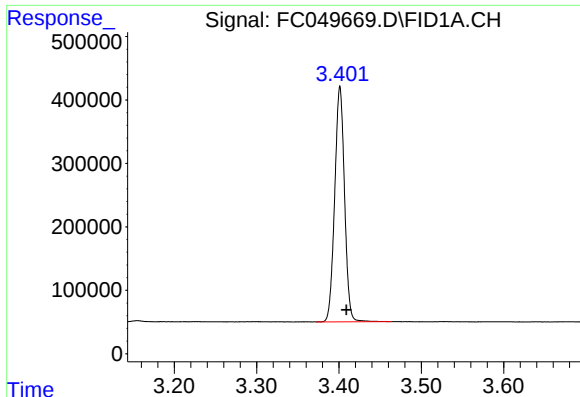
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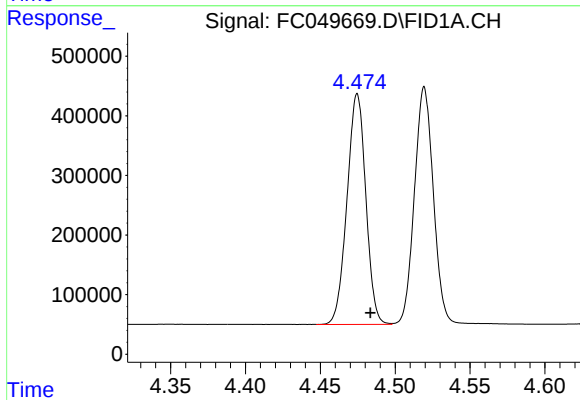




#1 n-Nonane (C9)

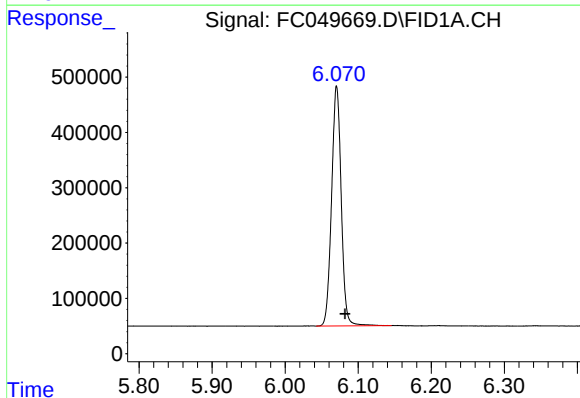
R.T.: 3.401 min
Delta R.T.: -0.008 min
Response: 3075147
Conc: 29.73 ug/ml

Instrument :
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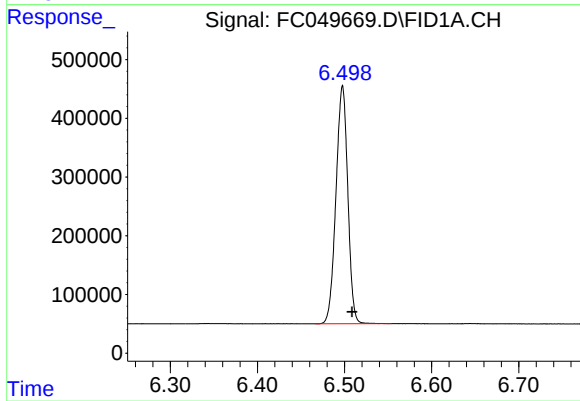
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.009 min
Response: 3383190
Conc: 32.57 ug/ml



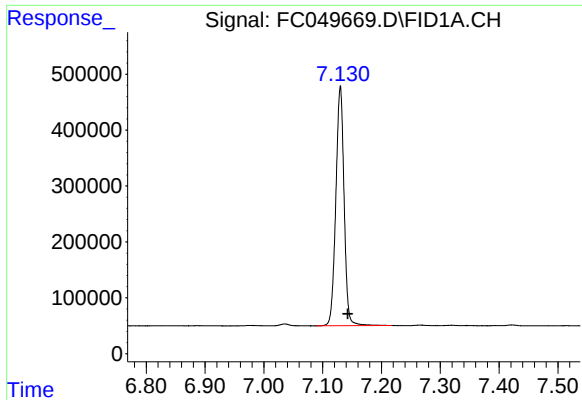
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.011 min
Response: 3968669
Conc: 34.52 ug/ml



