

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021419AL\
 Data File : FC039188.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2019 22:06
 Operator : AJ\SJ
 Sample : K1349-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-01-021319-AMS

Manual Integrations
 APPROVED

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 2/15/2019 2:01:27 PM

Integration File: autoint1.e
 Quant Time: Feb 14 23:40:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 2019
 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)	11.211	3650683	23.350 ug/ml
Spiked Amount 50.000		Recovery =	46.70%
12) S 1-chlorooctadecane (S...	12.648	12078826	102.440 ug/mlm
Spiked Amount 50.000		Recovery =	204.88%
Target Compounds			
1) T n-Nonane (C9)	3.067	1343899	12.948 ug/ml
2) T n-Decane (C10)	4.119	1607639	15.597 ug/mlm
3) T A-Naphthalene (C11.7)	5.675	1879641	16.751 ug/ml
4) T n-Dodecane (C12)	6.119	1944640	18.405 ug/ml
5) T A~2-methylnaphthalene...	6.721	2099391	18.880 ug/ml
6) T n-Tetradecane (C14)	7.899	2254113	20.700 ug/ml
7) T n-Hexadecane (C16)	9.486	2351258	20.904 ug/ml
8) T n-Octadecane (C18)	10.917	2360655	20.163 ug/ml
10) T n-Eicosane (C20)	12.218	2243382	18.838 ug/mlm
11) T n-Heneicosane (C21)	12.827	2346776	19.941 ug/mlm
13) T n-Docosane (C22)	13.408	2366464	20.077 ug/ml
14) T n-Tetracosane (C24)	14.505	2571113	21.802 ug/ml
15) T n-Hexacosane (C26)	15.520	2325517	20.001 ug/mlm
16) T n-Octacosane (C28)	16.464	2424771	20.806 ug/mlm
17) T n-Tricontane (C30)	17.350	2225897	19.179 ug/ml
18) T n-Dotriacontane (C32)	18.178	2247510	20.666 ug/mlm
19) T n-Tetratriacontane (C34)	18.960	2378162	25.678 ug/mlm
20) T n-Hexatriacontane (C36)	19.696	2152788	27.103 ug/mlm
21) T n-Octatriacontane (C38)	20.395	1781362	24.255 ug/mlm
22) T n-Tetracontane (C40)	21.174	1567849	21.012 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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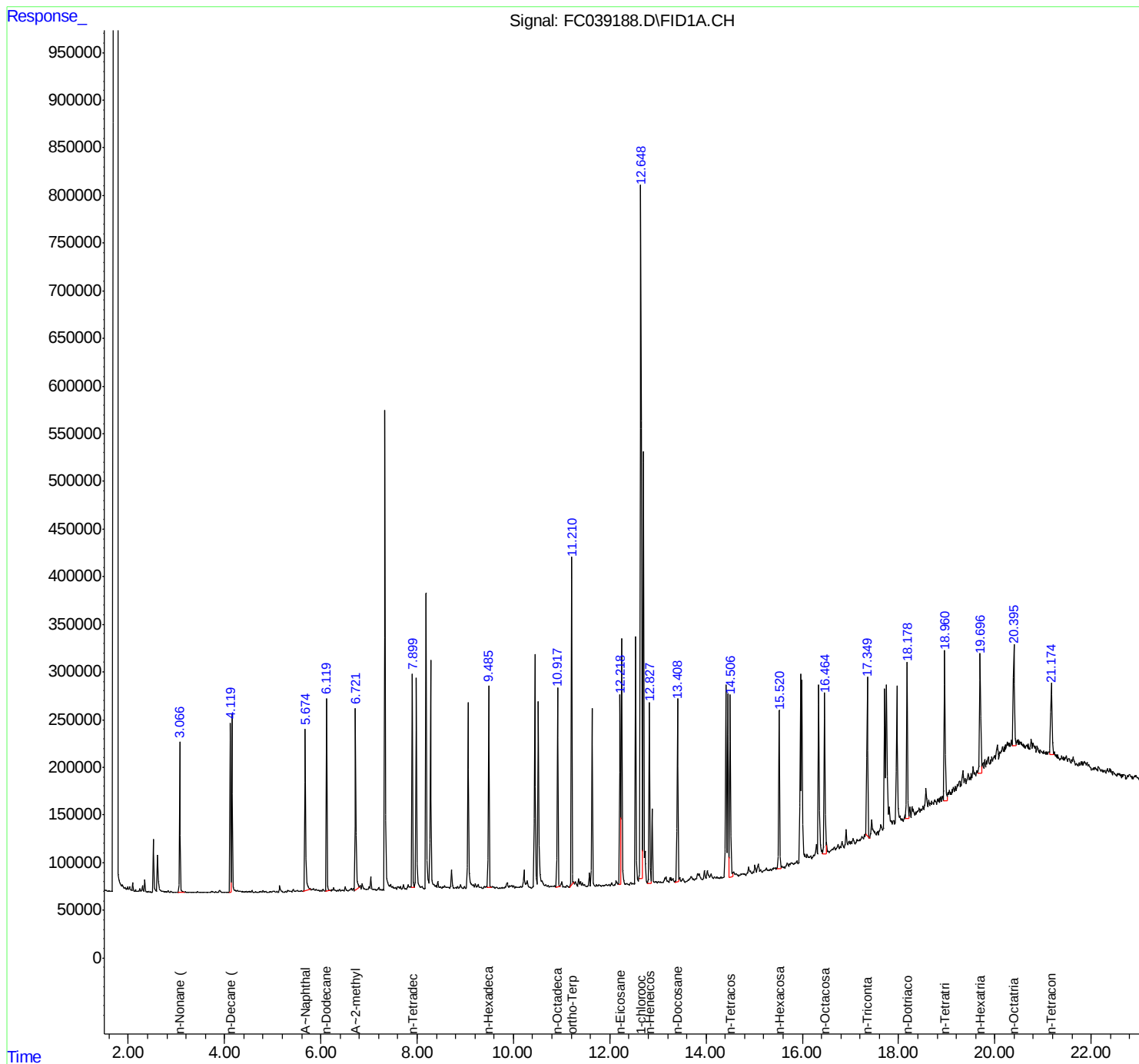
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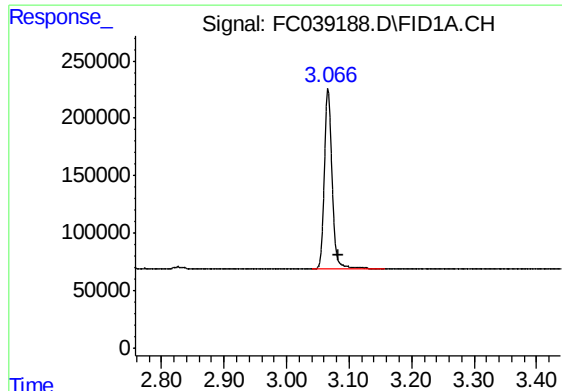
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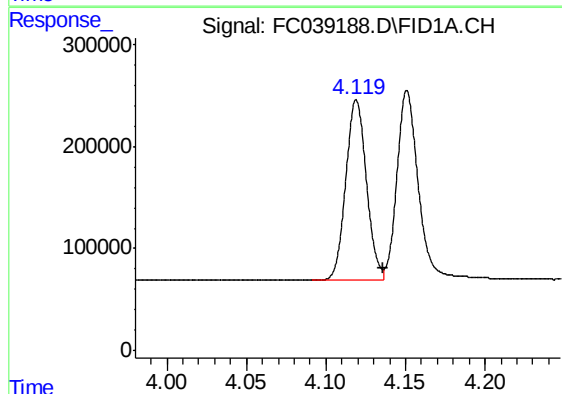
#1 n-Nonane (C9)

