

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070921AL\
 Data File : FC054623.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jul 2021 18:11
 Operator : DD\AJ
 Sample : M2947-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOIL-BANK-1MSD

Manual Integrations
 APPROVED

mohammad
 7/12/2021 2:17:37 PM

Integration File: autoint1.e
 Quant Time: Jul 09 23:19:44 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)	11.329	5064118	35.771 ug/ml
Spiked Amount 50.000		Recovery =	71.54%
12) S 1-chlorooctadecane (S...	12.771	4116909	36.931 ug/ml
Spiked Amount 50.000		Recovery =	73.86%
Target Compounds			
1) T n-Nonane (C9)	3.143	3614183	30.734 ug/ml
2) T n-Decane (C10)	4.198	4209690	35.453 ug/ml
3) T A~Naphthalene (C11.7)	5.762	4703095	35.773 ug/ml
4) T n-Dodecane (C12)	6.203	4851670	40.480 ug/ml
5) T A~2-methylnaphthalene...	6.814	4943252	37.443 ug/ml
6) T n-Tetradecane (C14)	7.993	5200733	42.686 ug/ml
7) T n-Hexadecane (C16)	9.587	5415294	43.475 ug/ml
8) T n-Octadecane (C18)	11.026	5814857	45.021 ug/ml
10) T n-Eicosane (C20)	12.332	5728594	44.025 ug/ml
11) T n-Heneicosane (C21)	12.942	5700706	42.937 ug/ml
13) T n-Docosane (C22)	13.527	5741653	43.339 ug/ml
14) T n-Tetracosane (C24)	14.628	5649348	41.733 ug/mlm
15) T n-Hexacosane (C26)	15.648	5535203	40.848 ug/ml
16) T n-Octacosane (C28)	16.596	5490587	40.002 ug/ml
17) T n-Tricontane (C30)	17.484	5177972	37.385 ug/ml
18) T n-Dotriacontane (C32)	18.314	4922126	35.977 ug/ml
19) T n-Tetratriacontane (C34)	19.096	4730845	35.013 ug/ml
20) T n-Hexatriacontane (C36)	19.835	4295856	34.801 ug/ml
21) T n-Octatriacontane (C38)	20.540	4073017	36.007 ug/mlm
22) T n-Tetracontane (C40)	21.359	4115571	36.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2947-01MSD
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ALS Vial : 9 Sample Multiplier: 1

