

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010419AL\
 Data File : FC038484.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2019 00:34
 Operator : AJ\SJ
 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

Sohil
 1/7/2019 10:32:43 AM

Integration File: autoint1.e
 Quant Time: Jan 05 01:04:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 2018
 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)	11.268	2530318	19.409 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	12.712	1950768	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T n-Nonane (C9)	3.106	2044861	19.663 ug/ml
2) T n-Decane (C10)	4.163	2128712	20.325 ug/ml
3) T A~Naphthalene (C11.7)	5.724	2415459	20.563 ug/ml
4) T n-Dodecane (C12)	6.168	2248746	20.829 ug/ml
5) T A~2-methylnaphthalene...	6.772	2408453	20.497 ug/ml
6) T n-Tetradecane (C14)	7.950	2278264	20.398 ug/mlm
7) T n-Hexadecane (C16)	9.540	2253858	19.537 ug/mlm
8) T n-Octadecane (C18)	10.972	2299194	19.020 ug/ml
10) T n-Eicosane (C20)	12.274	2294285	19.101 ug/ml
11) T n-Heneicosane (C21)	12.881	2280774	19.656 ug/ml
13) T n-Docosane (C22)	13.466	2263734	19.587 ug/ml
14) T n-Tetracosane (C24)	14.563	2238021	19.492 ug/mlm
15) T n-Hexacosane (C26)	15.578	2252024	20.020 ug/mlm
16) T n-Octacosane (C28)	16.524	2286676	20.344 ug/mlm
17) T n-Tricontane (C30)	17.409	2275641	20.735 ug/mlm
18) T n-Dotriacontane (C32)	18.238	2128110	20.777 ug/ml
19) T n-Tetratriacontane (C34)	19.019	1834199	20.813 ug/mlm
20) T n-Hexatriacontane (C36)	19.756	1631380	20.824 ug/mlm
21) T n-Octatriacontane (C38)	20.456	1551119	20.045 ug/mlm
22) T n-Tetracontane (C40)	21.256	1552328	17.764 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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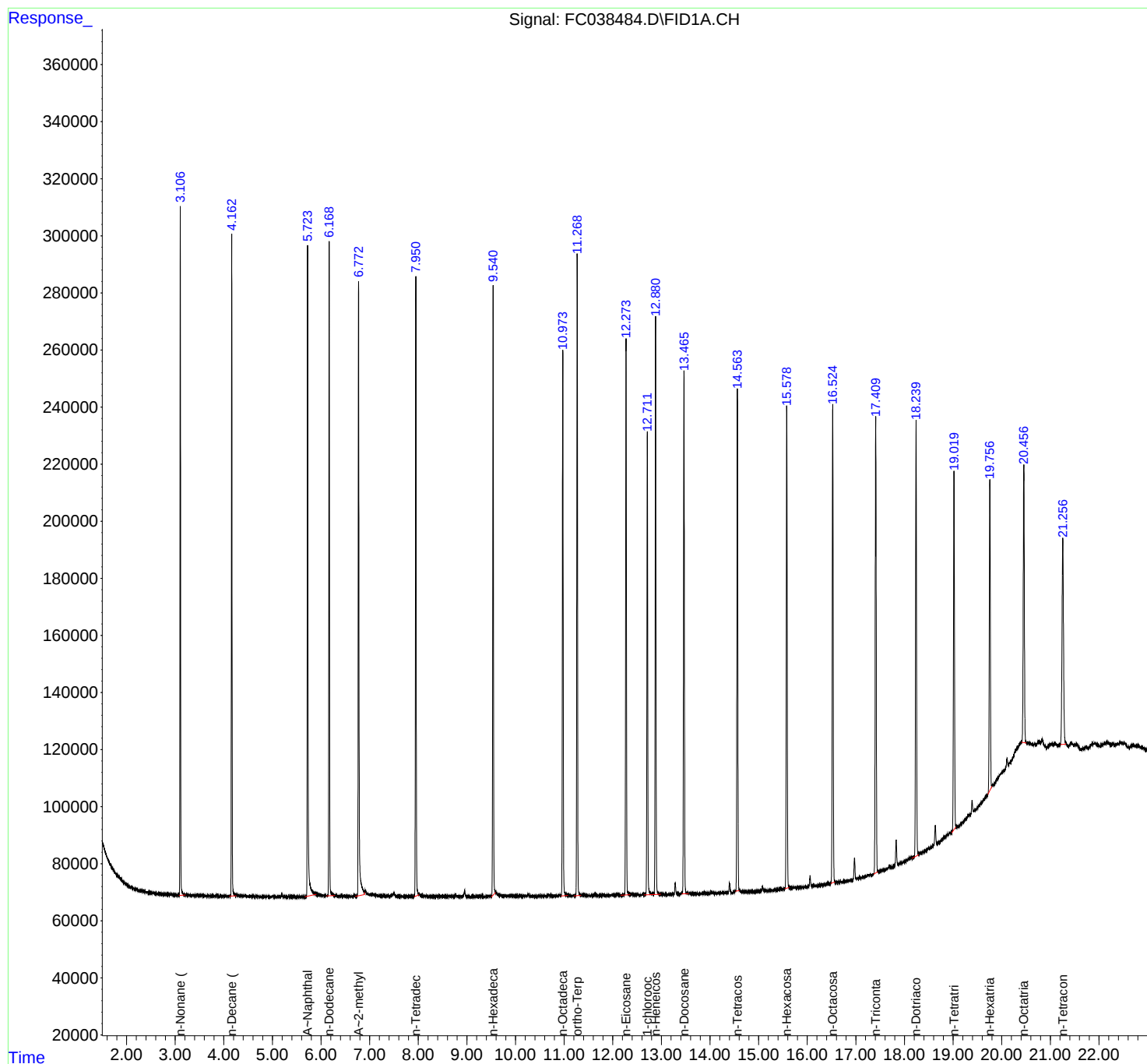
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

