

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101121AL\
 Data File : FC056107.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2021 00:04
 Operator : AJ\MA
 Sample : M4127-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CHRT-27051-EPH-2MS

Manual Integrations
 APPROVED

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 10/13/2021 1:20:48 PM

Integration File: autoint1.e
 Quant Time: Oct 12 03:12:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 2021
 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)	11.644	4503139	37.950 ug/ml
Spiked Amount 50.000		Recovery =	75.90%
12) S 1-chlorooctadecane (S...	13.074	3456975	37.628 ug/ml
Spiked Amount 50.000		Recovery =	75.26%
Target Compounds			
1) T n-Nonane (C9)	3.388	2454805	23.004 ug/ml
2) T n-Decane (C10)	4.459	3104685	29.045 ug/ml
3) T A~Naphthalene (C11.7)	6.053	3910231	32.498 ug/ml
4) T n-Dodecane (C12)	6.480	3851604	35.485 ug/ml
5) T A~2-methylnaphthalene...	7.112	4082775	33.610 ug/ml
6) T n-Tetradecane (C14)	8.277	4489672	40.581 ug/mlm
7) T n-Hexadecane (C16)	9.878	4788700	43.262 ug/mlm
8) T n-Octadecane (C18)	11.321	5107851	45.638 ug/ml
10) T n-Eicosane (C20)	12.630	4754789	43.531 ug/ml
11) T n-Heneicosane (C21)	13.240	4737651	43.575 ug/ml
13) T n-Docosane (C22)	13.825	4709666	44.099 ug/ml
14) T n-Tetracosane (C24)	14.927	9136886	87.377 ug/ml
15) T n-Hexacosane (C26)	15.946	4534758	45.134 ug/ml
16) T n-Octacosane (C28)	16.892	4648039	48.052 ug/ml
17) T n-Tricontane (C30)	17.778	4471018	48.187 ug/ml
18) T n-Dotriacontane (C32)	18.606	4398704	49.475 ug/ml
19) T n-Tetratriacontane (C34)	19.386	4199956	48.561 ug/ml
20) T n-Hexatriacontane (C36)	20.122	3936545	48.182 ug/ml
21) T n-Octatriacontane (C38)	20.864	3683067	46.219 ug/ml
22) T n-Tetracontane (C40)	21.790	3729213	46.522 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

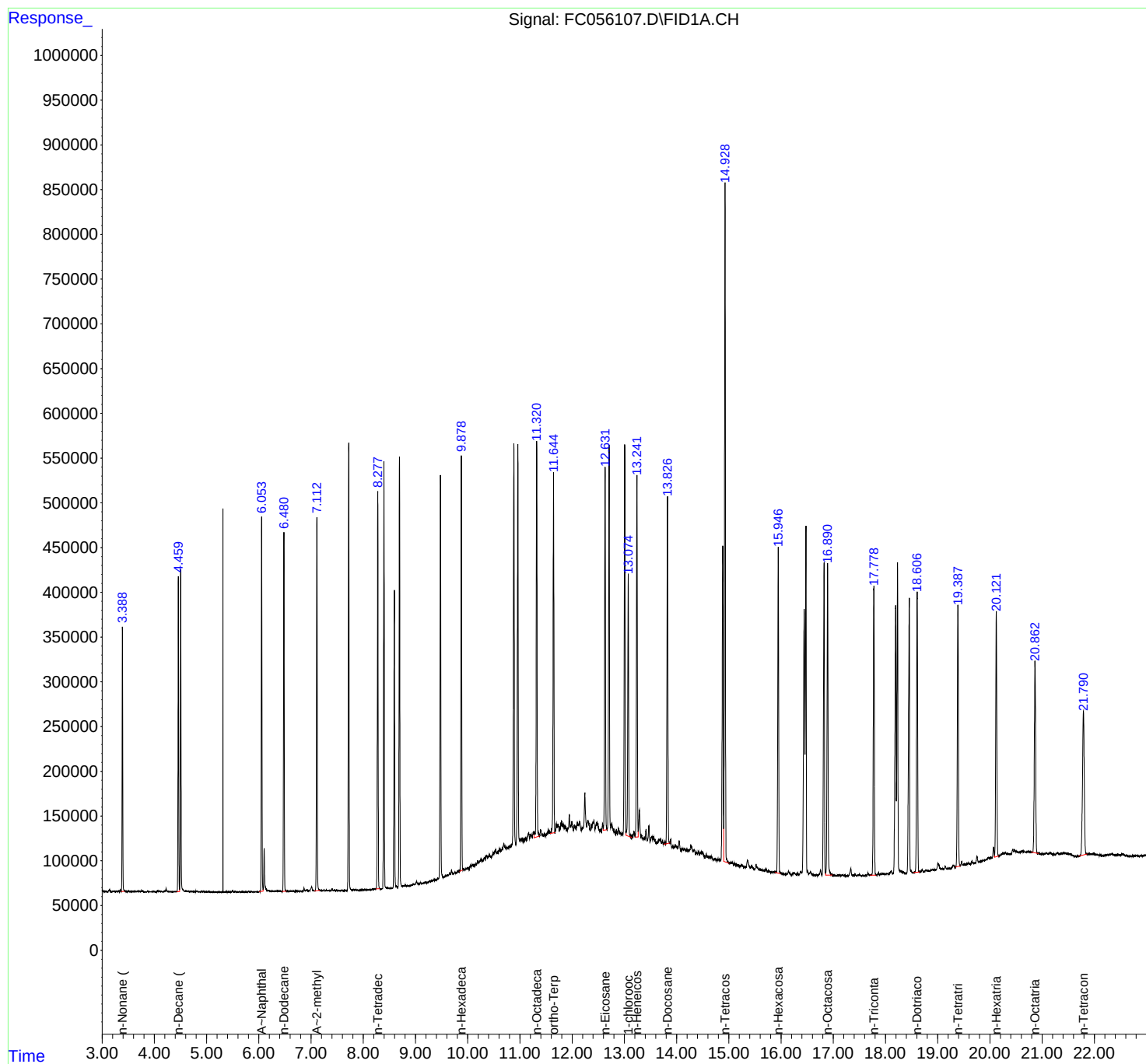
Instrument :
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CHRT-27051-EPH-2MS

