

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058141.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 1:05
 Operator : AJ\MA
 Sample : PB142297BS
 Misc :
 ALS Vial : 22 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 02:37:02 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...	12.133	4869279	33.037 ug/ml
Spiked Amount 50.000		Recovery =	66.07%
Target Compounds			
1) T n-Nonane (C9)	2.627	4433067	27.722 ug/ml
2) T n-Decane (C10)	3.616	5480911	34.100 ug/ml
4) T n-Dodecane (C12)	5.587	6192956	38.399 ug/ml
6) T n-Tetradecane (C14)	7.368	6542668	39.630 ug/ml
7) T n-Hexadecane (C16)	8.959	7119358	42.621 ug/ml
8) T n-Octadecane (C18)	10.392	7463761	43.372 ug/ml
10) T n-Eicosane (C20)	11.695	7266273	42.445 ug/ml
11) T n-Heneicosane (C21)	12.304	7144551	41.316 ug/ml
13) T n-Docosane (C22)	12.887	6988784	40.396 ug/ml
14) T n-Tetracosane (C24)	13.985	6795447	39.255 ug/ml
15) T n-Hexacosane (C26)	15.002	6570218	39.041 ug/ml
16) T n-Octacosane (C28)	15.947	6543258	39.985 ug/ml
17) T n-Tricontane (C30)	16.832	6643897	42.555 ug/ml
18) T n-Dotriacontane (C32)	17.661	6551121	46.987 ug/ml
19) T n-Tetratriacontane (C34)	18.442	6004087	48.308 ug/ml
20) T n-Hexatriacontane (C36)	19.179	5116407	46.019 ug/mlm
21) T n-Octatriacontane (C38)	19.881	4654294	44.618 ug/mlm
22) T n-Tetracontane (C40)	20.704	4608976	48.134 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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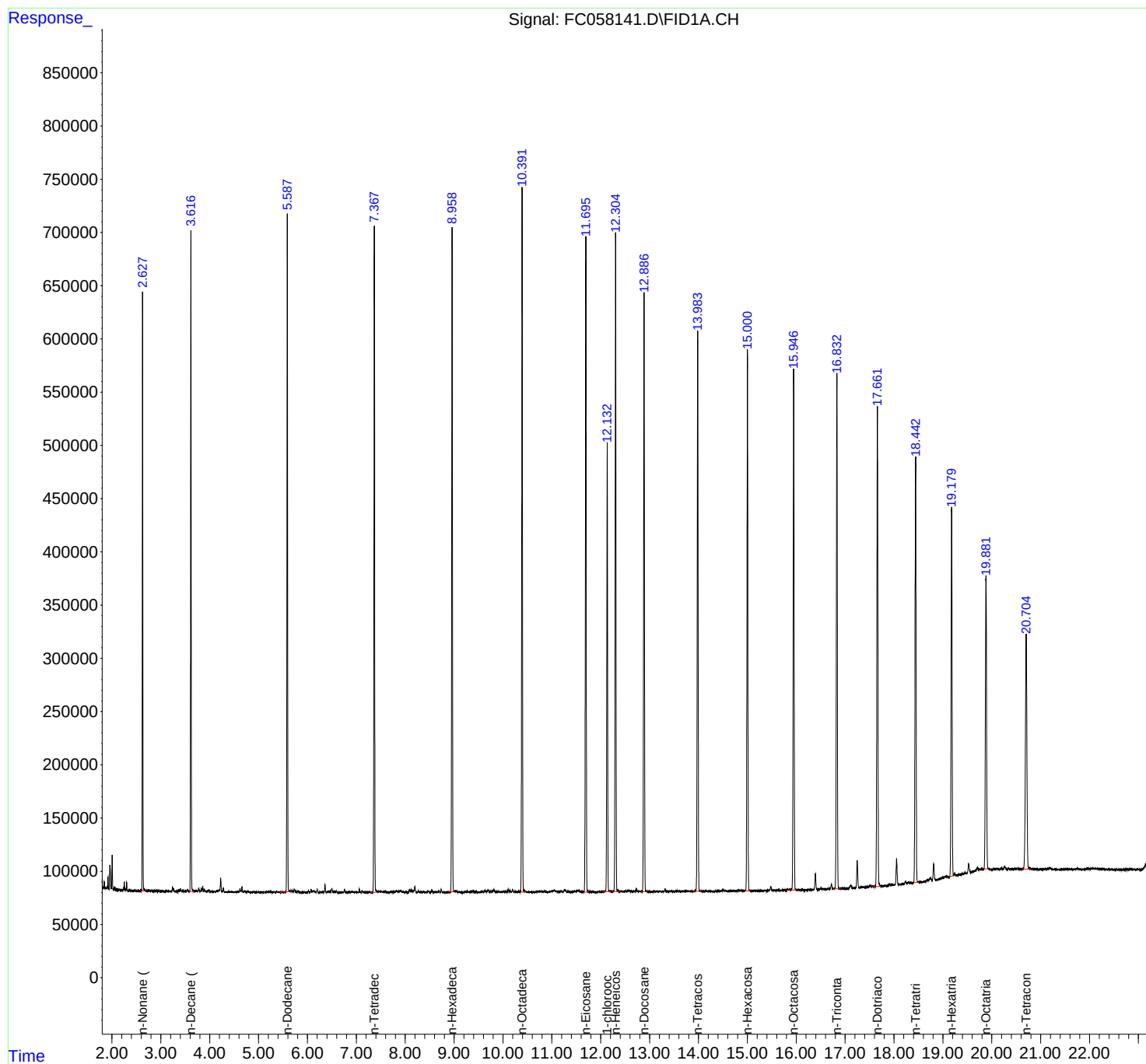
Instrument :
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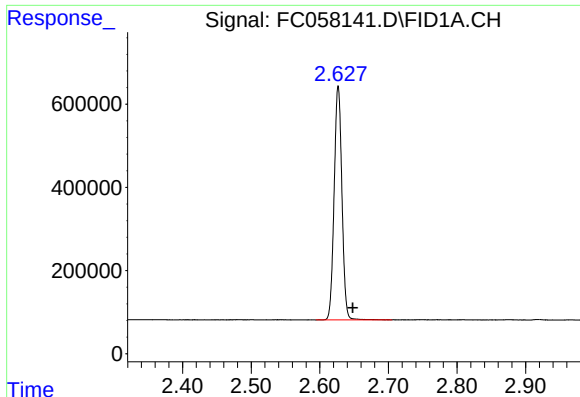
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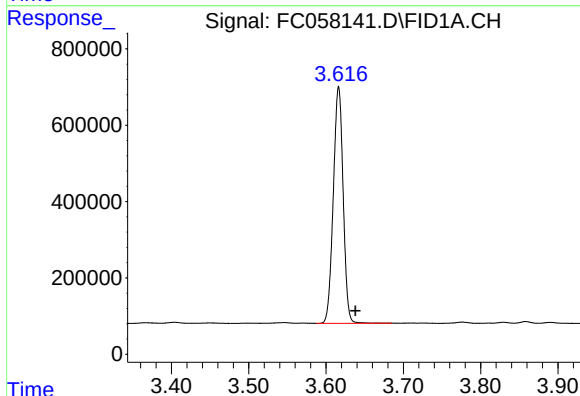
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.021 min
Response: 4433067
Conc: 27.72 ug/ml