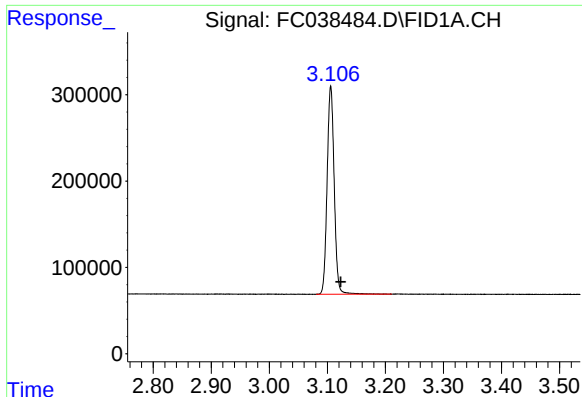
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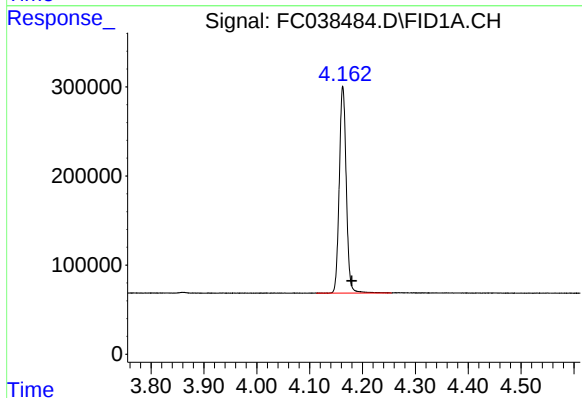
#1 n-Nonane (C9)

R.T.: 3.106 min
Delta R.T.: -0.017 min
Response: 2044861
Conc: 19.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

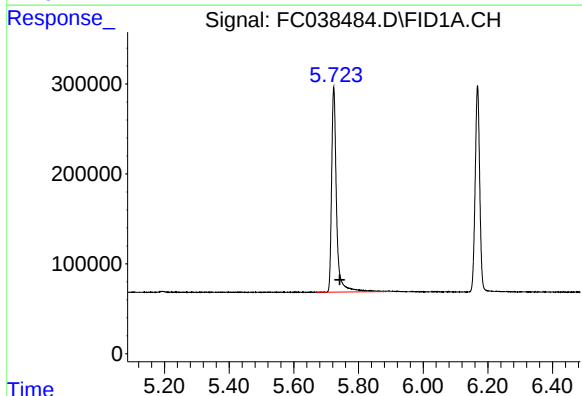
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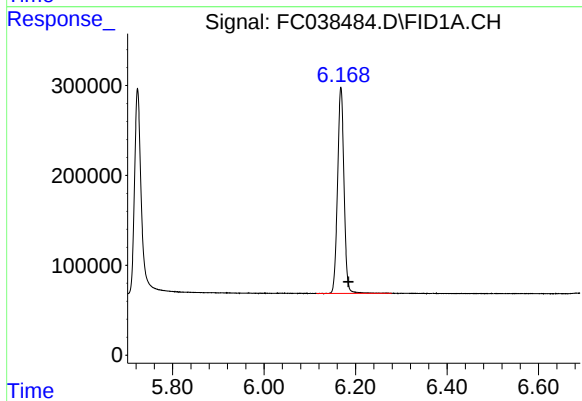
#2 n-Decane (C10)

