

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070921AL\
 Data File : FC054619.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jul 2021 15:21
 Operator : DD\AJ
 Sample : PB137594BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB137594BSD

Manual Integrations
 APPROVED

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 7/12/2021 2:17:34 PM

Integration File: autoint1.e
 Quant Time: Jul 09 23:19:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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			
9) S ortho-Terphenyl (SURR)	11.328	5514617	38.953 ug/ml
Spiked Amount 50.000		Recovery =	77.91%
12) S 1-chlorooctadecane (S...	12.771	4431645	39.755 ug/ml
Spiked Amount 50.000		Recovery =	79.51%
Target Compounds			
1) T n-Nonane (C9)	3.150	4483684	38.128 ug/ml
2) T n-Decane (C10)	4.200	4782367	40.276 ug/ml
3) T A~Naphthalene (C11.7)	5.761	5346710	40.668 ug/ml
4) T n-Dodecane (C12)	6.202	5055096	42.177 ug/ml
5) T A~2-methylnaphthalene...	6.813	5130176	38.859 ug/ml
6) T n-Tetradecane (C14)	7.992	5191516	42.610 ug/ml
7) T n-Hexadecane (C16)	9.586	5256171	42.198 ug/ml
8) T n-Octadecane (C18)	11.025	5464125	42.305 ug/ml
10) T n-Eicosane (C20)	12.331	5339814	41.037 ug/ml
11) T n-Heneicosane (C21)	12.941	5348731	40.286 ug/ml
13) T n-Docosane (C22)	13.526	5362075	40.474 ug/ml
14) T n-Tetracosane (C24)	14.627	5100243	37.676 ug/mlm
15) T n-Hexacosane (C26)	15.649	5153385	38.030 ug/ml
16) T n-Octacosane (C28)	16.595	5103861	37.185 ug/ml
17) T n-Tricontane (C30)	17.483	4770203	34.441 ug/ml
18) T n-Dotriacontane (C32)	18.313	4527518	33.093 ug/ml
19) T n-Tetratriacontane (C34)	19.096	4275904	31.646 ug/mlm
20) T n-Hexatriacontane (C36)	19.835	3943197	31.944 ug/ml
21) T n-Octatriacontane (C38)	20.540	3746142	33.117 ug/mlm
22) T n-Tetracontane (C40)	21.359	3779810	33.441 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 5 Sample Multiplier: 1

