

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058146.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 3:49
 Operator : AJ\MA
 Sample : N1248-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 06:06:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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			
12) S 1-chlorooctadecane (S...	12.134	3760713	25.516 ug/mlm
Spiked Amount 50.000		Recovery =	51.03%
Target Compounds			
1) T n-Nonane (C9)	2.627	3240343	20.263 ug/ml
2) T n-Decane (C10)	3.617	4243623	26.402 ug/ml
4) T n-Dodecane (C12)	5.588	5368704	33.289 ug/ml
6) T n-Tetradecane (C14)	7.369	6324377	38.308 ug/ml
7) T n-Hexadecane (C16)	8.961	6997860	41.893 ug/ml
8) T n-Octadecane (C18)	10.394	7070043	41.084 ug/ml
10) T n-Eicosane (C20)	11.697	6680060	39.020 ug/ml
11) T n-Heneicosane (C21)	12.305	6550069	37.878 ug/ml
13) T n-Docosane (C22)	12.889	6433354	37.186 ug/ml
14) T n-Tetracosane (C24)	13.986	6229103	35.984 ug/ml
15) T n-Hexacosane (C26)	15.002	6086352	36.166 ug/ml
16) T n-Octacosane (C28)	15.950	6115292	37.370 ug/mlm
17) T n-Tricontane (C30)	16.832	6390203	40.930 ug/mlm
18) T n-Dotriacontane (C32)	17.665	5982770	42.910 ug/ml
19) T n-Tetratriacontane (C34)	18.446	5670132	45.621 ug/ml
20) T n-Hexatriacontane (C36)	19.185	4666482	41.973 ug/ml
21) T n-Octatriacontane (C38)	19.889	4727617	45.321 ug/mlm
22) T n-Tetracontane (C40)	20.714	4409000	46.046 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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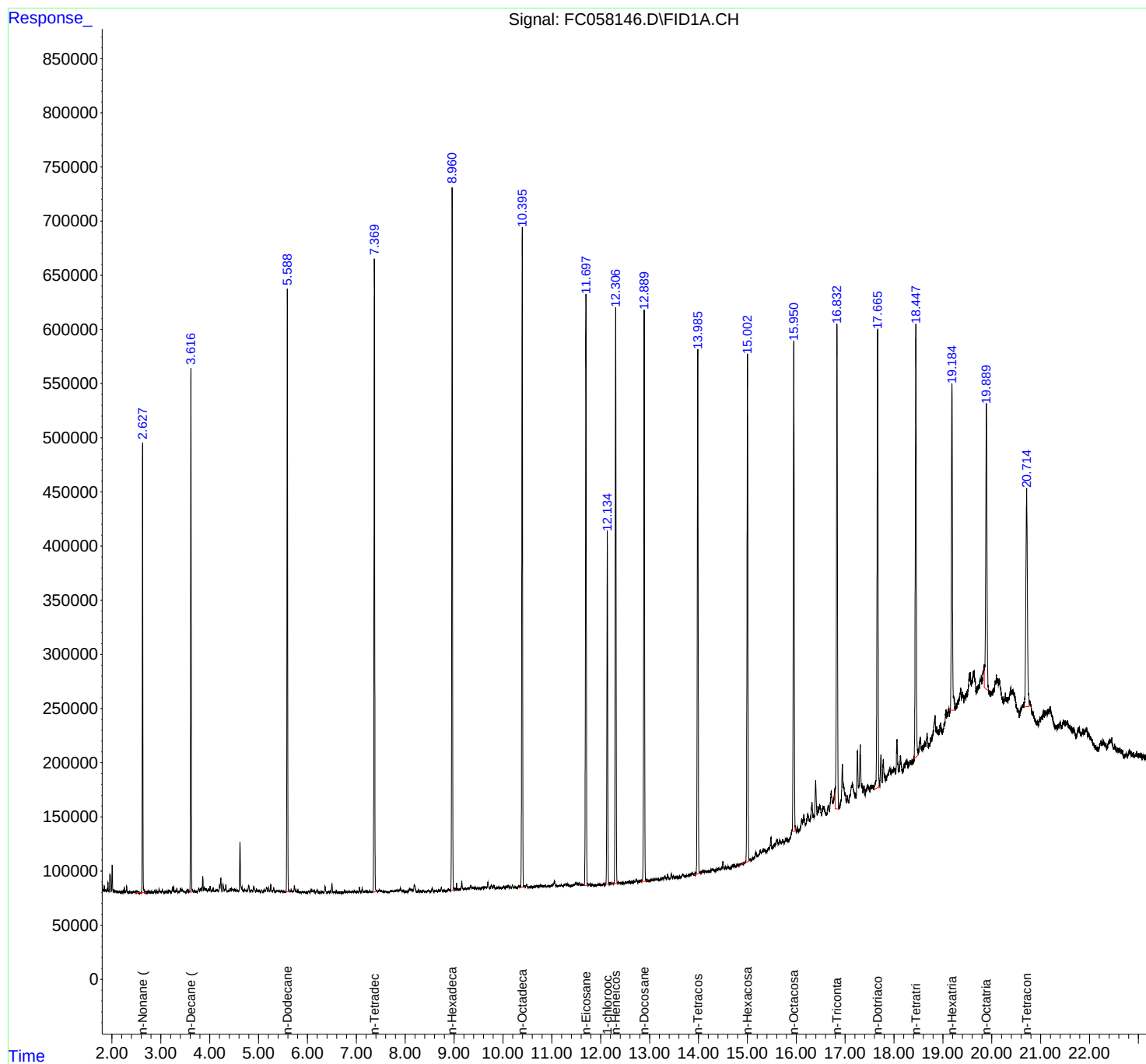
Instrument :
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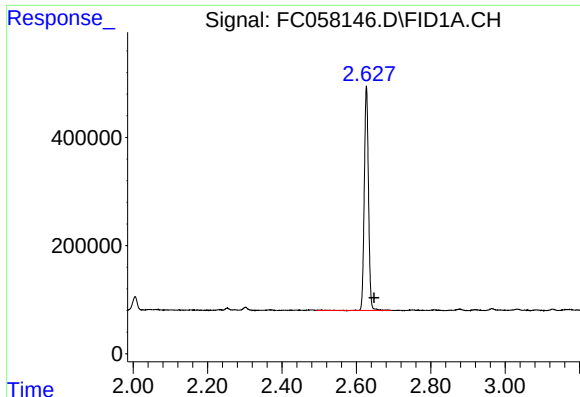
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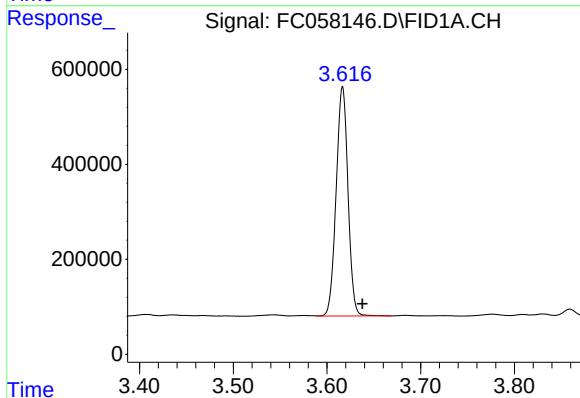
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.021 min
Response: 3240343
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :

