

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052622AL\
 Data File : FC059935.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2022 14:39
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 26 15:06:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:57:57 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)	10.638	3259256	20.719 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
12) S 1-chlorooctadecane (S...	12.007	2591787	20.543 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	2.625	2693340	20.545 ug/ml
2) T n-Decane (C10)	3.622	2701204	20.824 ug/ml
3) T A~Naphthalene (C11.7)	5.156	3092523	21.164 ug/ml
4) T n-Dodecane (C12)	5.572	2820818	21.024 ug/ml
5) T A~2-methylnaphthalene...	6.179	3151391	20.995 ug/ml
6) T n-Tetradecane (C14)	7.323	2894647	21.204 ug/ml
7) T n-Hexadecane (C16)	8.886	2968627	21.098 ug/ml
8) T n-Octadecane (C18)	10.294	3016336	20.957 ug/ml
10) T n-Eicosane (C20)	11.572	2990507	20.700 ug/ml
11) T n-Heneicosane (C21)	12.171	2989872	20.616 ug/ml
13) T n-Docosane (C22)	12.742	2974497	20.388 ug/ml
14) T n-Tetracosane (C24)	13.819	2905753	19.901 ug/ml
15) T n-Hexacosane (C26)	14.817	2801963	19.499 ug/ml
16) T n-Octacosane (C28)	15.745	2676148	19.091 ug/ml
17) T n-Tricontane (C30)	16.611	2531293	18.948 ug/ml
18) T n-Dotriacontane (C32)	17.424	2319784	19.033 ug/ml
19) T n-Tetratriacontane (C34)	18.186	2107190	19.819 ug/ml
20) T n-Hexatriacontane (C36)	18.909	1971653	20.519 ug/ml
21) T n-Octatriacontane (C38)	19.592	1925389	20.885 ug/ml
22) T n-Tetracontane (C40)	20.242	1972800	20.601 ug/ml

(f)=RT Delta > 1/2 Window

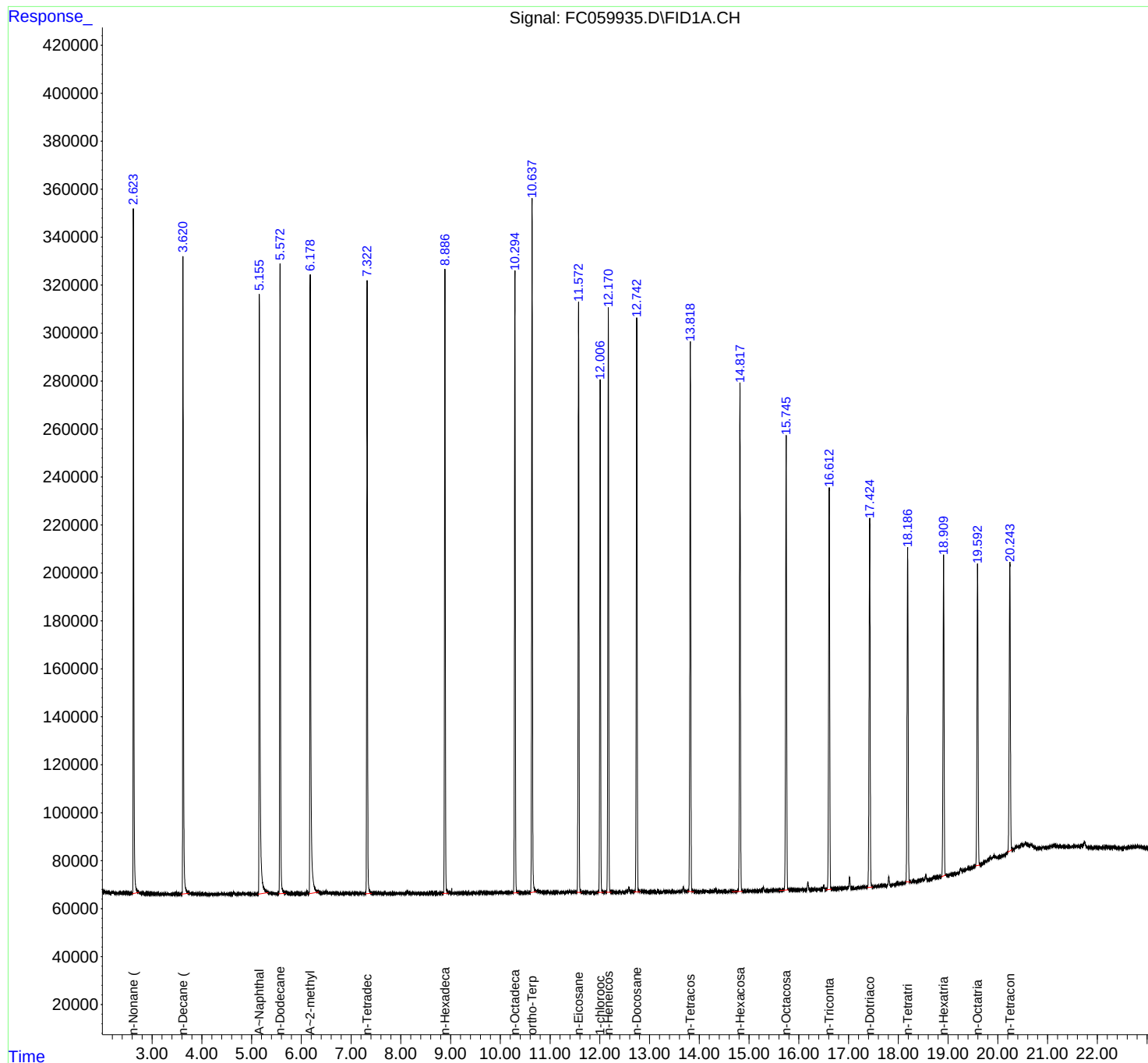
(m)=manual int.

