

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020422AL\
 Data File : FC058256.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2022 14:11
 Operator : AJ\MA
 Sample : N1378-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ASTORIA-YARD-PIT-11-STOCKPILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2022
 Supervised By :Ankita Jodhani 02/07/2022

Integration File: autoint1.e
 Quant Time: Feb 04 23:52:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 22:37:19 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...	12.127	4815754	32.405 ug/ml
Spiked Amount 50.000		Recovery =	64.81%
Target Compounds			
1) T n-Nonane (C9)	2.624	3244679	19.660 ug/ml
2) T n-Decane (C10)	3.612	3978819	23.743 ug/ml
4) T n-Dodecane (C12)	5.582	5018537	29.767 ug/ml
6) T n-Tetradecane (C14)	7.362	5824254	33.953 ug/ml
7) T n-Hexadecane (C16)	8.953	6265954	36.137 ug/ml
8) T n-Octadecane (C18)	10.387	6664415	37.628 ug/ml
10) T n-Eicosane (C20)	11.690	6655421	38.236 ug/ml
11) T n-Heneicosane (C21)	12.298	6551474	37.620 ug/mlm
13) T n-Docosane (C22)	12.882	6523499	38.084 ug/ml
14) T n-Tetracosane (C24)	13.980	6450785	38.325 ug/ml
15) T n-Hexacosane (C26)	14.996	6280204	38.948 ug/ml
16) T n-Octacosane (C28)	15.941	6076236	38.386 ug/ml
17) T n-Tricontane (C30)	16.825	5871556	37.912 ug/ml
18) T n-Dotriacontane (C32)	17.655	5627741	37.122 ug/ml
19) T n-Tetratriacontane (C34)	18.435	5124688	37.148 ug/ml
20) T n-Hexatriacontane (C36)	19.172	4398323	34.970 ug/ml
21) T n-Octatriacontane (C38)	19.876	3675441	30.800 ug/ml
22) T n-Tetracontane (C40)	20.694	3277855	28.015 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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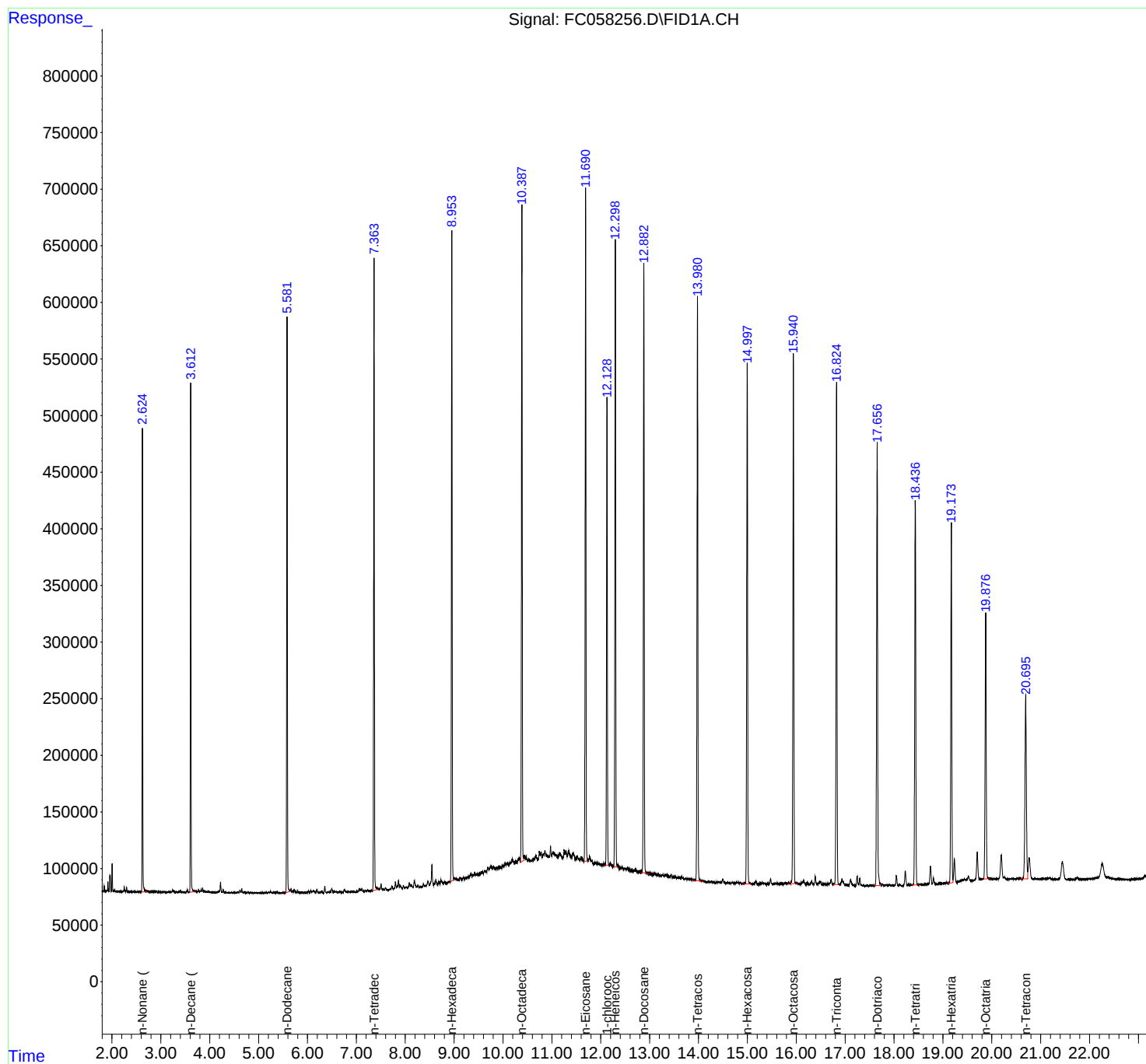
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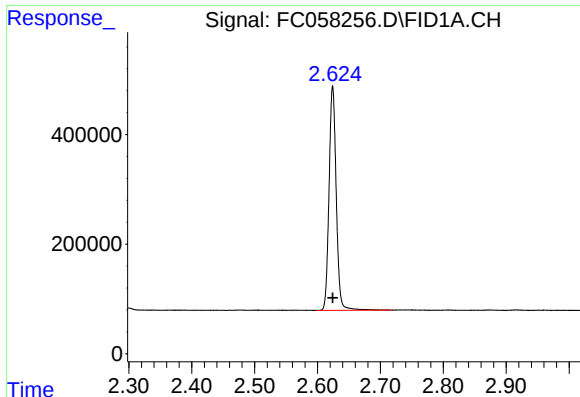
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#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 3244679
Conc: 19.66 ug/ml

