

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058145.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 3:16
 Operator : AJ\MA
 Sample : N1248-01MS
 Misc :
 ALS Vial : 26 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 06:06:30 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...	12.131	4072814	27.633 ug/mlm
Spiked Amount 50.000		Recovery =	55.27%
Target Compounds			
1) T n-Nonane (C9)	2.627	3238189	20.250 ug/ml
2) T n-Decane (C10)	3.616	4239880	26.379 ug/ml
4) T n-Dodecane (C12)	5.588	5370468	33.299 ug/ml
6) T n-Tetradecane (C14)	7.369	6361806	38.535 ug/ml
7) T n-Hexadecane (C16)	8.960	7050455	42.208 ug/ml
8) T n-Octadecane (C18)	10.393	7097168	41.242 ug/ml
10) T n-Eicosane (C20)	11.695	6738198	39.360 ug/ml
11) T n-Heneicosane (C21)	12.304	6641047	38.405 ug/ml
13) T n-Docosane (C22)	12.886	6524339	37.712 ug/ml
14) T n-Tetracosane (C24)	13.985	6263886	36.185 ug/ml
15) T n-Hexacosane (C26)	15.002	6141917	36.496 ug/ml
16) T n-Octacosane (C28)	15.948	6161631	37.653 ug/mlm
17) T n-Tricontane (C30)	16.834	6450389	41.316 ug/mlm
18) T n-Dotriacontane (C32)	17.665	6043253	43.344 ug/ml
19) T n-Tetratriacontane (C34)	18.446	5597818	45.039 ug/ml
20) T n-Hexatriacontane (C36)	19.185	4555048	40.970 ug/mlm
21) T n-Octatriacontane (C38)	19.889	4314373	41.359 ug/mlm
22) T n-Tetracontane (C40)	20.711	4332506	45.247 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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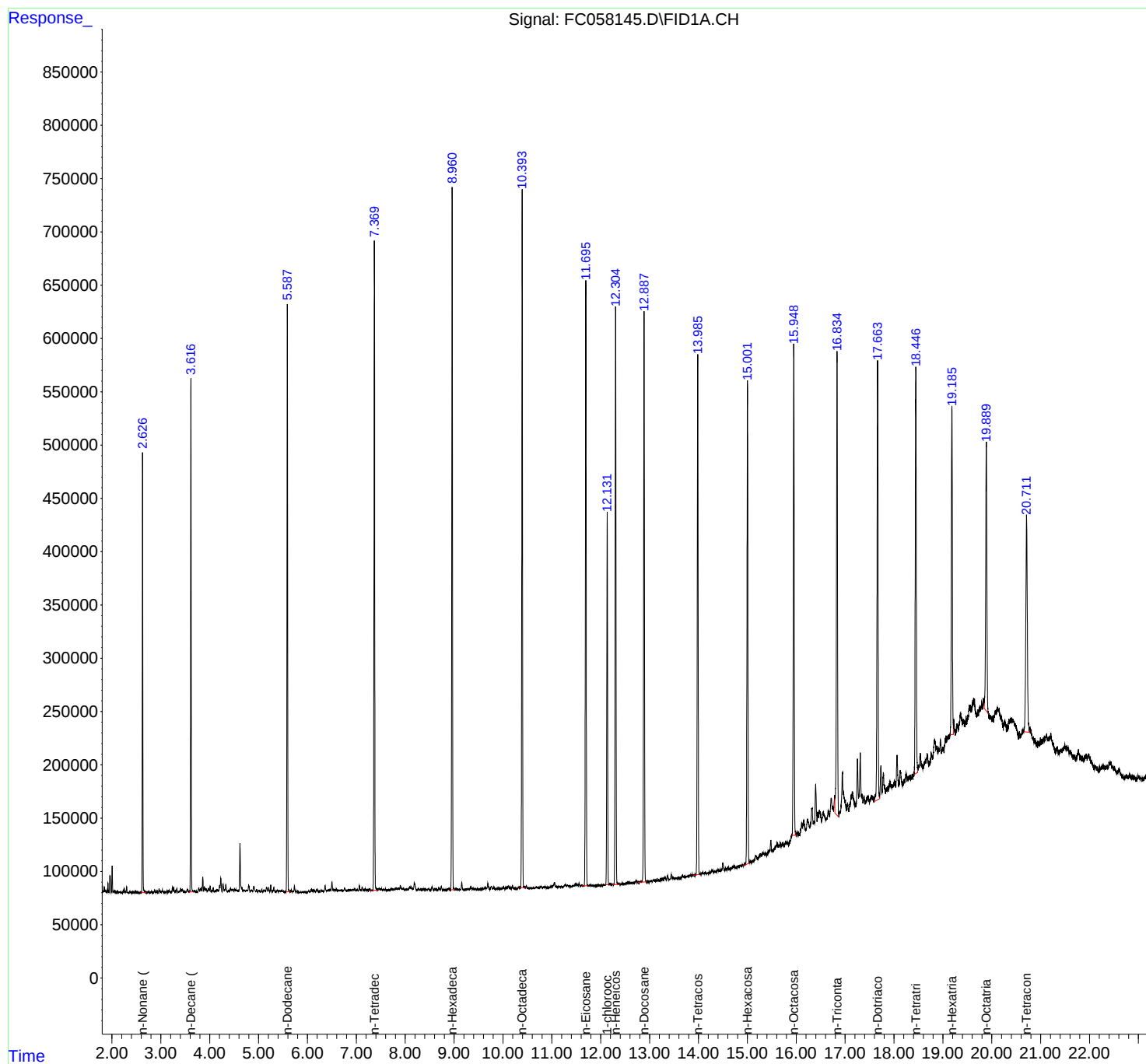
Instrument :
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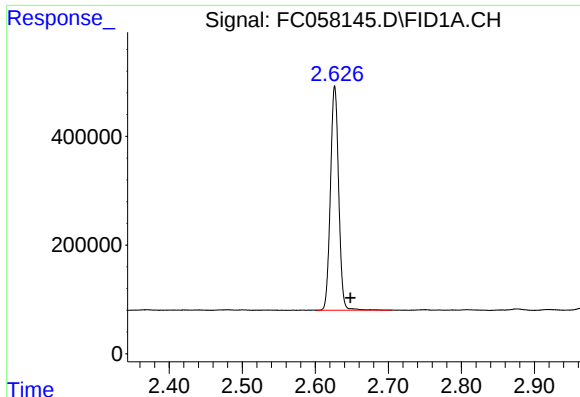
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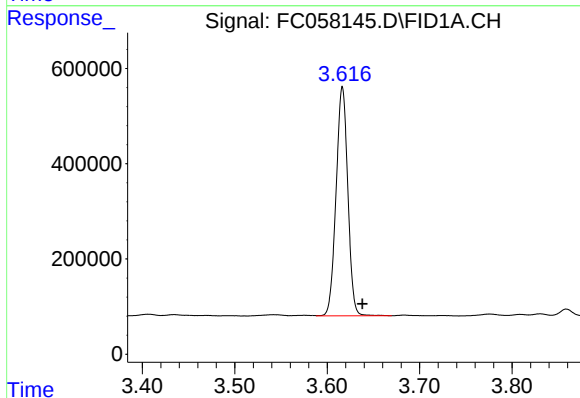
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.021 min
Response: 3238189
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :

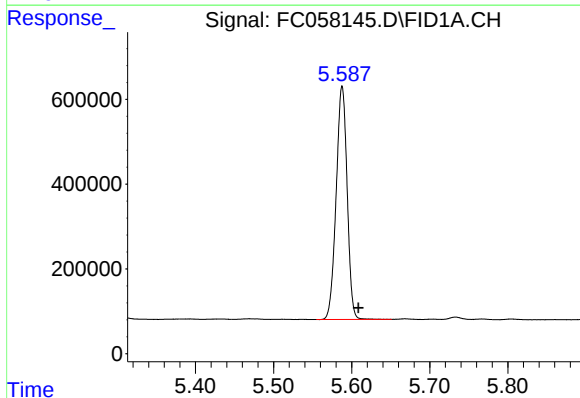
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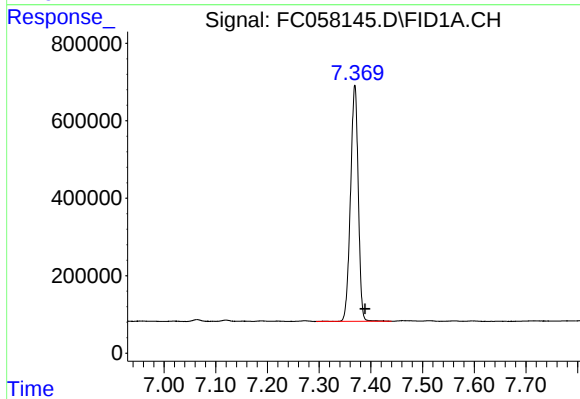
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.022 min
Response: 4239880
Conc: 26.38 ug/ml



