

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057608.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 11:42
 Operator : AJ\MA
 Sample : M5092-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PATAPSCO-FEED-CAKEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
 Quant Time: Dec 20 00:39:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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			
12) S 1-chlorooctadecane (S...	12.244	3443969	31.100 ug/mlm
Spiked Amount 50.000		Recovery =	62.20%
Target Compounds			
1) T n-Nonane (C9)	2.672	3049265	24.681 ug/mlm
2) T n-Decane (C10)	3.676	3985784	32.000 ug/ml
4) T n-Dodecane (C12)	5.665	6310234	51.097 ug/mlm
6) T n-Tetradecane (C14)	7.465	17115320	138.219 ug/mlm
7) T n-Hexadecane (C16)	9.054	6808421	54.299 ug/ml
8) T n-Octadecane (C18)	10.494	6214195	48.009 ug/ml
10) T n-Eicosane (C20)	11.801	5811555	44.735 ug/mlm
11) T n-Heneicosane (C21)	12.413	5716365	43.556 ug/mlm
13) T n-Docosane (C22)	12.999	5613625	42.709 ug/mlm
14) T n-Tetracosane (C24)	14.101	5672258	42.648 ug/mlm
15) T n-Hexacosane (C26)	15.124	5646712	43.063 ug/mlm
16) T n-Octacosane (C28)	16.072	5582811	42.454 ug/ml
17) T n-Tricontane (C30)	16.961	5416499	39.632 ug/ml
18) T n-Dotriacontane (C32)	17.792	5118452	38.175 ug/ml
19) T n-Tetratriacontane (C34)	18.573	4783113	36.682 ug/mlm
20) T n-Hexatriacontane (C36)	19.314	3947791	33.247 ug/mlm
21) T n-Octatriacontane (C38)	20.035	3677353	33.482 ug/mlm
22) T n-Tetracontane (C40)	20.906	3617317	36.230 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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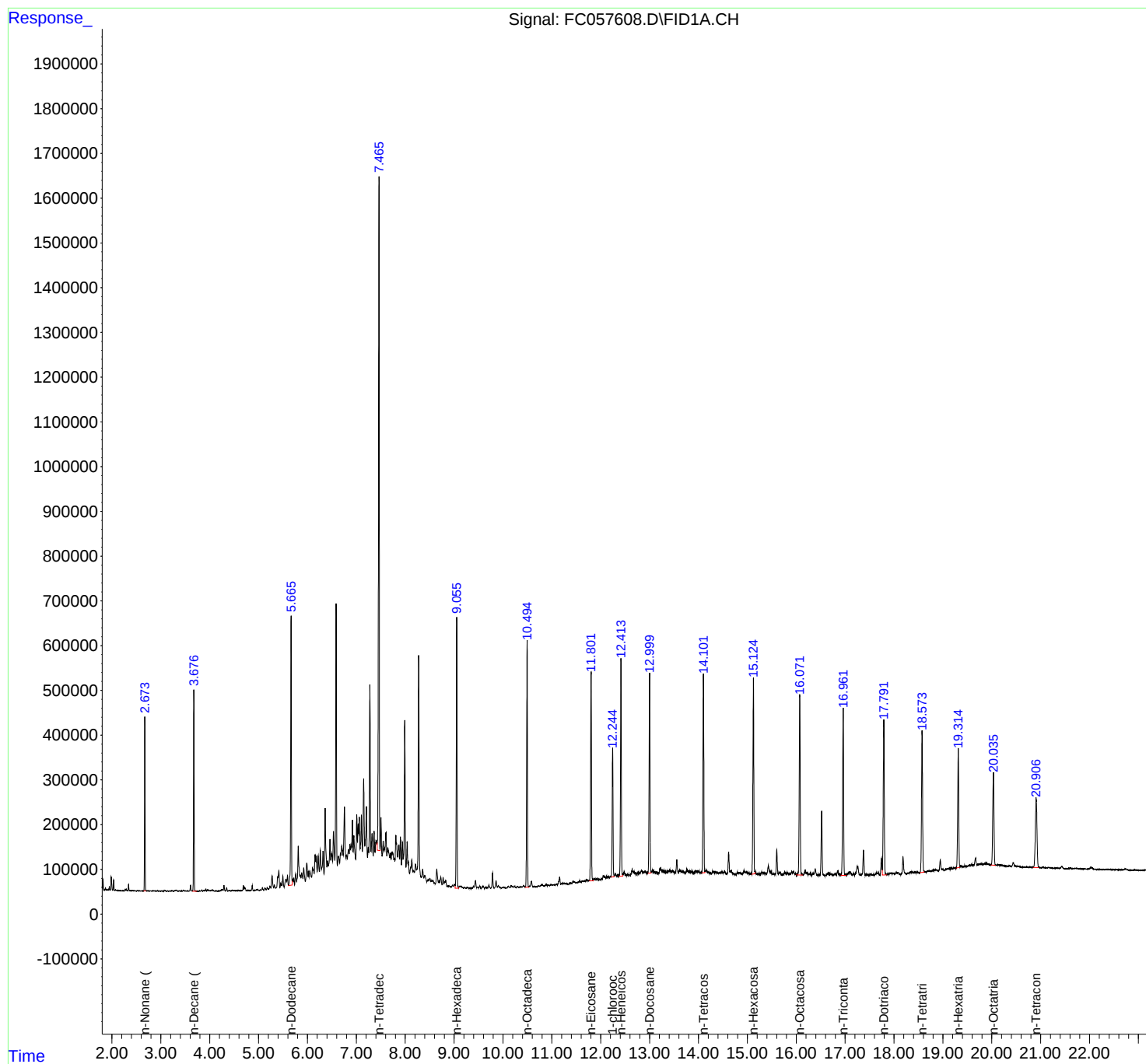
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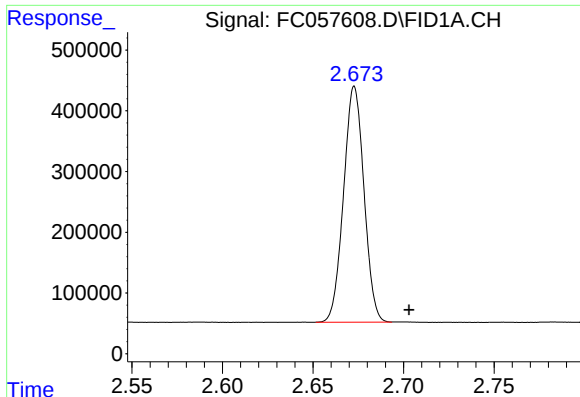
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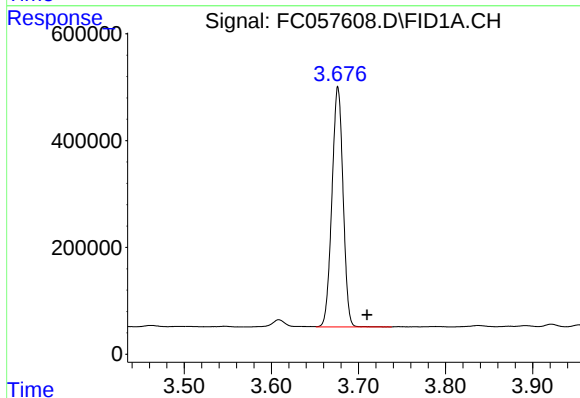
#1 n-Nonane (C9)

