

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072120AL\
 Data File : FC048595.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jul 2020 12:29
 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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 7/22/2020 1:58:32 PM

Integration File: autoint1.e
 Quant Time: Jul 22 13:02:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.681	2547559	18.562 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
12) S 1-chlorooctadecane (S...	13.113	2049321	18.186 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T n-Nonane (C9)	3.416	2442257	20.488 ug/ml
2) T n-Decane (C10)	4.489	2482687	20.626 ug/ml
3) T A~Naphthalene (C11.7)	6.086	2770373	20.587 ug/ml
4) T n-Dodecane (C12)	6.514	2520304	20.600 ug/ml
5) T A~2-methylnaphthalene...	7.145	2814267	20.418 ug/ml
6) T n-Tetradecane (C14)	8.312	2499736	20.292 ug/ml
7) T n-Hexadecane (C16)	9.915	2436297	19.902 ug/ml
8) T n-Octadecane (C18)	11.358	2476768	19.353 ug/ml
10) T n-Eicosane (C20)	12.668	2423926	18.741 ug/ml
11) T n-Heneicosane (C21)	13.279	2378010	18.345 ug/ml
13) T n-Docosane (C22)	13.865	2334518	17.981 ug/ml
14) T n-Tetracosane (C24)	14.967	2244023	17.119 ug/ml
15) T n-Hexacosane (C26)	15.987	2141219	16.467 ug/ml
16) T n-Octacosane (C28)	16.936	2082566	15.938 ug/ml
17) T n-Tricontane (C30)	17.821	2002872	15.580 ug/ml
18) T n-Dotriacontane (C32)	18.652	1824023	15.439 ug/ml
19) T n-Tetratriacontane (C34)	19.433	1710174	15.321 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1646781	15.658 ug/mlm
21) T n-Octatriacontane (C38)	20.926	1659497	16.904 ug/ml
22) T n-Tetracontane (C40)	21.880	1610400	16.572 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

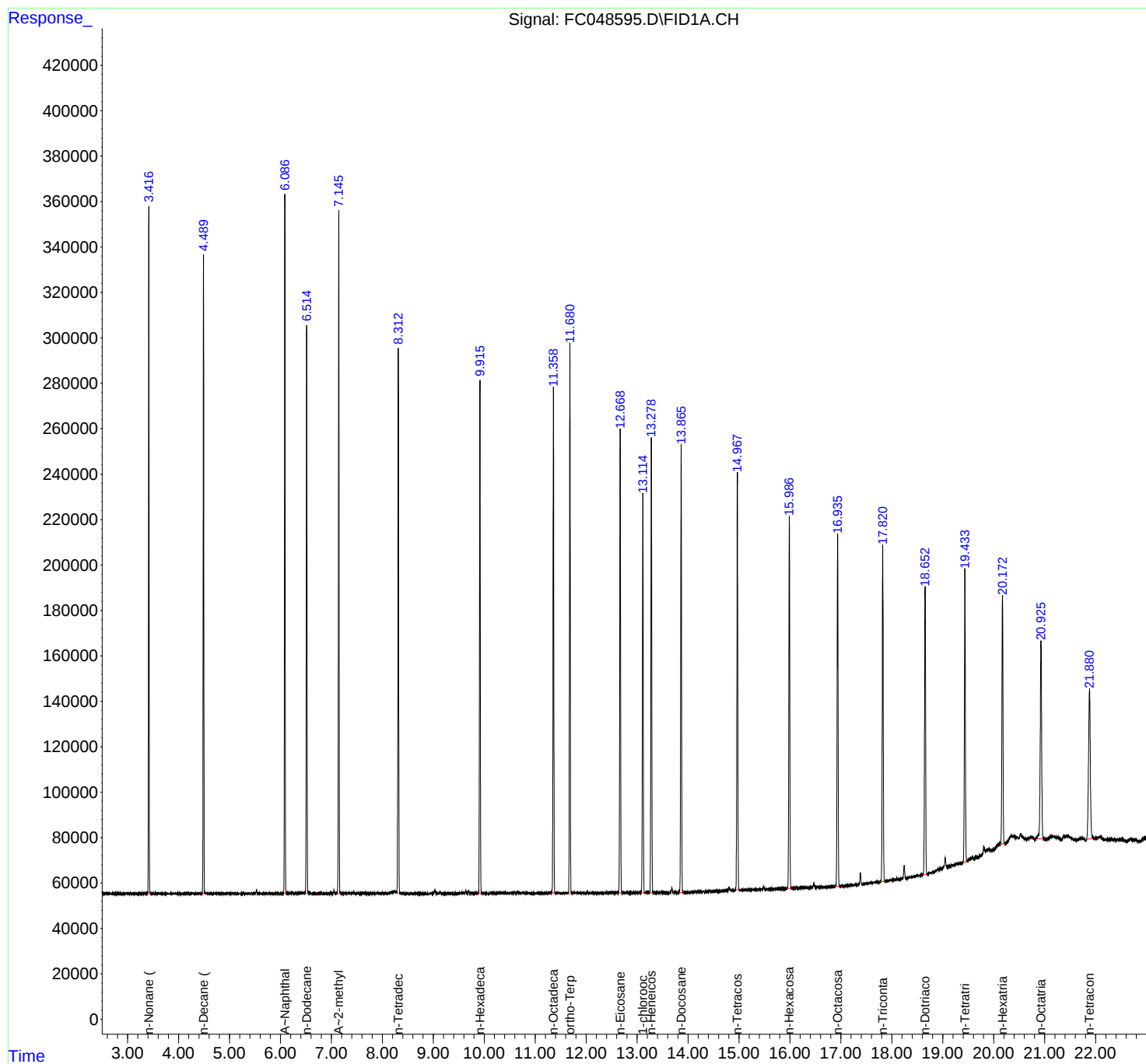
Instrument :
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20 PPM ALIPHATIC HC STD