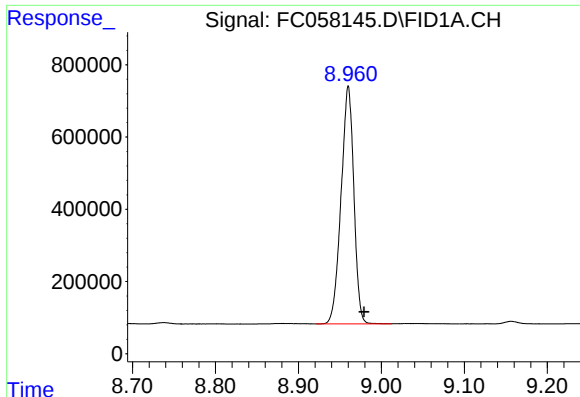
#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.021 min
Response: 5370468
Conc: 33.30 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.020 min
Response: 6361806
Conc: 38.53 ug/ml



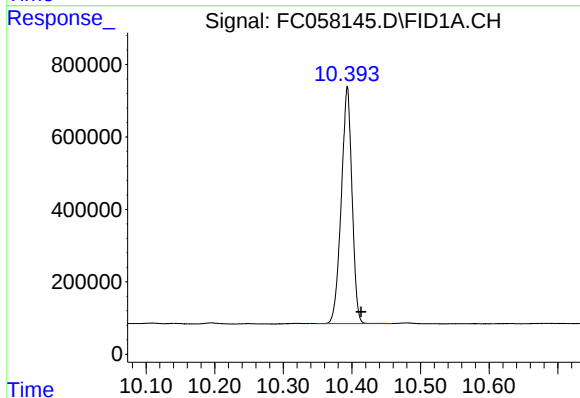
#7 n-Hexadecane (C16)

R.T.: 8.960 min
Delta R.T.: -0.019 min
Response: 7050455
Conc: 42.21 ug/ml

Instrument :
FID_C
ClientSampleId :

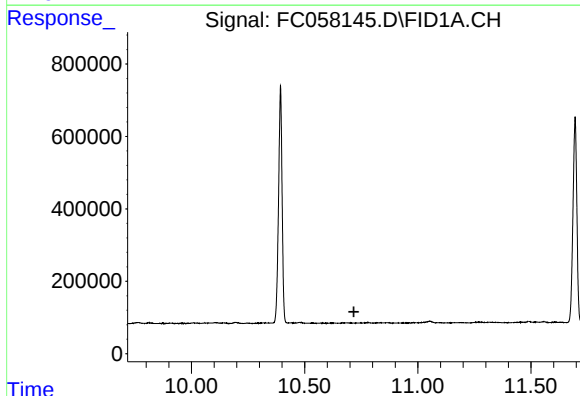
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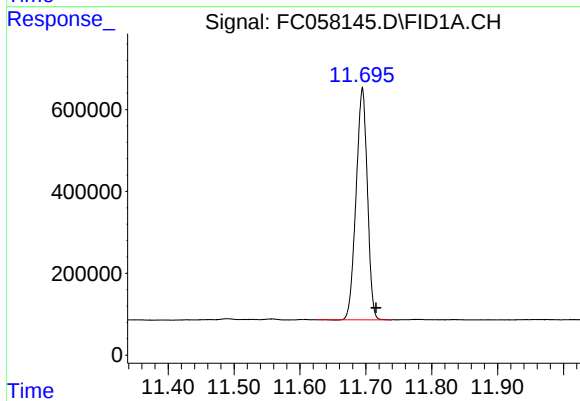
#8 n-Octadecane (C18)