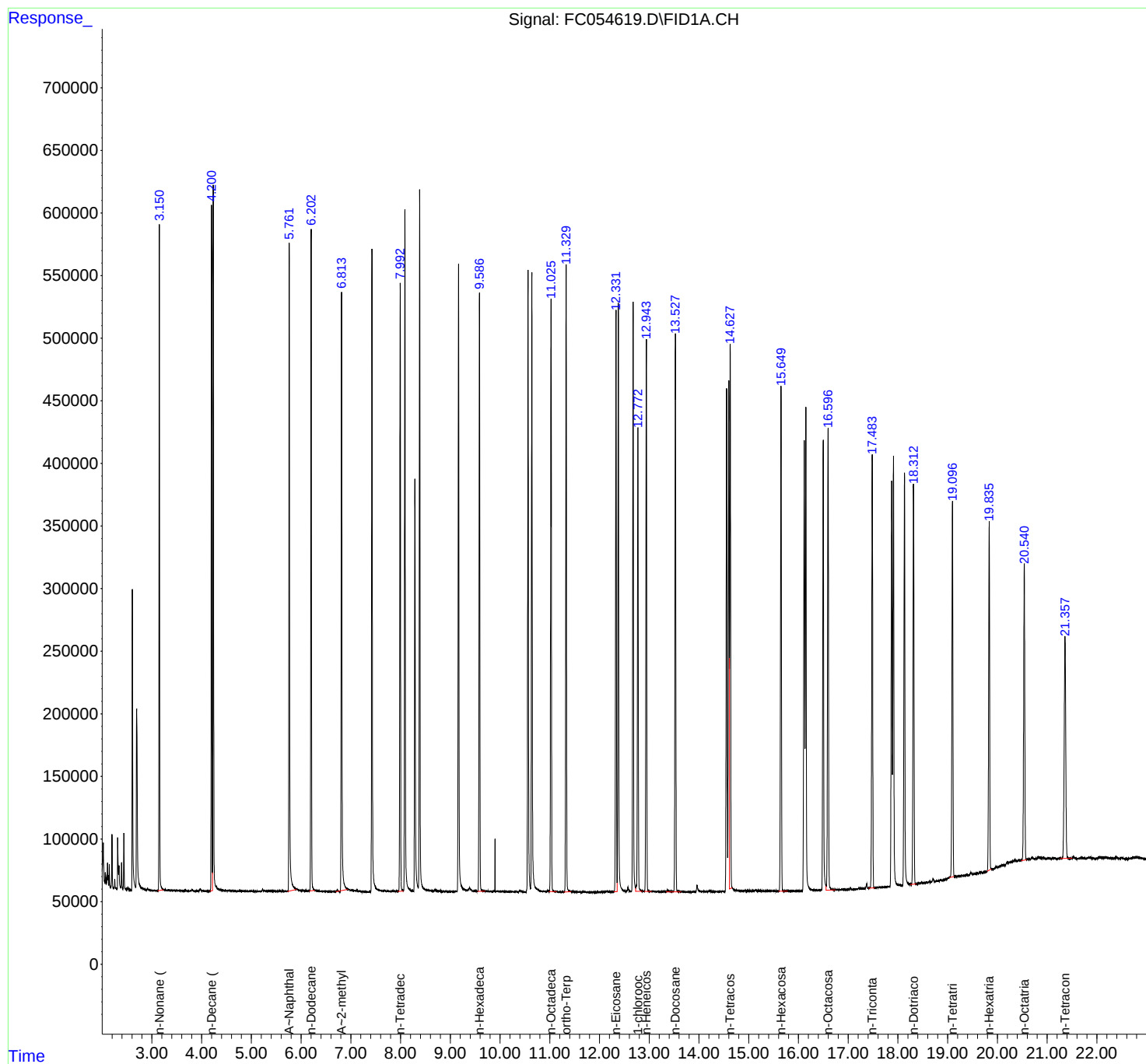
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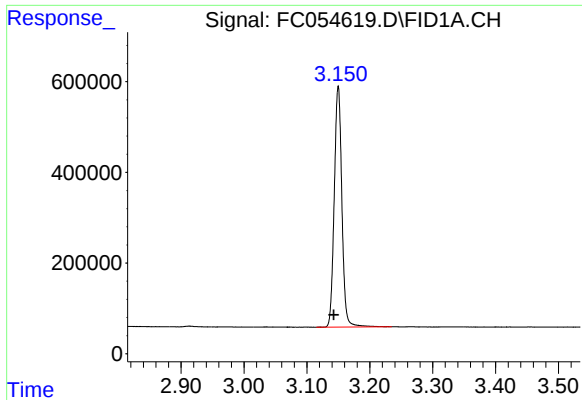
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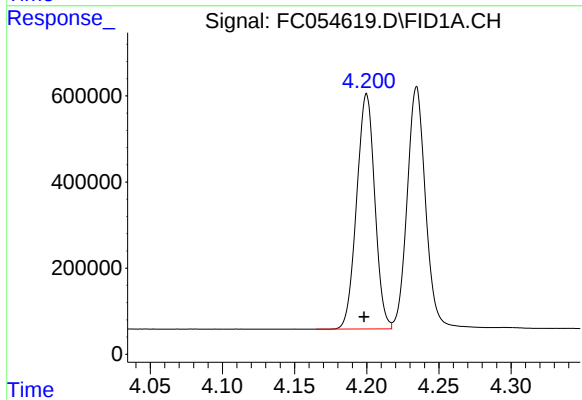
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: 0.007 min
Response: 4483684
Conc: 38.13 ug/ml

Instrument :
FID_C
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PB137594BSD