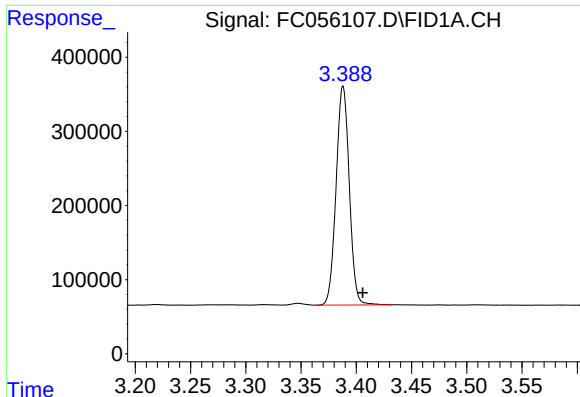
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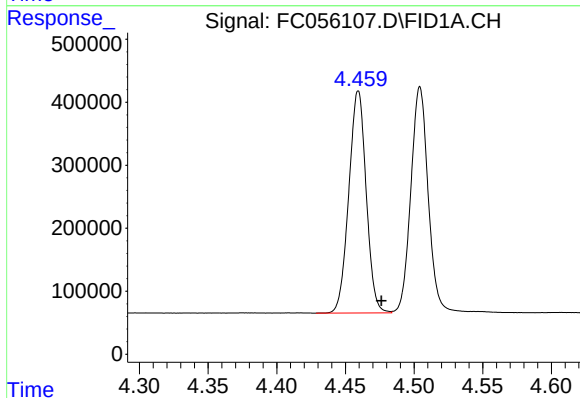
#1 n-Nonane (C9)