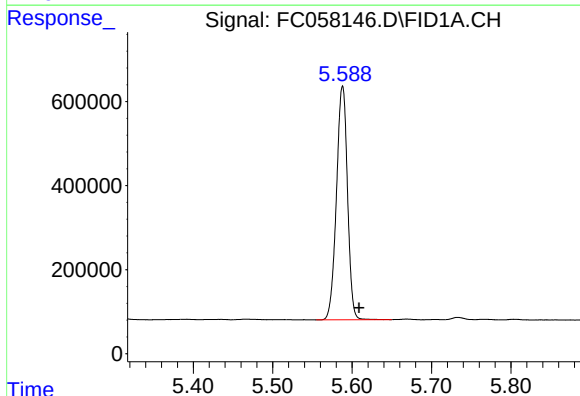
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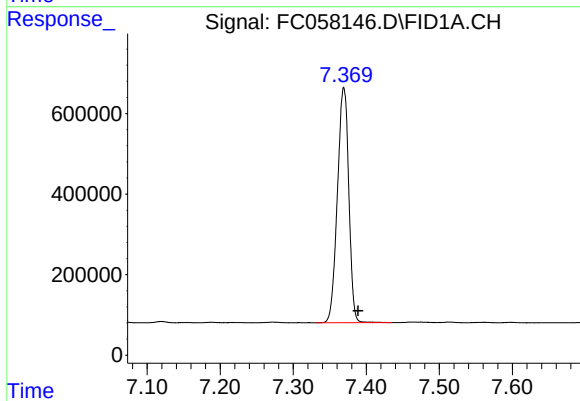
#2 n-Decane (C10)