R.T.: 3.067 min
Delta R.T.: -0.016 min
Response: 1343899
Conc: 12.95 ug/ml

Instrument :
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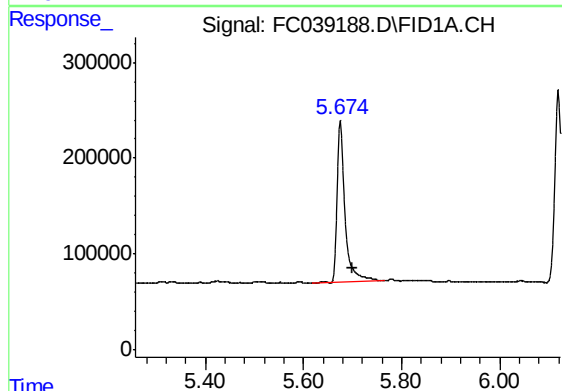
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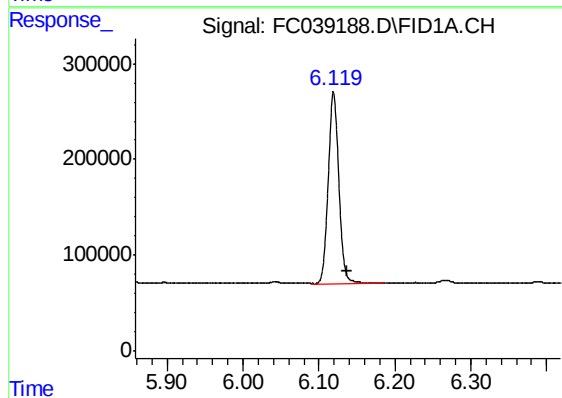
#2 n-Decane (C10)