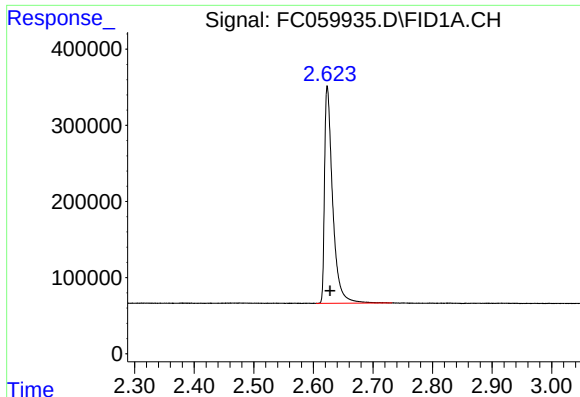
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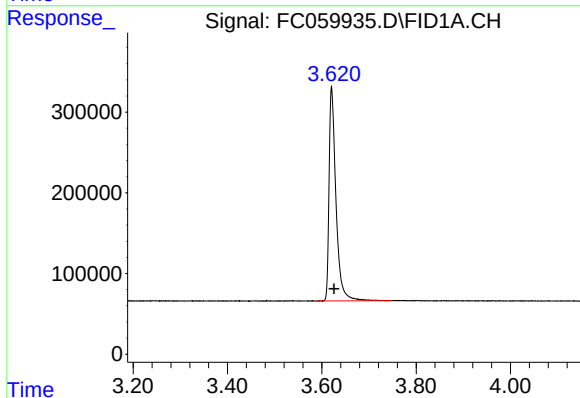




#1 n-Nonane (C9)

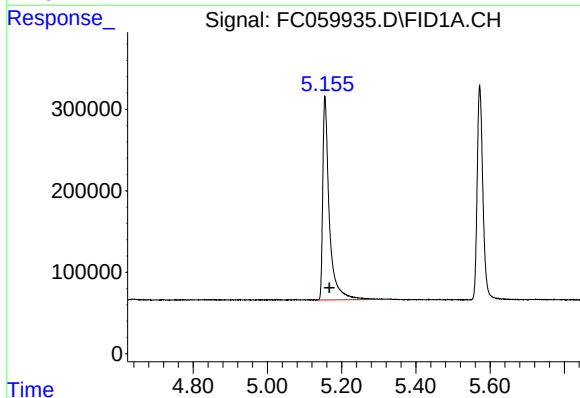
R.T.: 2.625 min
Delta R.T.: -0.003 min
Response: 2693340
Conc: 20.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



