

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020422AL\
 Data File : FC058260.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2022 16:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 23:54:04 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			
9) S ortho-Terphenyl (SURR)	10.688	4208174	21.373 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
12) S 1-chlorooctadecane (S...	12.126	3194747	21.497 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
Target Compounds			
1) T n-Nonane (C9)	2.624	3474602	21.053 ug/ml
2) T n-Decane (C10)	3.612	3527788	21.052 ug/ml
3) T A~Naphthalene (C11.7)	5.148	3911501	21.217 ug/ml
4) T n-Dodecane (C12)	5.581	3563305	21.136 ug/ml
5) T A~2-methylnaphthalene...	6.188	3934962	21.277 ug/ml
6) T n-Tetradecane (C14)	7.361	3640981	21.225 ug/ml
7) T n-Hexadecane (C16)	8.951	3670455	21.168 ug/ml
8) T n-Octadecane (C18)	10.385	3771660	21.295 ug/ml
10) T n-Eicosane (C20)	11.687	3715043	21.343 ug/ml
11) T n-Heneicosane (C21)	12.295	3737915	21.464 ug/ml
13) T n-Docosane (C22)	12.879	3669593	21.423 ug/ml
14) T n-Tetracosane (C24)	13.976	3616080	21.484 ug/ml
15) T n-Hexacosane (C26)	14.992	3471905	21.532 ug/ml
16) T n-Octacosane (C28)	15.938	3384321	21.380 ug/ml
17) T n-Tricontane (C30)	16.823	3288263	21.232 ug/ml
18) T n-Dotriacontane (C32)	17.653	3024622	19.951 ug/ml
19) T n-Tetratriacontane (C34)	18.432	2780301	20.154 ug/mlm
20) T n-Hexatriacontane (C36)	19.170	2539564	20.191 ug/ml
21) T n-Octatriacontane (C38)	19.874	2444824	20.487 ug/ml
22) T n-Tetracontane (C40)	20.692	2422206	20.702 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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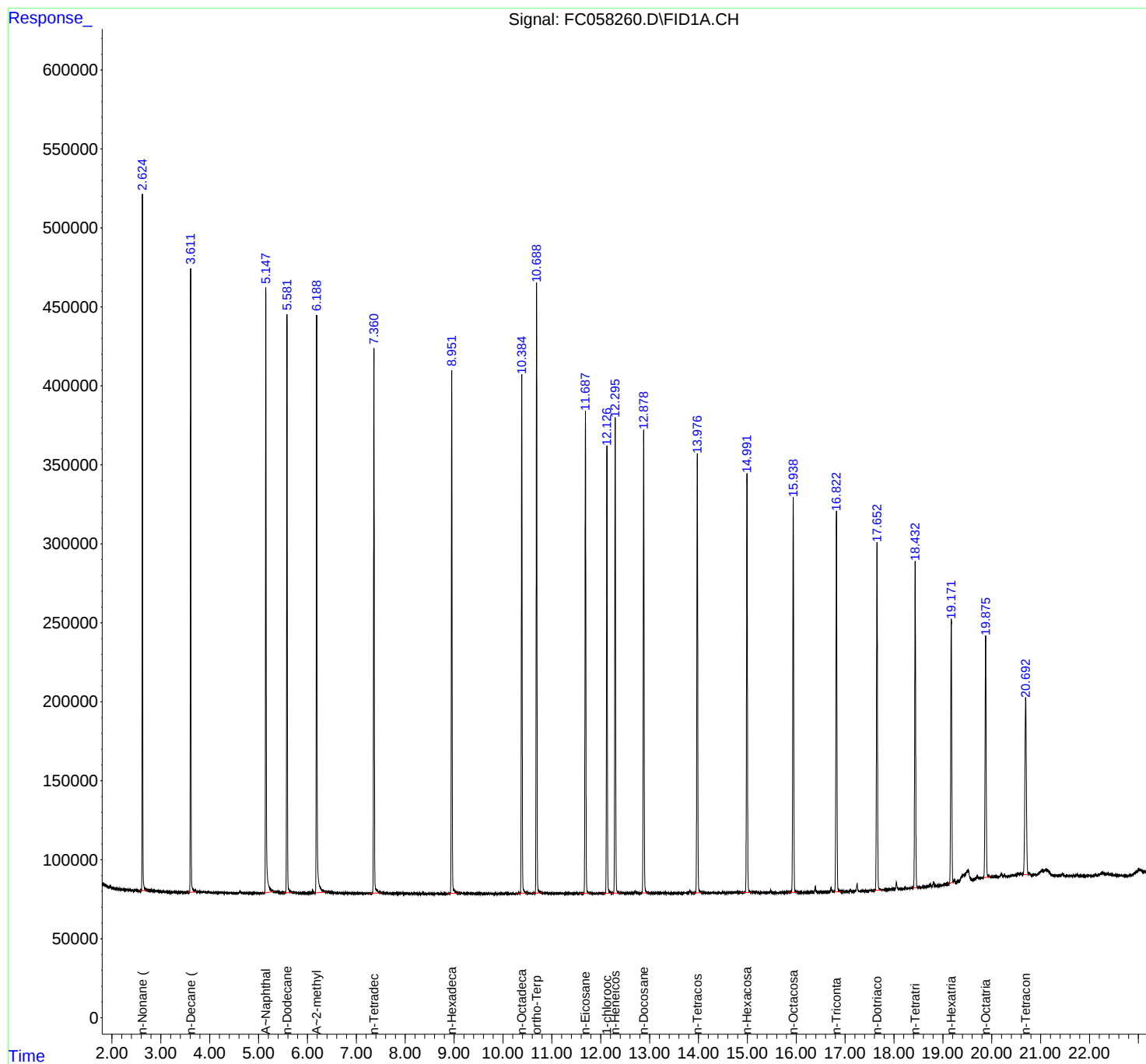
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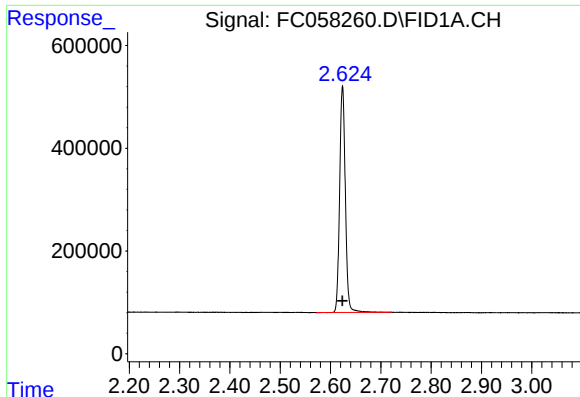
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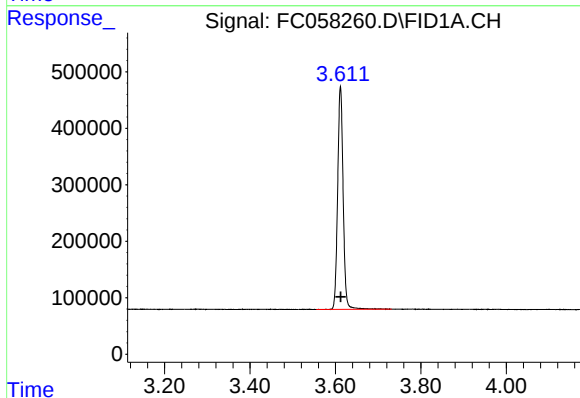
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 3474602
Conc: 21.05 ug/ml

