

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060421AL\
 Data File : FC053996.D
 Signal(s) : FID1A.CH
 Acq On : 04 Jun 2021 15:14
 Operator : DD\AJ
 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

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 6/8/2021 8:48:54 AM

Integration File: autoint1.e
 Quant Time: Jun 05 01:18:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 2021
 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)	11.367	3117041	22.325 ug/ml
Spiked Amount 50.000		Recovery =	44.65%
12) S 1-chlorooctadecane (S...	12.811	2493128	22.237 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
Target Compounds			
1) T n-Nonane (C9)	3.162	2659850	22.513 ug/ml
2) T n-Decane (C10)	4.219	2687913	22.551 ug/ml
3) T A~Naphthalene (C11.7)	5.789	2988362	22.849 ug/ml
4) T n-Dodecane (C12)	6.230	2738132	22.304 ug/ml
5) T A~2-methylnaphthalene...	6.843	3061495	22.934 ug/ml
6) T n-Tetradecane (C14)	8.022	2778325	22.399 ug/ml
7) T n-Hexadecane (C16)	9.621	2783378	22.340 ug/ml
8) T n-Octadecane (C18)	11.061	2926569	22.219 ug/ml
10) T n-Eicosane (C20)	12.369	2971825	22.171 ug/ml
11) T n-Heneicosane (C21)	12.980	2977547	22.200 ug/ml
13) T n-Docosane (C22)	13.566	2991622	22.259 ug/ml
14) T n-Tetracosane (C24)	14.668	3008735	22.408 ug/ml
15) T n-Hexacosane (C26)	15.689	3004763	22.671 ug/ml
16) T n-Octacosane (C28)	16.639	3011381	22.807 ug/ml
17) T n-Tricontane (C30)	17.525	2996557	22.854 ug/ml
18) T n-Dotriacontane (C32)	18.358	2872315	22.266 ug/ml
19) T n-Tetratriacontane (C34)	19.142	2729909	22.377 ug/mlm
20) T n-Hexatriacontane (C36)	19.880	2481840	21.983 ug/mlm
21) T n-Octatriacontane (C38)	20.590	2258335	22.397 ug/mlm
22) T n-Tetracontane (C40)	21.429	2297230	22.763 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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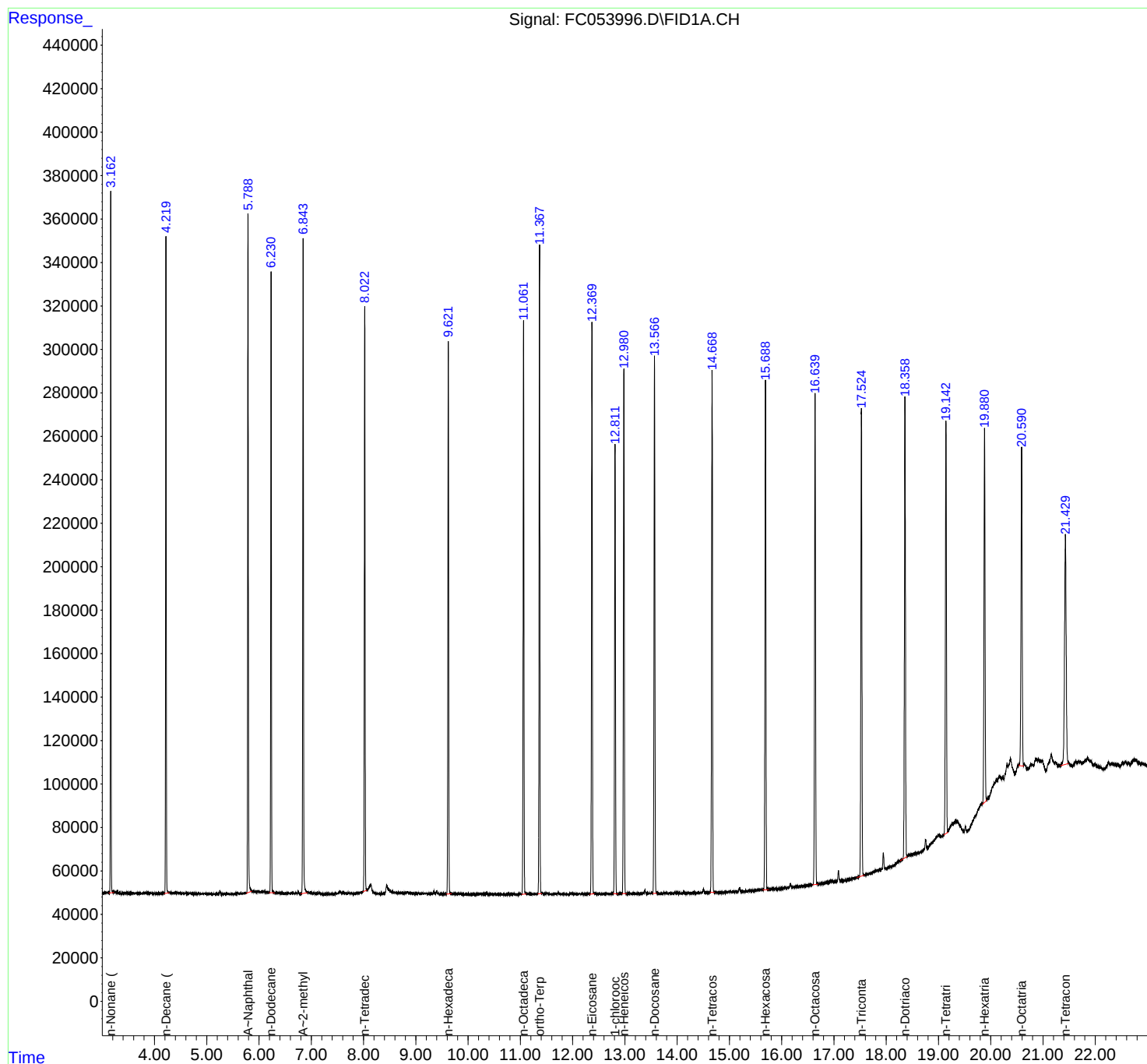
Instrument :
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20 PPM ALIPHATIC HC STD