Instrument :
FID_C
ClientSampleId :

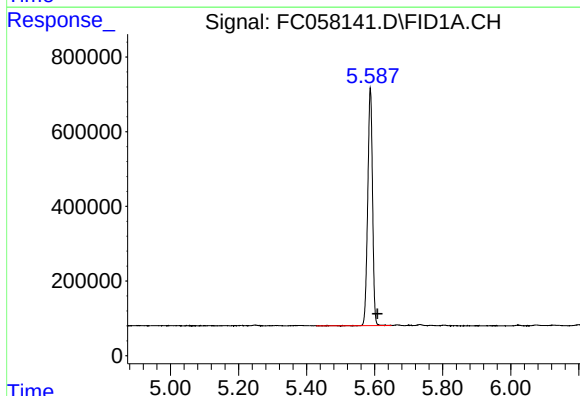
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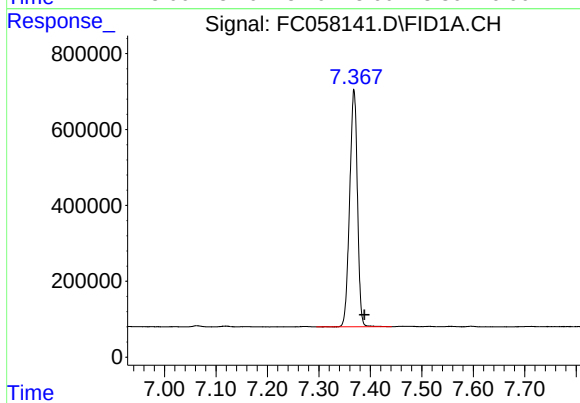
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.022 min
Response: 5480911
Conc: 34.10 ug/ml



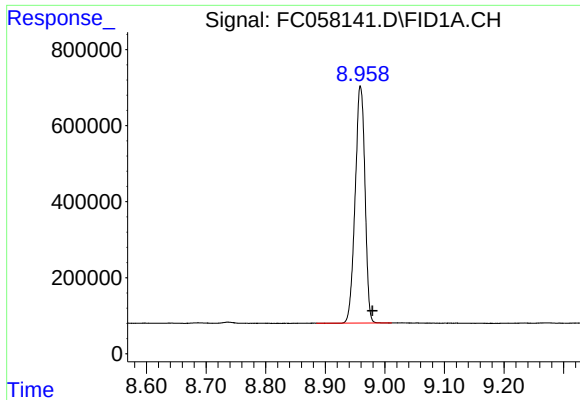
#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.021 min
Response: 6192956
Conc: 38.40 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.368 min
Delta R.T.: -0.021 min
Response: 6542668
Conc: 39.63 ug/ml



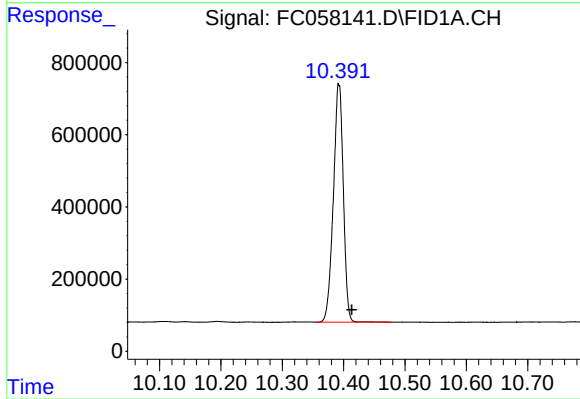
#7 n-Hexadecane (C16)

R.T.: 8.959 min
Delta R.T.: -0.020 min
Response: 7119358
Conc: 42.62 ug/ml

Instrument :
FID_C
ClientSampleId :

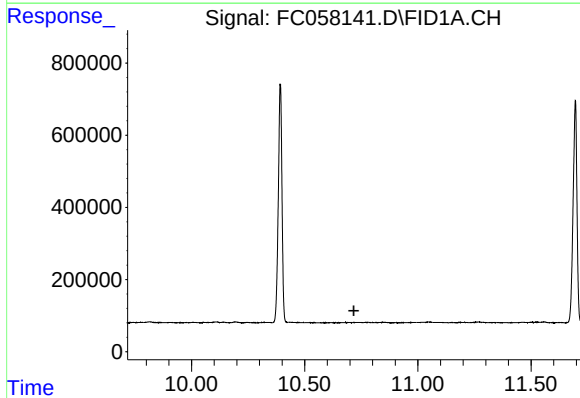
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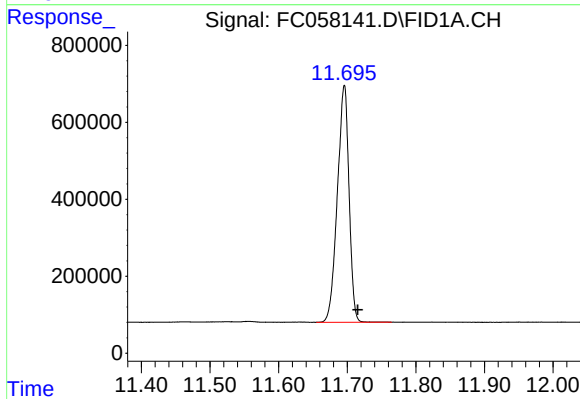
#8 n-Octadecane (C18)