#4 n-Dodecane (C12)

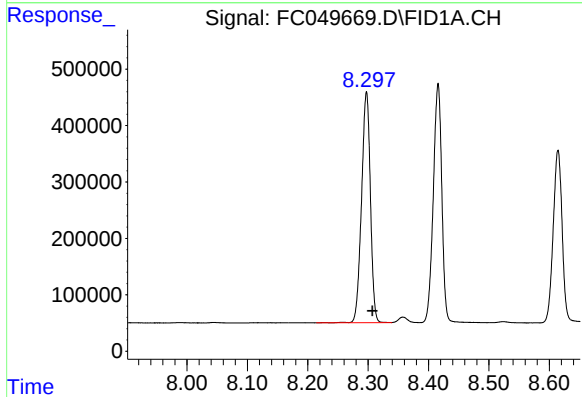
R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 3825387
Conc: 36.19 ug/ml



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

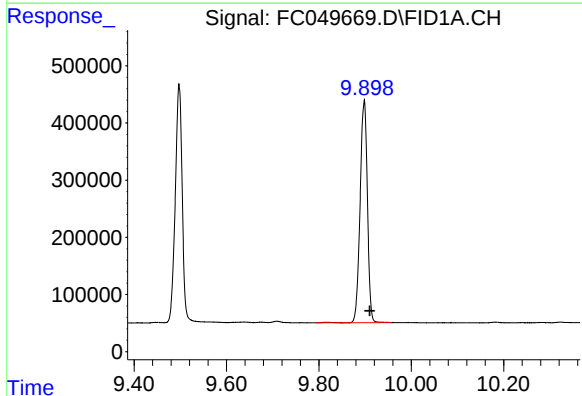
R.T.: 7.130 min
Delta R.T.: -0.013 min
Response: 4178566
Conc: 35.74 ug/ml

Instrument :
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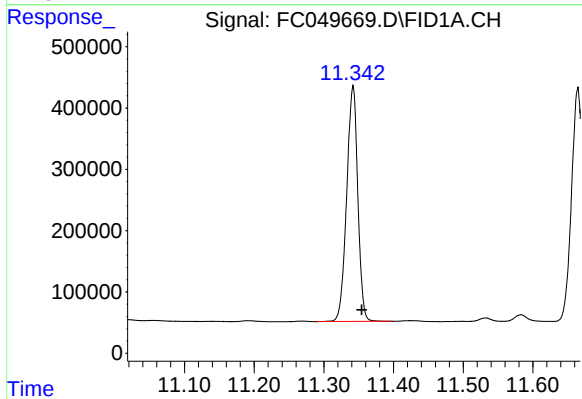
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.010 min
Response: 4166857
Conc: 39.50 ug/ml



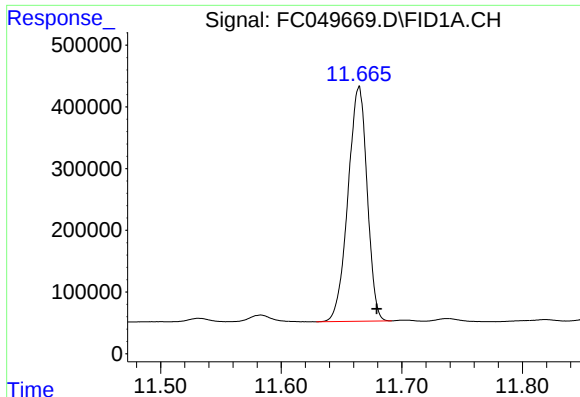
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.012 min
Response: 4266191
Conc: 40.99 ug/ml



#8 n-Octadecane (C18)