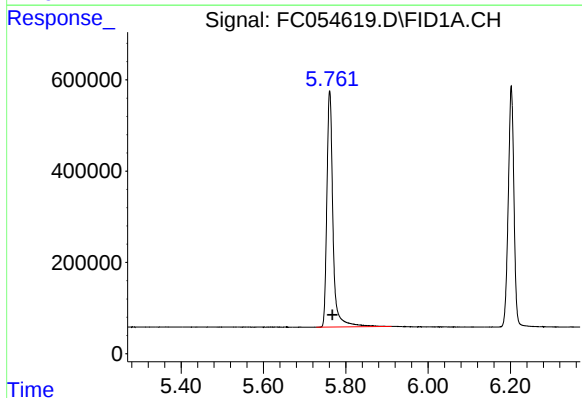
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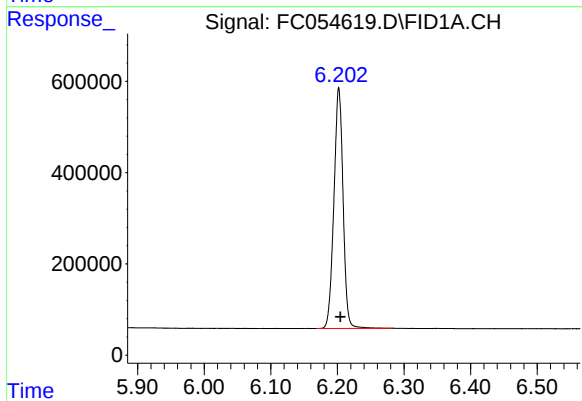
#2 n-Decane (C10)

R.T.: 4.200 min
Delta R.T.: 0.002 min
Response: 4782367
Conc: 40.28 ug/ml



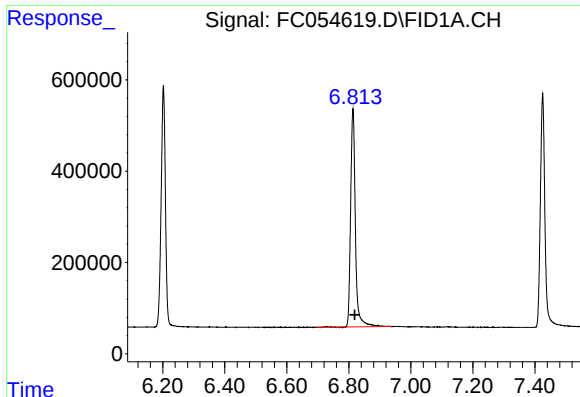
#3 A~Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: -0.006 min
Response: 5346710
Conc: 40.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 5055096
Conc: 42.18 ug/ml



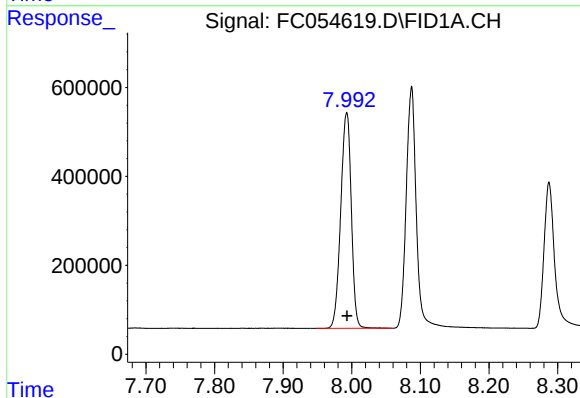
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: -0.006 min
Response: 5130176
Conc: 38.86 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137594BSD

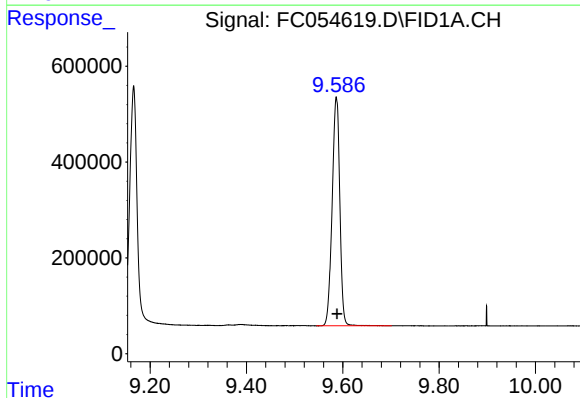
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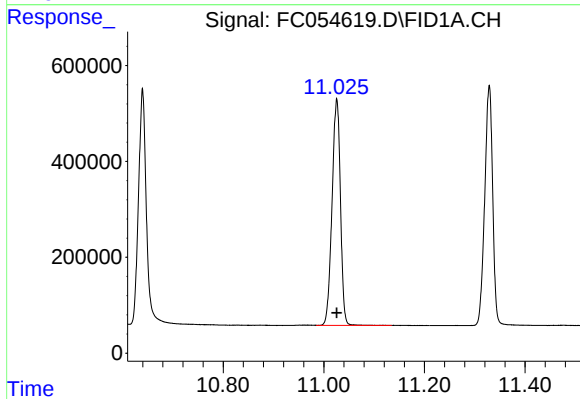
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: -0.001 min
Response: 5191516
Conc: 42.61 ug/ml