R.T.: 10.392 min
Delta R.T.: -0.021 min
Response: 7463761
Conc: 43.37 ug/ml



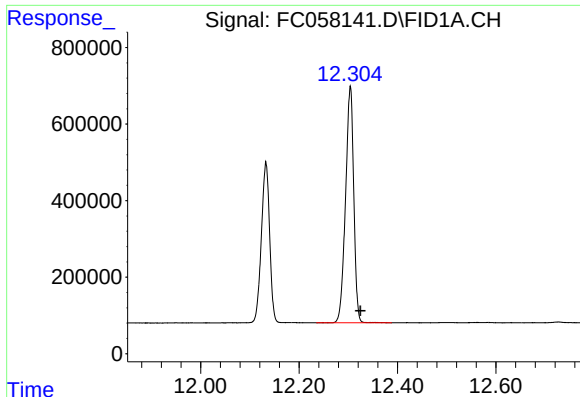
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: -0.020 min
Response: 7266273
Conc: 42.44 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.021 min
Response: 7144551
Conc: 41.32 ug/ml

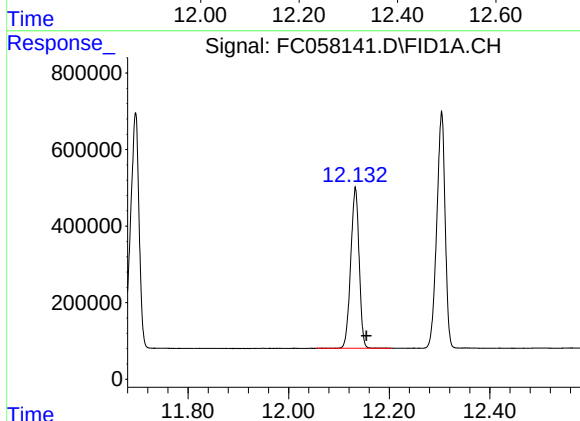
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FID_C

ClientSampleId :

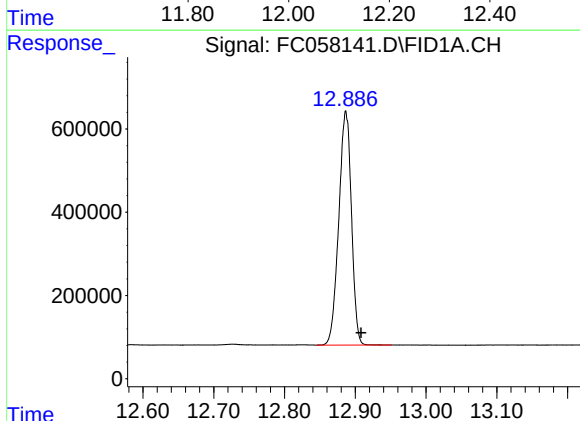
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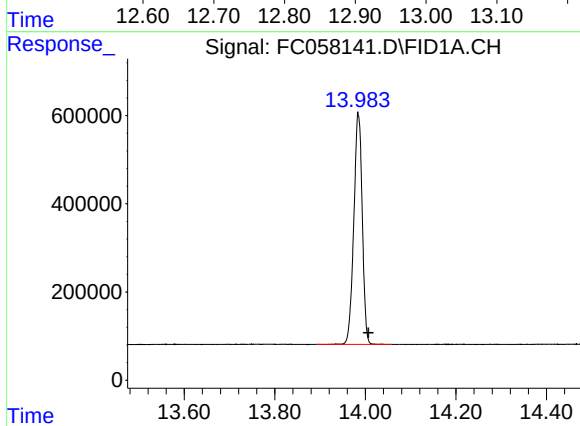
#12 1-chlorooctadecane (SURR)