R.T.: 4.163 min
Delta R.T.: -0.017 min
Response: 2128712
Conc: 20.33 ug/ml



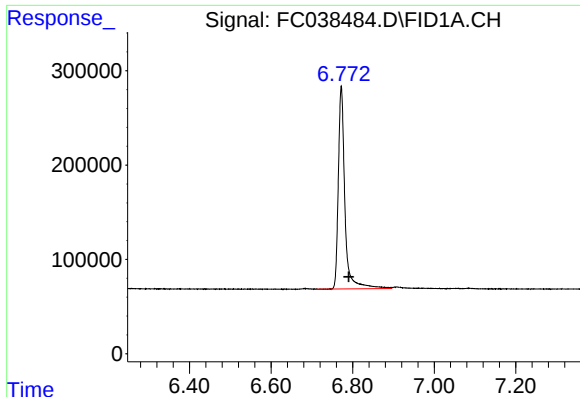
#3 A~Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: -0.019 min
Response: 2415459
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.168 min
Delta R.T.: -0.016 min
Response: 2248746
Conc: 20.83 ug/ml



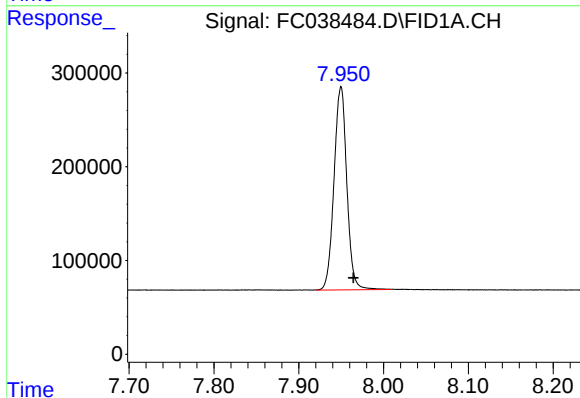
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.018 min
Response: 2408453
Conc: 20.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

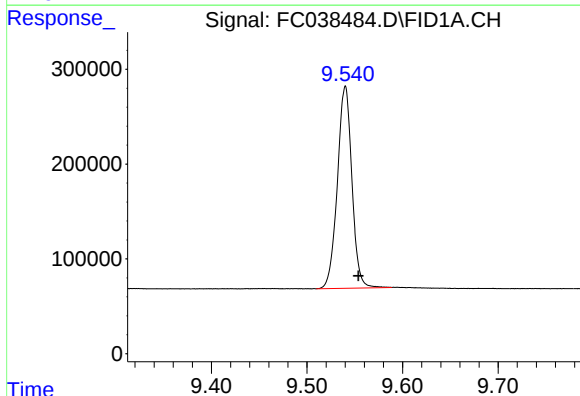
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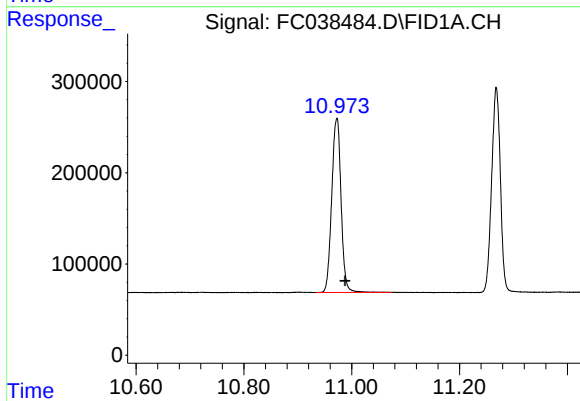
#6 n-Tetradecane (C14)

