

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100220AL\
 Data File : FC049888.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2020 21:56
 Operator : DD\AJ
 Sample : L4230-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 26516MS

Manual Integrations
 APPROVED

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 10/5/2020 11:39:12 AM

Integration File: autoint1.e
 Quant Time: Oct 03 03:18:08 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)	11.666	4812836	41.889 ug/mlm
Spiked Amount 50.000		Recovery =	83.78%
12) S 1-chlorooctadecane (S...	13.102	4069254	45.685 ug/mlm
Spiked Amount 50.000		Recovery =	91.37%
Target Compounds			
1) T n-Nonane (C9)	3.391	1597888	15.446 ug/ml
2) T n-Decane (C10)	4.466	2217444	21.349 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3309147	28.781 ug/ml
4) T n-Dodecane (C12)	6.491	3320163	31.410 ug/ml
5) T A~2-methylnaphthalene...	7.123	3758041	32.143 ug/ml
6) T n-Tetradecane (C14)	8.291	4156892	39.403 ug/ml
7) T n-Hexadecane (C16)	9.895	4101362	39.410 ug/mlm
8) T n-Octadecane (C18)	11.345	4102901	38.177 ug/mlm
10) T n-Eicosane (C20)	12.654	4197299	39.198 ug/mlm
11) T n-Heneicosane (C21)	13.266	4047226	38.032 ug/mlm
13) T n-Docosane (C22)	13.851	4031680	38.098 ug/mlm
14) T n-Tetracosane (C24)	14.954	8538748	81.599 ug/mlm
15) T n-Hexacosane (C26)	15.973	3938580	38.528 ug/mlm
16) T n-Octacosane (C28)	16.919	4268888	42.477 ug/ml
17) T n-Tricontane (C30)	17.807	4102963	42.140 ug/ml
18) T n-Dotriacontane (C32)	18.636	4168494	46.131 ug/ml
19) T n-Tetratriacontane (C34)	19.419	3967789	46.351 ug/ml
20) T n-Hexatriacontane (C36)	20.155	3769545	46.789 ug/ml
21) T n-Octatriacontane (C38)	20.908	3535984	46.707 ug/ml
22) T n-Tetracontane (C40)	21.851	3693858	47.472 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 02 Oct 2020 21:56
Operator : DD\AJ
Sample : L4230-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

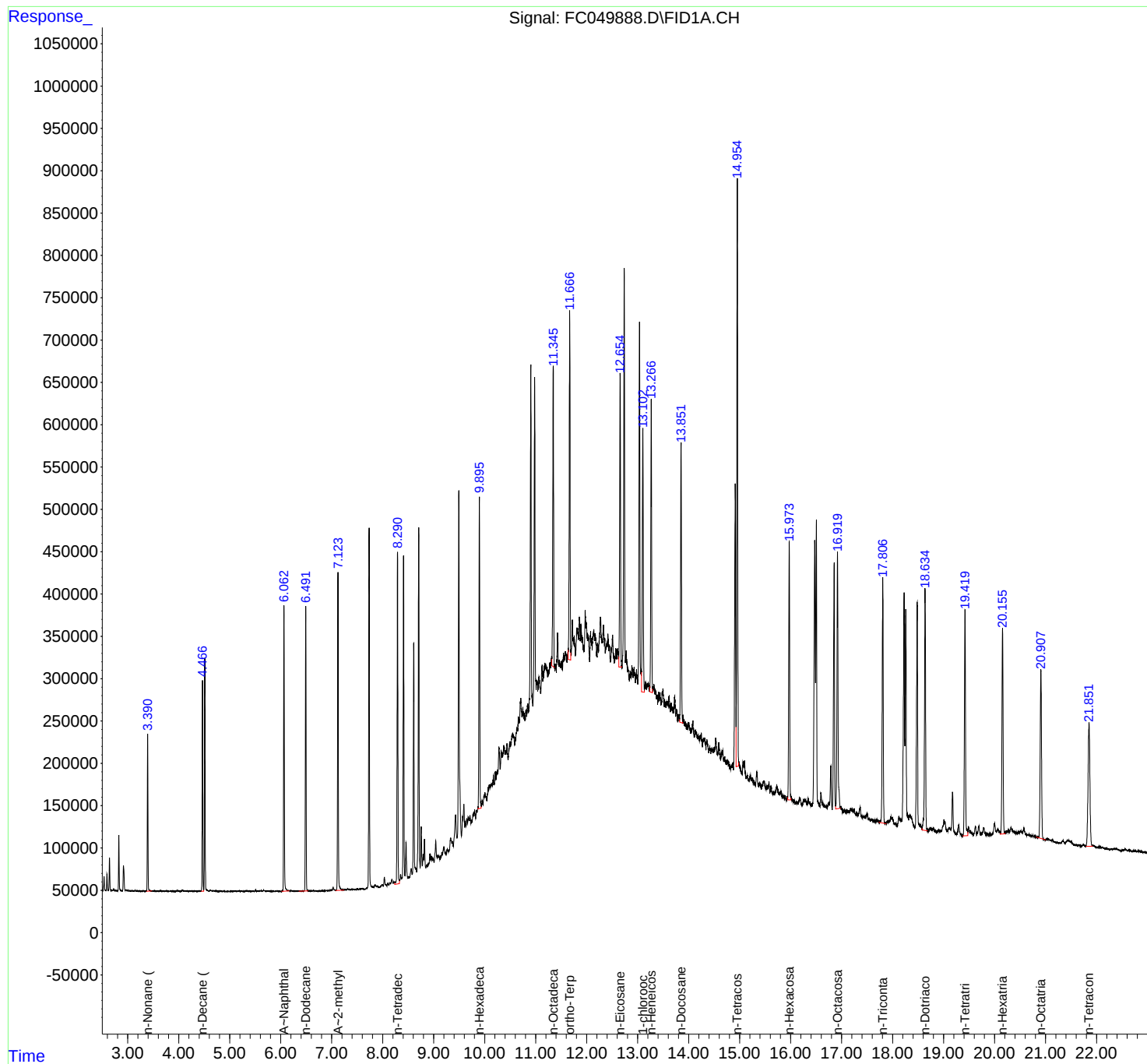
Instrument :
FID_C
ClientSampled :
26516MS