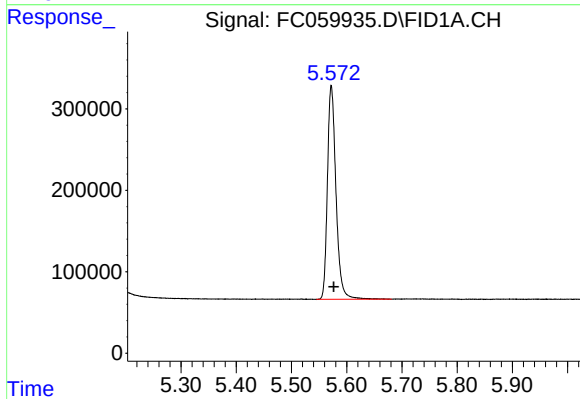
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.004 min
Response: 2701204
Conc: 20.82 ug/ml



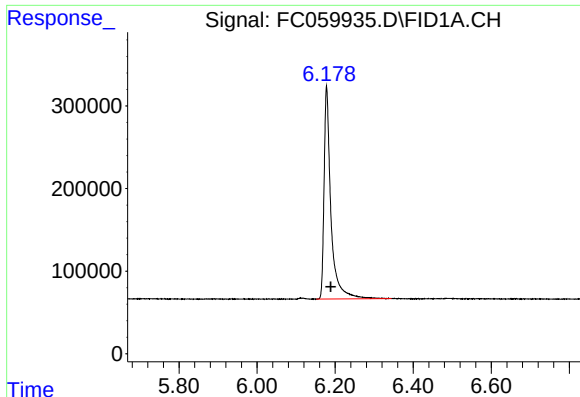
#3 A~Naphthalene (C11.7)

R.T.: 5.156 min
Delta R.T.: -0.012 min
Response: 3092523
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

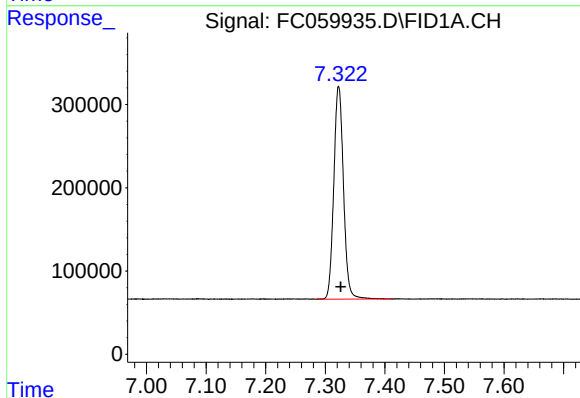
R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 2820818
Conc: 21.02 ug/ml



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

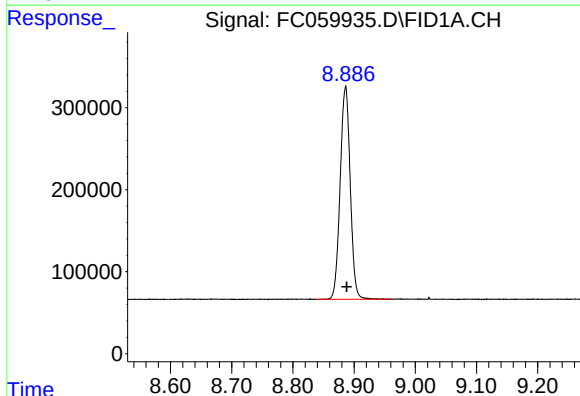
R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 3151391
Conc: 20.99 ug/ml

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20 PPM ALIPHATIC HC STD



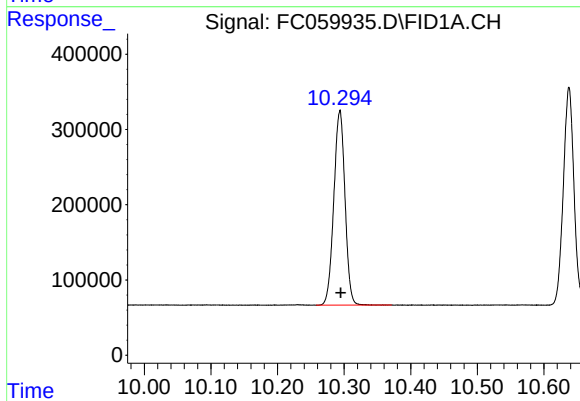
#6 n-Tetradecane (C14)