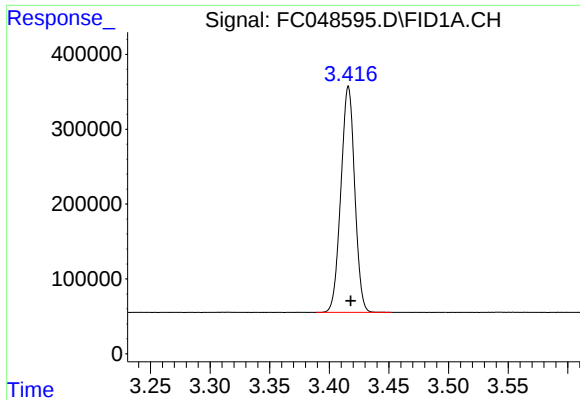
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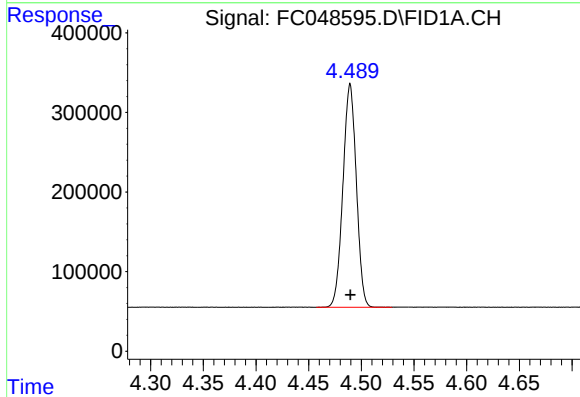
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: -0.002 min
Response: 2442257
Conc: 20.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