R.T.: 4.119 min
Delta R.T.: -0.017 min
Response: 1607639
Conc: 15.60 ug/ml m



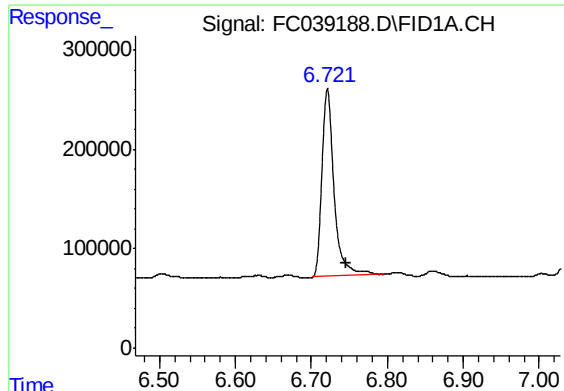
#3 A-Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.024 min
Response: 1879641
Conc: 16.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.119 min
Delta R.T.: -0.018 min
Response: 1944640
Conc: 18.41 ug/ml



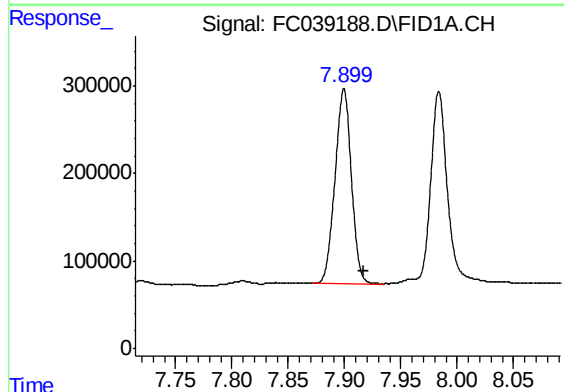
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.025 min
Response: 2099391
Conc: 18.88 ug/ml

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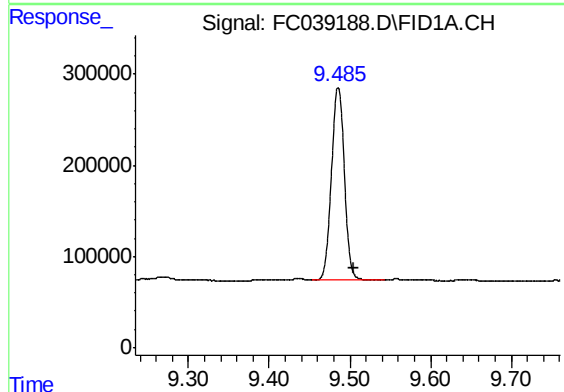
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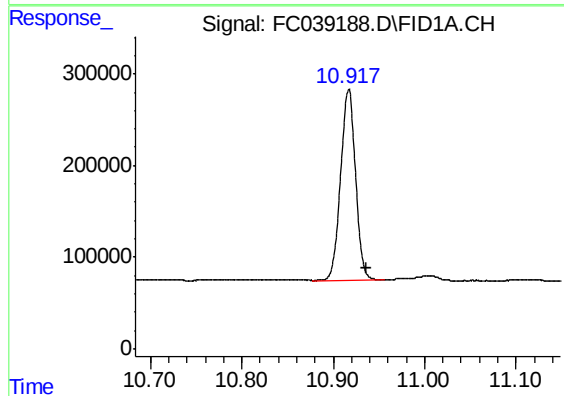
#6 n-Tetradecane (C14)

