

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092120AL\
 Data File : FC049672.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2020 23:07
 Operator : DD\AJ
 Sample : L4091-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020MSD

Integration File: sample.E
 Quant Time: Sep 22 00:40:49 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)	11.665	4254436	37.029 ug/ml
Spiked Amount 50.000		Recovery =	74.06%
12) S 1-chlorooctadecane (S...	13.097	3431689	38.527 ug/ml
Spiked Amount 50.000		Recovery =	77.05%
Target Compounds			
1) T n-Nonane (C9)	3.401	3095087	29.918 ug/ml
2) T n-Decane (C10)	4.475	3403675	32.770 ug/ml
3) T A~Naphthalene (C11.7)	6.071	4001749	34.804 ug/ml
4) T n-Dodecane (C12)	6.497	3856566	36.484 ug/ml
5) T A~2-methylnaphthalene...	7.130	4222813	36.118 ug/ml
6) T n-Tetradecane (C14)	8.297	4205577	39.865 ug/ml
7) T n-Hexadecane (C16)	9.898	4310773	41.423 ug/ml
8) T n-Octadecane (C18)	11.341	4324605	40.240 ug/ml
10) T n-Eicosane (C20)	12.651	4186984	39.101 ug/ml
11) T n-Heneicosane (C21)	13.263	4174600	39.229 ug/ml
13) T n-Docosane (C22)	13.849	4166822	39.375 ug/ml
14) T n-Tetracosane (C24)	14.951	8404618	80.318 ug/ml
15) T n-Hexacosane (C26)	15.973	3985602	38.988 ug/ml
16) T n-Octacosane (C28)	16.921	4260114	42.389 ug/ml
17) T n-Tricontane (C30)	17.810	4179368	42.925 ug/ml
18) T n-Dotriacontane (C32)	18.641	4486261	49.648 ug/ml
19) T n-Tetratriacontane (C34)	19.422	3950565	46.150 ug/ml
20) T n-Hexatriacontane (C36)	20.160	3599934	44.683 ug/ml
21) T n-Octatriacontane (C38)	20.912	3385783	44.723 ug/ml
22) T n-Tetracontane (C40)	21.859	3249390	41.760 ug/ml

(f)=RT Delta > 1/2 Window

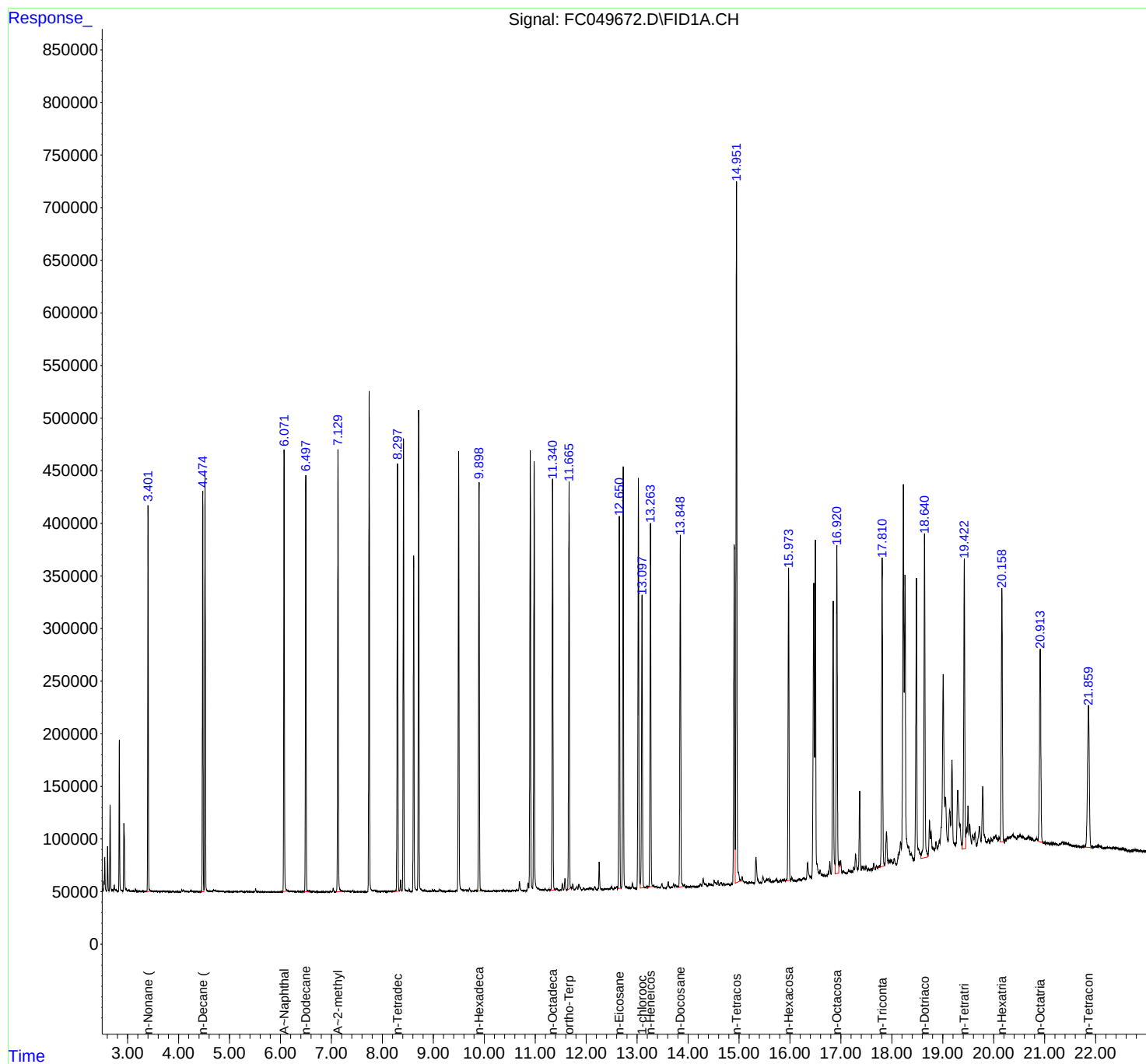
(m)=manual int.