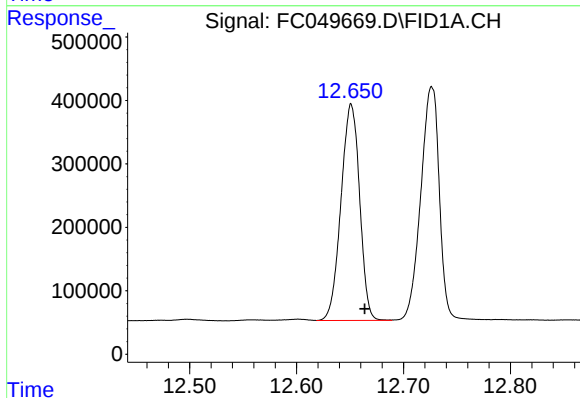
R.T.: 11.342 min
Delta R.T.: -0.012 min
Response: 4261316
Conc: 39.65 ug/ml



#9 ortho-Terphenyl (SURR)

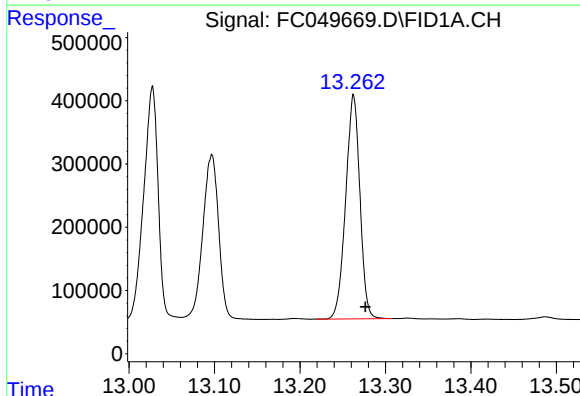
R.T.: 11.664 min
Delta R.T.: -0.015 min
Response: 4193628
Conc: 36.50 ug/ml

Instrument :
FID_C
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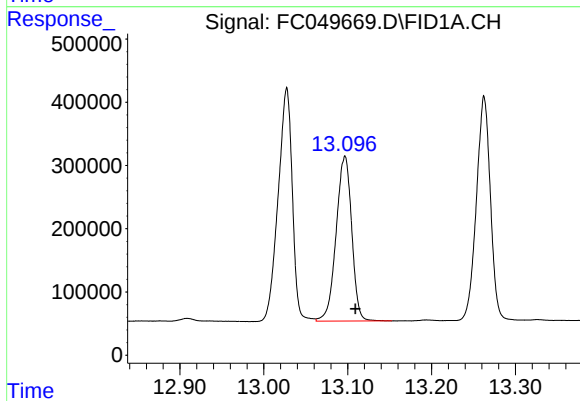
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.013 min
Response: 4130844
Conc: 38.58 ug/ml



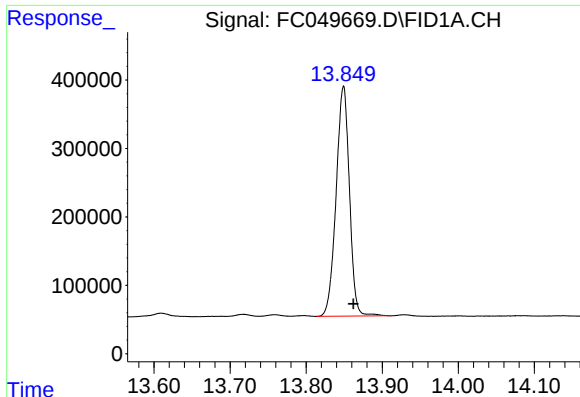
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.014 min
Response: 4105865
Conc: 38.58 ug/ml



#12 1-chlorooctadecane (SURR)

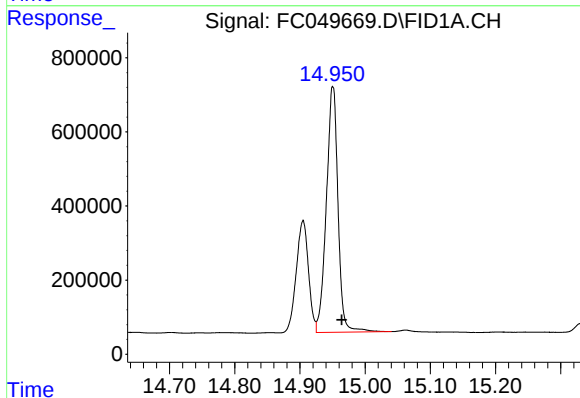
R.T.: 13.097 min
Delta R.T.: -0.012 min
Response: 3370895
Conc: 37.84 ug/ml



