

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010421AL\
 Data File : FC051541.D
 Signal(s) : FID1A.CH
 Acq On : 04 Jan 2021 17:31
 Operator : DD\AJ
 Sample : L5246-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 6MS

Manual Integrations
 APPROVED

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 1/5/2021 11:11:32 AM

Integration File: autoint1.e
 Quant Time: Jan 05 02:32:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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			
12) S 1-chlorooctadecane (S...	13.003	3460477	38.360 ug/mlm
Spiked Amount 50.000		Recovery =	76.72%
Target Compounds			
1) T n-Nonane (C9)	3.323	2074121	21.023 ug/ml
2) T n-Decane (C10)	4.391	2690608	27.210 ug/ml
4) T n-Dodecane (C12)	6.411	4428964	43.324 ug/ml
6) T n-Tetradecane (C14)	8.210	5496276	54.182 ug/mlm
7) T n-Hexadecane (C16)	9.813	5801527	57.603 ug/mlm
8) T n-Octadecane (C18)	11.255	6329241	59.344 ug/mlm
10) T n-Eicosane (C20)	12.560	5560850	51.638 ug/mlm
11) T n-Heneicosane (C21)	13.170	4937444	46.031 ug/mlm
13) T n-Docosane (C22)	13.755	4624600	43.304 ug/mlm
14) T n-Tetracosane (C24)	14.855	3984331	37.644 ug/mlm
15) T n-Hexacosane (C26)	15.872	3733386	36.045 ug/ml
16) T n-Octacosane (C28)	16.821	3603033	35.388 ug/ml
17) T n-Tricontane (C30)	17.706	3523016	35.774 ug/ml
18) T n-Dotriacontane (C32)	18.536	3465985	38.257 ug/ml
19) T n-Tetratriacontane (C34)	19.319	3512904	41.330 ug/ml
20) T n-Hexatriacontane (C36)	20.056	3461537	40.823 ug/ml
21) T n-Octatriacontane (C38)	20.789	3406364	44.493 ug/ml
22) T n-Tetracontane (C40)	21.697	3477849	43.979 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 04 Jan 2021 17:31
Operator : DD\AJ
Sample : L5246-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