Instrument : FID_C
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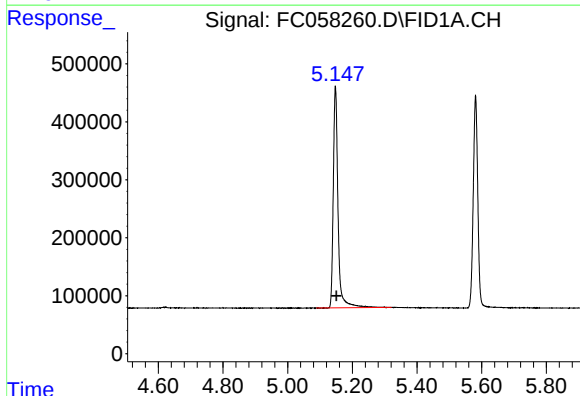
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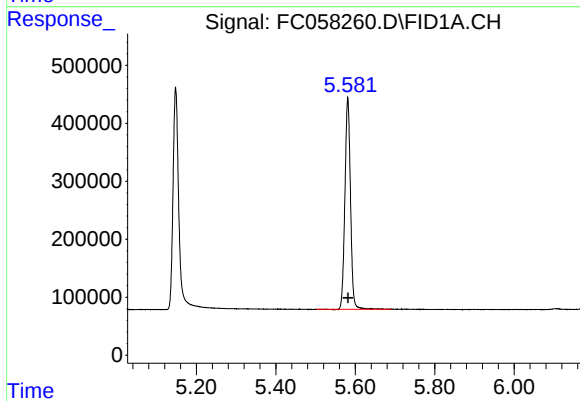
#2 n-Decane (C10)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 3527788
Conc: 21.05 ug/ml