R.T.: 2.672 min
Delta R.T.: -0.030 min
Response: 3049265
Conc: 24.68 ug/ml

Instrument :
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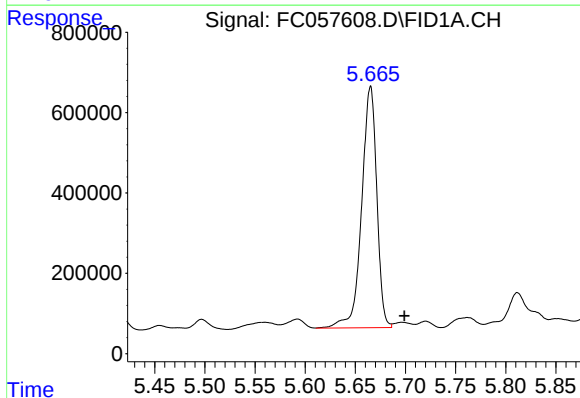
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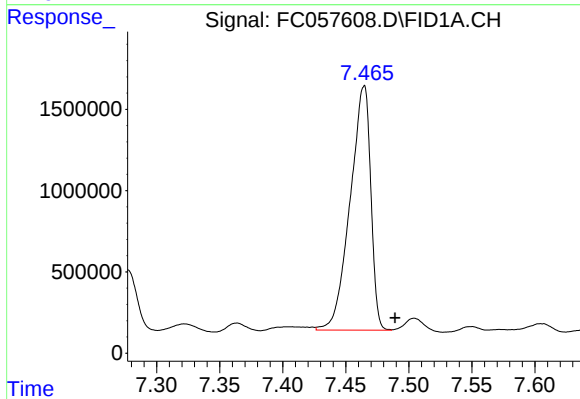
#2 n-Decane (C10)

R.T.: 3.676 min
Delta R.T.: -0.034 min
Response: 3985784
Conc: 32.00 ug/ml



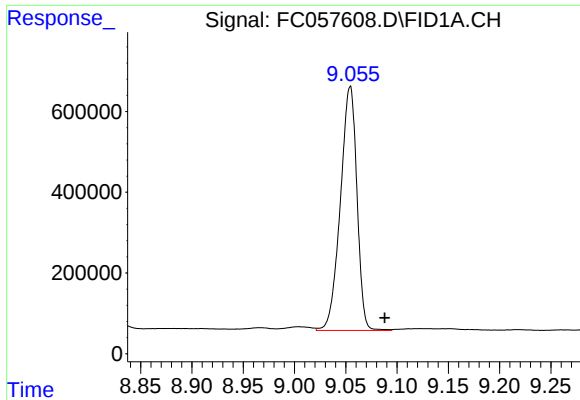
#4 n-Dodecane (C12)

R.T.: 5.665 min
Delta R.T.: -0.034 min
Response: 6310234
Conc: 51.10 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.465 min
Delta R.T.: -0.024 min
Response: 17115320
Conc: 138.22 ug/ml m



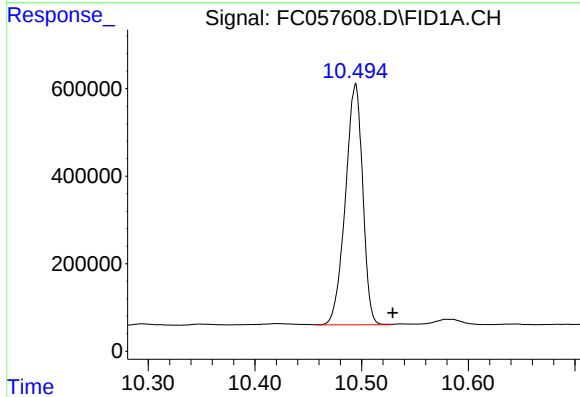
#7 n-Hexadecane (C16)

R.T.: 9.054 min
Delta R.T.: -0.034 min
Response: 6808421
Conc: 54.30 ug/ml

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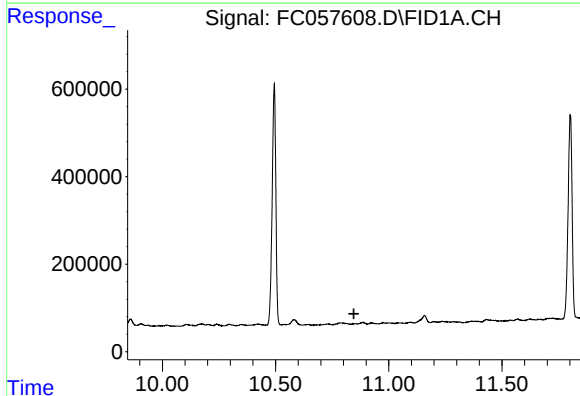
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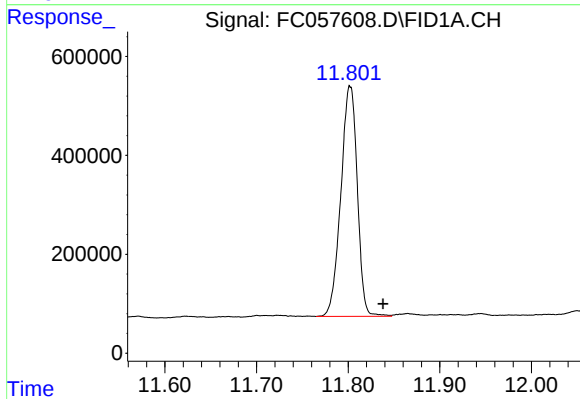
#8 n-Octadecane (C18)