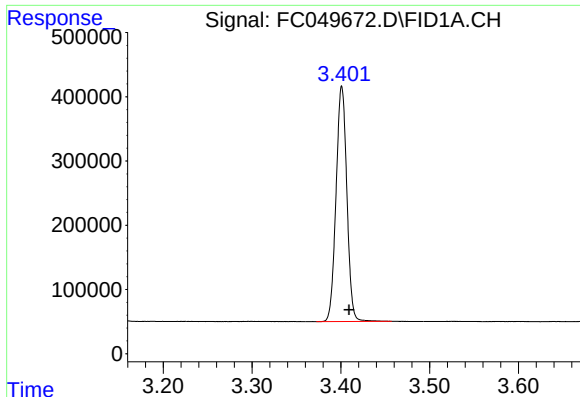
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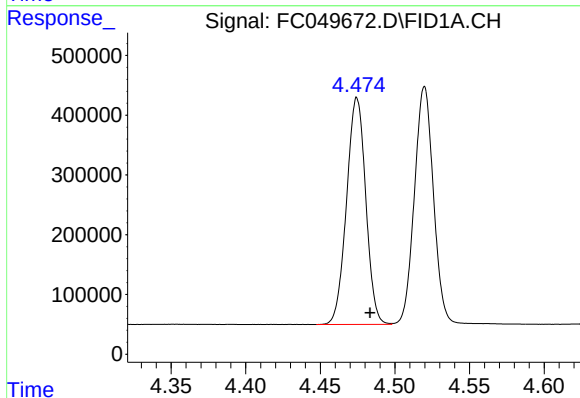




#1 n-Nonane (C9)

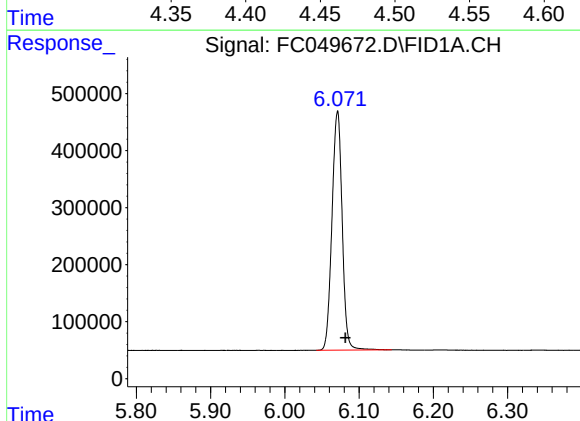
R.T.: 3.401 min
Delta R.T.: -0.008 min
Response: 3095087
Conc: 29.92 ug/ml