Instrument :

FID_C

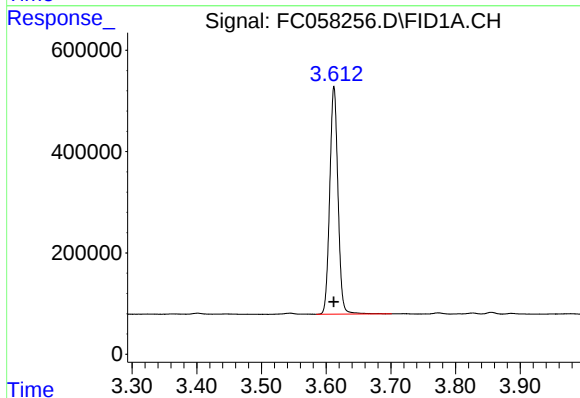
ClientSampleId :

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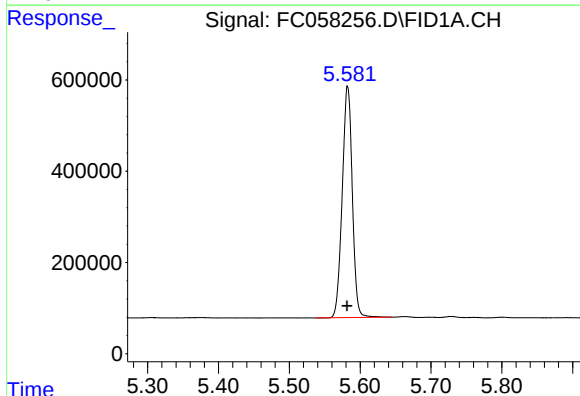
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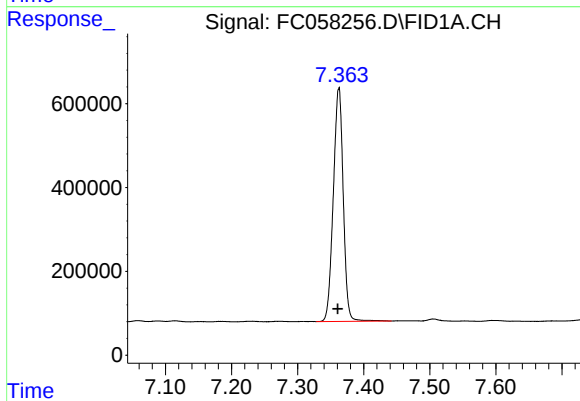
#2 n-Decane (C10)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 3978819
Conc: 23.74 ug/ml



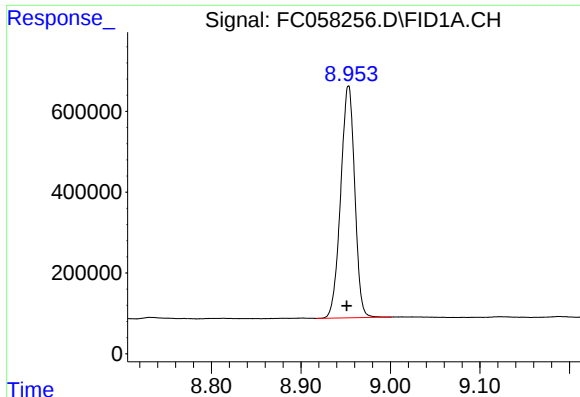
#4 n-Dodecane (C12)

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 5018537
Conc: 29.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.362 min
Delta R.T.: 0.001 min
Response: 5824254
Conc: 33.95 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.953 min
Delta R.T.: 0.002 min
Response: 6265954
Conc: 36.14 ug/ml

Instrument :

FID_C

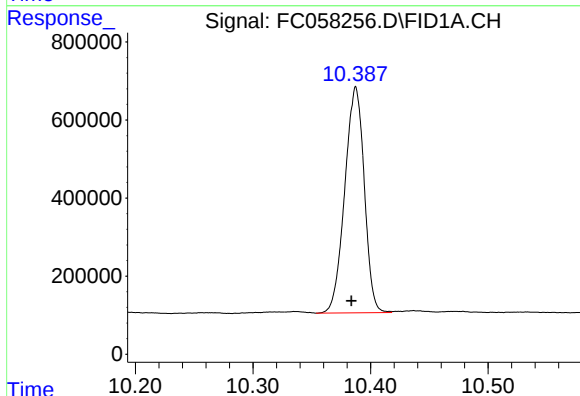
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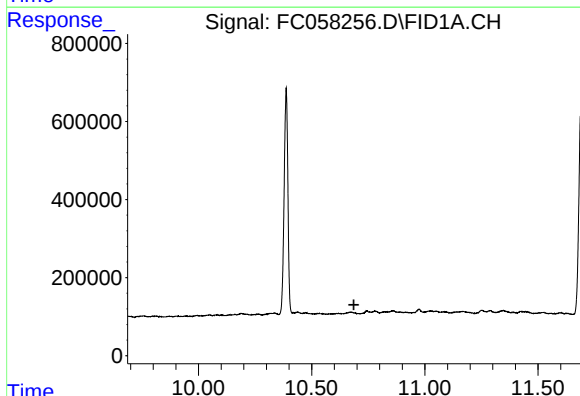
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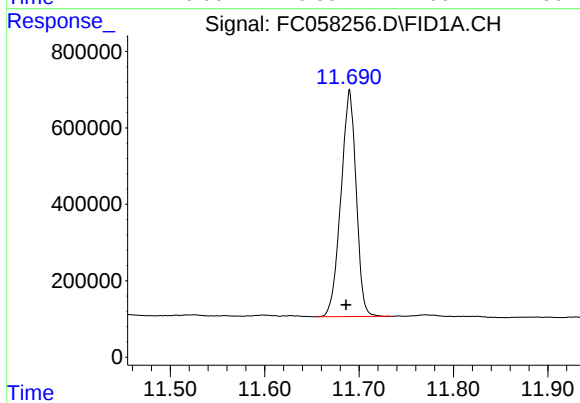
#8 n-Octadecane (C18)