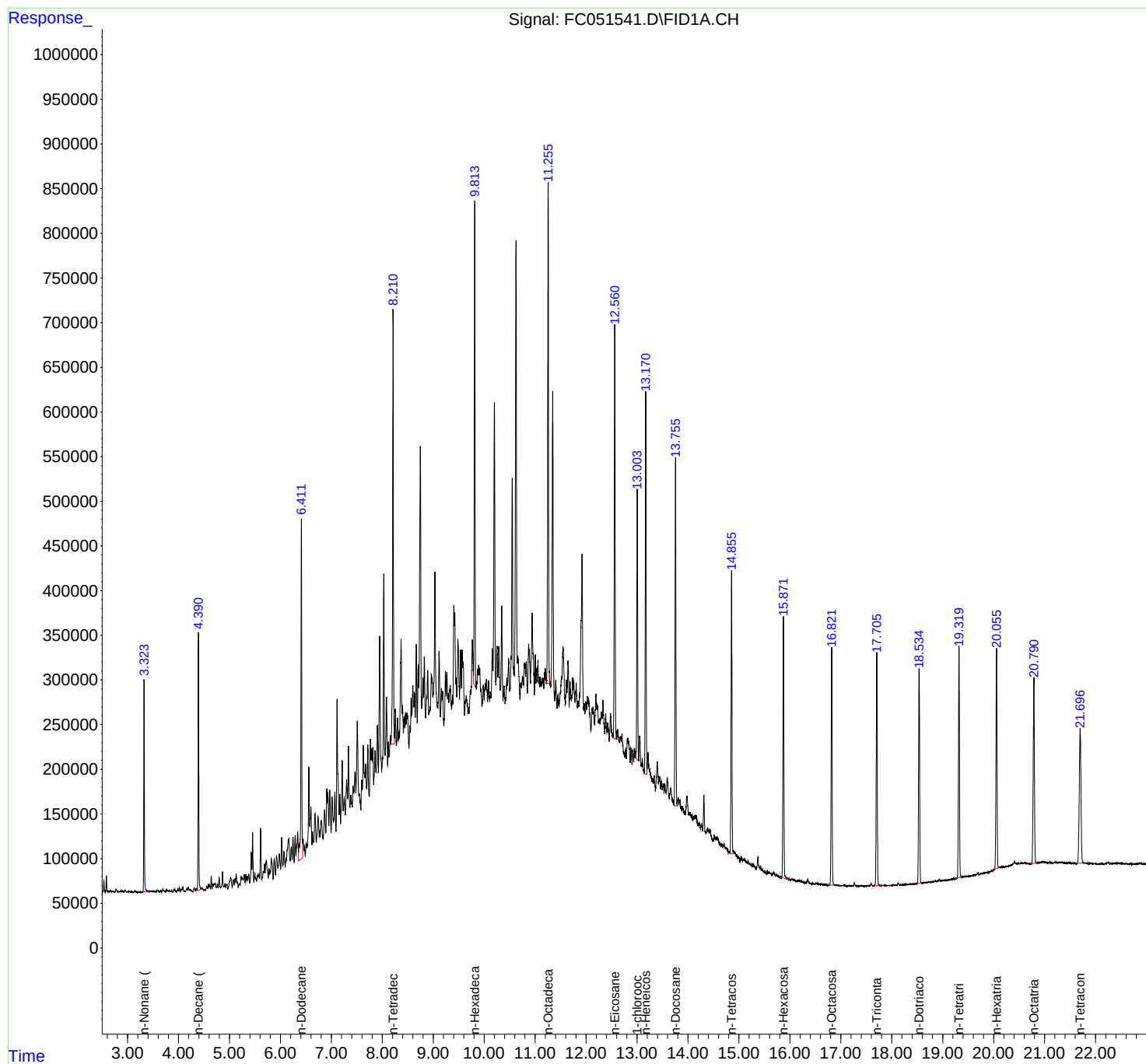
Instrument :
FID_C
ClientSampleId :
6MS

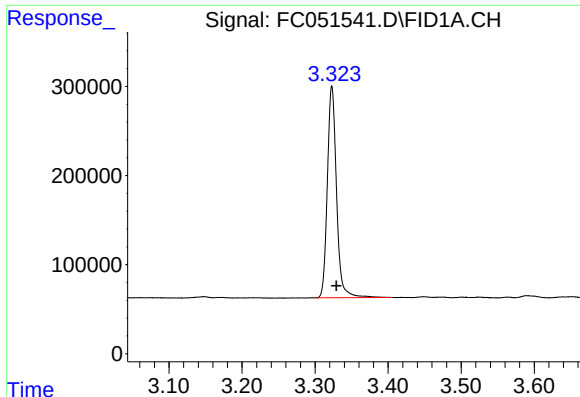
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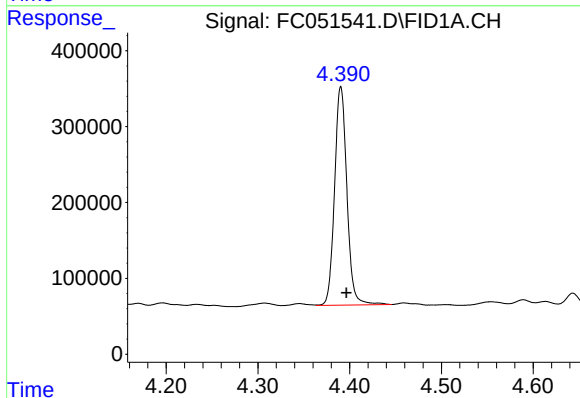
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.006 min
Response: 2074121
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