R.T.: 10.393 min
Delta R.T.: -0.020 min
Response: 7097168
Conc: 41.24 ug/ml



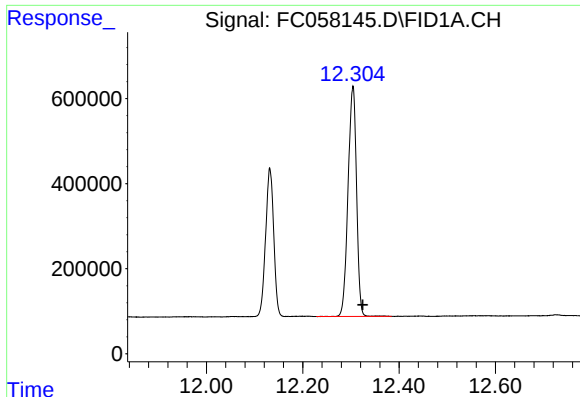
#9 ortho-Terphenyl (SURR)

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.: -0.021 min
Response: 6738198
Conc: 39.36 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.021 min
Response: 6641047
Conc: 38.40 ug/ml

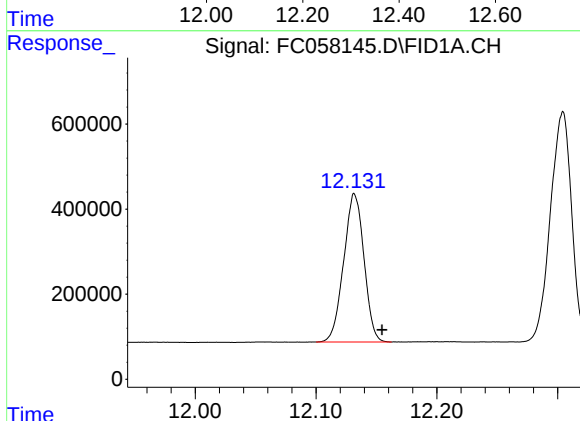
Instrument :

FID_C

ClientSampleId :

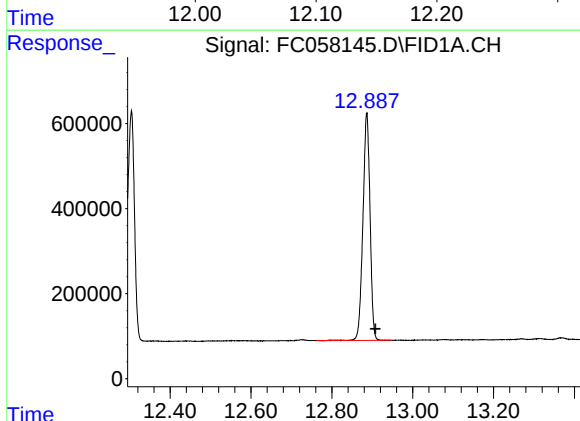
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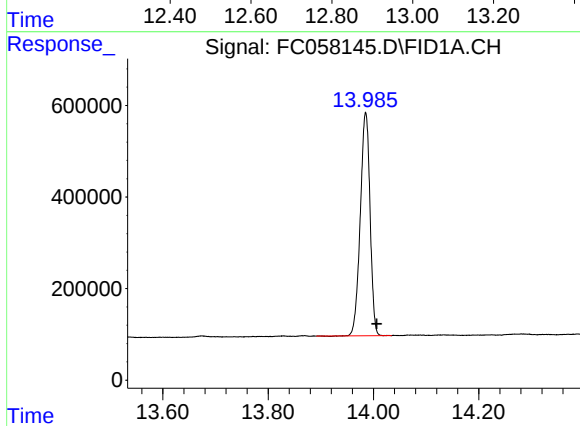
#12 1-chlorooctadecane (SURR)