Instrument :
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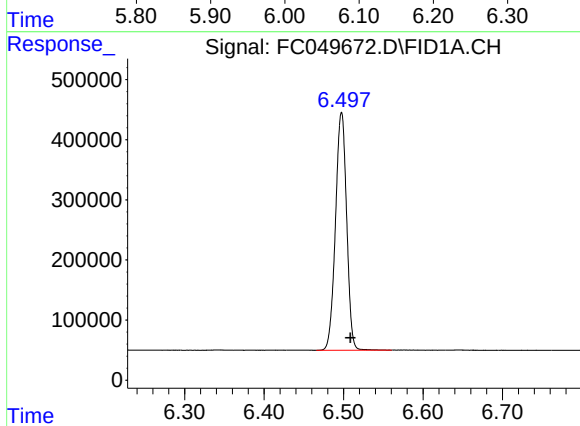
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.009 min
Response: 3403675
Conc: 32.77 ug/ml



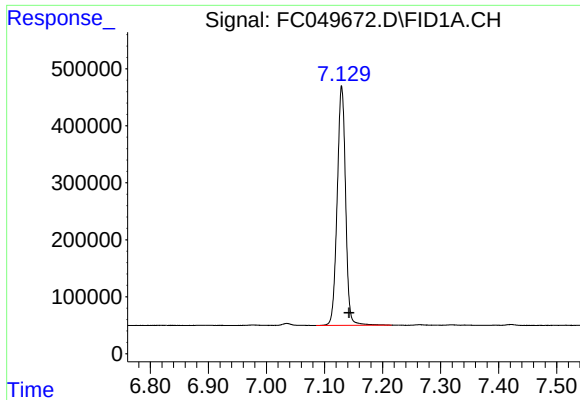
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.011 min
Response: 4001749
Conc: 34.80 ug/ml



#4 n-Dodecane (C12)

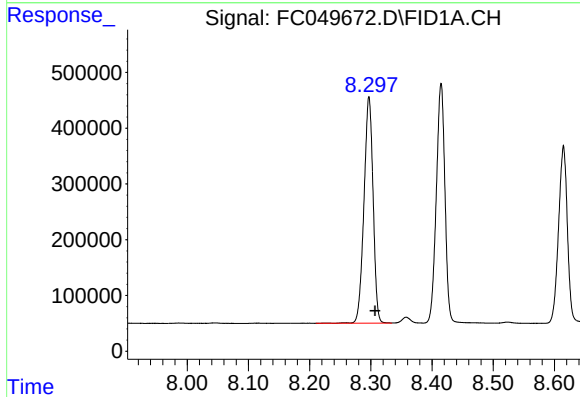
R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 3856566
Conc: 36.48 ug/ml



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

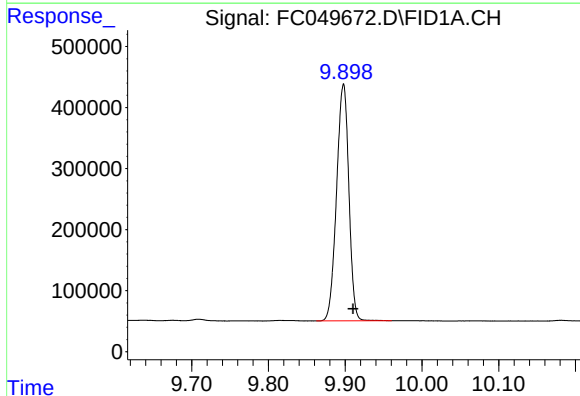
R.T.: 7.130 min
Delta R.T.: -0.013 min
Response: 4222813
Conc: 36.12 ug/ml

Instrument :
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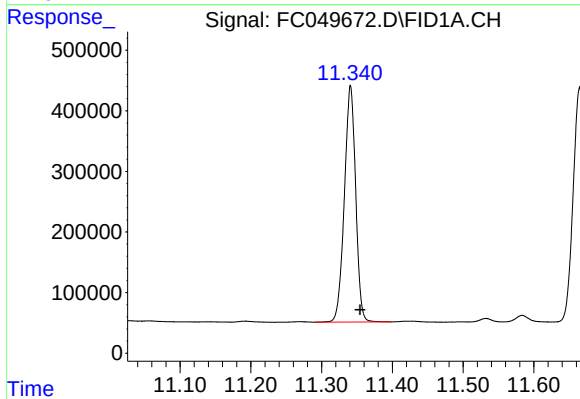
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.010 min
Response: 4205577
Conc: 39.86 ug/ml