R.T.: 7.323 min
Delta R.T.: -0.004 min
Response: 2894647
Conc: 21.20 ug/ml



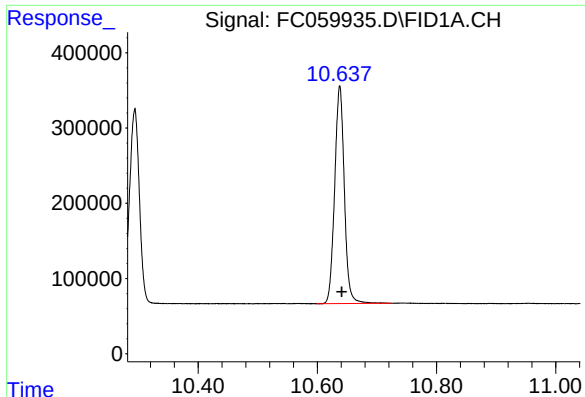
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 2968627
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

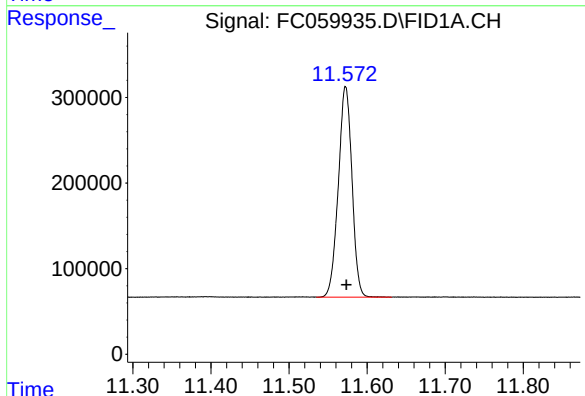
R.T.: 10.294 min
Delta R.T.: -0.002 min
Response: 3016336
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

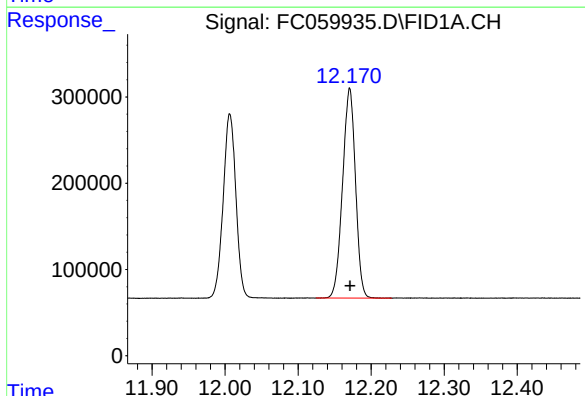
R.T.: 10.638 min
Delta R.T.: -0.003 min
Response: 3259256
Conc: 20.72 ug/ml

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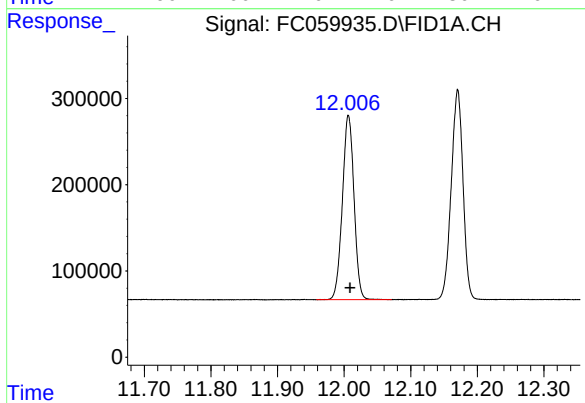
#10 n-Eicosane (C20)

R.T.: 11.572 min
Delta R.T.: -0.001 min
Response: 2990507
Conc: 20.70 ug/ml



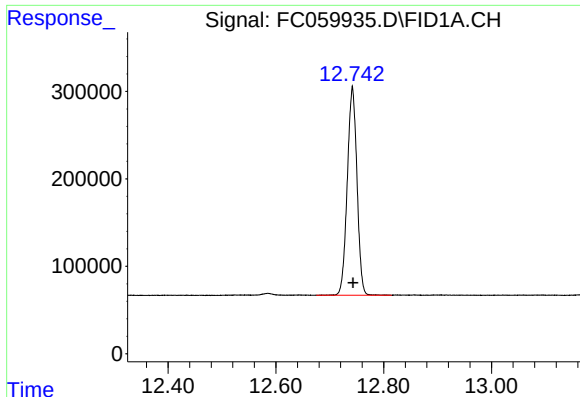
#11 n-Heneicosane (C21)