R.T.: 10.387 min
Delta R.T.: 0.003 min
Response: 6664415
Conc: 37.63 ug/ml



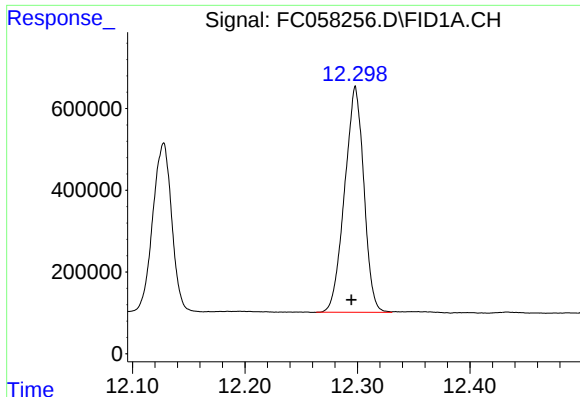
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.687 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.690 min
Delta R.T.: 0.004 min
Response: 6655421
Conc: 38.24 ug/ml



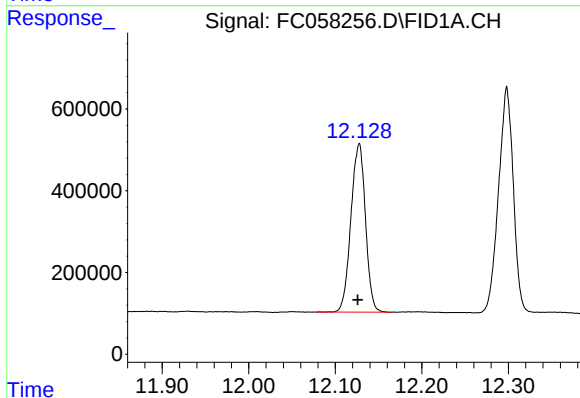
#11 n-Heneicosane (C21)

R.T.: 12.298 min
Delta R.T.: 0.003 min
Response: 6551474
Conc: 37.62 ug/ml

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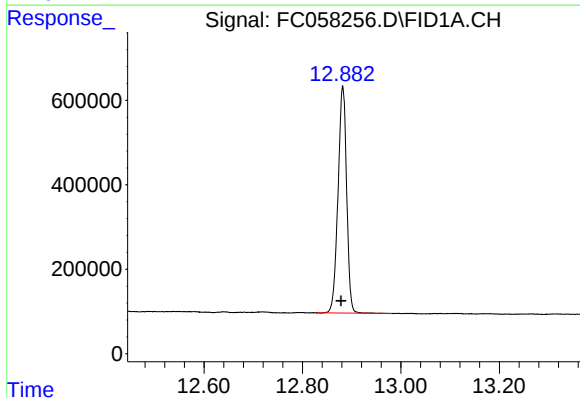
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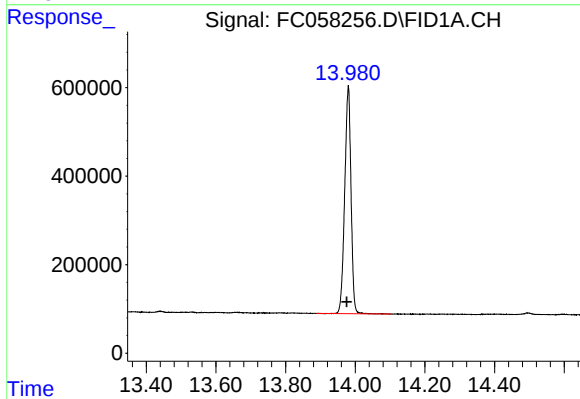
#12 1-chlorooctadecane (SURR)