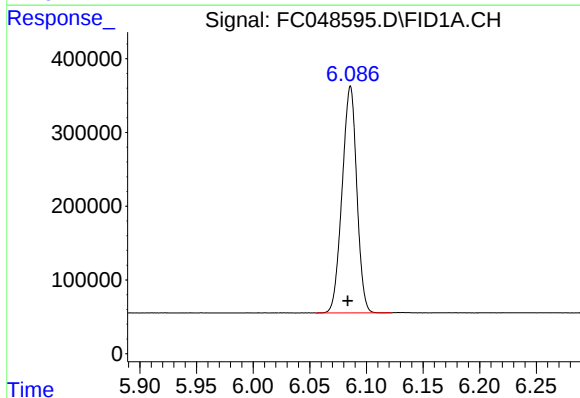
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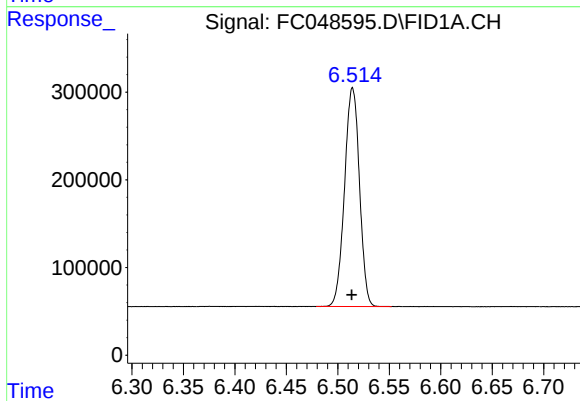
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2482687
Conc: 20.63 ug/ml



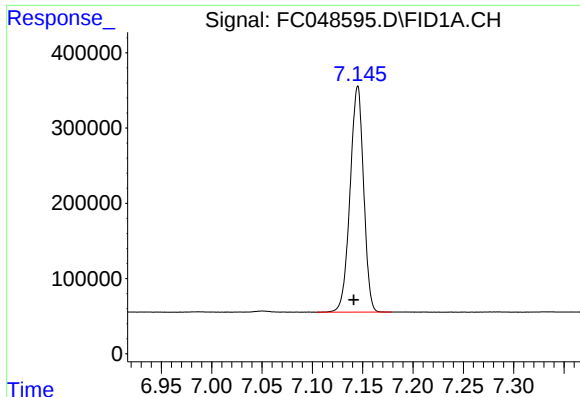
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: 0.002 min
Response: 2770373
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2520304
Conc: 20.60 ug/ml



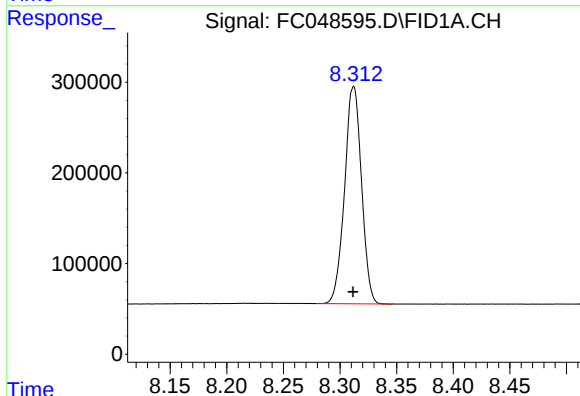
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 2814267
Conc: 20.42 ug/ml

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20 PPM ALIPHATIC HC STD

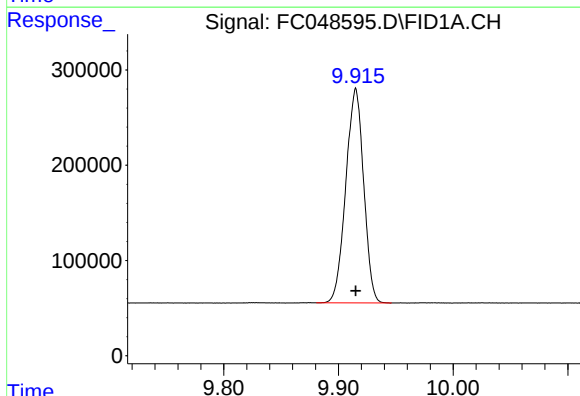
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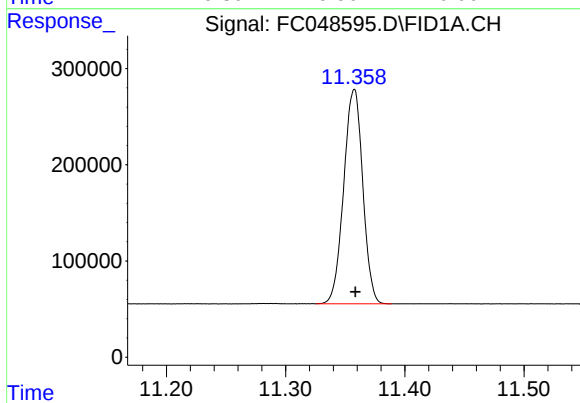
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2499736
Conc: 20.29 ug/ml