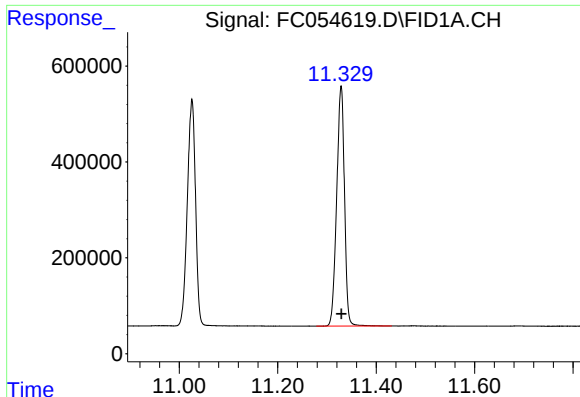
#7 n-Hexadecane (C16)

R.T.: 9.586 min
Delta R.T.: -0.002 min
Response: 5256171
Conc: 42.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.025 min
Delta R.T.: 0.000 min
Response: 5464125
Conc: 42.31 ug/ml



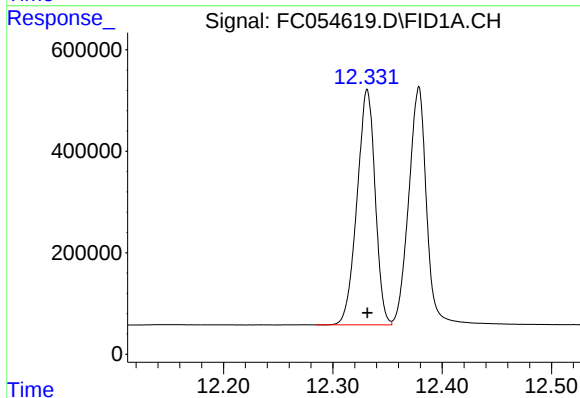
#9 ortho-Terphenyl (SURR)

R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 5514617
Conc: 38.95 ug/ml

Instrument :
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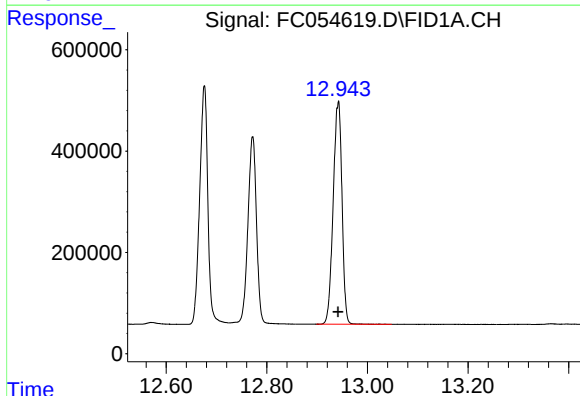
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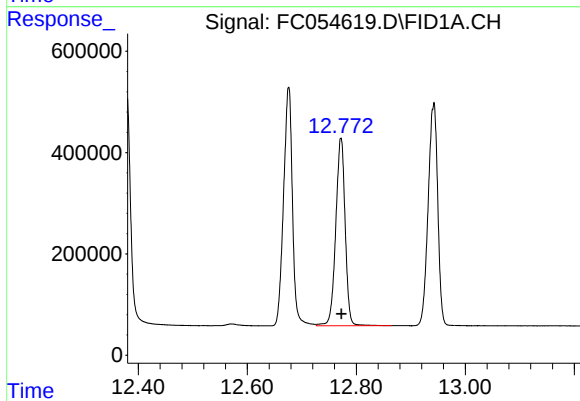
#10 n-Eicosane (C20)

R.T.: 12.331 min
Delta R.T.: 0.000 min
Response: 5339814
Conc: 41.04 ug/ml



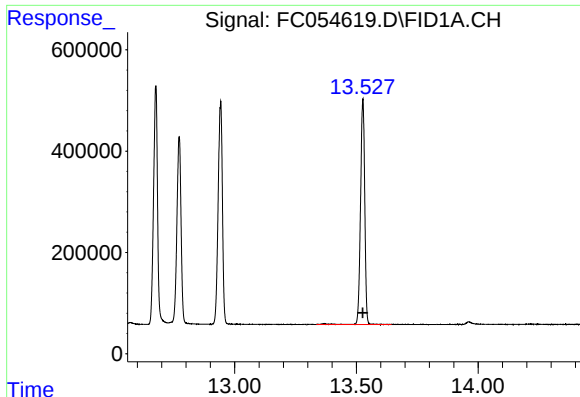
#11 n-Heneicosane (C21)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 5348731
Conc: 40.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.771 min
Delta R.T.: -0.001 min
Response: 4431645
Conc: 39.75 ug/ml