R.T.: 12.171 min
Delta R.T.: 0.000 min
Response: 2989872
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

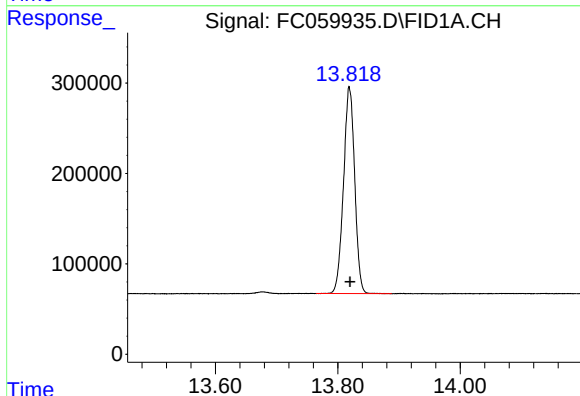
R.T.: 12.007 min
Delta R.T.: -0.002 min
Response: 2591787
Conc: 20.54 ug/ml



#13 n-Docosane (C22)

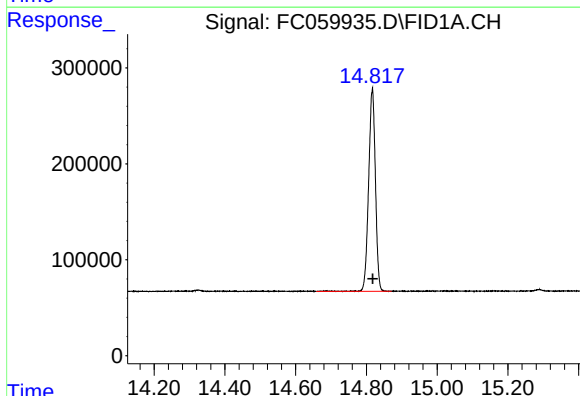
R.T.: 12.742 min
Delta R.T.: -0.001 min
Response: 2974497
Conc: 20.39 ug/ml

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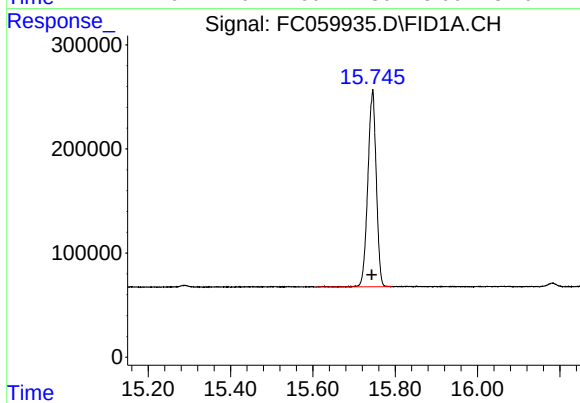
#14 n-Tetracosane (C24)

R.T.: 13.819 min
Delta R.T.: -0.001 min
Response: 2905753
Conc: 19.90 ug/ml



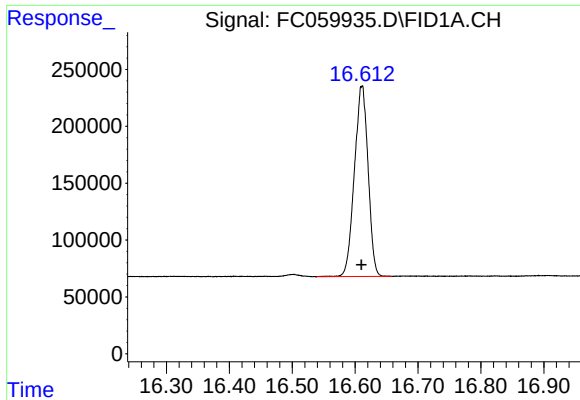
#15 n-Hexacosane (C26)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 2801963
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

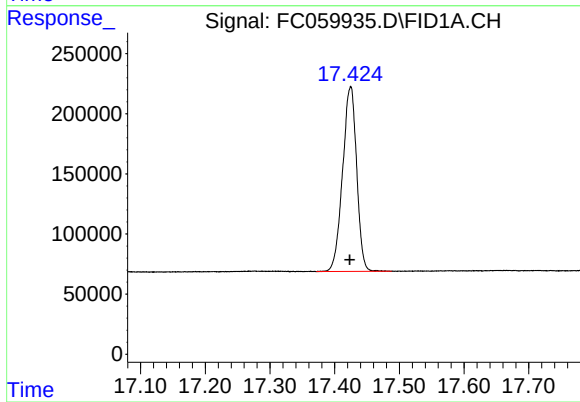
R.T.: 15.745 min
Delta R.T.: 0.002 min
Response: 2676148
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