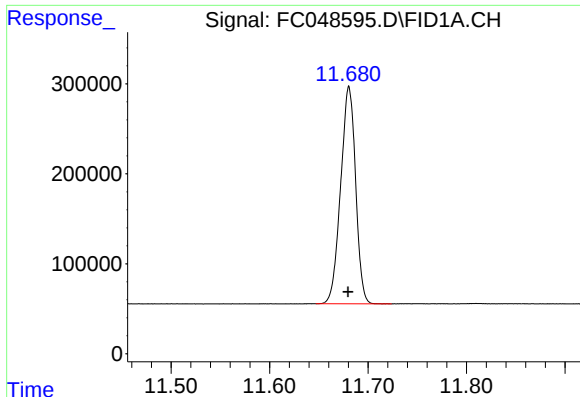
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2436297
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2476768
Conc: 19.35 ug/ml



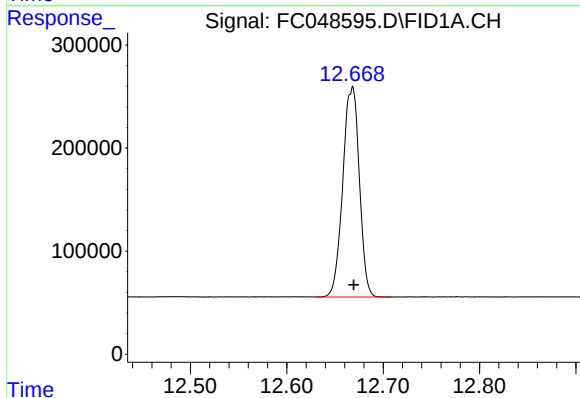
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.001 min
Response: 2547559
Conc: 18.56 ug/ml

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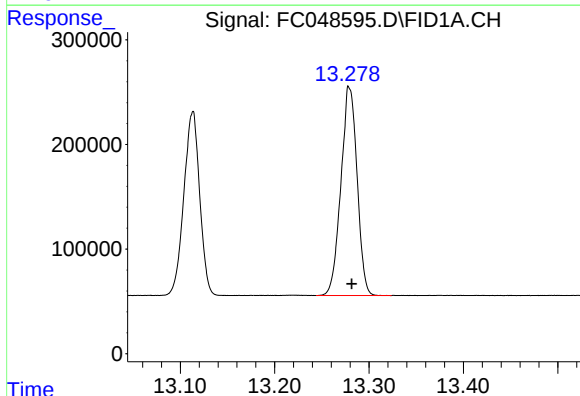
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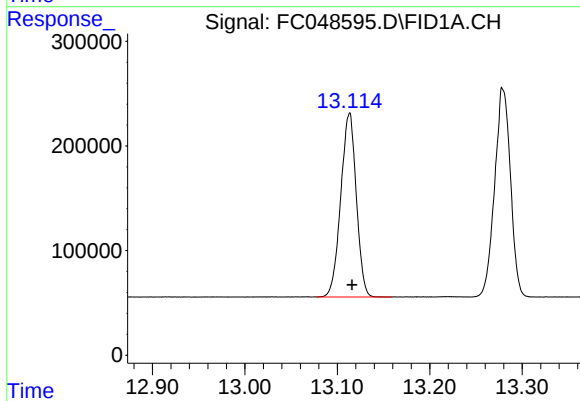
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.001 min
Response: 2423926
Conc: 18.74 ug/ml



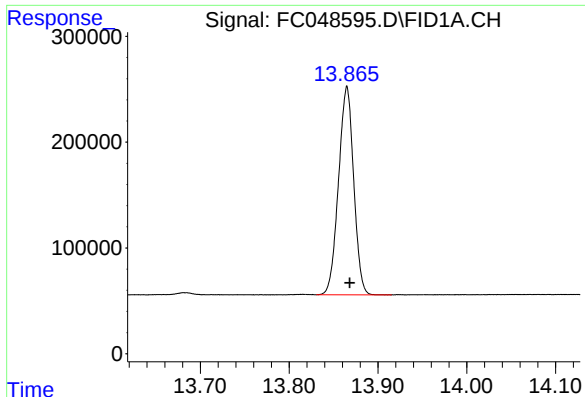
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 2378010
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.003 min
Response: 2049321
Conc: 18.19 ug/ml