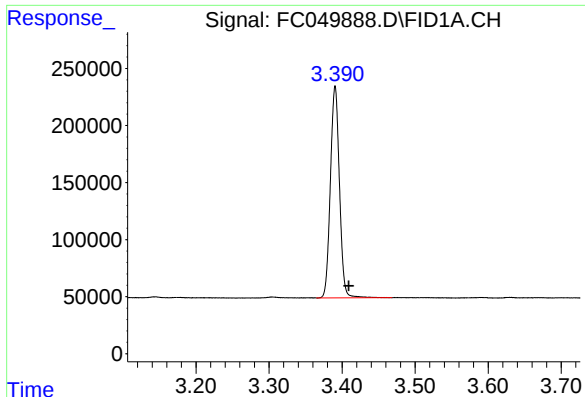
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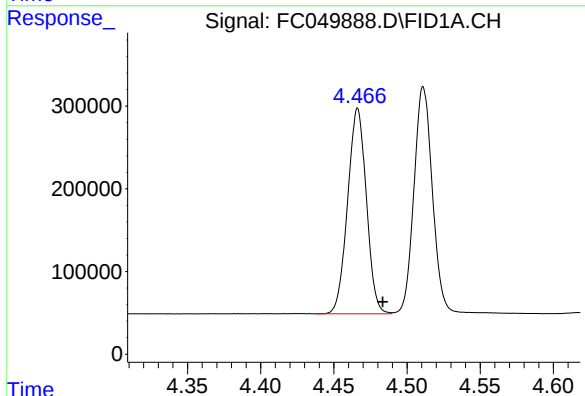
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: -0.018 min
Response: 1597888
Conc: 15.45 ug/ml