R.T.: 10.494 min
Delta R.T.: -0.035 min
Response: 6214195
Conc: 48.01 ug/ml



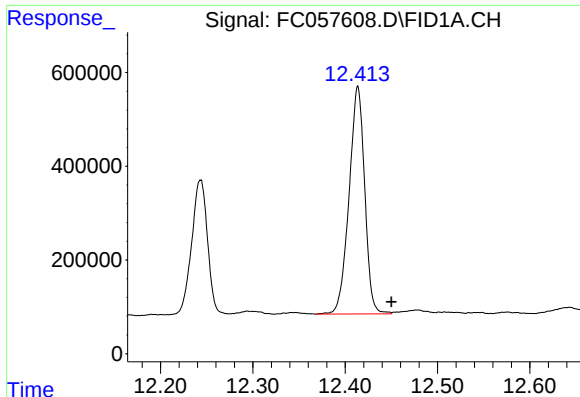
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.801 min
Delta R.T.: -0.037 min
Response: 5811555
Conc: 44.73 ug/ml m



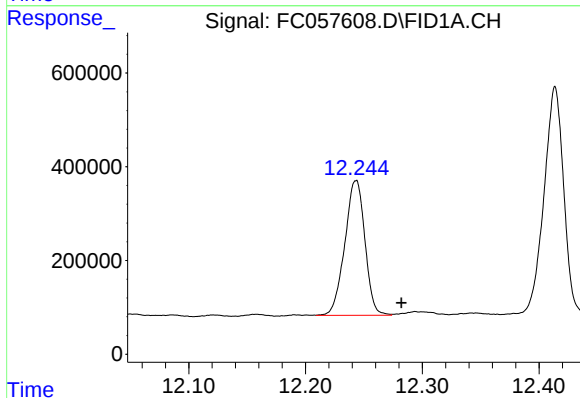
#11 n-Heneicosane (C21)

R.T.: 12.413 min
Delta R.T.: -0.037 min
Response: 5716365
Conc: 43.56 ug/ml

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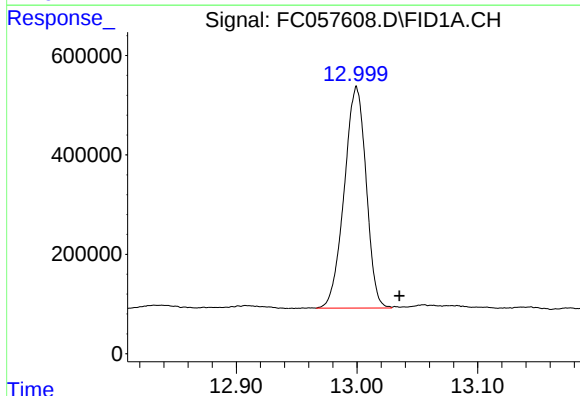
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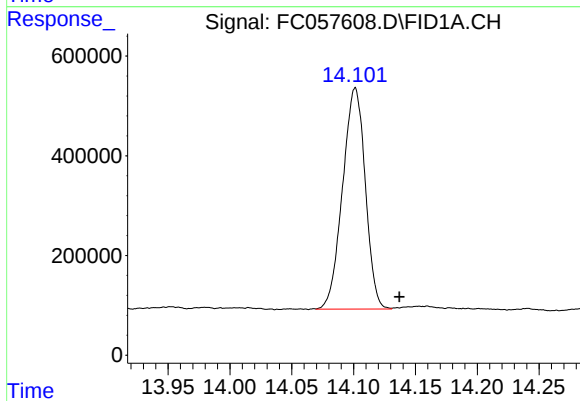
#12 1-chlorooctadecane (SURR)