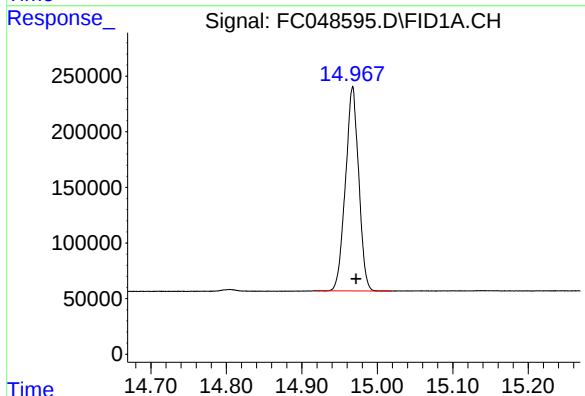
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2334518
Conc: 17.98 ug/ml

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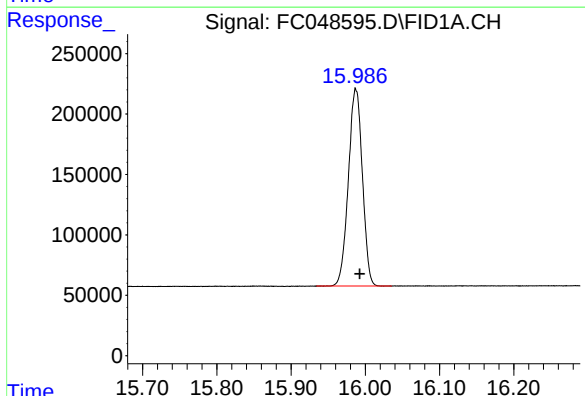
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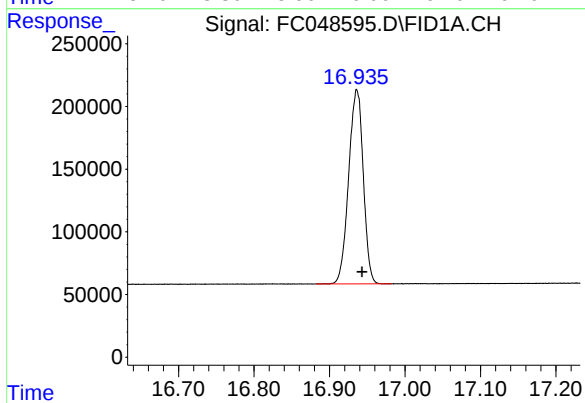
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.005 min
Response: 2244023
Conc: 17.12 ug/ml



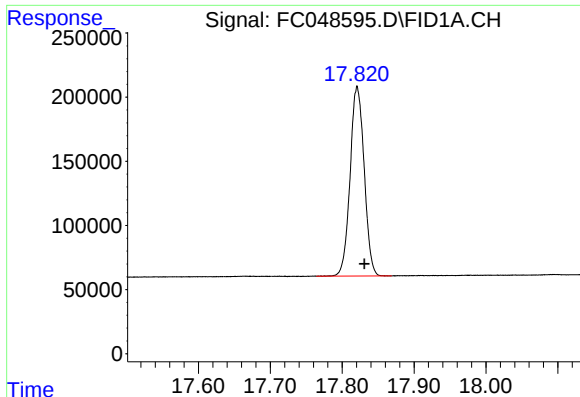
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2141219
Conc: 16.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: -0.007 min
Response: 2082566
Conc: 15.94 ug/ml



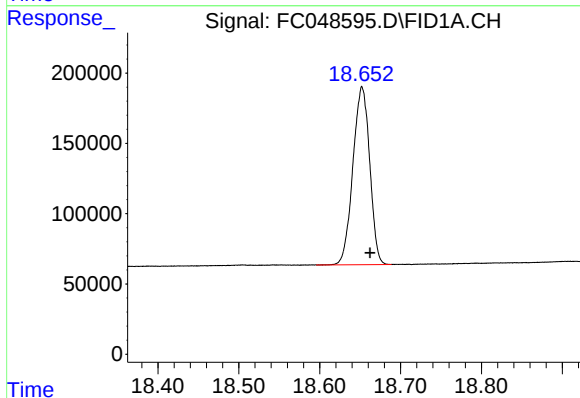
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: -0.010 min
Response: 2002872
Conc: 15.58 ug/ml