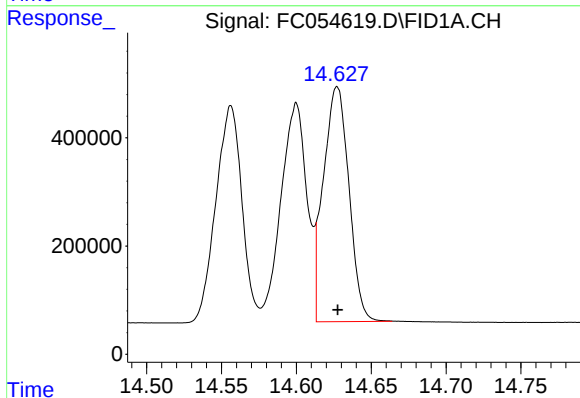
#13 n-Docosane (C22)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 5362075
Conc: 40.47 ug/ml

Instrument :
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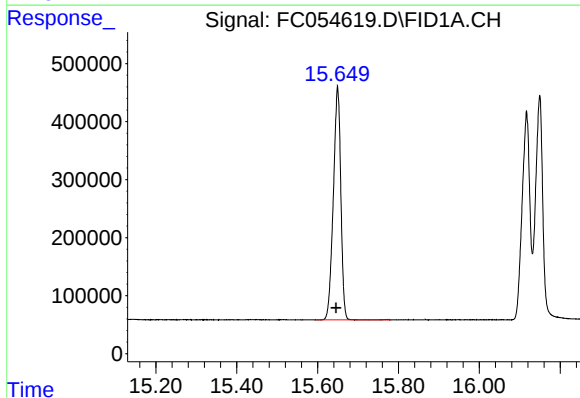
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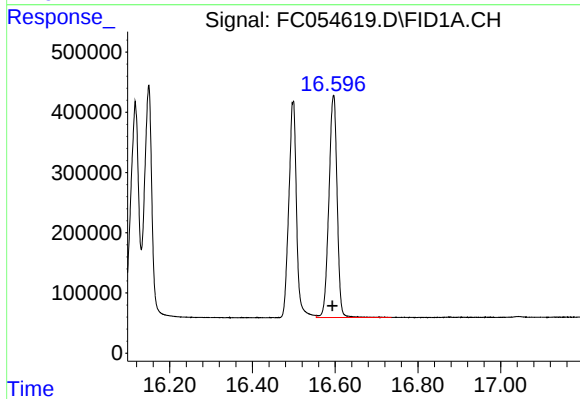
#14 n-Tetracosane (C24)

R.T.: 14.627 min
Delta R.T.: 0.000 min
Response: 5100243
Conc: 37.68 ug/ml m



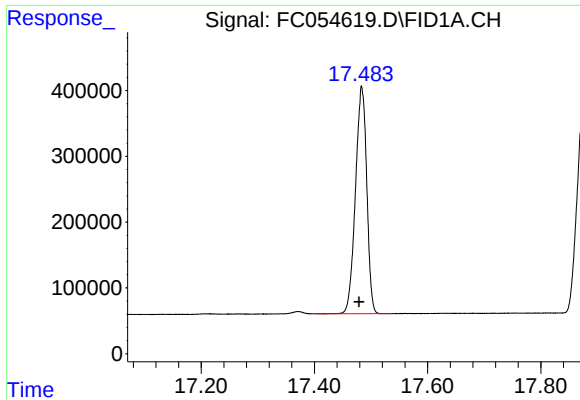
#15 n-Hexacosane (C26)

R.T.: 15.649 min
Delta R.T.: 0.003 min
Response: 5153385
Conc: 38.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.595 min
Delta R.T.: 0.002 min
Response: 5103861
Conc: 37.18 ug/ml