R.T.: 12.133 min
Delta R.T.: -0.022 min
Response: 4869279
Conc: 33.04 ug/ml



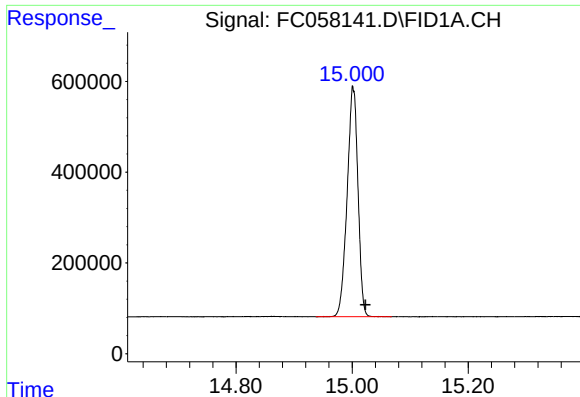
#13 n-Docosane (C22)

R.T.: 12.887 min
Delta R.T.: -0.021 min
Response: 6988784
Conc: 40.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.985 min
Delta R.T.: -0.022 min
Response: 6795447
Conc: 39.26 ug/ml



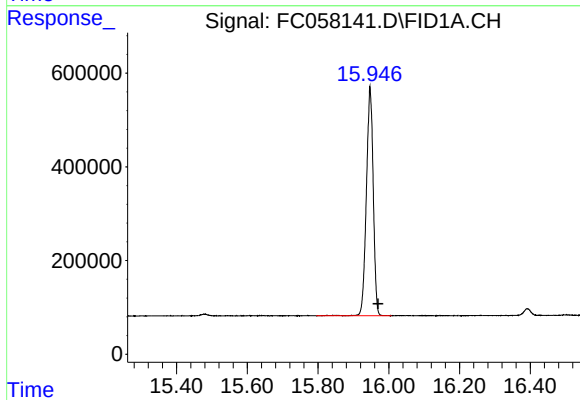
#15 n-Hexacosane (C26)

R.T.: 15.002 min
Delta R.T.: -0.021 min
Response: 6570218
Conc: 39.04 ug/ml

Instrument :
FID_C
ClientSampleId :

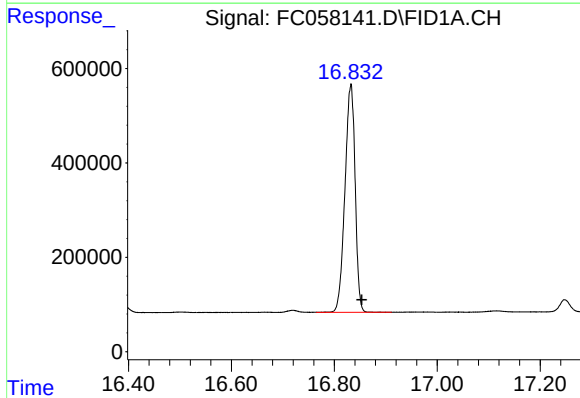
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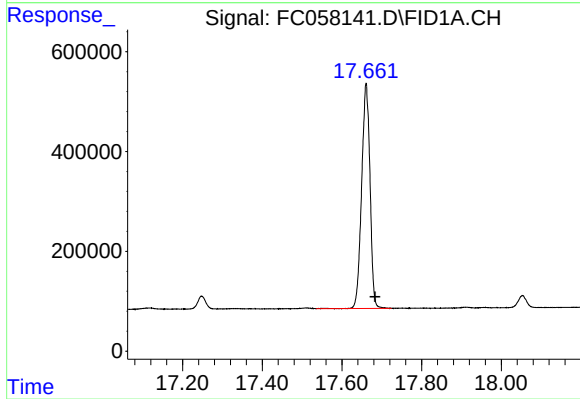
#16 n-Octacosane (C28)