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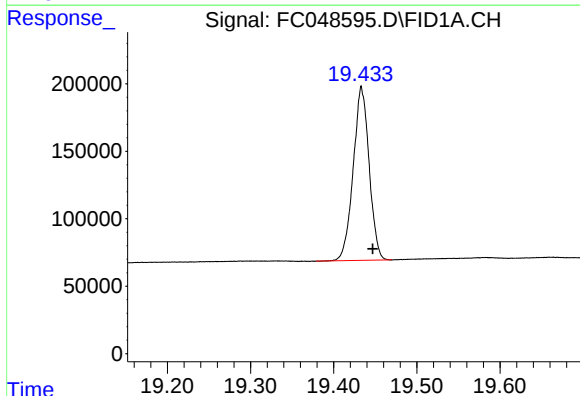
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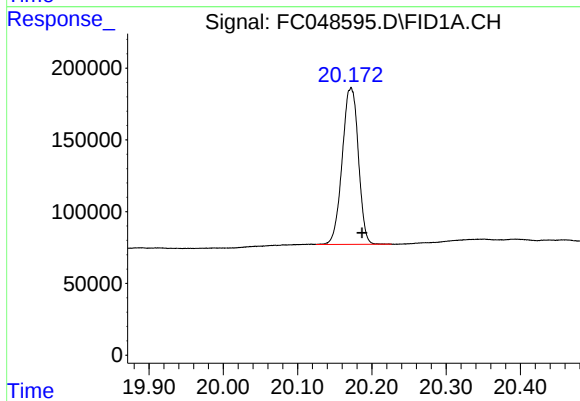
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.010 min
Response: 1824023
Conc: 15.44 ug/ml



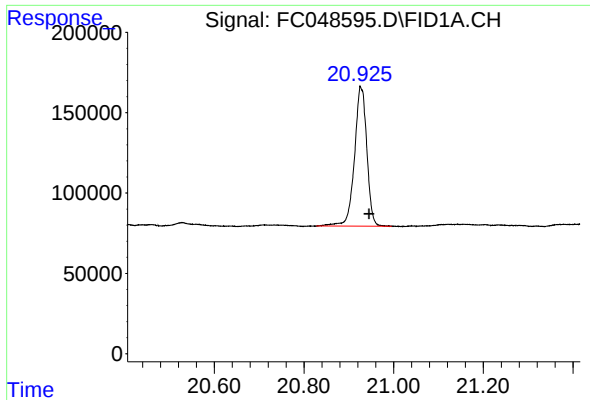
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.013 min
Response: 1710174
Conc: 15.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: -0.015 min
Response: 1646781
Conc: 15.66 ug/ml m



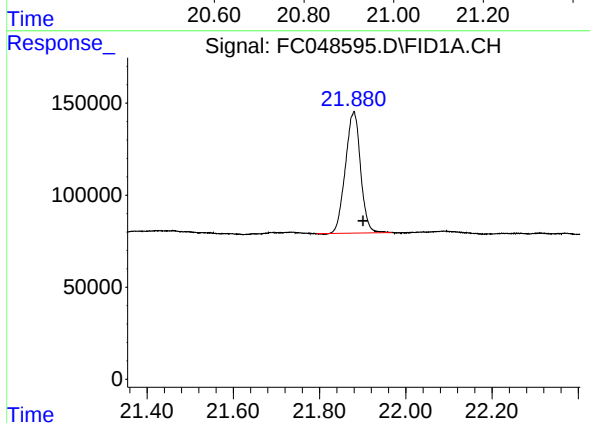
#21 n-Octatriacontane (C38)

R.T.: 20.926 min
Delta R.T.: -0.019 min
Response: 1659497
Conc: 16.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: -0.021 min
Response: 1610400
Conc: 16.57 ug/ml