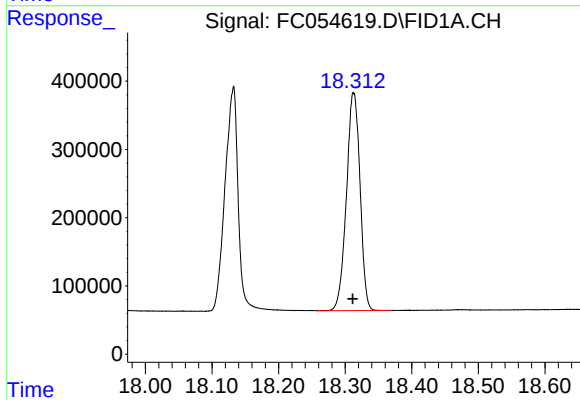
#17 n-Tricontane (C30)

R.T.: 17.483 min
Delta R.T.: 0.004 min
Response: 4770203
Conc: 34.44 ug/ml

Instrument :
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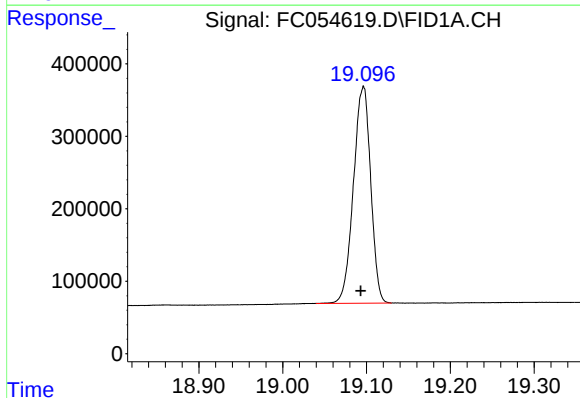
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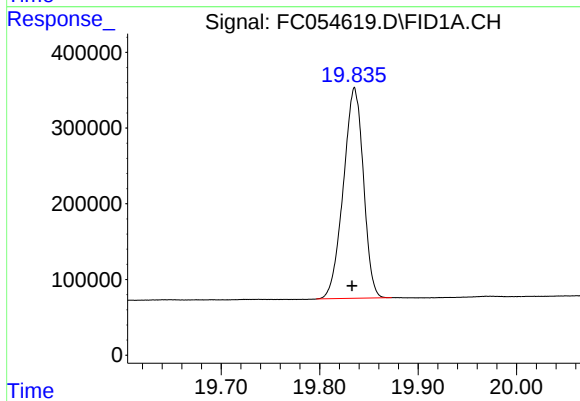
#18 n-Dotriacontane (C32)

R.T.: 18.313 min
Delta R.T.: 0.001 min
Response: 4527518
Conc: 33.09 ug/ml



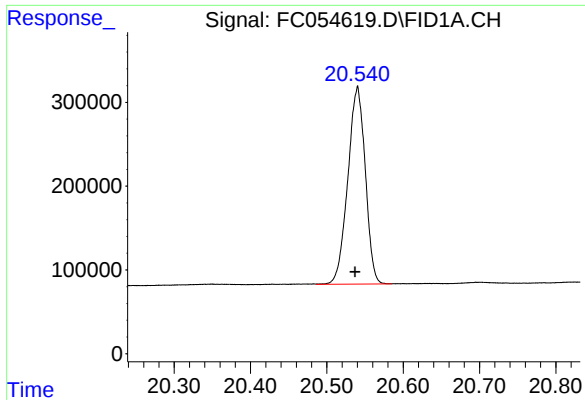
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.003 min
Response: 4275904
Conc: 31.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.002 min
Response: 3943197
Conc: 31.94 ug/ml



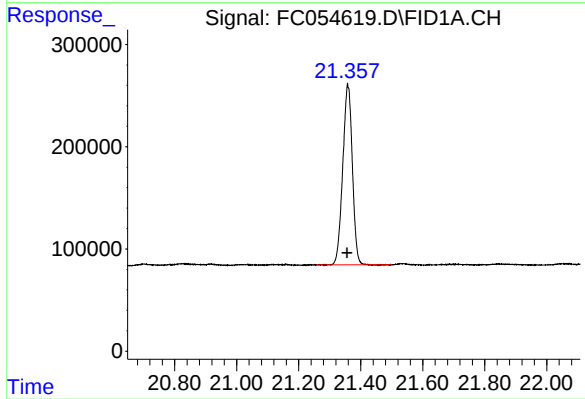
#21 n-Octatriacontane (C38)

R.T.: 20.540 min
Delta R.T.: 0.003 min
Response: 3746142
Conc: 33.12 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: 0.003 min
Response: 3779810
Conc: 33.44 ug/ml