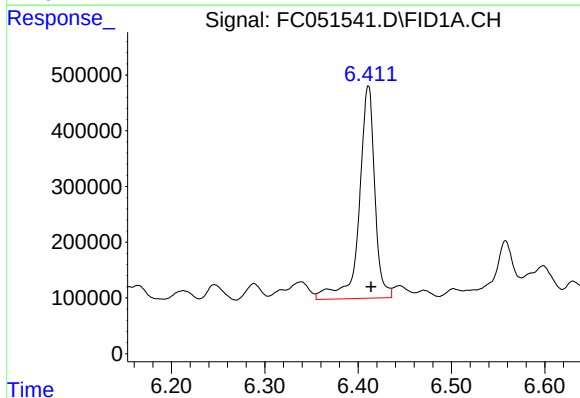
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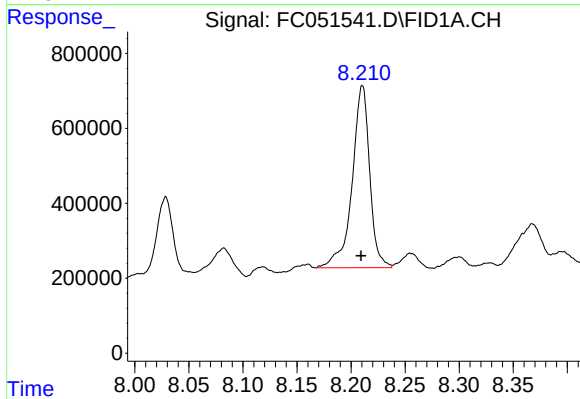
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.006 min
Response: 2690608
Conc: 27.21 ug/ml



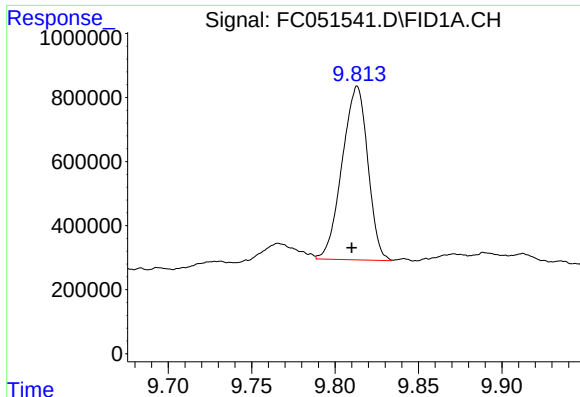
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 4428964
Conc: 43.32 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 5496276
Conc: 54.18 ug/ml m



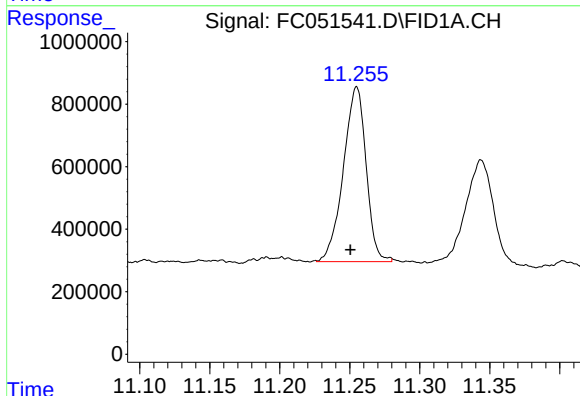
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: 0.003 min
Response: 5801527
Conc: 57.60 ug/ml m