Instrument :
FID_C
ClientSampleId :
26516MS

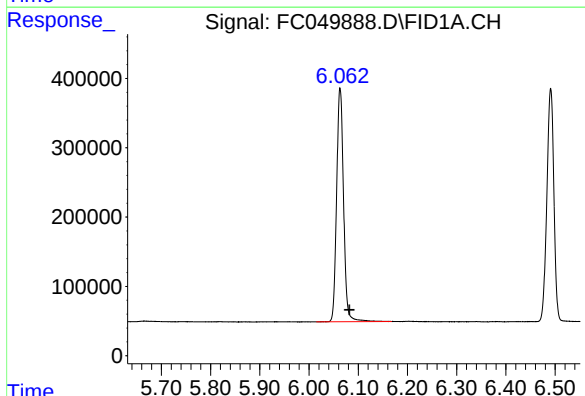
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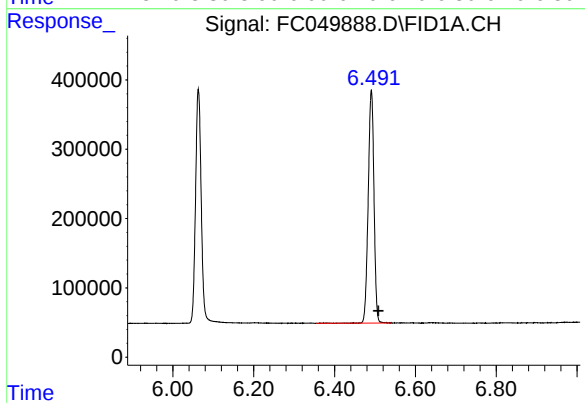
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.017 min
Response: 2217444
Conc: 21.35 ug/ml



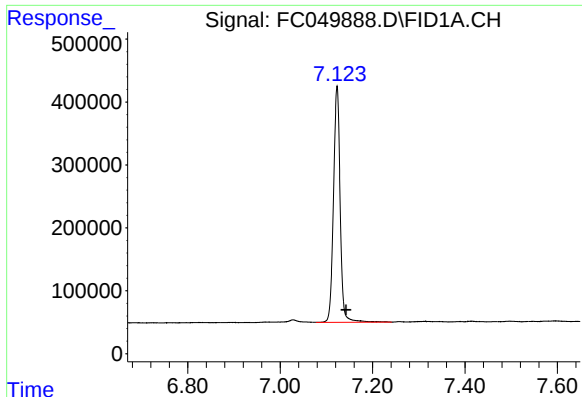
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.019 min
Response: 3309147
Conc: 28.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.018 min
Response: 3320163
Conc: 31.41 ug/ml



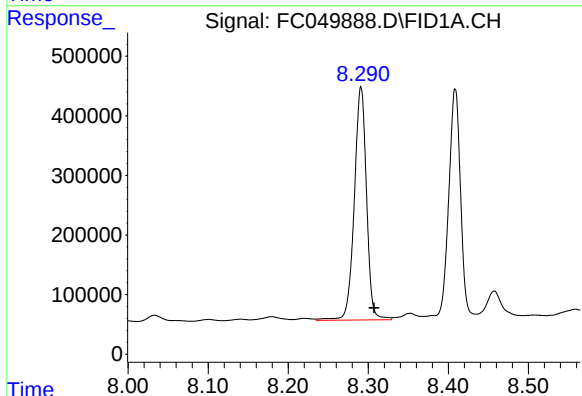
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: -0.020 min
Response: 3758041
Conc: 32.14 ug/ml

Instrument :
FID_C
ClientSampleId :
26516MS

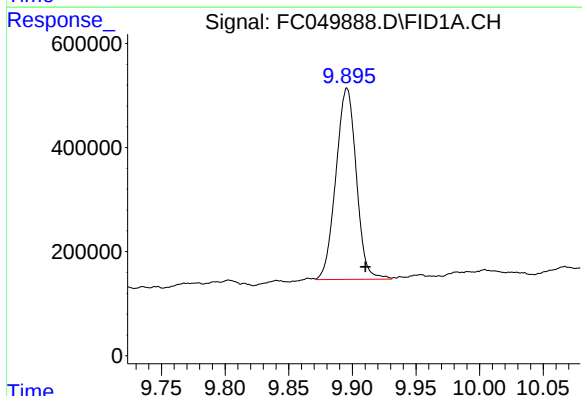
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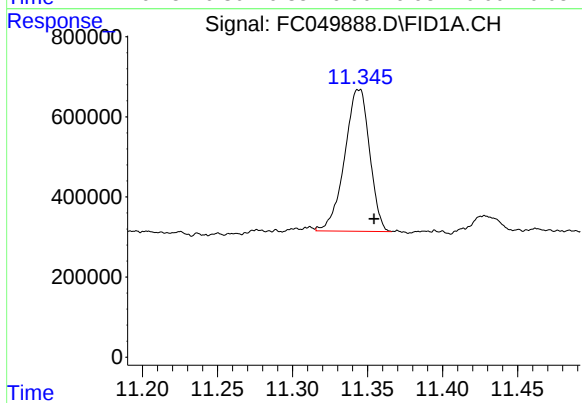
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.016 min
Response: 4156892
Conc: 39.40 ug/ml