R.T.: 7.950 min
Delta R.T.: -0.015 min
Response: 2278264
Conc: 20.40 ug/ml m



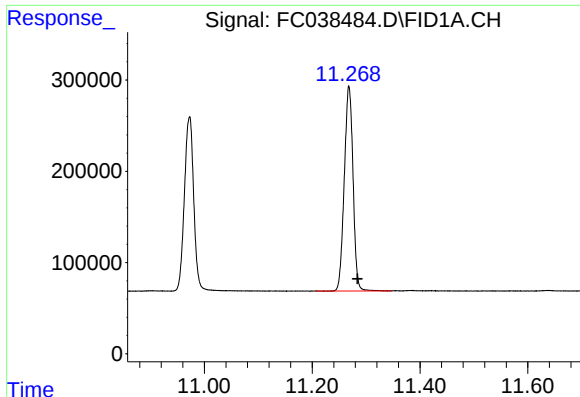
#7 n-Hexadecane (C16)

R.T.: 9.540 min
Delta R.T.: -0.014 min
Response: 2253858
Conc: 19.54 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.972 min
Delta R.T.: -0.015 min
Response: 2299194
Conc: 19.02 ug/ml



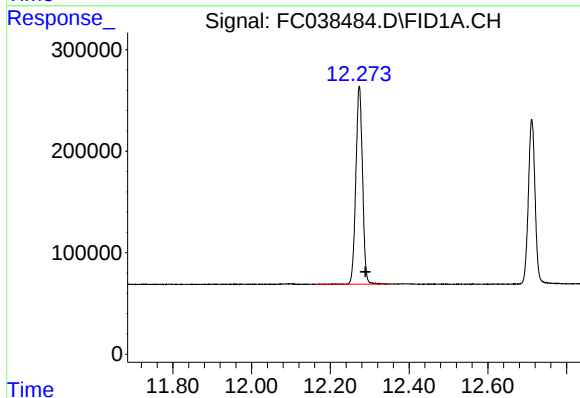
#9 ortho-Terphenyl (SURR)

R.T.: 11.268 min
Delta R.T.: -0.016 min
Response: 2530318
Conc: 19.41 ug/ml

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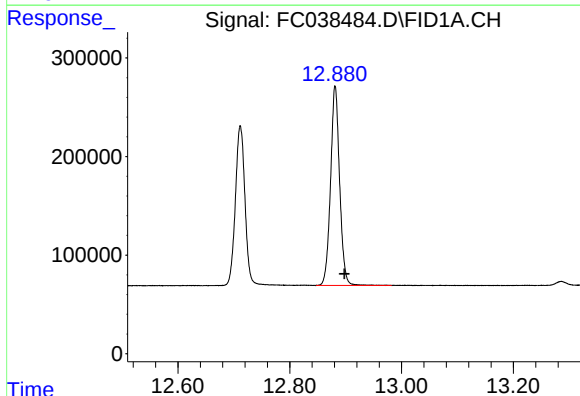
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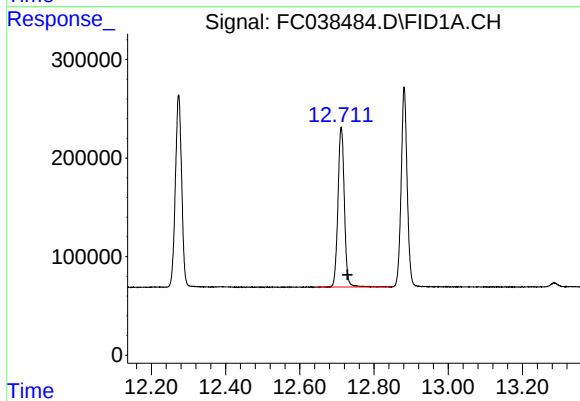
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: -0.015 min
Response: 2294285
Conc: 19.10 ug/ml



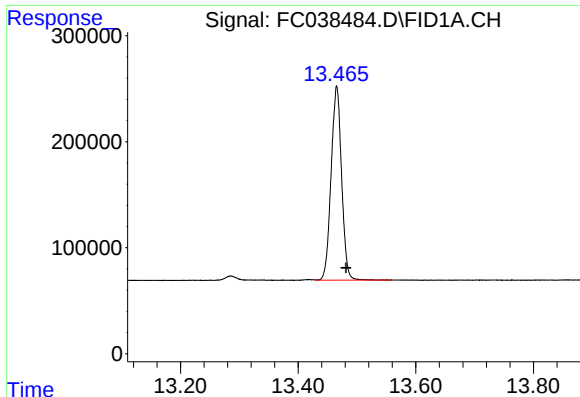
#11 n-Heneicosane (C21)