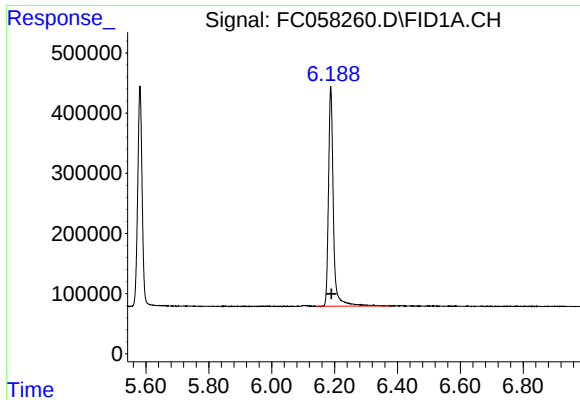
#3 A~Naphthalene (C11.7)

R.T.: 5.148 min
Delta R.T.: -0.002 min
Response: 3911501
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 3563305
Conc: 21.14 ug/ml



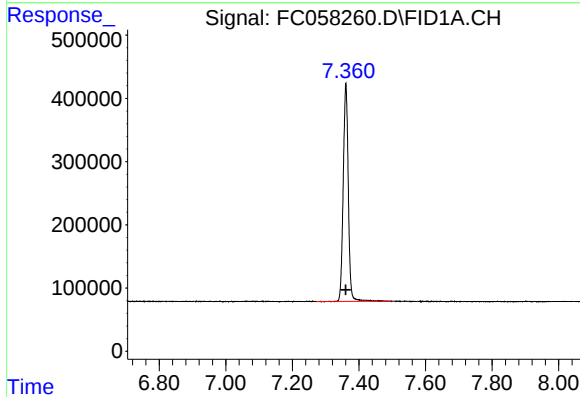
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 3934962
Conc: 21.28 ug/ml

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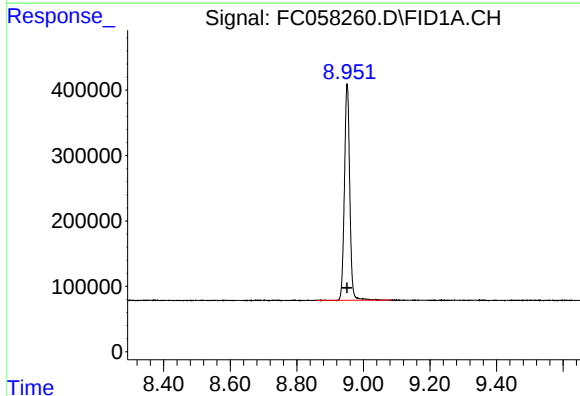
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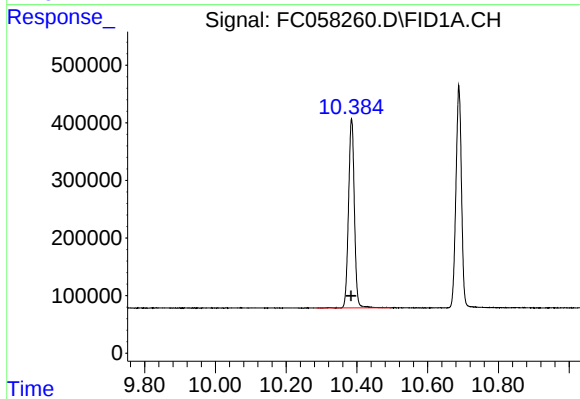
#6 n-Tetradecane (C14)