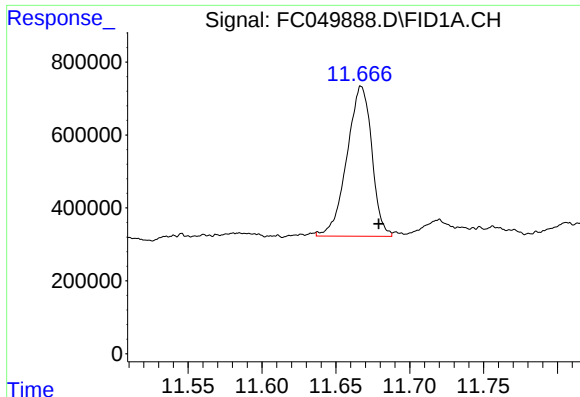
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.015 min
Response: 4101362
Conc: 39.41 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: -0.009 min
Response: 4102901
Conc: 38.18 ug/ml m



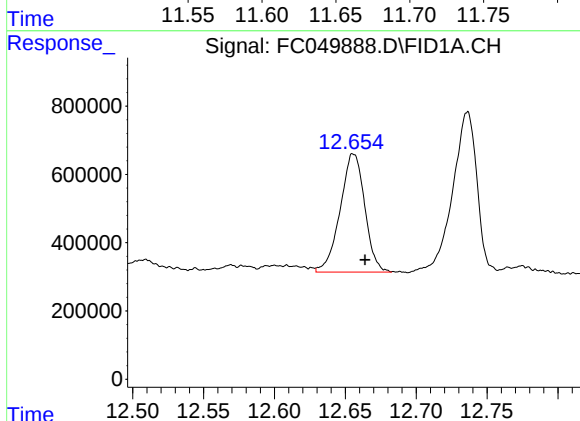
#9 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: -0.013 min
Response: 4812836
Conc: 41.89 ug/ml m

Instrument :
FID_C
ClientSampleId :
26516MS

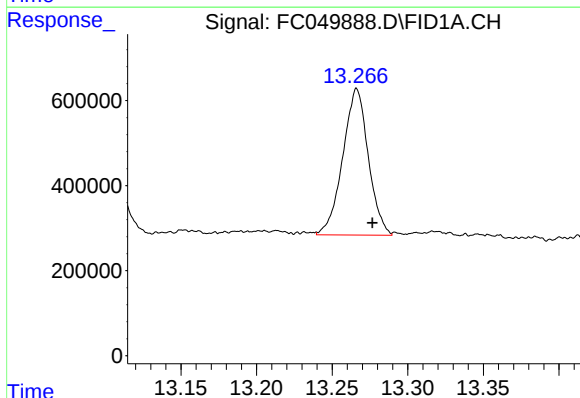
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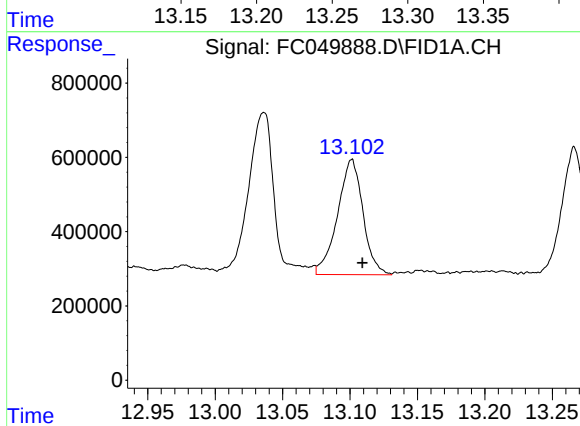
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.009 min
Response: 4197299
Conc: 39.20 ug/ml m