R.T.: 3.388 min
Delta R.T.: -0.018 min
Response: 2454805
Conc: 23.00 ug/ml

Instrument :
FID_C
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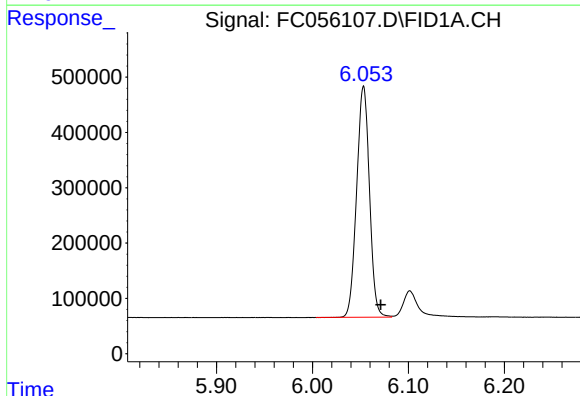
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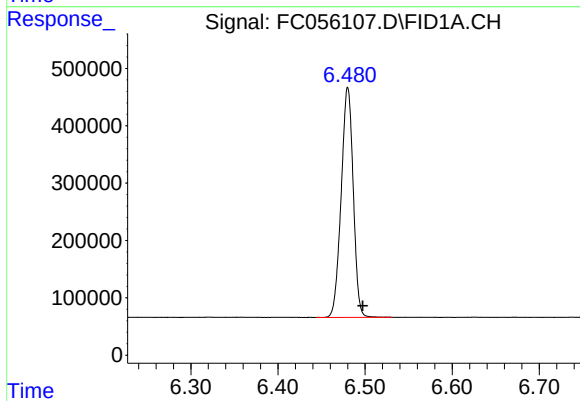
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.017 min
Response: 3104685
Conc: 29.04 ug/ml



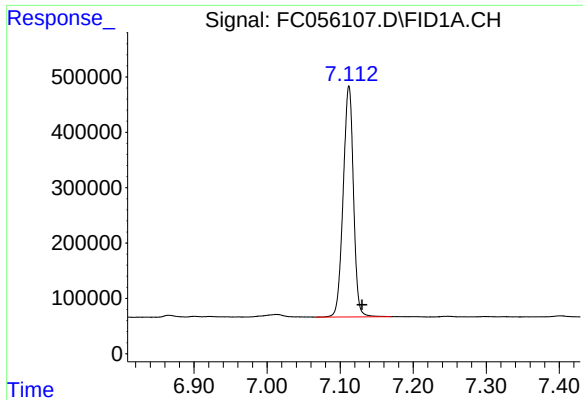
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.018 min
Response: 3910231
Conc: 32.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.017 min
Response: 3851604
Conc: 35.49 ug/ml



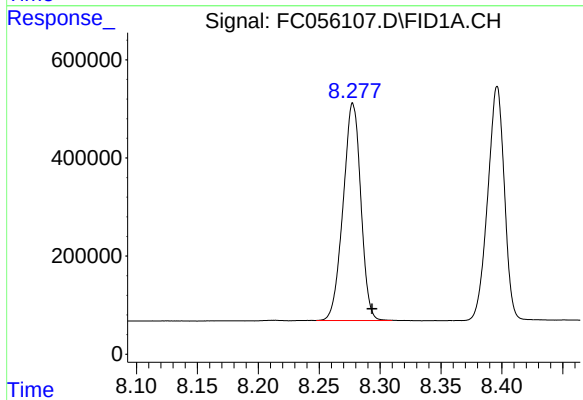
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: -0.018 min
Response: 4082775
Conc: 33.61 ug/ml

Instrument :
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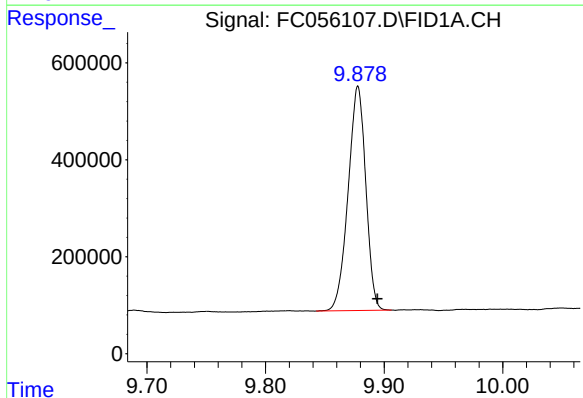
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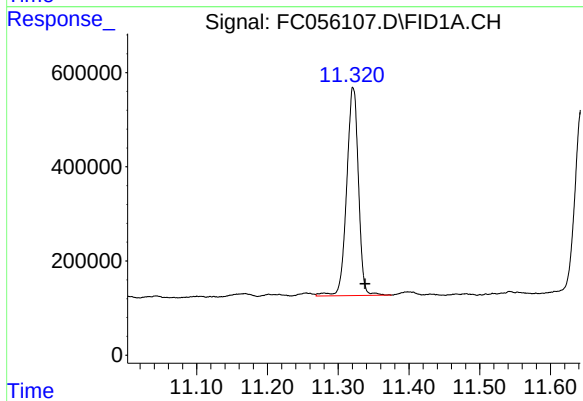
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 4489672
Conc: 40.58 ug/ml m