Instrument :
FID_C
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6MS

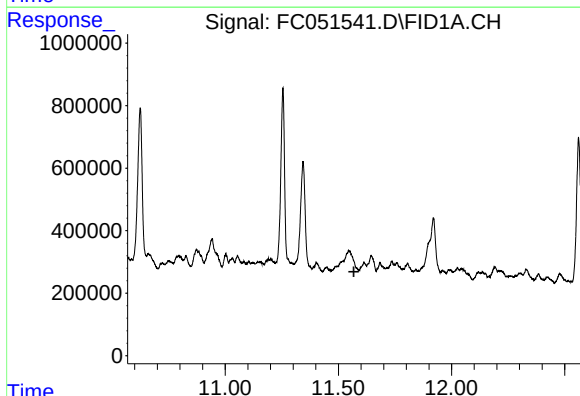
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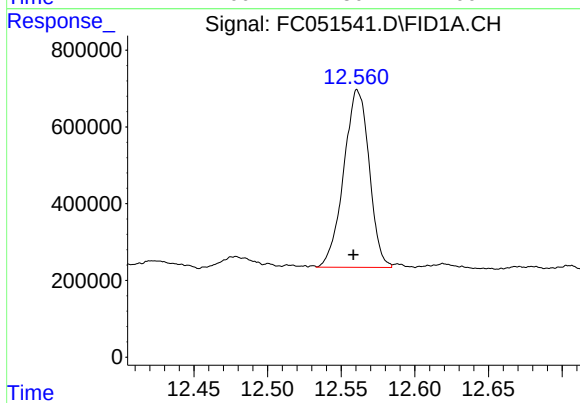
#8 n-Octadecane (C18)

R.T.: 11.255 min
Delta R.T.: 0.004 min
Response: 6329241
Conc: 59.34 ug/ml m



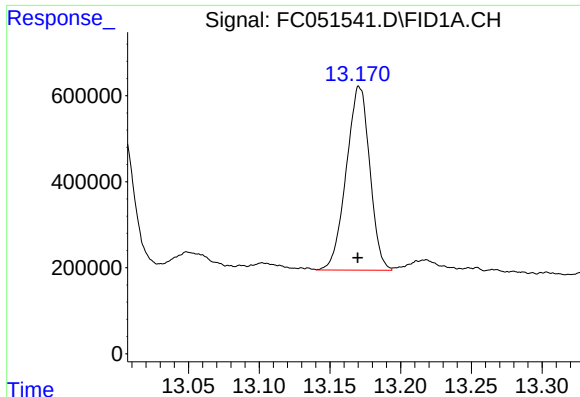
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: 0.002 min
Response: 5560850
Conc: 51.64 ug/ml m



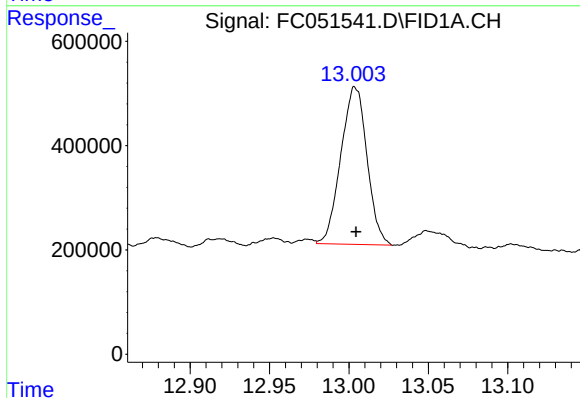
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 4937444
Conc: 46.03 ug/ml m

Instrument :
FID_C
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6MS

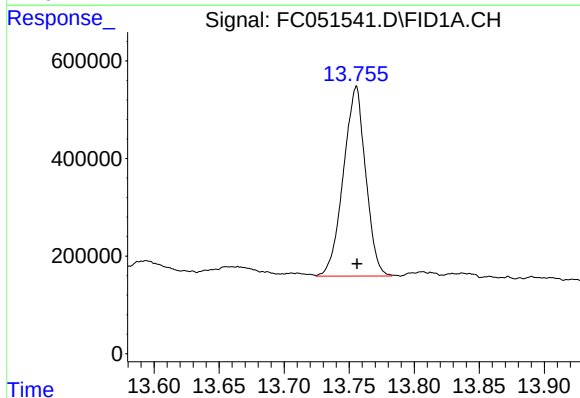
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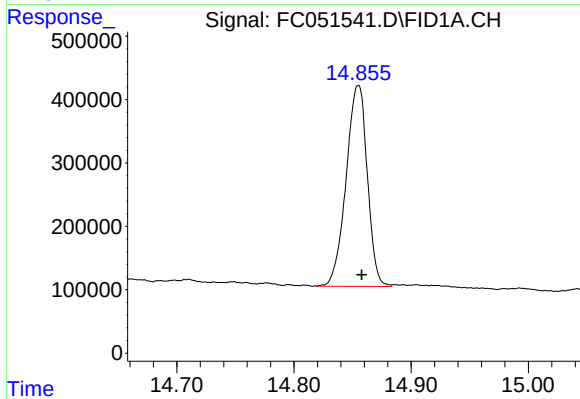
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.002 min
Response: 3460477
Conc: 38.36 ug/ml m