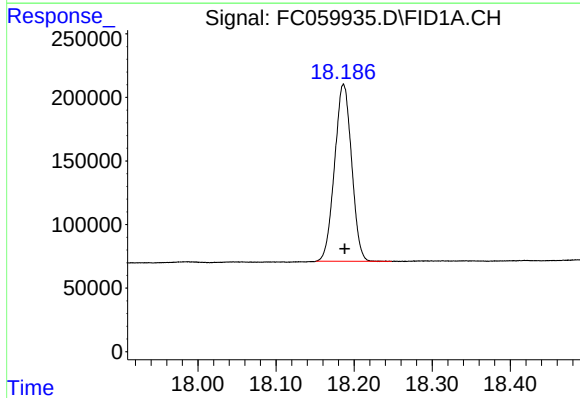
R.T.: 16.611 min
Delta R.T.: 0.000 min
Response: 2531293
Conc: 18.95 ug/ml

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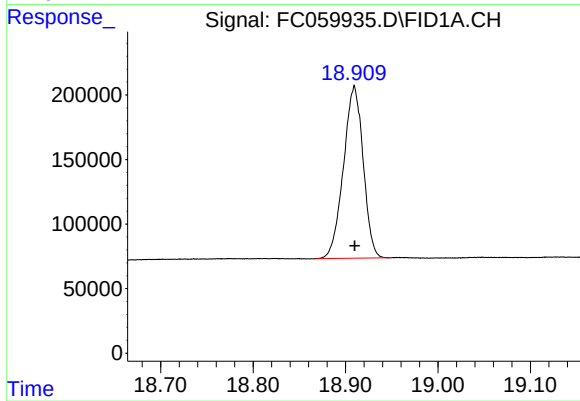
#18 n-Dotriacontane (C32)

R.T.: 17.424 min
Delta R.T.: 0.000 min
Response: 2319784
Conc: 19.03 ug/ml



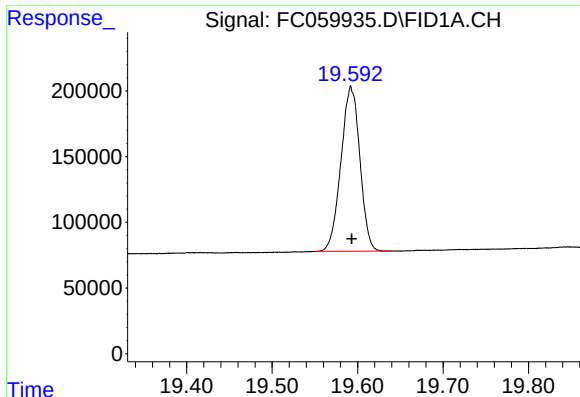
#19 n-Tetratriacontane (C34)

R.T.: 18.186 min
Delta R.T.: -0.001 min
Response: 2107190
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

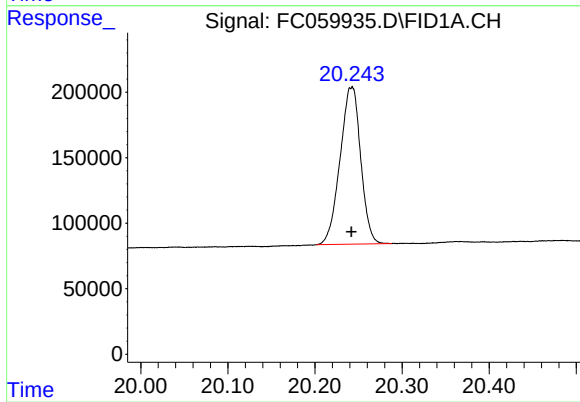
R.T.: 18.909 min
Delta R.T.: 0.000 min
Response: 1971653
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.592 min
Delta R.T.: 0.000 min
Response: 1925389
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.242 min
Delta R.T.: 0.000 min
Response: 1972800
Conc: 20.60 ug/ml