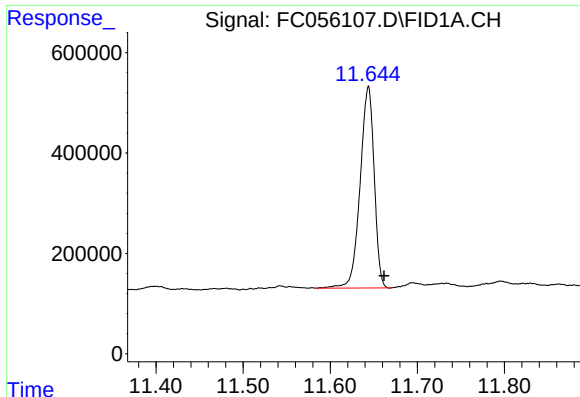
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.017 min
Response: 4788700
Conc: 43.26 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.017 min
Response: 5107851
Conc: 45.64 ug/ml



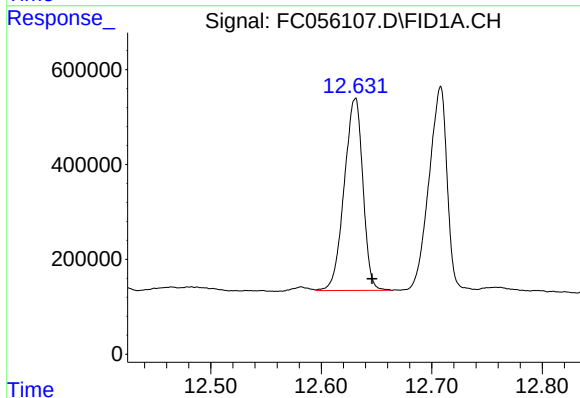
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.018 min
Response: 4503139
Conc: 37.95 ug/ml

Instrument :
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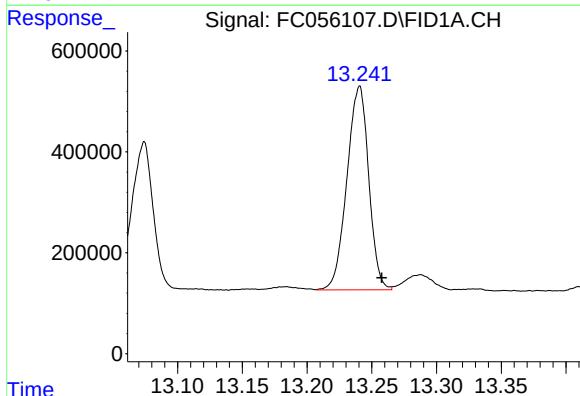
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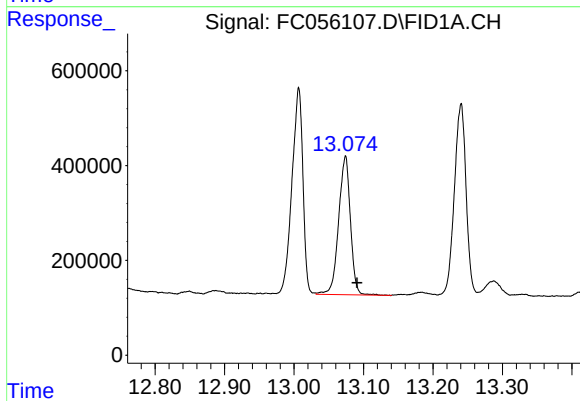
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.016 min
Response: 4754789
Conc: 43.53 ug/ml



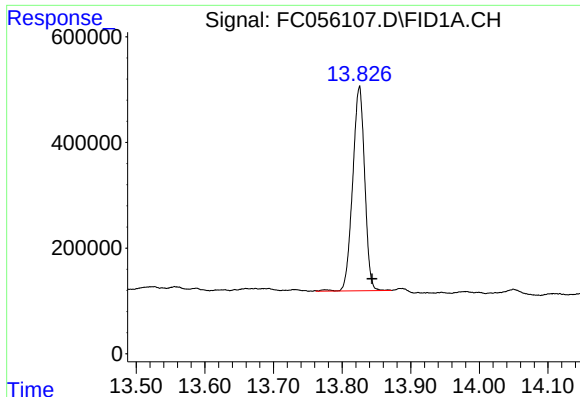
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: -0.018 min
Response: 4737651
Conc: 43.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: -0.017 min
Response: 3456975
Conc: 37.63 ug/ml