R.T.: 3.617 min
Delta R.T.: -0.021 min
Response: 4243623
Conc: 26.40 ug/ml



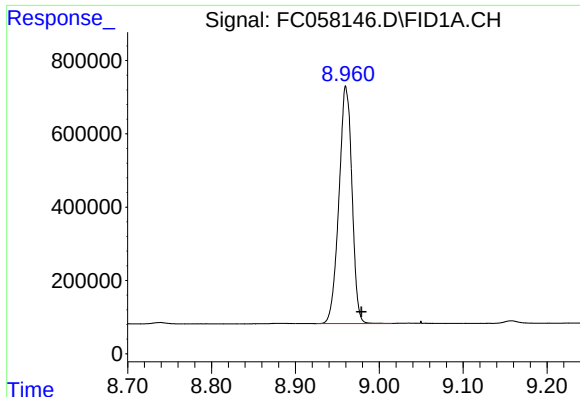
#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.021 min
Response: 5368704
Conc: 33.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.020 min
Response: 6324377
Conc: 38.31 ug/ml



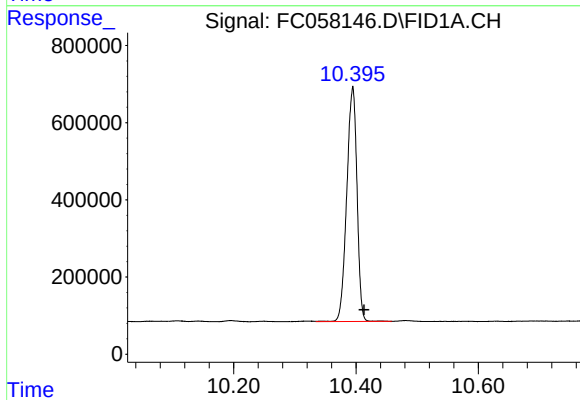
#7 n-Hexadecane (C16)

R.T.: 8.961 min
Delta R.T.: -0.018 min
Response: 6997860
Conc: 41.89 ug/ml

Instrument :
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ClientSampleId :

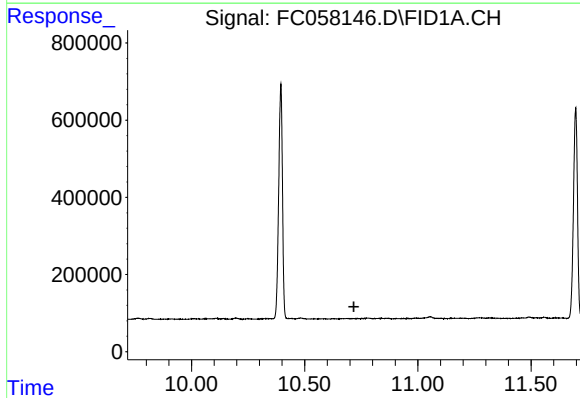
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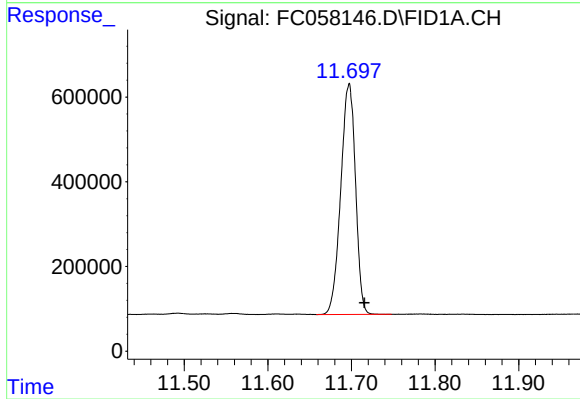
#8 n-Octadecane (C18)