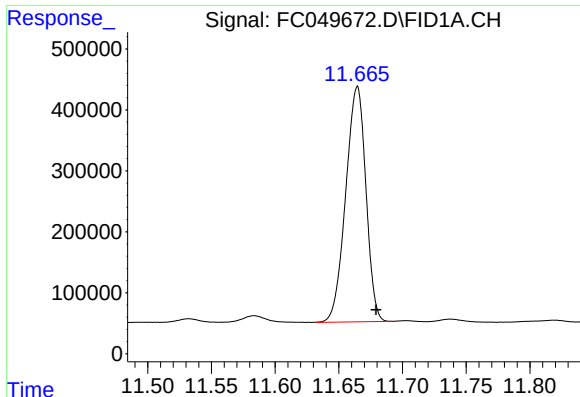
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.012 min
Response: 4310773
Conc: 41.42 ug/ml



#8 n-Octadecane (C18)

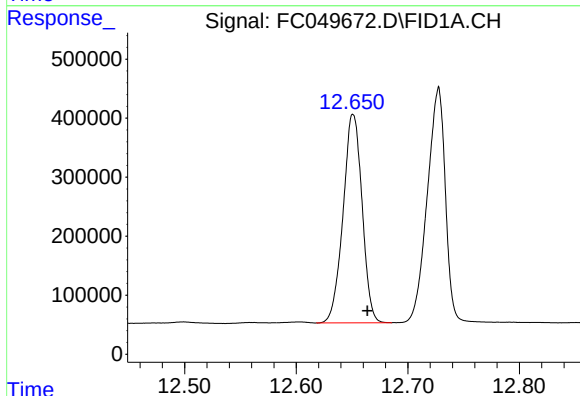
R.T.: 11.341 min
Delta R.T.: -0.013 min
Response: 4324605
Conc: 40.24 ug/ml



#9 ortho-Terphenyl (SURR)

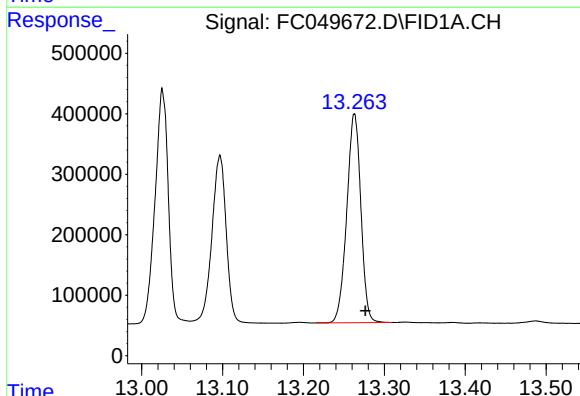
R.T.: 11.665 min
Delta R.T.: -0.015 min
Response: 4254436
Conc: 37.03 ug/ml

Instrument :
FID_C
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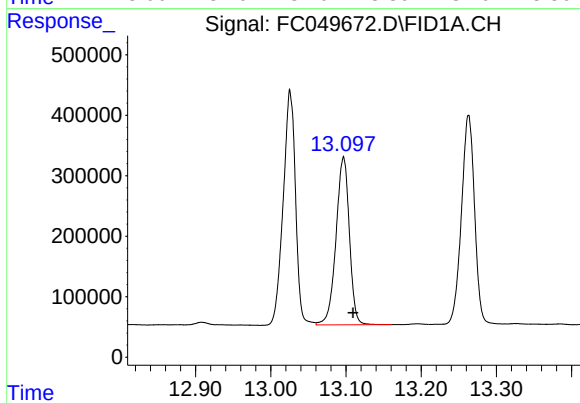
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.013 min
Response: 4186984
Conc: 39.10 ug/ml



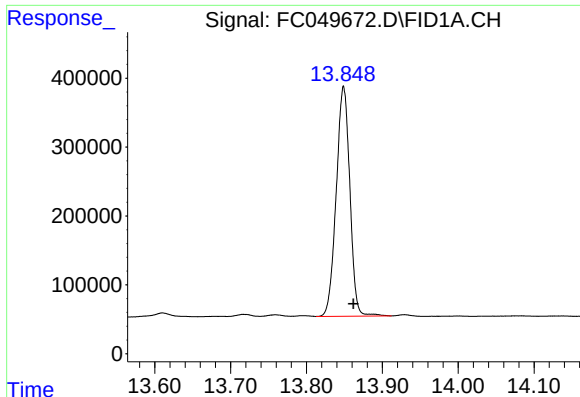
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.014 min
Response: 4174600
Conc: 39.23 ug/ml