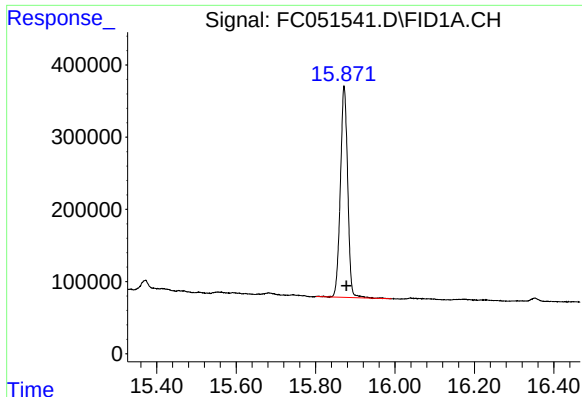
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: 0.000 min
Response: 4624600
Conc: 43.30 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.003 min
Response: 3984331
Conc: 37.64 ug/ml m



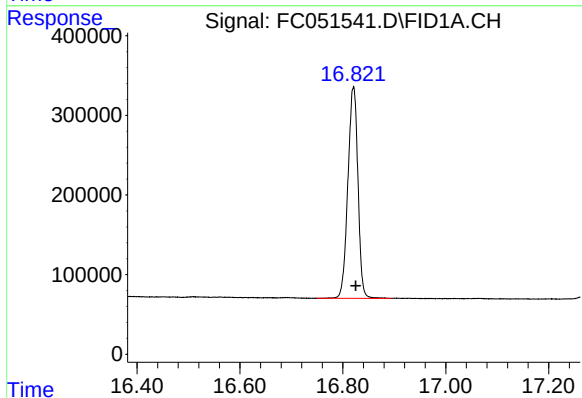
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.006 min
Response: 3733386
Conc: 36.04 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

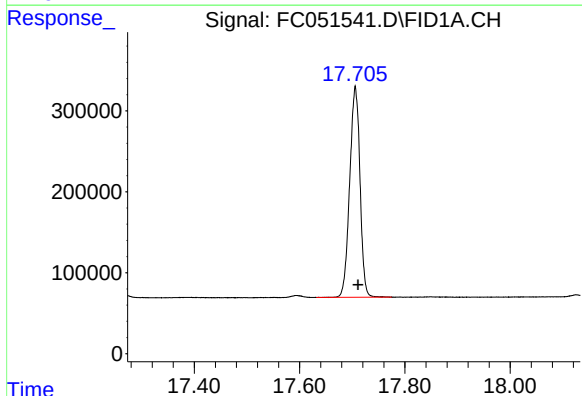
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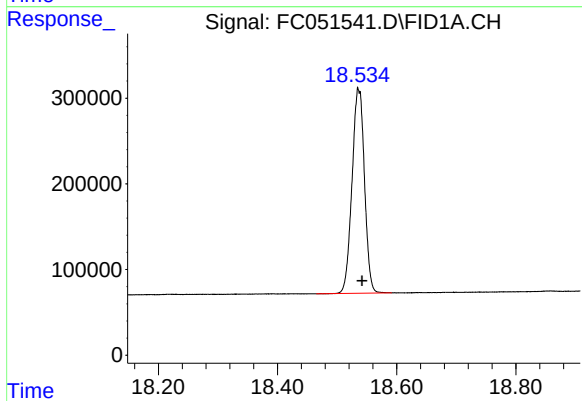
#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.004 min
Response: 3603033
Conc: 35.39 ug/ml