R.T.: 10.394 min
Delta R.T.: -0.019 min
Response: 7070043
Conc: 41.08 ug/ml



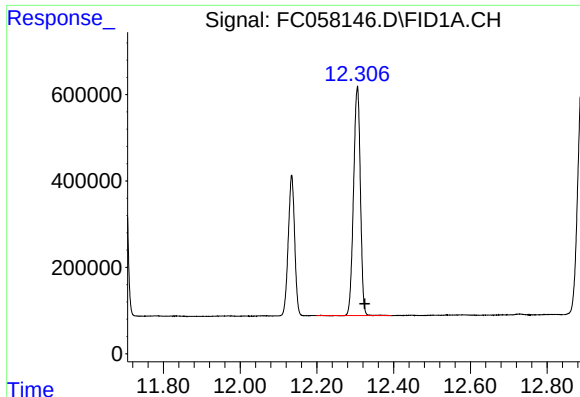
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.717 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.697 min
Delta R.T.: -0.018 min
Response: 6680060
Conc: 39.02 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.305 min
Delta R.T.: -0.019 min
Response: 6550069
Conc: 37.88 ug/ml

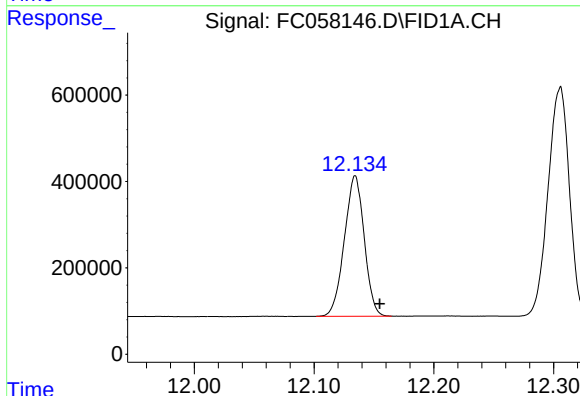
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FID_C

ClientSampleId :

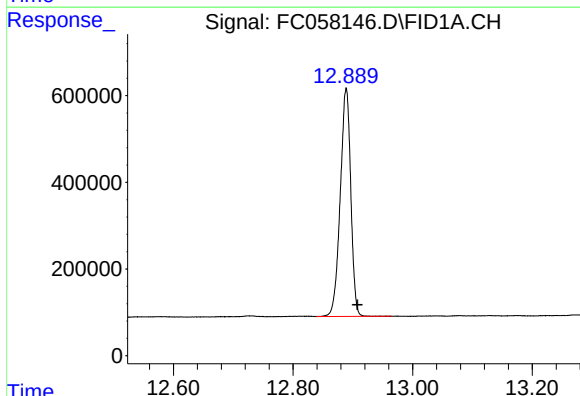
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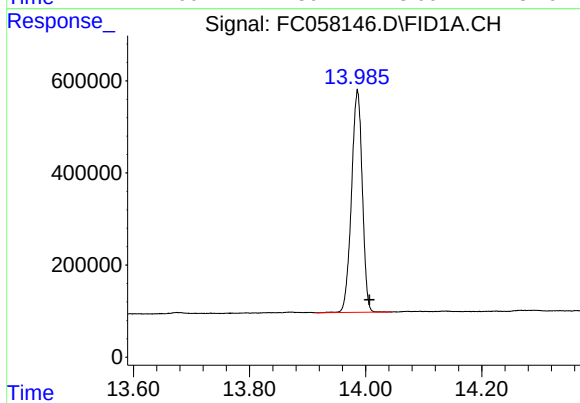
#12 1-chlorooctadecane (SURR)