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 3640981
Conc: 21.23 ug/ml



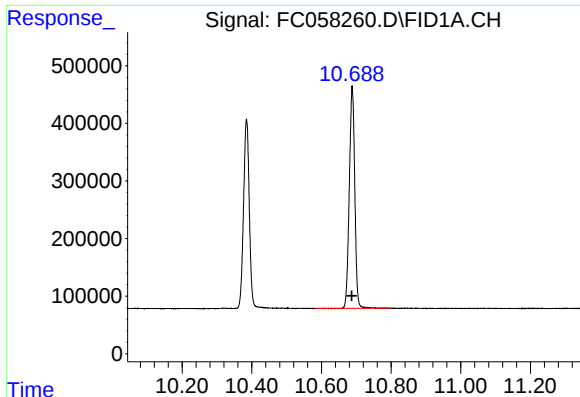
#7 n-Hexadecane (C16)

R.T.: 8.951 min
Delta R.T.: 0.000 min
Response: 3670455
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.385 min
Delta R.T.: 0.000 min
Response: 3771660
Conc: 21.30 ug/ml



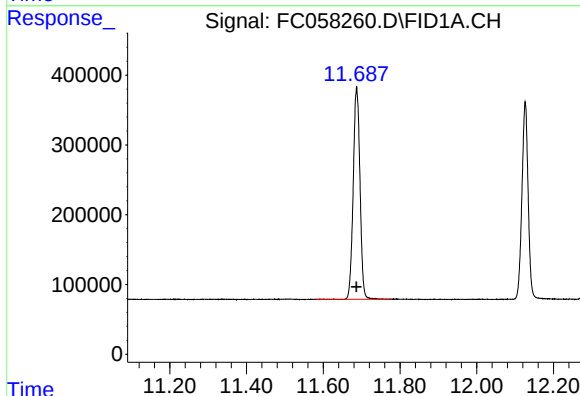
#9 ortho-Terphenyl (SURR)

R.T.: 10.688 min
Delta R.T.: 0.002 min
Response: 4208174
Conc: 21.37 ug/ml

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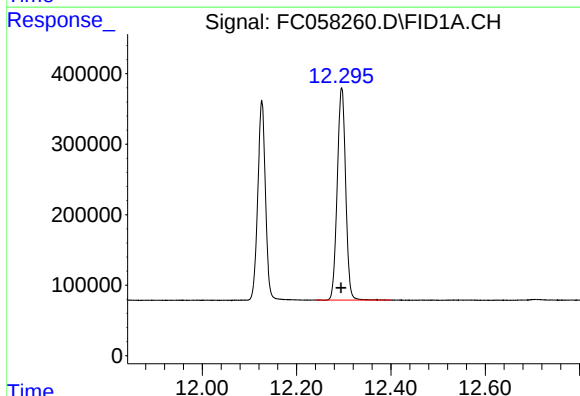
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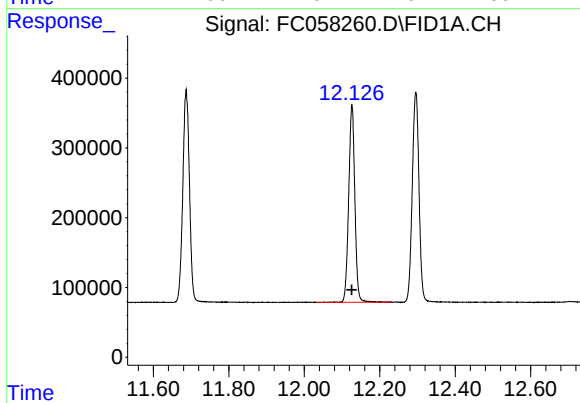
#10 n-Eicosane (C20)

R.T.: 11.687 min
Delta R.T.: 0.000 min
Response: 3715043
Conc: 21.34 ug/ml



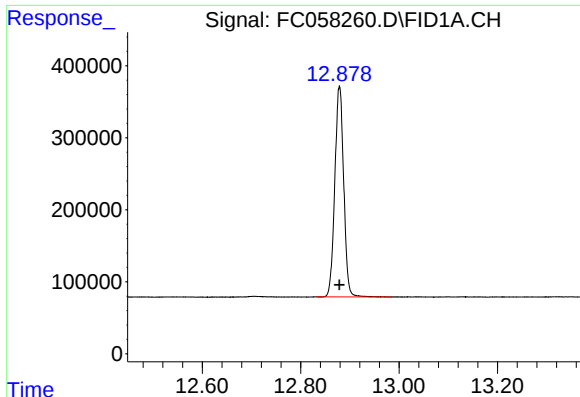
#11 n-Heneicosane (C21)

R.T.: 12.295 min
Delta R.T.: 0.000 min
Response: 3737915
Conc: 21.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.126 min
Delta R.T.: 0.000 min
Response: 3194747
Conc: 21.50 ug/ml