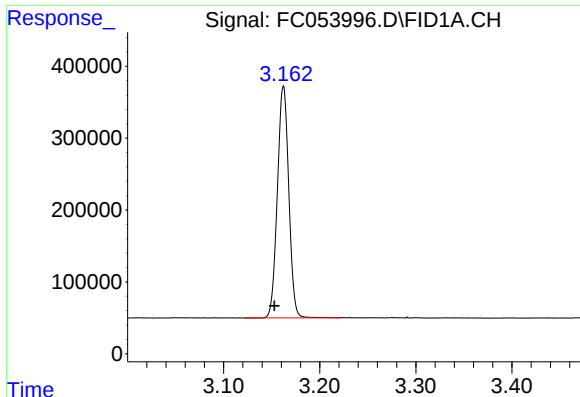
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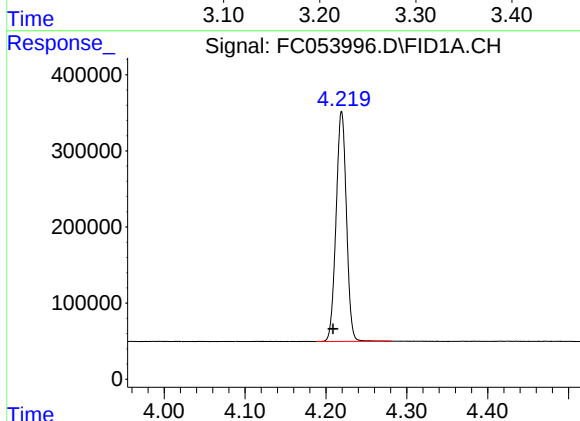
#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 2659850
Conc: 22.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

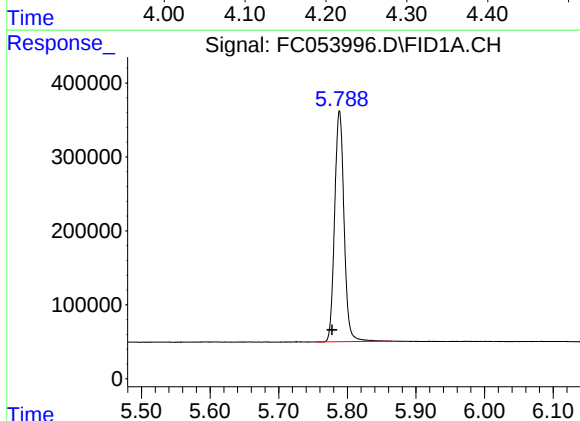
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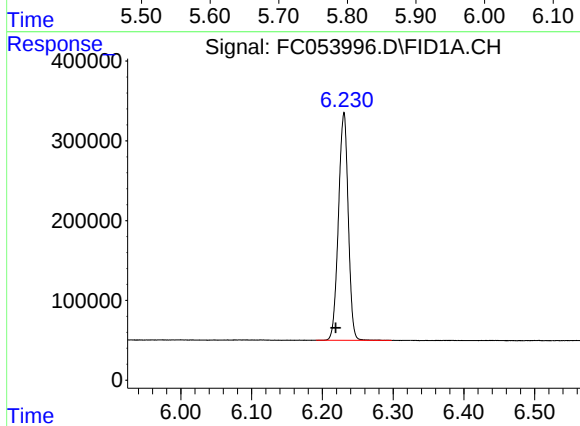
#2 n-Decane (C10)