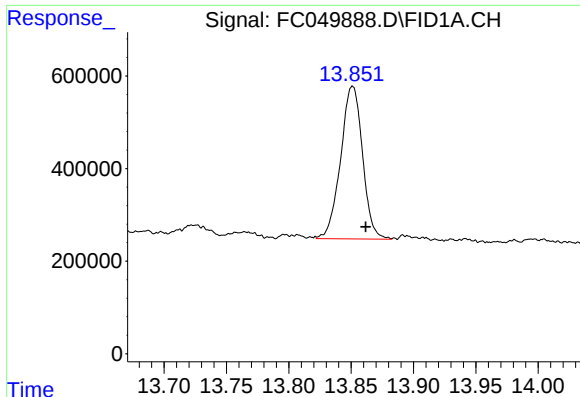
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.011 min
Response: 4047226
Conc: 38.03 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.008 min
Response: 4069254
Conc: 45.68 ug/ml m



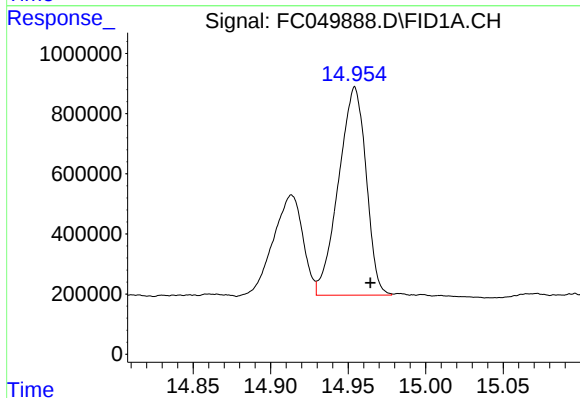
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.011 min
Response: 4031680
Conc: 38.10 ug/ml m

Instrument :
FID_C
ClientSampleId :
26516MS

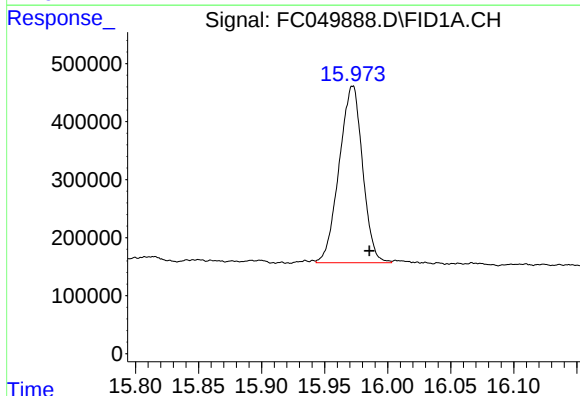
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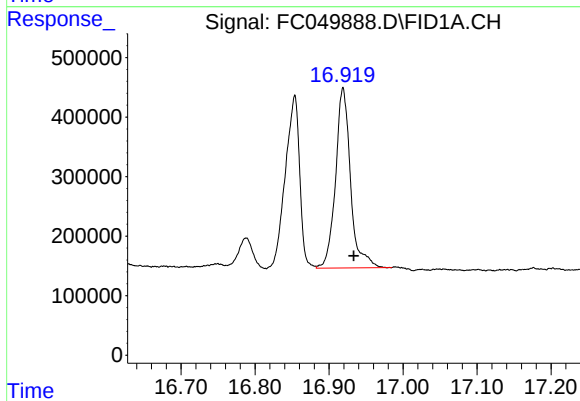
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.010 min
Response: 8538748
Conc: 81.60 ug/ml m



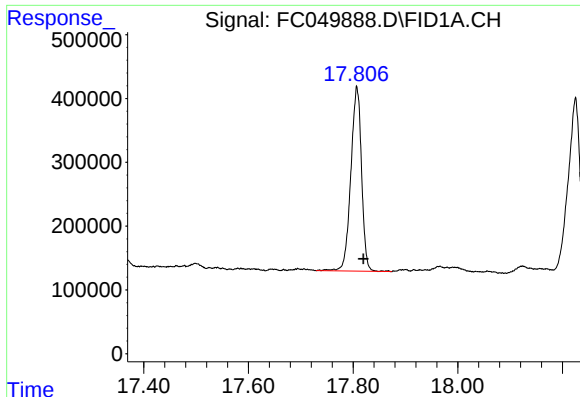
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: -0.013 min
Response: 3938580
Conc: 38.53 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.919 min
Delta R.T.: -0.015 min
Response: 4268888
Conc: 42.48 ug/ml