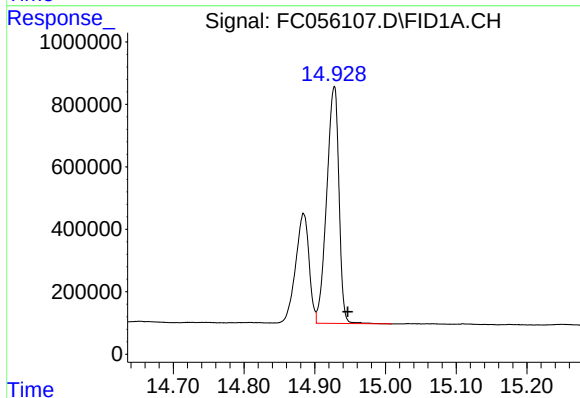
#13 n-Docosane (C22)

R.T.: 13.825 min
Delta R.T.: -0.018 min
Response: 4709666
Conc: 44.10 ug/ml

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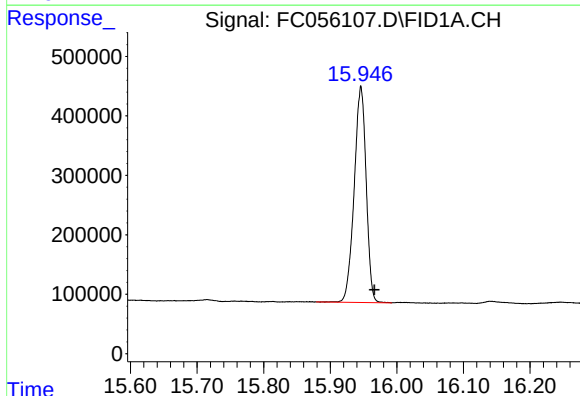
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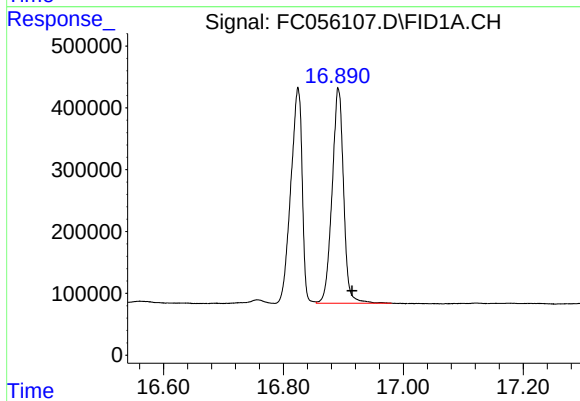
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.019 min
Response: 9136886
Conc: 87.38 ug/ml



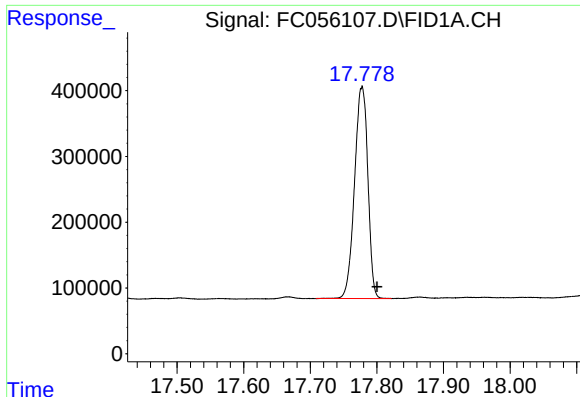
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.020 min
Response: 4534758
Conc: 45.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.892 min
Delta R.T.: -0.023 min
Response: 4648039
Conc: 48.05 ug/ml