R.T.: 4.219 min
Delta R.T.: 0.010 min
Response: 2687913
Conc: 22.55 ug/ml



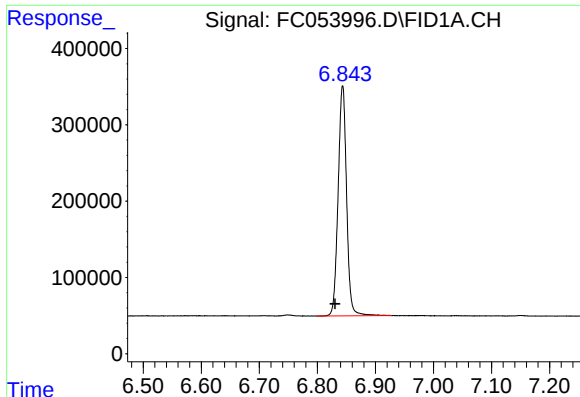
#3 A~Naphthalene (C11.7)

R.T.: 5.789 min
Delta R.T.: 0.011 min
Response: 2988362
Conc: 22.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.230 min
Delta R.T.: 0.011 min
Response: 2738132
Conc: 22.30 ug/ml



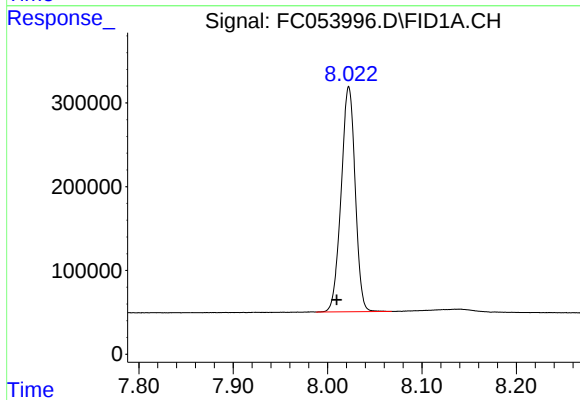
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: 0.013 min
Response: 3061495
Conc: 22.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

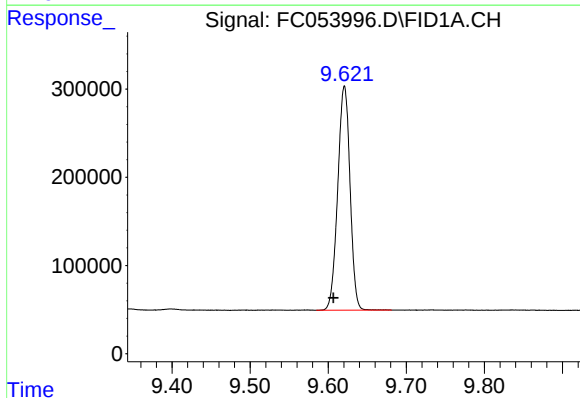
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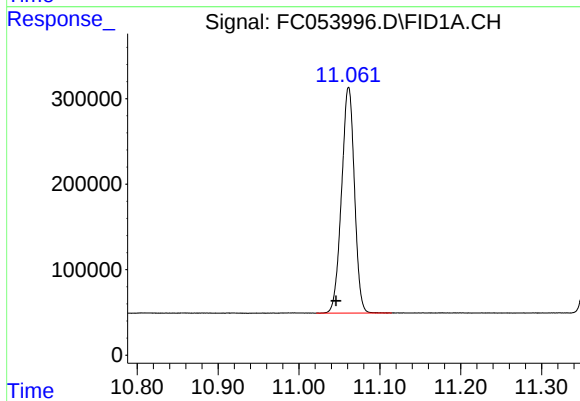
#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: 0.013 min
Response: 2778325
Conc: 22.40 ug/ml