R.T.: 12.881 min
Delta R.T.: -0.016 min
Response: 2280774
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.712 min
Delta R.T.: -0.017 min
Response: 1950768
Conc: 19.35 ug/ml



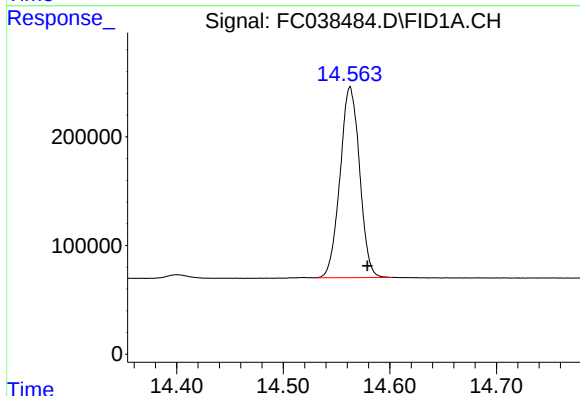
#13 n-Docosane (C22)

R.T.: 13.466 min
Delta R.T.: -0.016 min
Response: 2263734
Conc: 19.59 ug/ml

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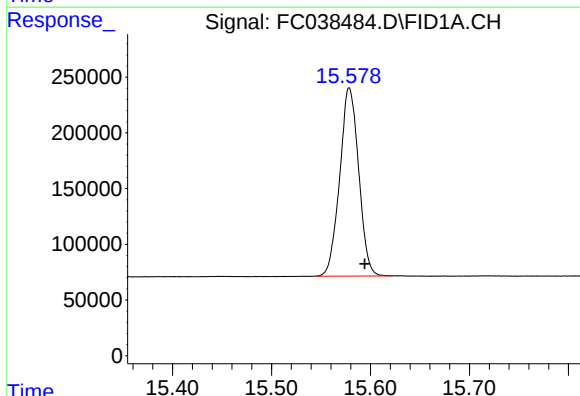
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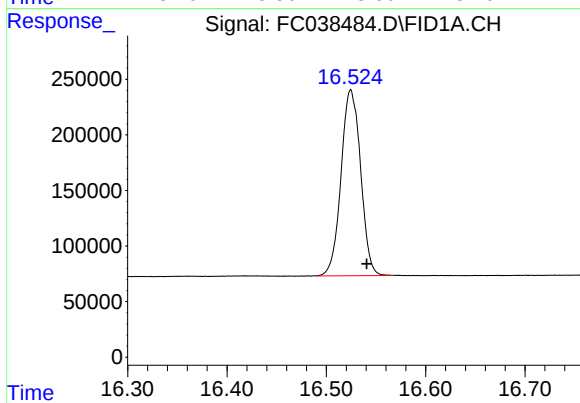
#14 n-Tetracosane (C24)

R.T.: 14.563 min
Delta R.T.: -0.016 min
Response: 2238021
Conc: 19.49 ug/ml m



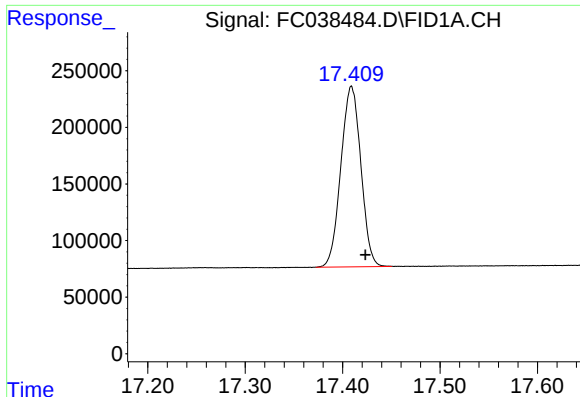
#15 n-Hexacosane (C26)

R.T.: 15.578 min
Delta R.T.: -0.016 min
Response: 2252024
Conc: 20.02 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.524 min
Delta R.T.: -0.016 min
Response: 2286676
Conc: 20.34 ug/ml m



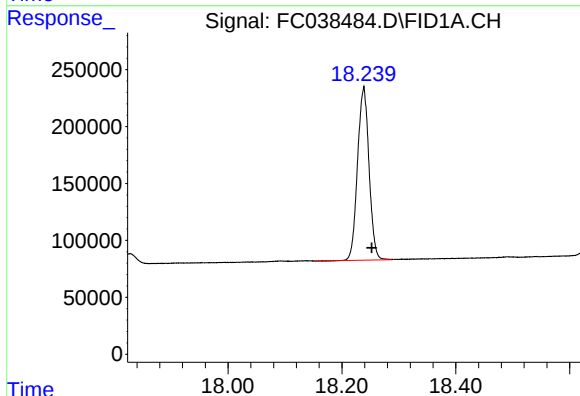
#17 n-Tricontane (C30)