R.T.: 12.127 min
Delta R.T.: 0.001 min
Response: 4815754
Conc: 32.40 ug/ml



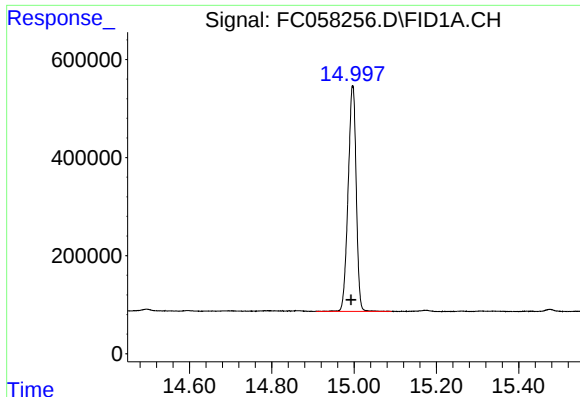
#13 n-Docosane (C22)

R.T.: 12.882 min
Delta R.T.: 0.003 min
Response: 6523499
Conc: 38.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.980 min
Delta R.T.: 0.004 min
Response: 6450785
Conc: 38.32 ug/ml



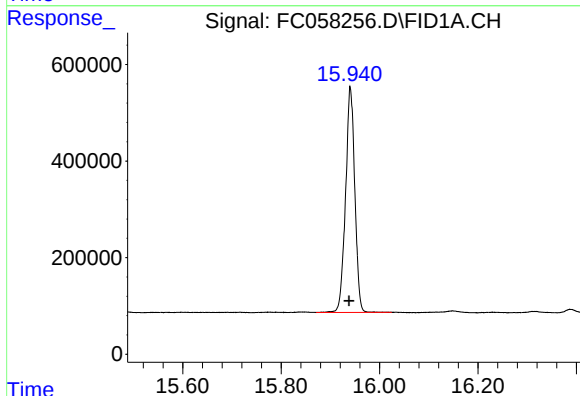
#15 n-Hexacosane (C26)

R.T.: 14.996 min
Delta R.T.: 0.004 min
Response: 6280204
Conc: 38.95 ug/ml

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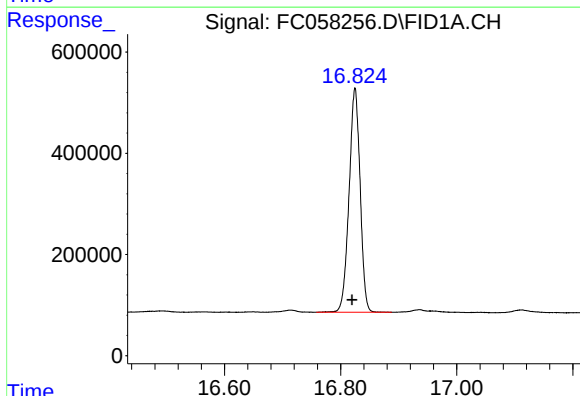
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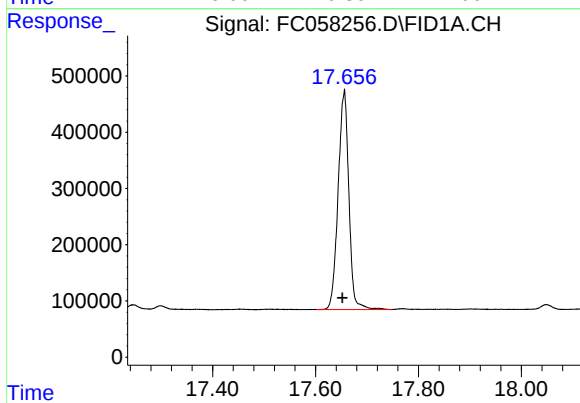
#16 n-Octacosane (C28)