R.T.: 7.899 min
Delta R.T.: -0.018 min
Response: 2254113
Conc: 20.70 ug/ml



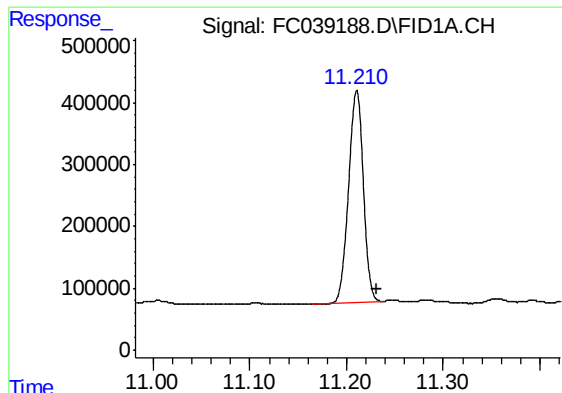
#7 n-Hexadecane (C16)

R.T.: 9.486 min
Delta R.T.: -0.019 min
Response: 2351258
Conc: 20.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.917 min
Delta R.T.: -0.019 min
Response: 2360655
Conc: 20.16 ug/ml



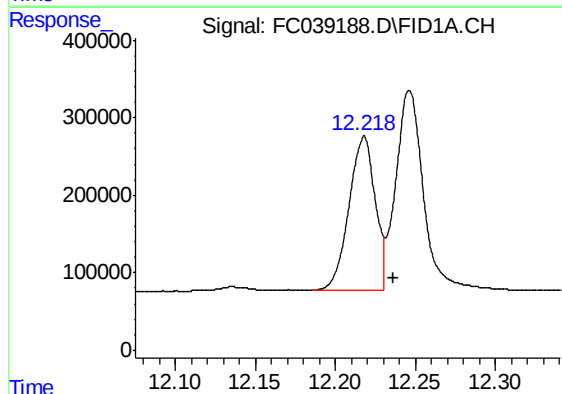
#9 ortho-Terphenyl (SURR)

R.T.: 11.211 min
Delta R.T.: -0.020 min
Response: 3650683
Conc: 23.35 ug/ml

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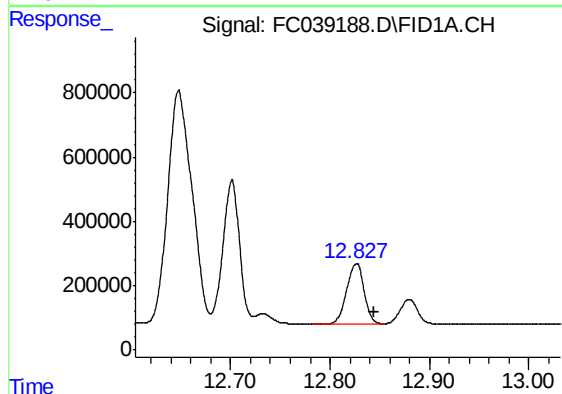
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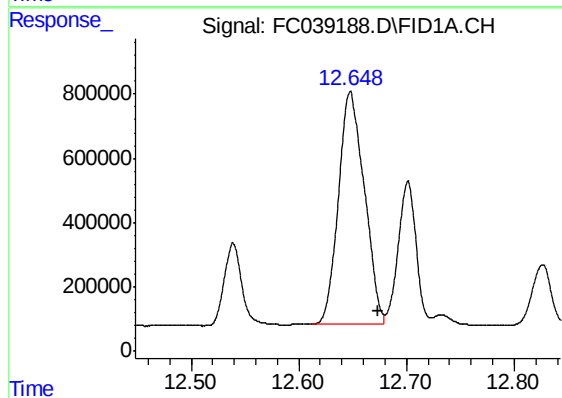
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: -0.018 min
Response: 2243382
Conc: 18.84 ug/ml m



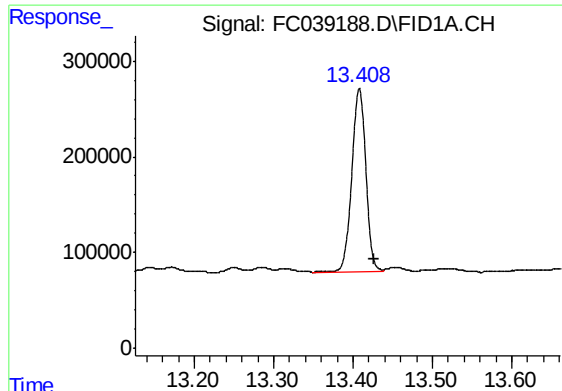
#11 n-Heneicosane (C21)