#12 1-chlorooctadecane (SURR)

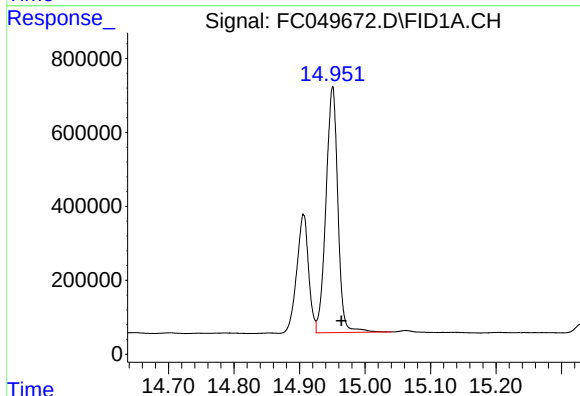
R.T.: 13.097 min
Delta R.T.: -0.013 min
Response: 3431689
Conc: 38.53 ug/ml



#13 n-Docosane (C22)

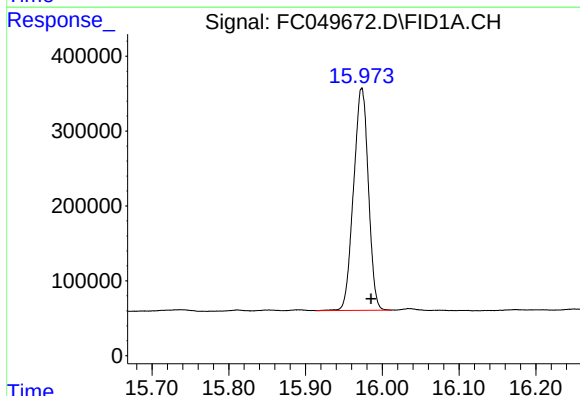
R.T.: 13.849 min
Delta R.T.: -0.013 min
Response: 4166822
Conc: 39.38 ug/ml

Instrument :
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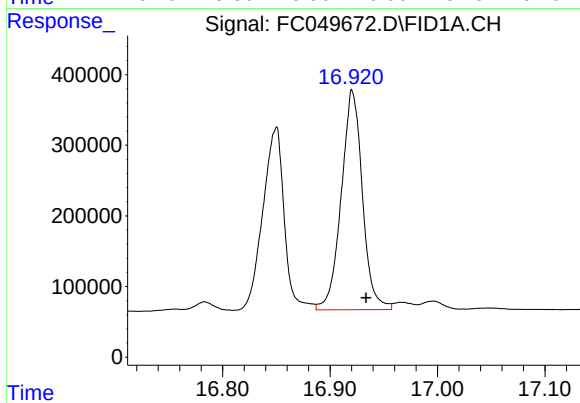
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.014 min
Response: 8404618
Conc: 80.32 ug/ml



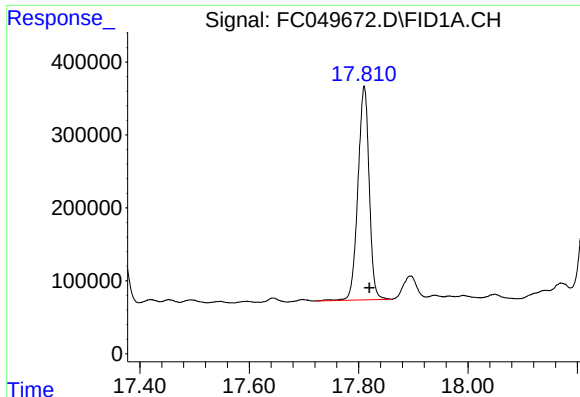
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: -0.012 min
Response: 3985602
Conc: 38.99 ug/ml



#16 n-Octacosane (C28)