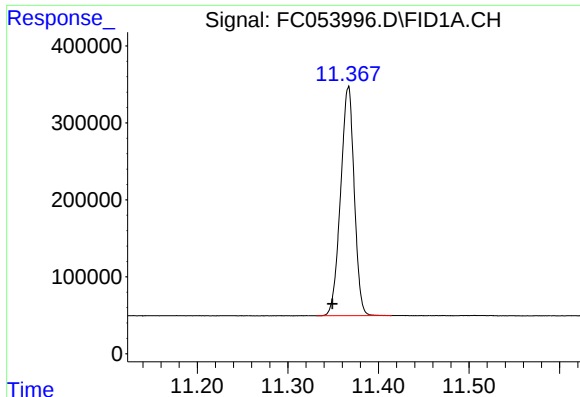
#7 n-Hexadecane (C16)

R.T.: 9.621 min
Delta R.T.: 0.014 min
Response: 2783378
Conc: 22.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: 0.015 min
Response: 2926569
Conc: 22.22 ug/ml



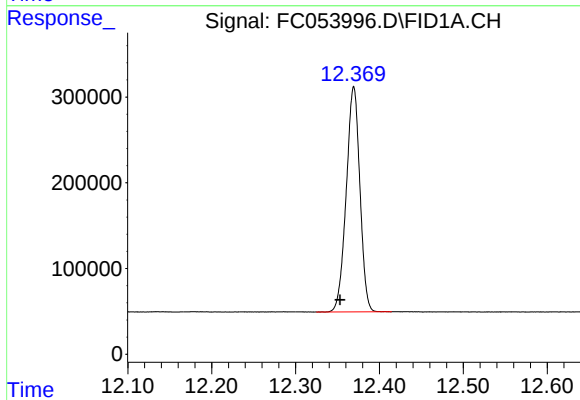
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.017 min
Response: 3117041
Conc: 22.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

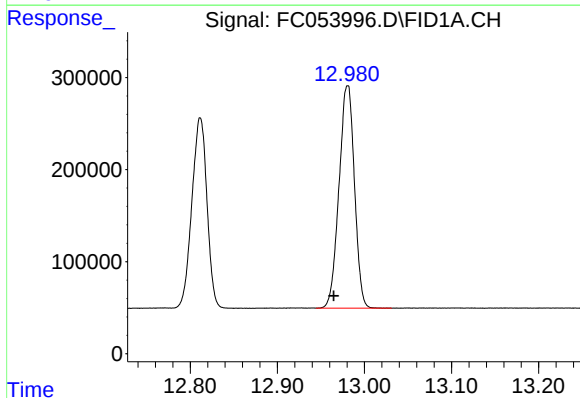
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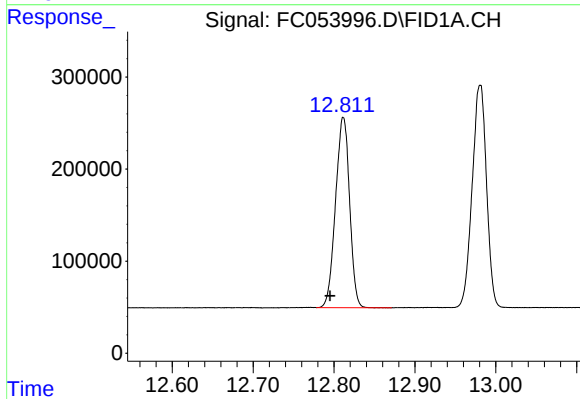
#10 n-Eicosane (C20)

R.T.: 12.369 min
Delta R.T.: 0.016 min
Response: 2971825
Conc: 22.17 ug/ml



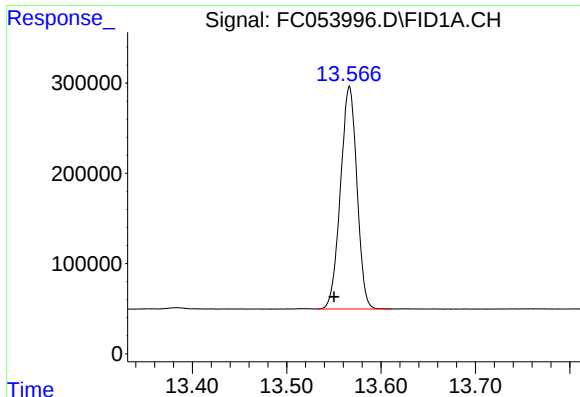
#11 n-Heneicosane (C21)