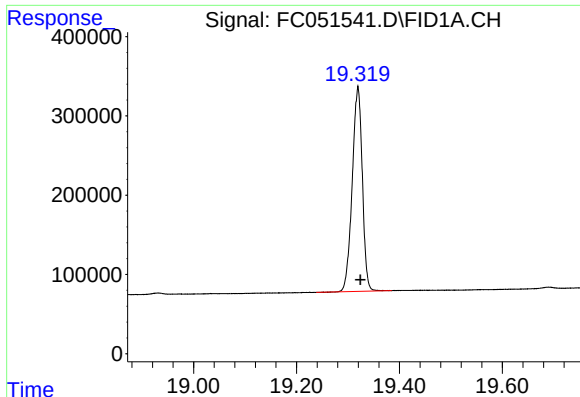
#17 n-Tricontane (C30)

R.T.: 17.706 min
Delta R.T.: -0.005 min
Response: 3523016
Conc: 35.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: -0.006 min
Response: 3465985
Conc: 38.26 ug/ml



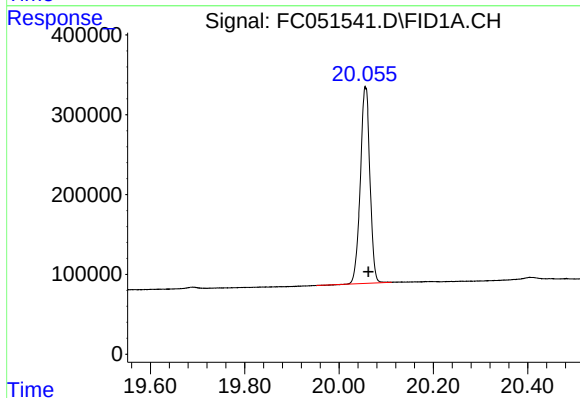
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: -0.005 min
Response: 3512904
Conc: 41.33 ug/ml

Instrument :
FID_C
ClientSampleId :
6MS

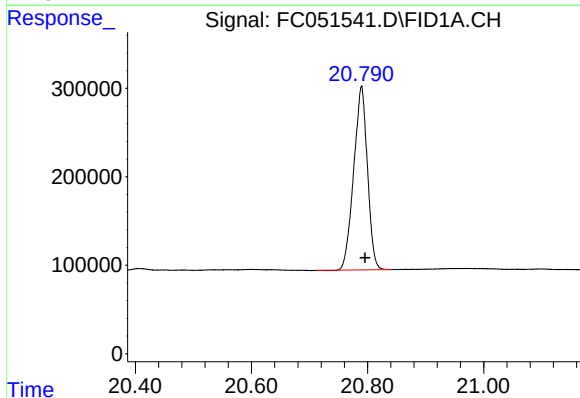
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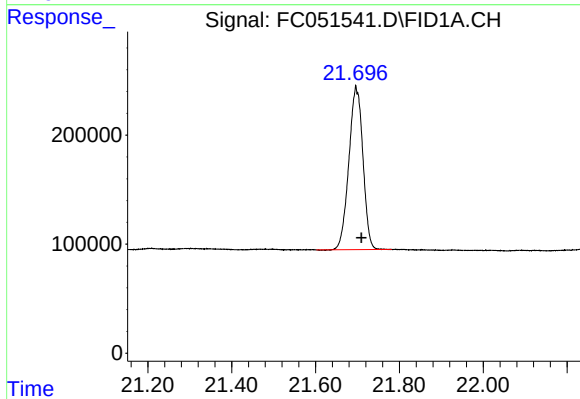
#20 n-Hexatriacontane (C36)

R.T.: 20.056 min
Delta R.T.: -0.006 min
Response: 3461537
Conc: 40.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.007 min
Response: 3406364
Conc: 44.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.012 min
Response: 3477849
Conc: 43.98 ug/ml