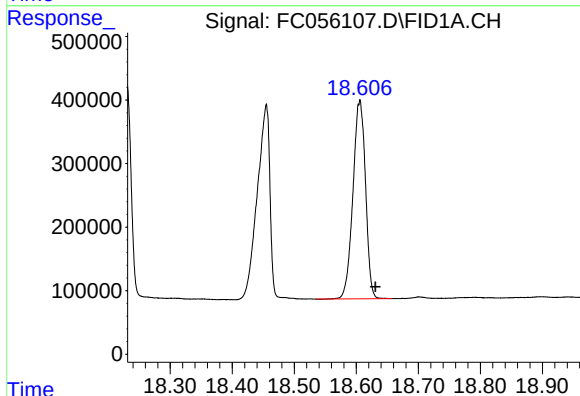
#17 n-Tricontane (C30)

R.T.: 17.778 min
Delta R.T.: -0.023 min
Response: 4471018
Conc: 48.19 ug/ml

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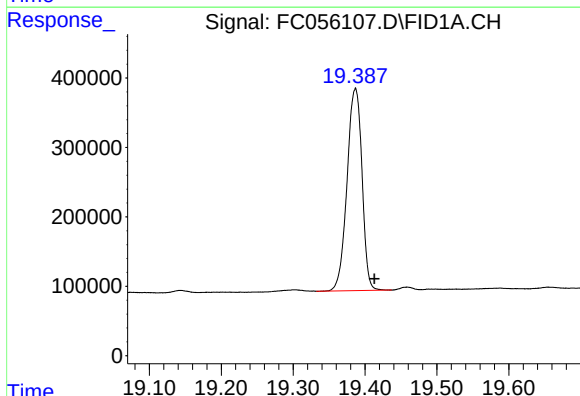
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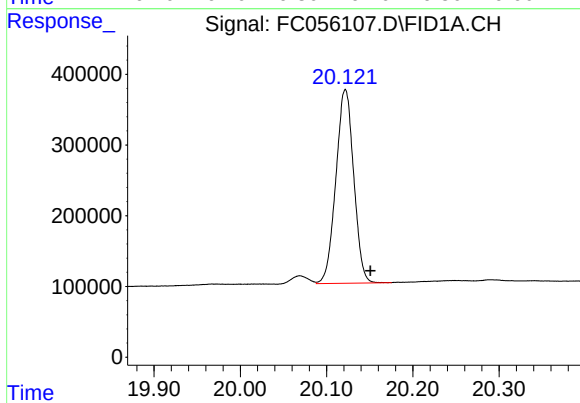
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: -0.025 min
Response: 4398704
Conc: 49.48 ug/ml



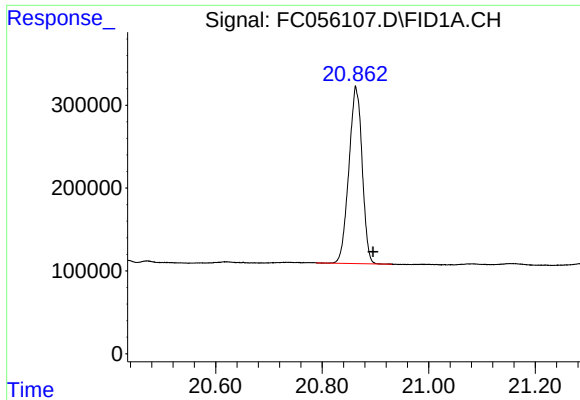
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min
Delta R.T.: -0.027 min
Response: 4199956
Conc: 48.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.122 min
Delta R.T.: -0.029 min
Response: 3936545
Conc: 48.18 ug/ml



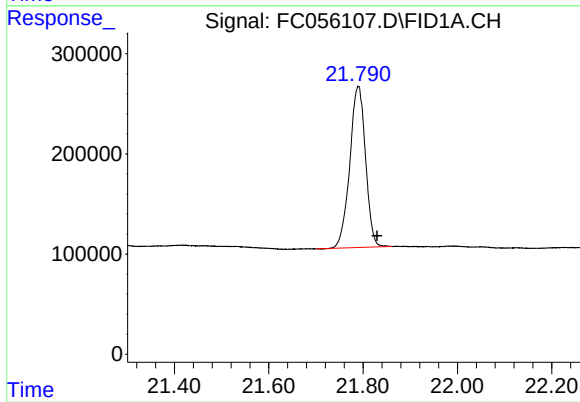
#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: -0.032 min
Response: 3683067
Conc: 46.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: -0.040 min
Response: 3729213
Conc: 46.52 ug/ml