R.T.: 12.131 min
Delta R.T.: -0.024 min
Response: 4072814
Conc: 27.63 ug/ml m



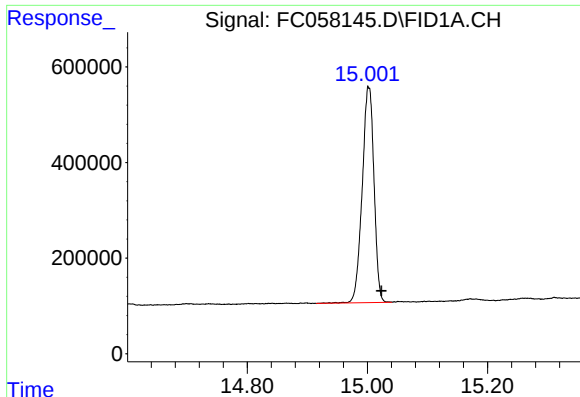
#13 n-Docosane (C22)

R.T.: 12.886 min
Delta R.T.: -0.022 min
Response: 6524339
Conc: 37.71 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.985 min
Delta R.T.: -0.021 min
Response: 6263886
Conc: 36.18 ug/ml



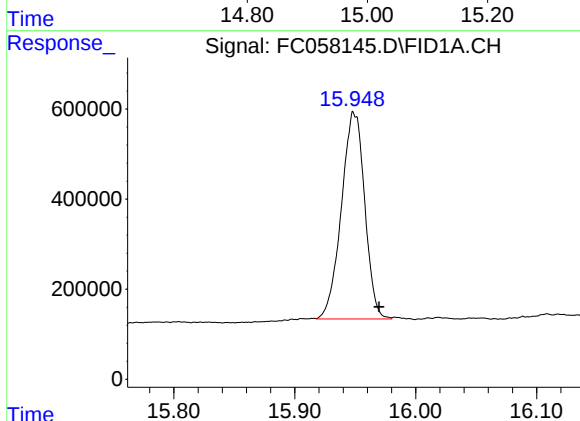
#15 n-Hexacosane (C26)

R.T.: 15.002 min
Delta R.T.: -0.021 min
Response: 6141917
Conc: 36.50 ug/ml

Instrument :
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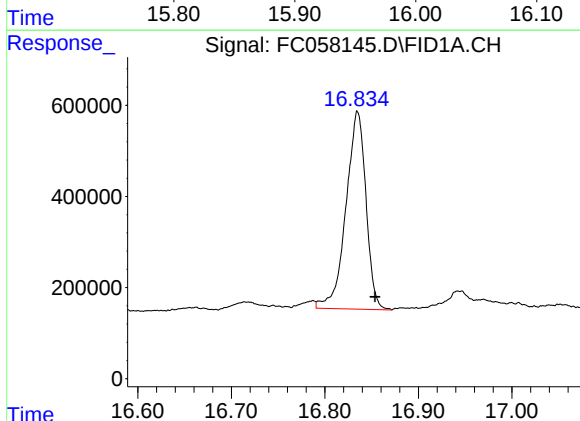
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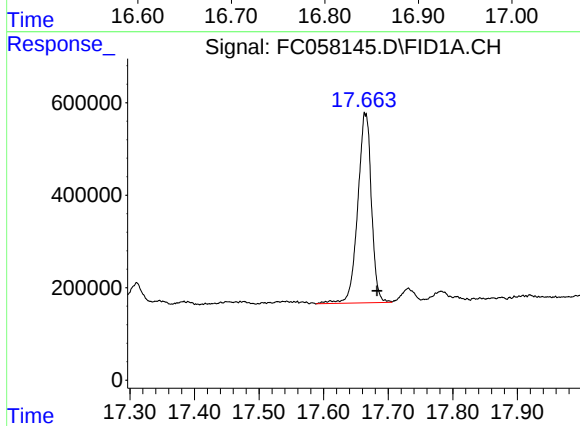
#16 n-Octacosane (C28)