R.T.: 12.134 min
Delta R.T.: -0.021 min
Response: 3760713
Conc: 25.52 ug/ml m



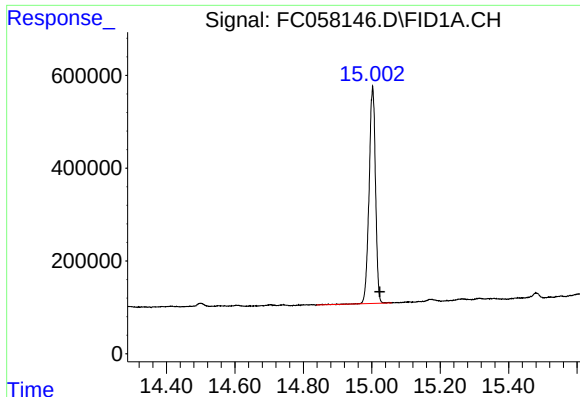
#13 n-Docosane (C22)

R.T.: 12.889 min
Delta R.T.: -0.019 min
Response: 6433354
Conc: 37.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.986 min
Delta R.T.: -0.021 min
Response: 6229103
Conc: 35.98 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.002 min
Delta R.T.: -0.021 min
Response: 6086352
Conc: 36.17 ug/ml

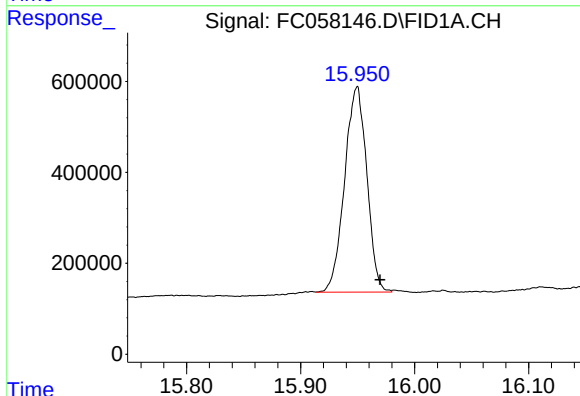
Instrument :

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ClientSampleId :

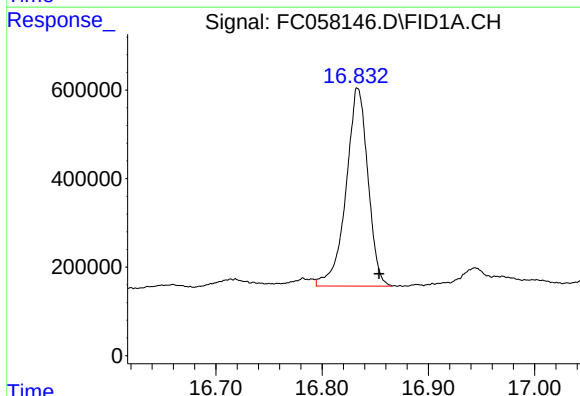
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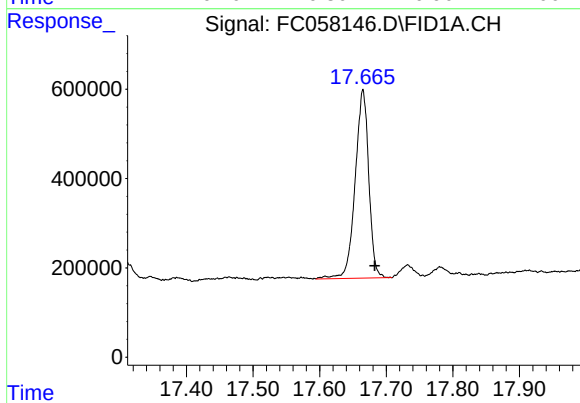
#16 n-Octacosane (C28)