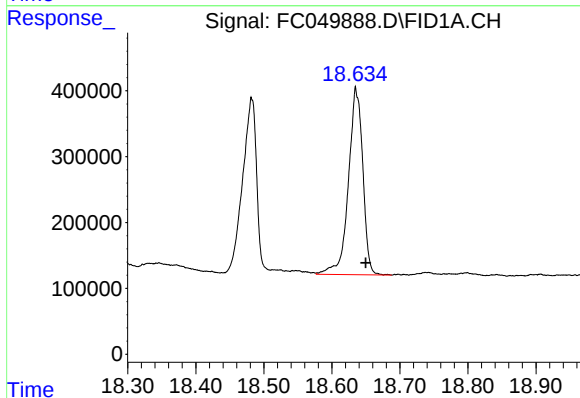
#17 n-Tricontane (C30)

R.T.: 17.807 min
Delta R.T.: -0.012 min
Response: 4102963
Conc: 42.14 ug/ml

Instrument :
FID_C
ClientSampleId :
26516MS

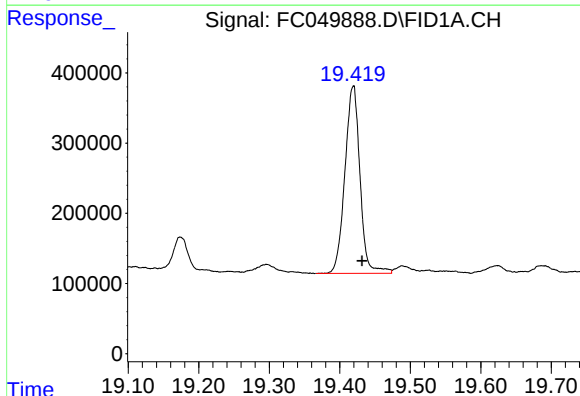
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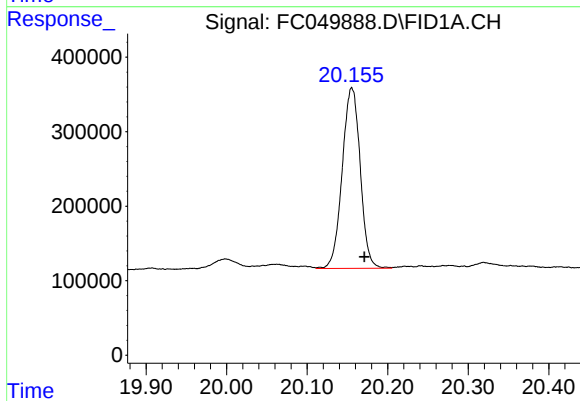
#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: -0.014 min
Response: 4168494
Conc: 46.13 ug/ml



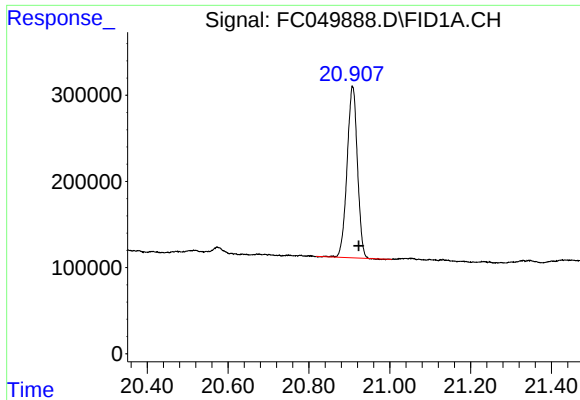
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.013 min
Response: 3967789
Conc: 46.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.016 min
Response: 3769545
Conc: 46.79 ug/ml



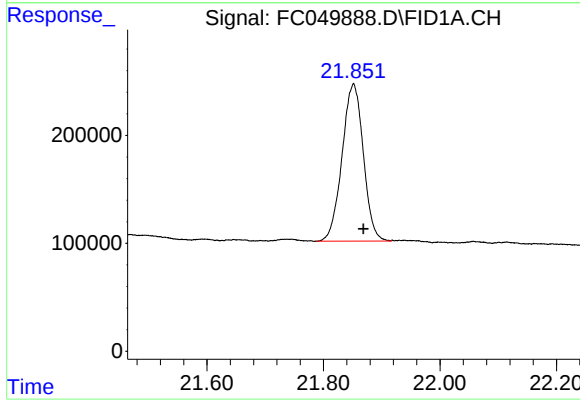
#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: -0.015 min
Response: 3535984
Conc: 46.71 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.017 min
Response: 3693858
Conc: 47.47 ug/ml m