R.T.: 15.941 min
Delta R.T.: 0.003 min
Response: 6076236
Conc: 38.39 ug/ml



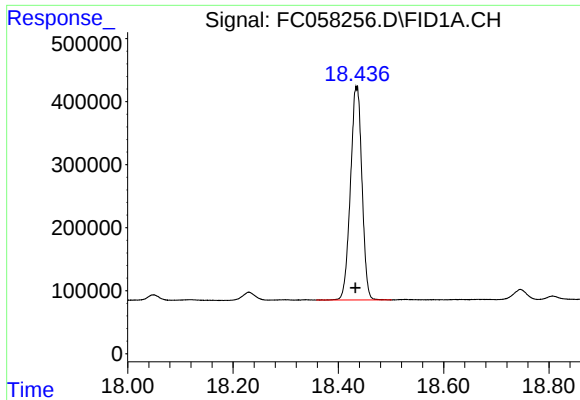
#17 n-Tricontane (C30)

R.T.: 16.825 min
Delta R.T.: 0.005 min
Response: 5871556
Conc: 37.91 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.655 min
Delta R.T.: 0.003 min
Response: 5627741
Conc: 37.12 ug/ml



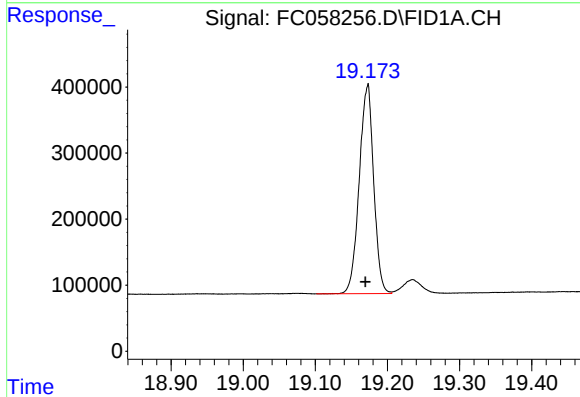
#19 n-Tetratriacontane (C34)

R.T.: 18.435 min
Delta R.T.: 0.002 min
Response: 5124688
Conc: 37.15 ug/ml

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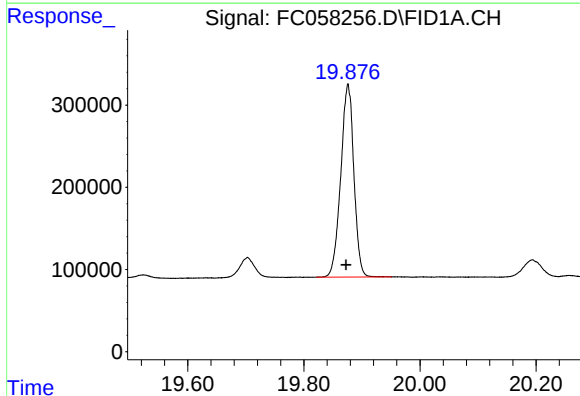
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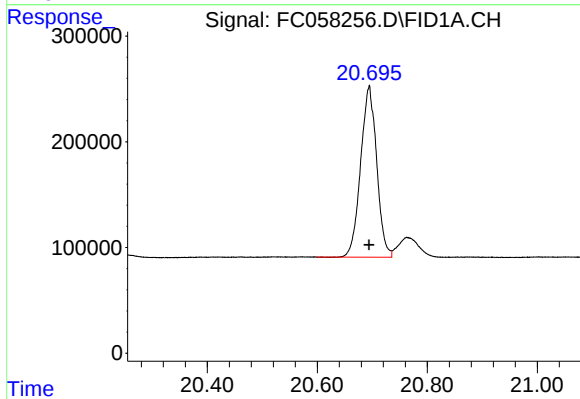
#20 n-Hexatriacontane (C36)

R.T.: 19.172 min
Delta R.T.: 0.002 min
Response: 4398323
Conc: 34.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.876 min
Delta R.T.: 0.003 min
Response: 3675441
Conc: 30.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.694 min
Delta R.T.: 0.000 min
Response: 3277855
Conc: 28.02 ug/ml