R.T.: 12.827 min
Delta R.T.: -0.017 min
Response: 2346776
Conc: 19.94 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.648 min
Delta R.T.: -0.026 min
Response: 12078826
Conc: 102.44 ug/ml m



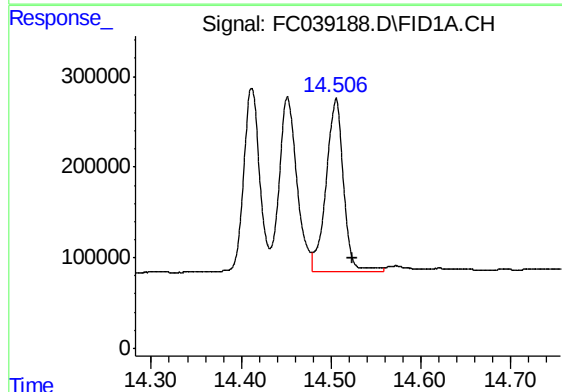
#13 n-Docosane (C22)

R.T.: 13.408 min
Delta R.T.: -0.019 min
Response: 2366464
Conc: 20.08 ug/ml

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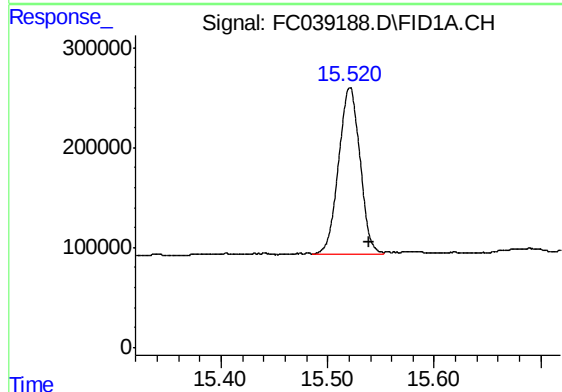
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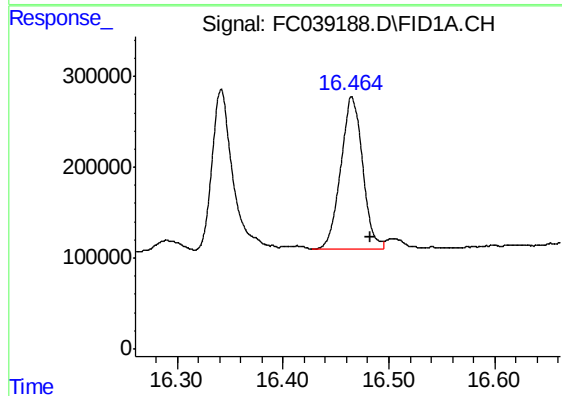
#14 n-Tetracosane (C24)

R.T.: 14.505 min
Delta R.T.: -0.019 min
Response: 2571113
Conc: 21.80 ug/ml



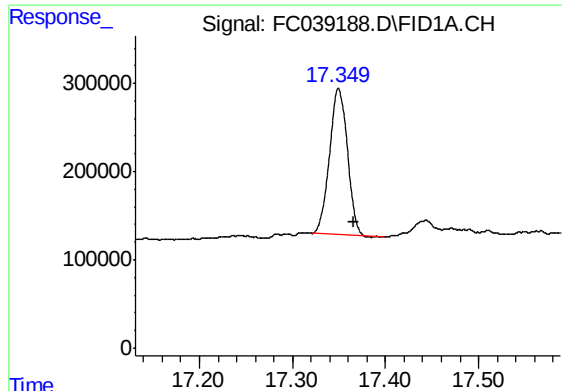
#15 n-Hexacosane (C26)

R.T.: 15.520 min
Delta R.T.: -0.019 min
Response: 2325517
Conc: 20.00 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.464 min
Delta R.T.: -0.019 min
Response: 2424771
Conc: 20.81 ug/ml m