#13 n-Docosane (C22)

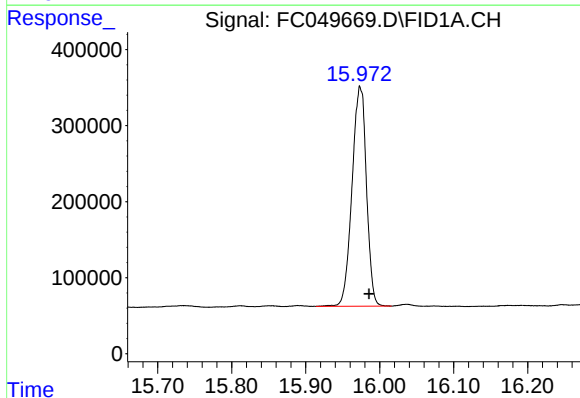
R.T.: 13.849 min
Delta R.T.: -0.013 min
Response: 4091325
Conc: 38.66 ug/ml

Instrument :
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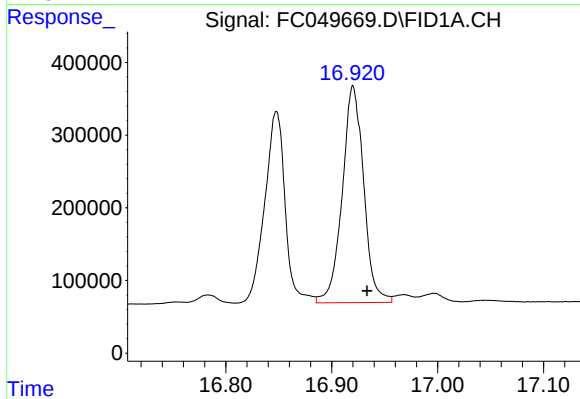
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.014 min
Response: 8260564
Conc: 78.94 ug/ml



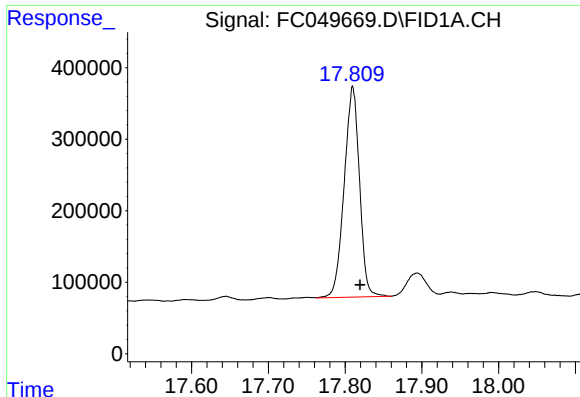
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: -0.012 min
Response: 3913320
Conc: 38.28 ug/ml



#16 n-Octacosane (C28)

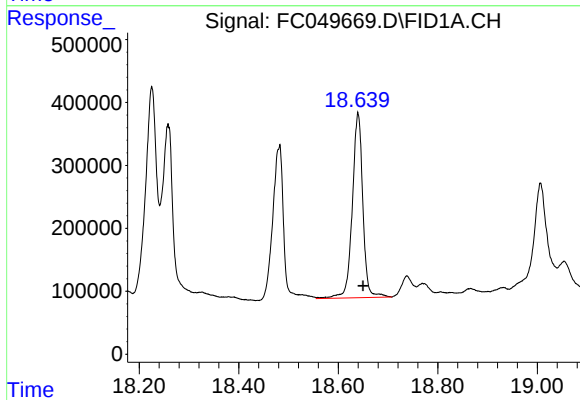
R.T.: 16.920 min
Delta R.T.: -0.013 min
Response: 4202151
Conc: 41.81 ug/ml