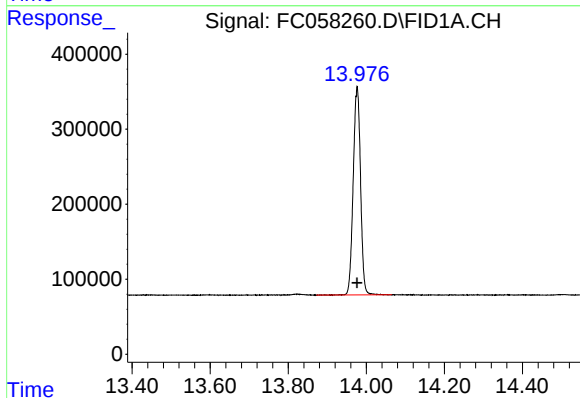
#13 n-Docosane (C22)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 3669593
Conc: 21.42 ug/ml

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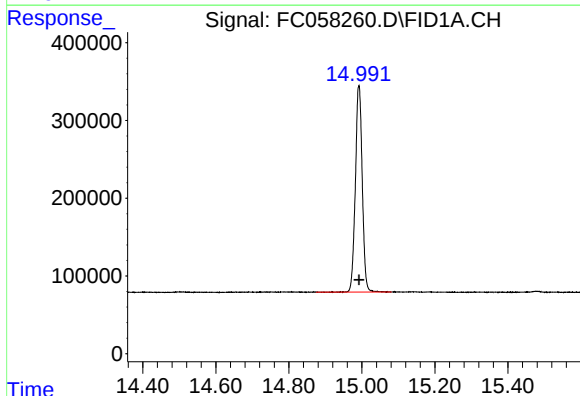
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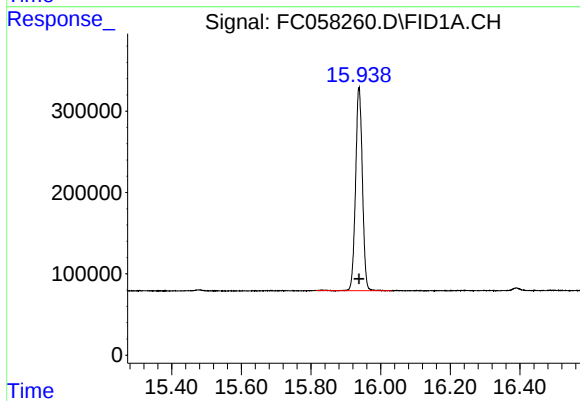
#14 n-Tetracosane (C24)

R.T.: 13.976 min
Delta R.T.: 0.000 min
Response: 3616080
Conc: 21.48 ug/ml



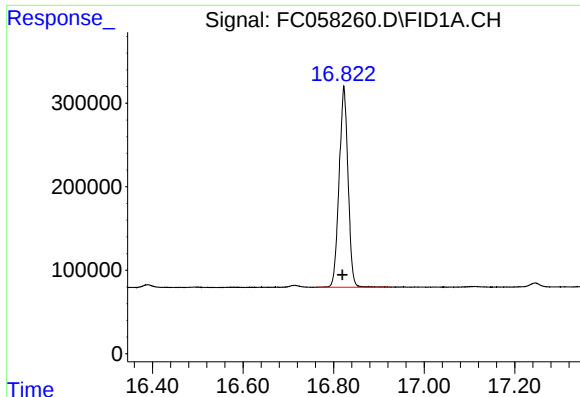
#15 n-Hexacosane (C26)

R.T.: 14.992 min
Delta R.T.: 0.000 min
Response: 3471905
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.938 min
Delta R.T.: 0.000 min
Response: 3384321
Conc: 21.38 ug/ml



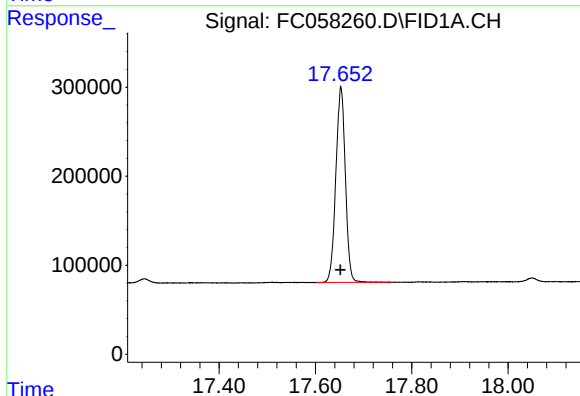
#17 n-Tricontane (C30)