R.T.: 17.409 min
Delta R.T.: -0.015 min
Response: 2275641
Conc: 20.73 ug/ml m

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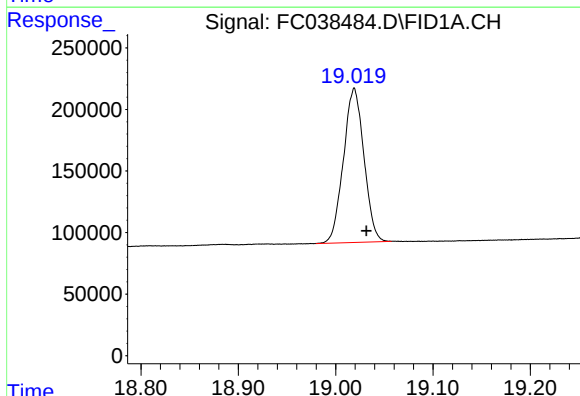
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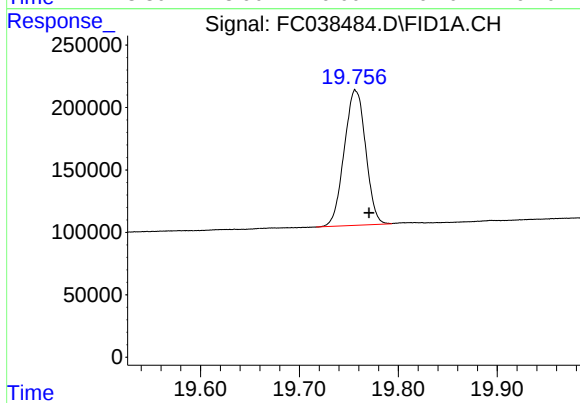
#18 n-Dotriacontane (C32)

R.T.: 18.238 min
Delta R.T.: -0.014 min
Response: 2128110
Conc: 20.78 ug/ml



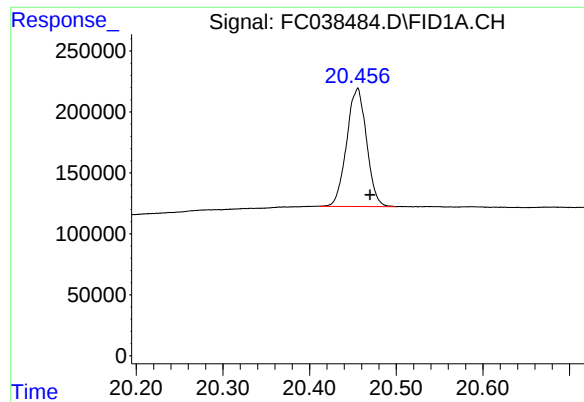
#19 n-Tetratriacontane (C34)

R.T.: 19.019 min
Delta R.T.: -0.013 min
Response: 1834199
Conc: 20.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.756 min
Delta R.T.: -0.015 min
Response: 1631380
Conc: 20.82 ug/ml m



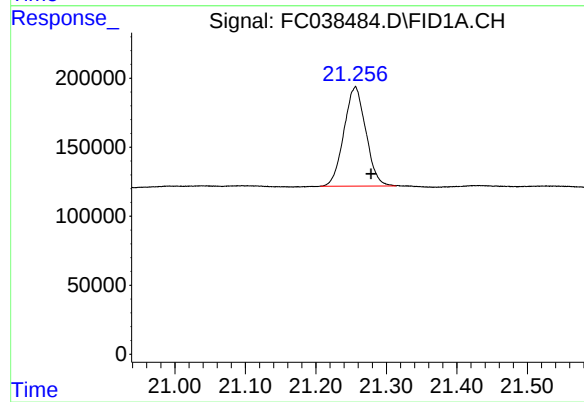
#21 n-Octatriacontane (C38)

R.T.: 20.456 min
Delta R.T.: -0.014 min
Response: 1551119
Conc: 20.04 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.256 min
Delta R.T.: -0.022 min
Response: 1552328
Conc: 17.76 ug/ml m