R.T.: 12.244 min
Delta R.T.: -0.038 min
Response: 3443969
Conc: 31.10 ug/ml m



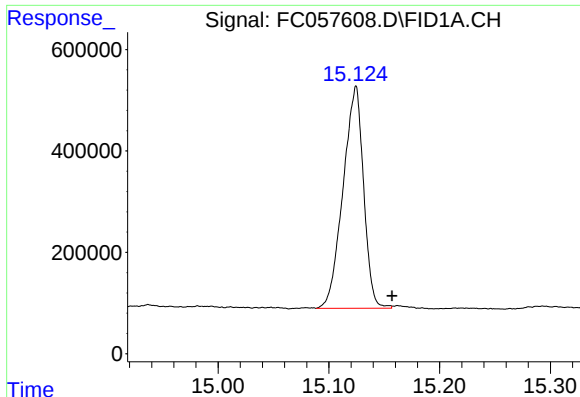
#13 n-Docosane (C22)

R.T.: 12.999 min
Delta R.T.: -0.036 min
Response: 5613625
Conc: 42.71 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.101 min
Delta R.T.: -0.036 min
Response: 5672258
Conc: 42.65 ug/ml m



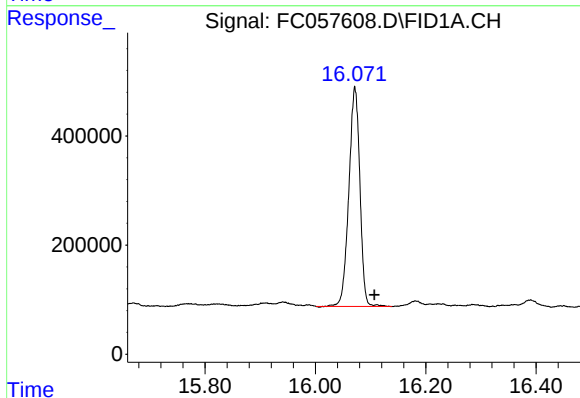
#15 n-Hexacosane (C26)

R.T.: 15.124 min
Delta R.T.: -0.033 min
Response: 5646712
Conc: 43.06 ug/ml

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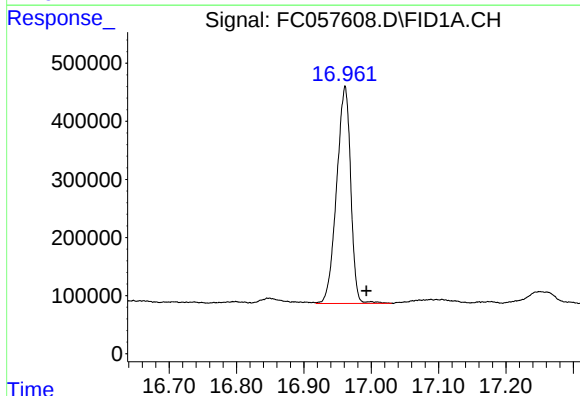
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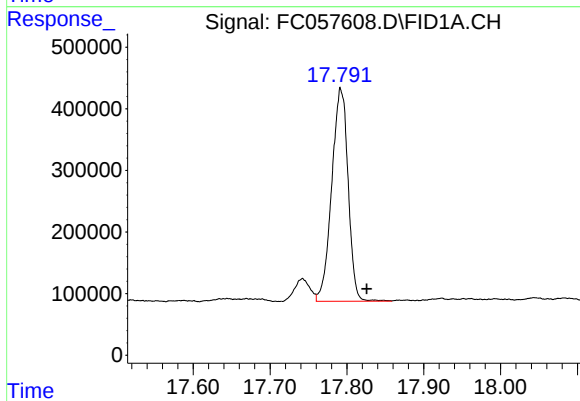
#16 n-Octacosane (C28)