R.T.: 12.980 min
Delta R.T.: 0.016 min
Response: 2977547
Conc: 22.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.811 min
Delta R.T.: 0.016 min
Response: 2493128
Conc: 22.24 ug/ml



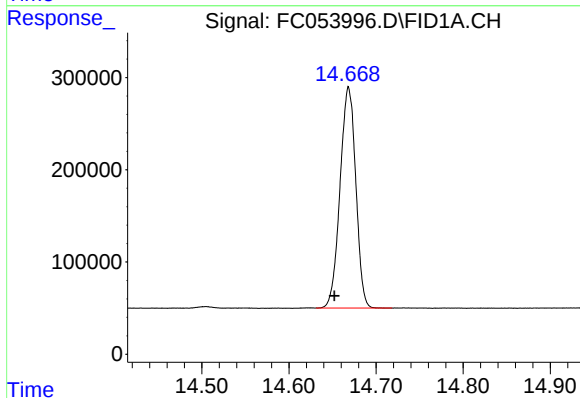
#13 n-Docosane (C22)

R.T.: 13.566 min
Delta R.T.: 0.016 min
Response: 2991622
Conc: 22.26 ug/ml

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20 PPM ALIPHATIC HC STD

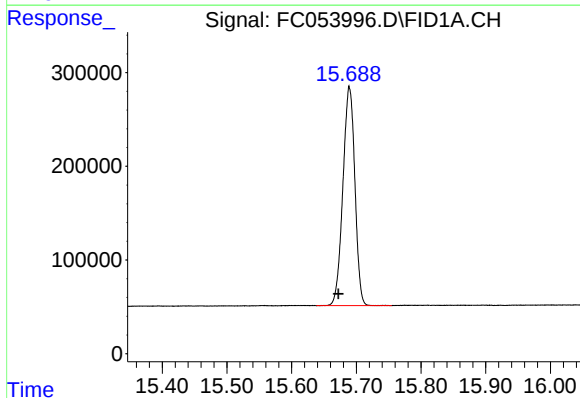
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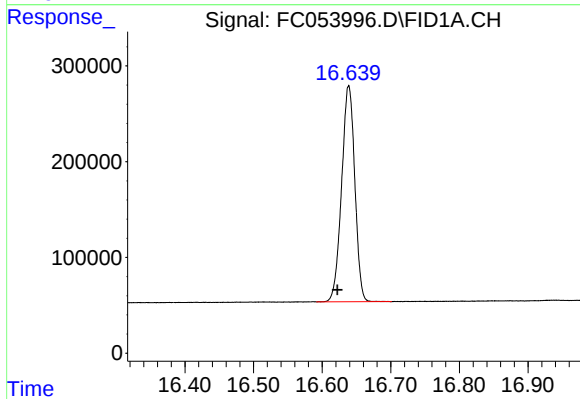
#14 n-Tetracosane (C24)

R.T.: 14.668 min
Delta R.T.: 0.016 min
Response: 3008735
Conc: 22.41 ug/ml



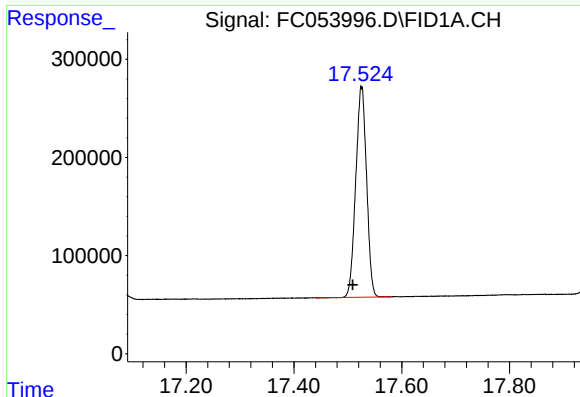
#15 n-Hexacosane (C26)

R.T.: 15.689 min
Delta R.T.: 0.017 min
Response: 3004763
Conc: 22.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.639 min
Delta R.T.: 0.017 min
Response: 3011381
Conc: 22.81 ug/ml



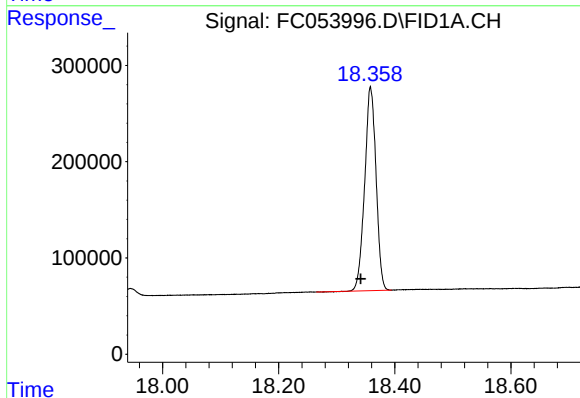
#17 n-Tricontane (C30)