R.T.: 16.823 min
Delta R.T.: 0.003 min
Response: 3288263
Conc: 21.23 ug/ml

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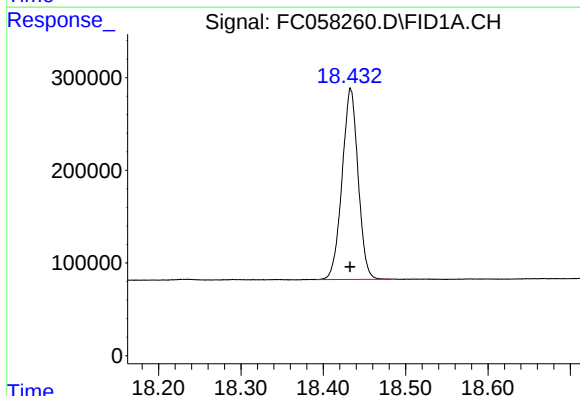
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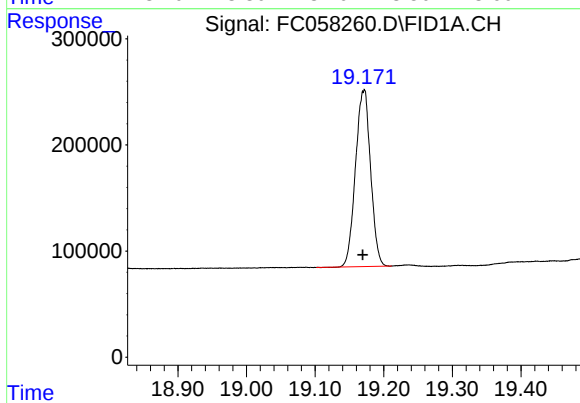
#18 n-Dotriacontane (C32)

R.T.: 17.653 min
Delta R.T.: 0.000 min
Response: 3024622
Conc: 19.95 ug/ml



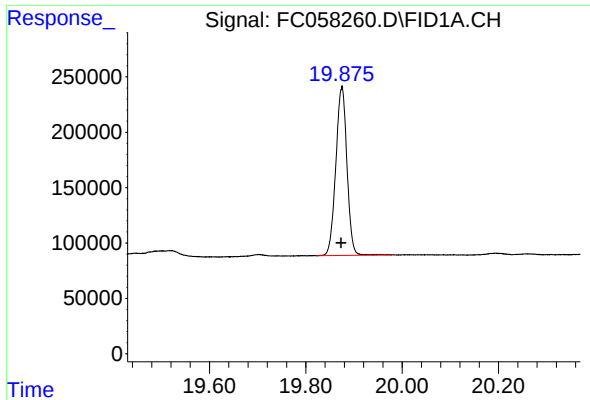
#19 n-Tetratriacontane (C34)

R.T.: 18.432 min
Delta R.T.: 0.000 min
Response: 2780301
Conc: 20.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.170 min
Delta R.T.: 0.000 min
Response: 2539564
Conc: 20.19 ug/ml



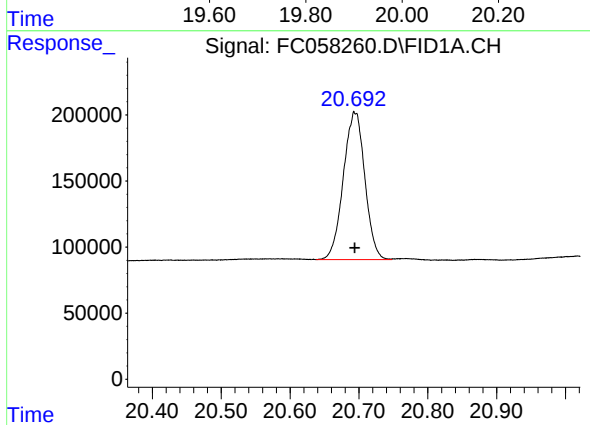
#21 n-Octatriacontane (C38)

R.T.: 19.874 min
Delta R.T.: 0.001 min
Response: 2444824
Conc: 20.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.692 min
Delta R.T.: -0.002 min
Response: 2422206
Conc: 20.70 ug/ml m