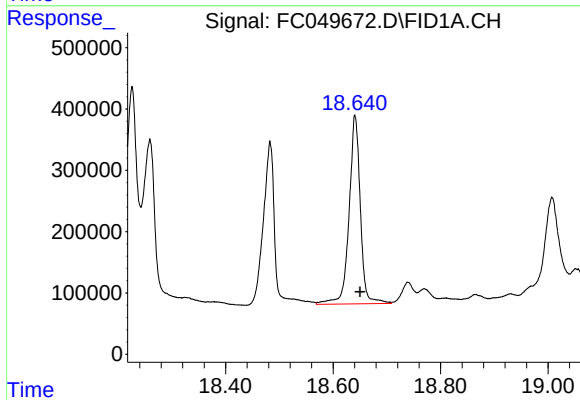
R.T.: 16.921 min
Delta R.T.: -0.013 min
Response: 4260114
Conc: 42.39 ug/ml



#17 n-Tricontane (C30)

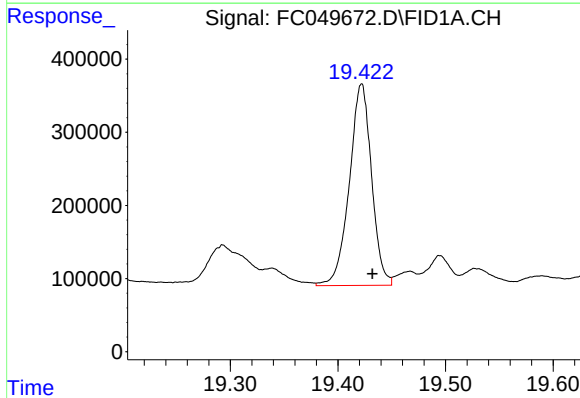
R.T.: 17.810 min
Delta R.T.: -0.009 min
Response: 4179368
Conc: 42.92 ug/ml

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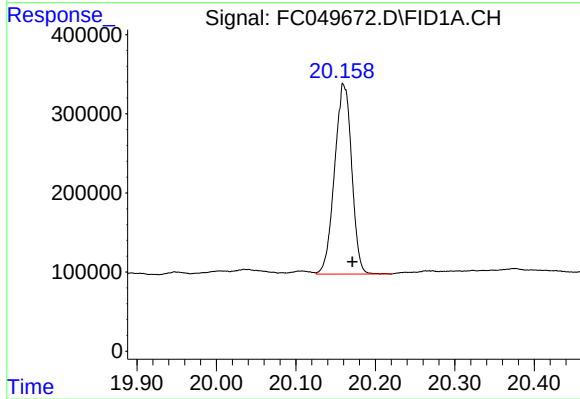
#18 n-Dotriacontane (C32)

R.T.: 18.641 min
Delta R.T.: -0.009 min
Response: 4486261
Conc: 49.65 ug/ml



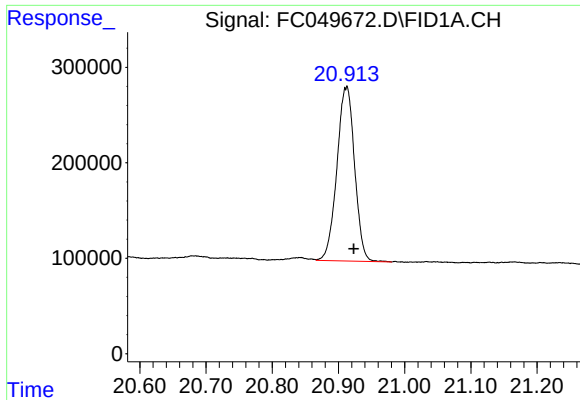
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.010 min
Response: 3950565
Conc: 46.15 ug/ml



#20 n-Hexatriacontane (C36)

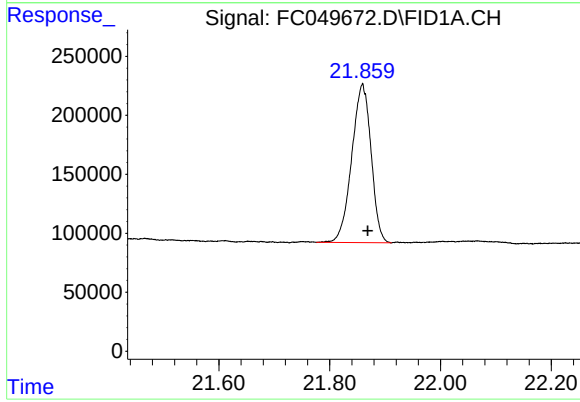
R.T.: 20.160 min
Delta R.T.: -0.011 min
Response: 3599934
Conc: 44.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.011 min
Response: 3385783
Conc: 44.72 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.010 min
Response: 3249390
Conc: 41.76 ug/ml