R.T.: 17.525 min
Delta R.T.: 0.016 min
Response: 2996557
Conc: 22.85 ug/ml

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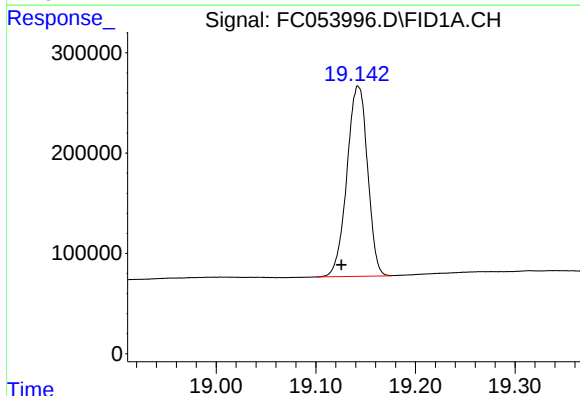
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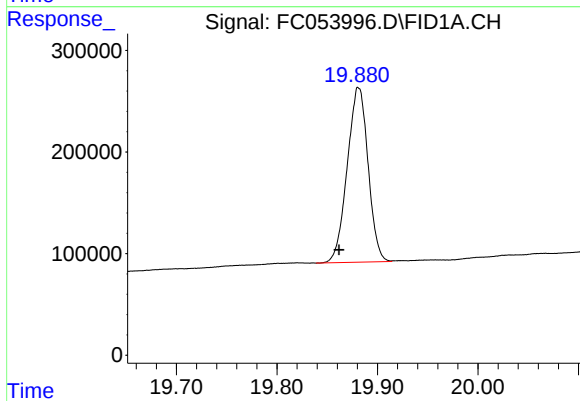
#18 n-Dotriacontane (C32)

R.T.: 18.358 min
Delta R.T.: 0.017 min
Response: 2872315
Conc: 22.27 ug/ml



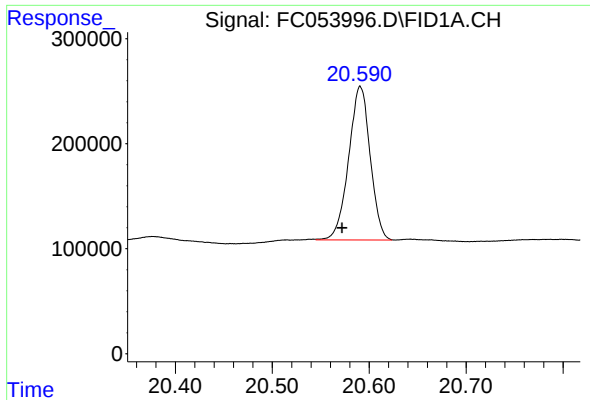
#19 n-Tetratriacontane (C34)

R.T.: 19.142 min
Delta R.T.: 0.016 min
Response: 2729909
Conc: 22.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.880 min
Delta R.T.: 0.018 min
Response: 2481840
Conc: 21.98 ug/ml m



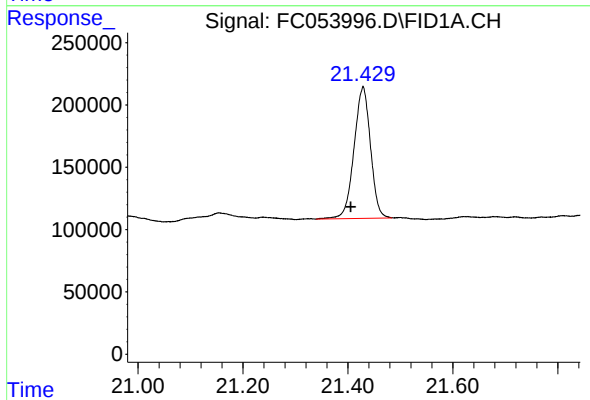
#21 n-Octatriacontane (C38)

R.T.: 20.590 min
Delta R.T.: 0.018 min
Response: 2258335
Conc: 22.40 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.429 min
Delta R.T.: 0.023 min
Response: 2297230
Conc: 22.76 ug/ml m