R.T.: 15.948 min
Delta R.T.: -0.022 min
Response: 6161631
Conc: 37.65 ug/ml m



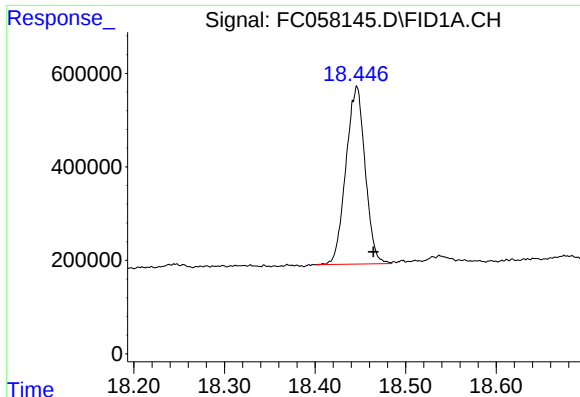
#17 n-Tricontane (C30)

R.T.: 16.834 min
Delta R.T.: -0.020 min
Response: 6450389
Conc: 41.32 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.018 min
Response: 6043253
Conc: 43.34 ug/ml



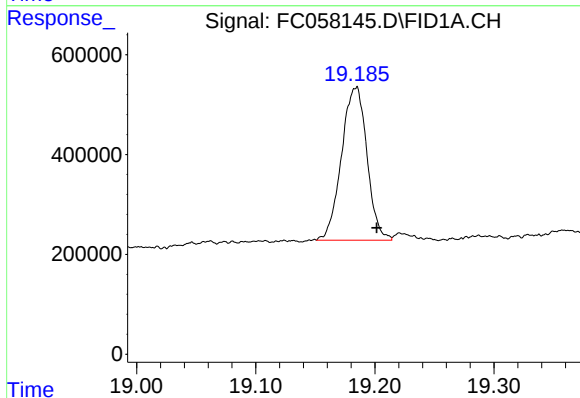
#19 n-Tetratriacontane (C34)

R.T.: 18.446 min
Delta R.T.: -0.019 min
Response: 5597818
Conc: 45.04 ug/ml

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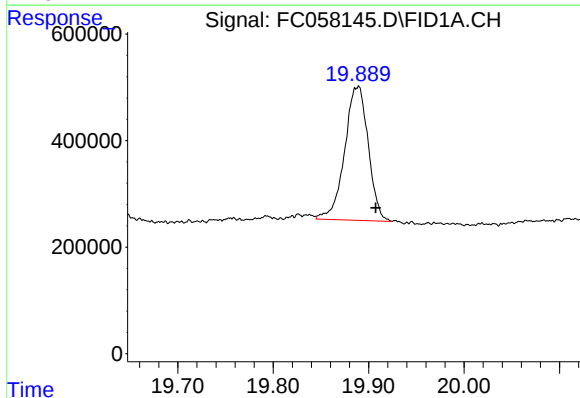
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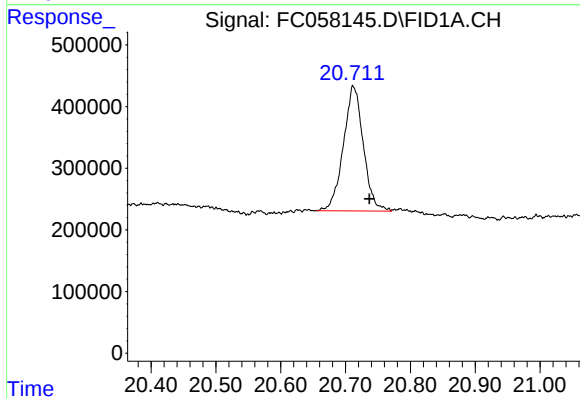
#20 n-Hexatriacontane (C36)

R.T.: 19.185 min
Delta R.T.: -0.017 min
Response: 4555048
Conc: 40.97 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.889 min
Delta R.T.: -0.018 min
Response: 4314373
Conc: 41.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.711 min
Delta R.T.: -0.026 min
Response: 4332506
Conc: 45.25 ug/ml m