R.T.: 15.950 min
Delta R.T.: -0.020 min
Response: 6115292
Conc: 37.37 ug/ml m



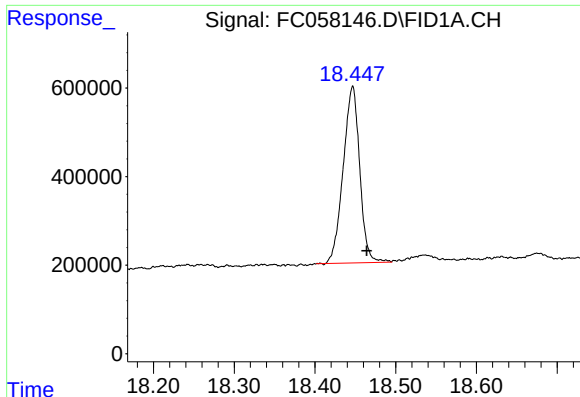
#17 n-Tricontane (C30)

R.T.: 16.832 min
Delta R.T.: -0.021 min
Response: 6390203
Conc: 40.93 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.018 min
Response: 5982770
Conc: 42.91 ug/ml



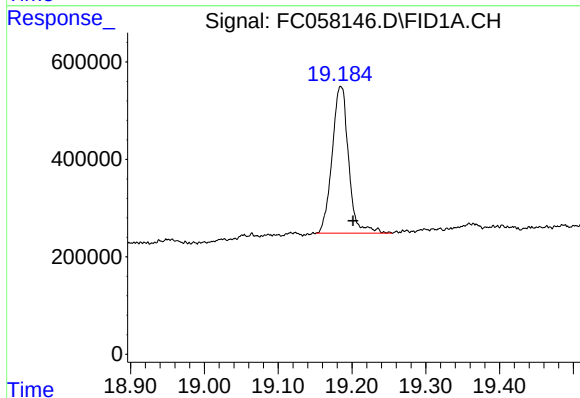
#19 n-Tetratriacontane (C34)

R.T.: 18.446 min
Delta R.T.: -0.018 min
Response: 5670132
Conc: 45.62 ug/ml

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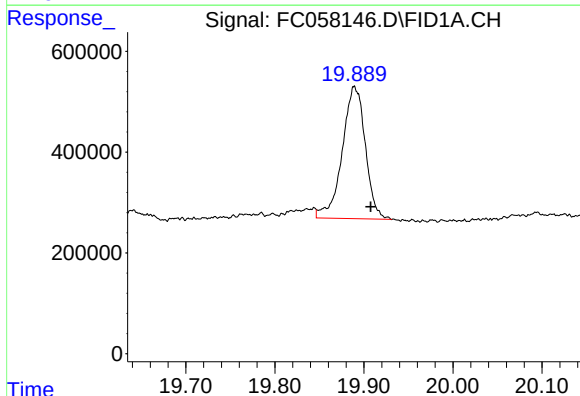
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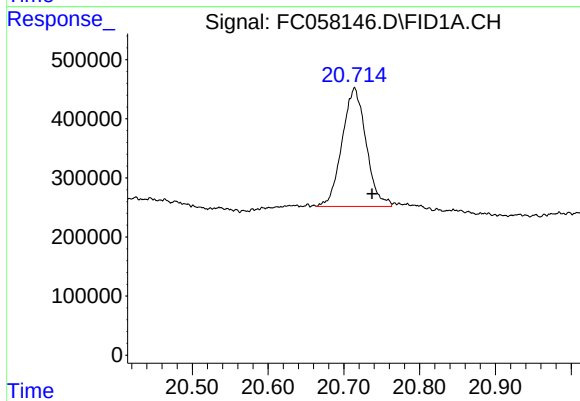
#20 n-Hexatriacontane (C36)

R.T.: 19.185 min
Delta R.T.: -0.017 min
Response: 4666482
Conc: 41.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.889 min
Delta R.T.: -0.018 min
Response: 4727617
Conc: 45.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.714 min
Delta R.T.: -0.023 min
Response: 4409000
Conc: 46.05 ug/ml m