R.T.: 16.072 min
Delta R.T.: -0.035 min
Response: 5582811
Conc: 42.45 ug/ml



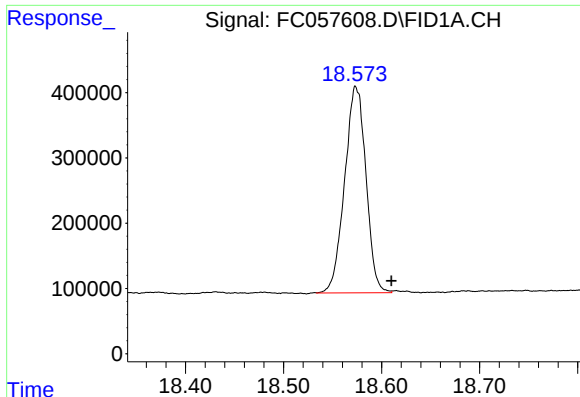
#17 n-Tricontane (C30)

R.T.: 16.961 min
Delta R.T.: -0.032 min
Response: 5416499
Conc: 39.63 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.792 min
Delta R.T.: -0.034 min
Response: 5118452
Conc: 38.17 ug/ml



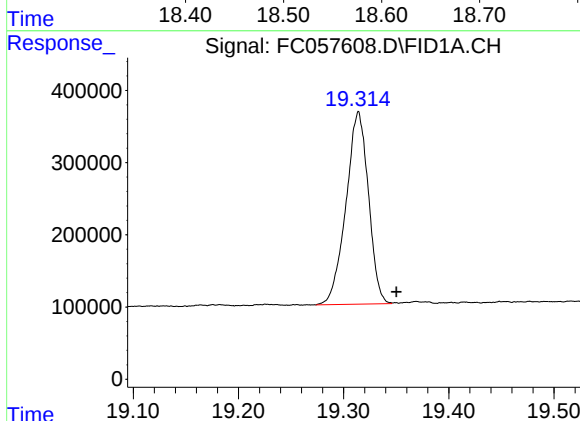
#19 n-Tetratriacontane (C34)

R.T.: 18.573 min
Delta R.T.: -0.037 min
Response: 4783113
Conc: 36.68 ug/ml

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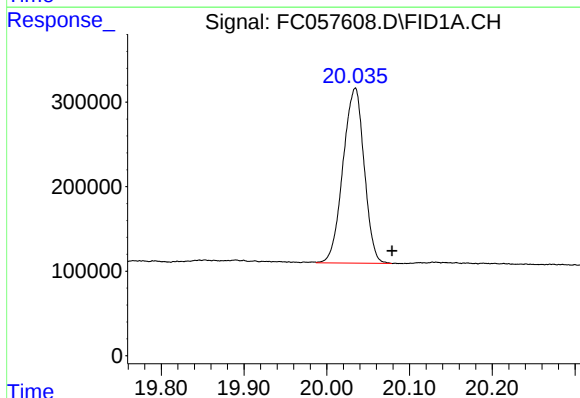
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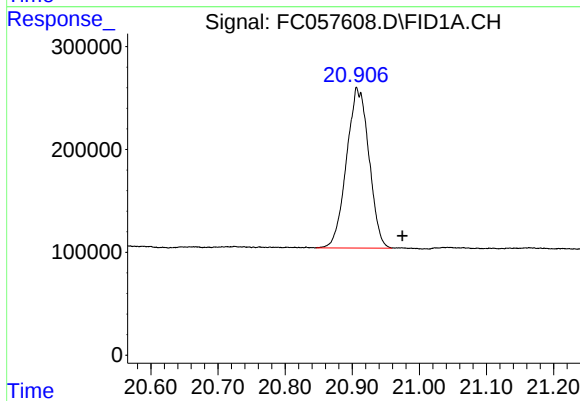
#20 n-Hexatriacontane (C36)

R.T.: 19.314 min
Delta R.T.: -0.036 min
Response: 3947791
Conc: 33.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.035 min
Delta R.T.: -0.044 min
Response: 3677353
Conc: 33.48 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.906 min
Delta R.T.: -0.069 min
Response: 3617317
Conc: 36.23 ug/ml m