#17 n-Tricontane (C30)

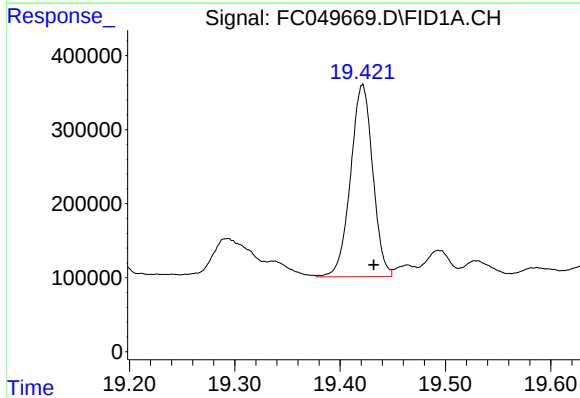
R.T.: 17.810 min
Delta R.T.: -0.009 min
Response: 4075817
Conc: 41.86 ug/ml

Instrument :
FID_C
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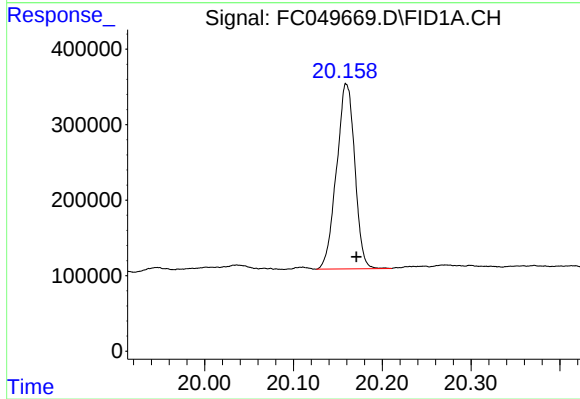
#18 n-Dotriacontane (C32)

R.T.: 18.640 min
Delta R.T.: -0.010 min
Response: 4315158
Conc: 47.75 ug/ml



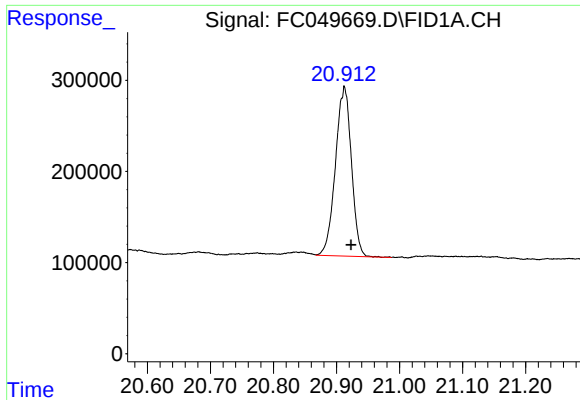
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: -0.011 min
Response: 3800352
Conc: 44.39 ug/ml



#20 n-Hexatriacontane (C36)

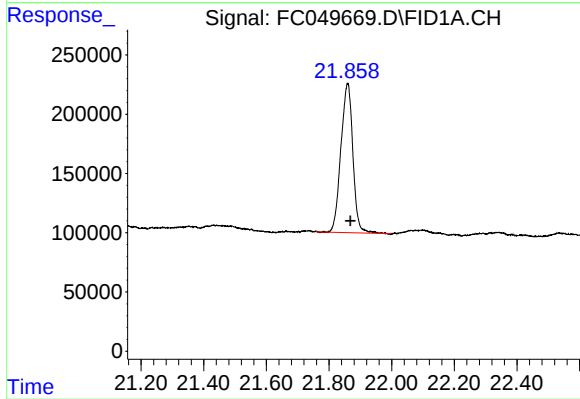
R.T.: 20.160 min
Delta R.T.: -0.011 min
Response: 3500859
Conc: 43.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.010 min
Response: 3268574
Conc: 43.17 ug/ml

Instrument :
FID_C
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CARLSTADT-TOPSOIL-2020MS



#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.009 min
Response: 3343618
Conc: 42.97 ug/ml