R.T.: 15.947 min
Delta R.T.: -0.022 min
Response: 6543258
Conc: 39.98 ug/ml



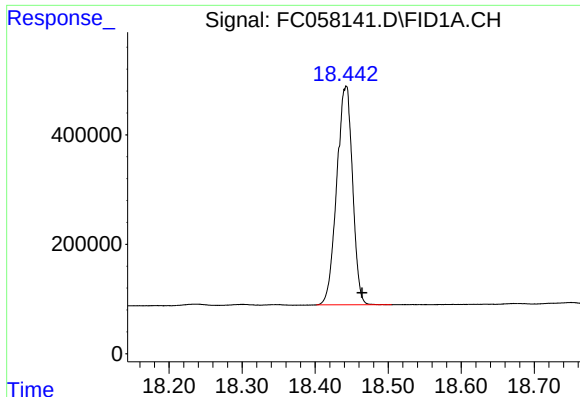
#17 n-Tricontane (C30)

R.T.: 16.832 min
Delta R.T.: -0.022 min
Response: 6643897
Conc: 42.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.661 min
Delta R.T.: -0.022 min
Response: 6551121
Conc: 46.99 ug/ml



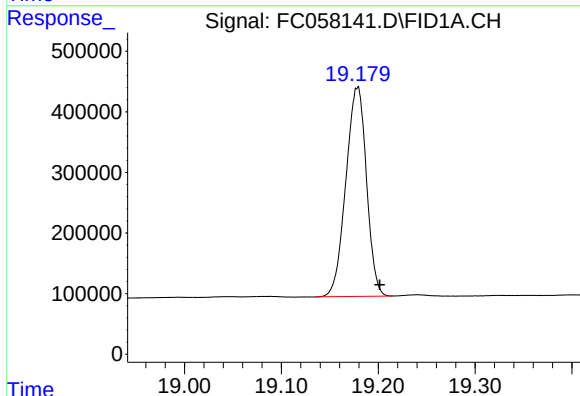
#19 n-Tetratriacontane (C34)

R.T.: 18.442 min
Delta R.T.: -0.023 min
Response: 6004087
Conc: 48.31 ug/ml

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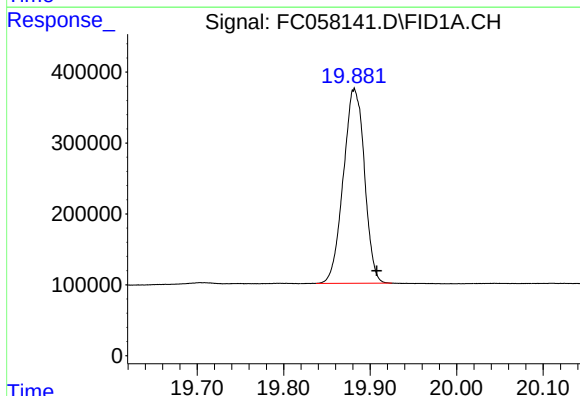
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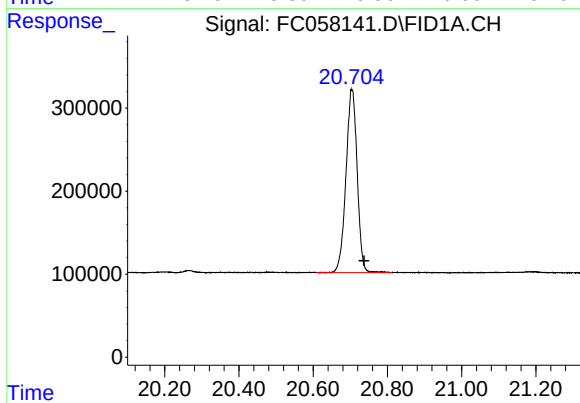
#20 n-Hexatriacontane (C36)

R.T.: 19.179 min
Delta R.T.: -0.022 min
Response: 5116407
Conc: 46.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.881 min
Delta R.T.: -0.026 min
Response: 4654294
Conc: 44.62 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.704 min
Delta R.T.: -0.033 min
Response: 4608976
Conc: 48.13 ug/ml