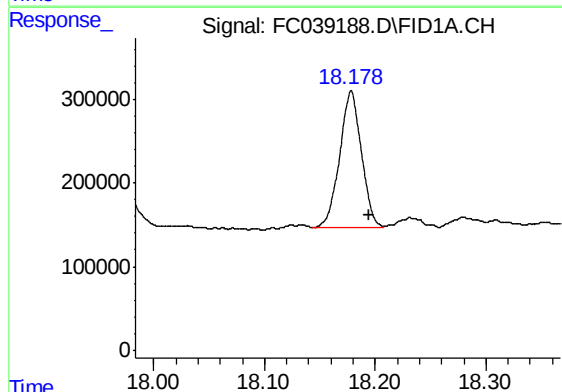
#17 n-Tricontane (C30)

R.T.: 17.350 min
Delta R.T.: -0.016 min
Response: 2225897
Conc: 19.18 ug/ml

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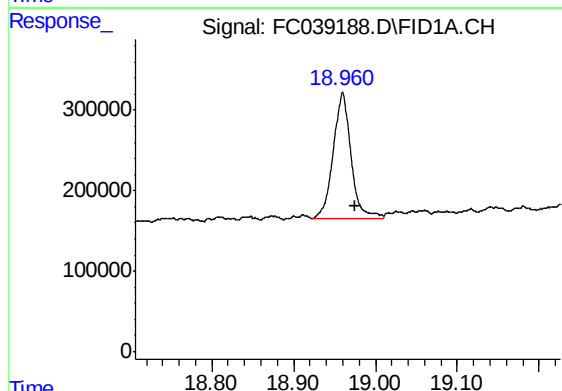
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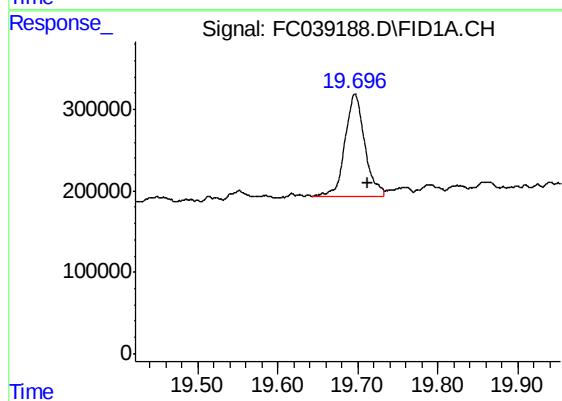
#18 n-Dotriacontane (C32)

R.T.: 18.178 min
Delta R.T.: -0.016 min
Response: 2247510
Conc: 20.67 ug/ml m



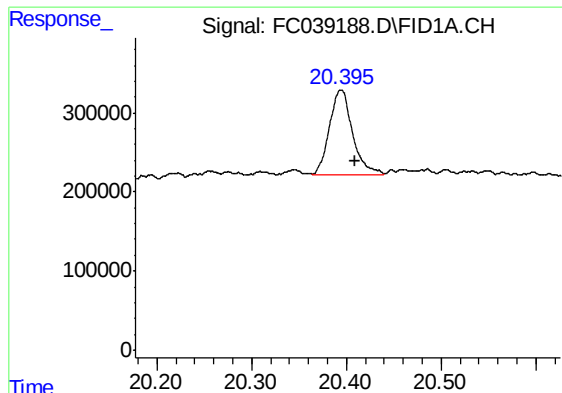
#19 n-Tetratriacontane (C34)

R.T.: 18.960 min
Delta R.T.: -0.015 min
Response: 2378162
Conc: 25.68 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.696 min
Delta R.T.: -0.016 min
Response: 2152788
Conc: 27.10 ug/ml m



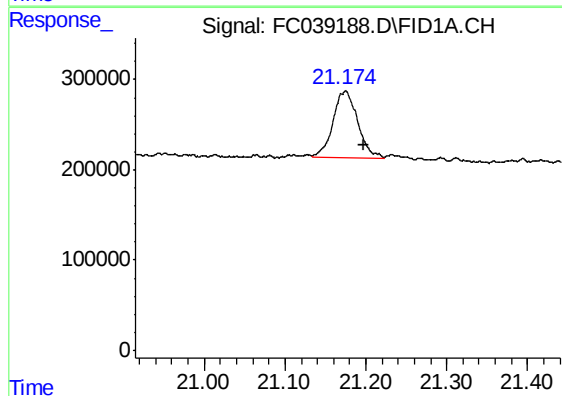
#21 n-Octatriacontane (C38)

R.T.: 20.395 min
Delta R.T.: -0.014 min
Response: 1781362
Conc: 24.26 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.174 min
Delta R.T.: -0.024 min
Response: 1567849
Conc: 21.01 ug/ml m