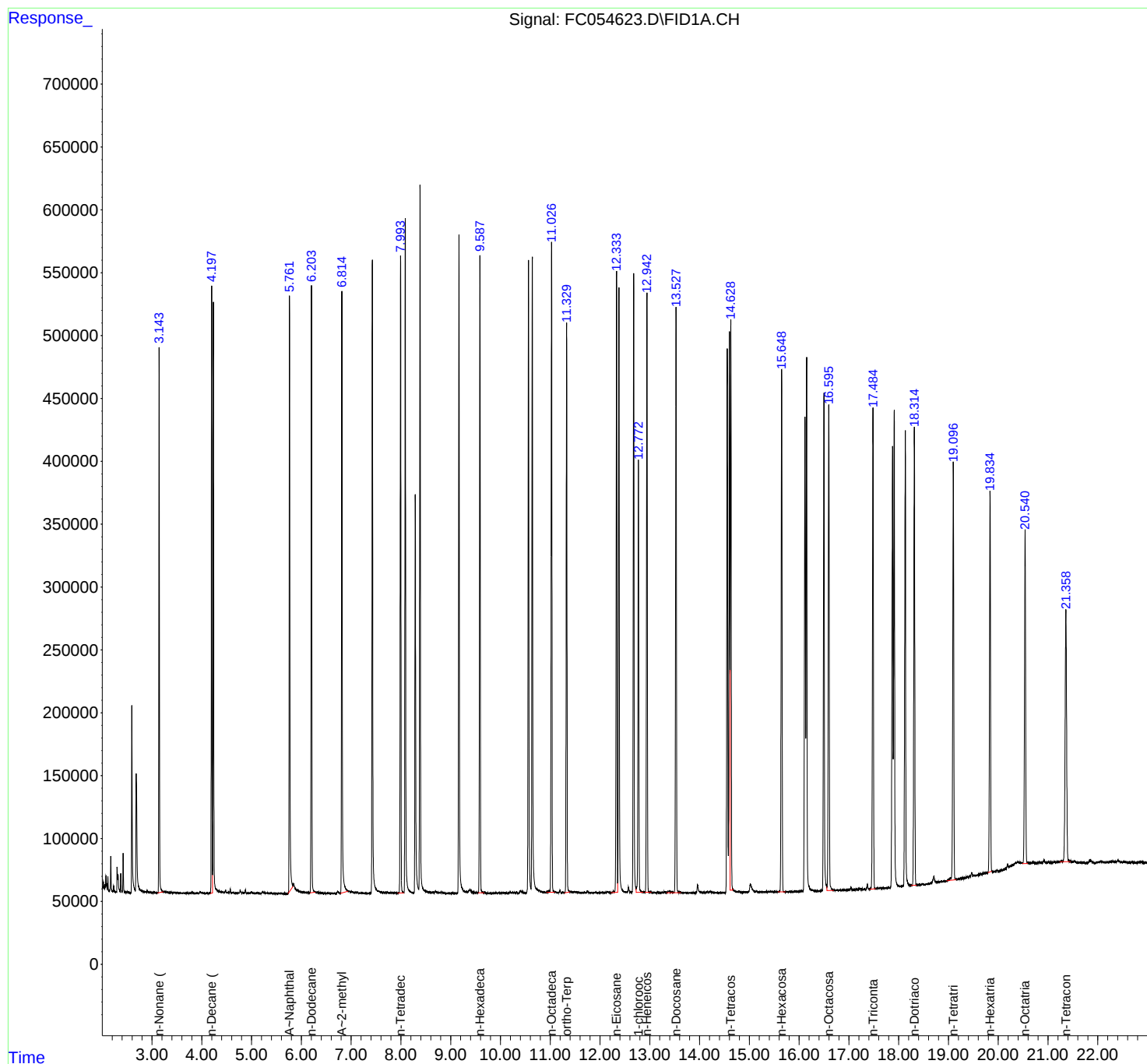
Instrument :
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SOIL-BANK-1MSD

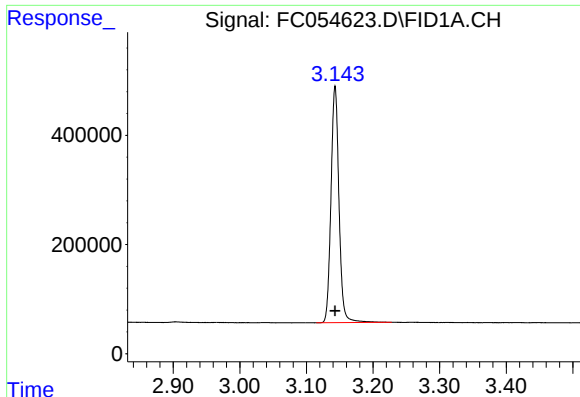
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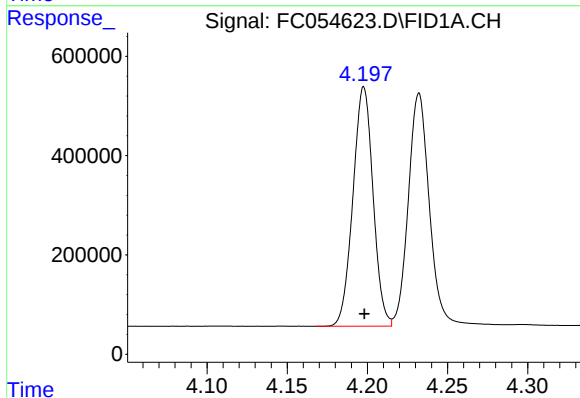
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 3614183
Conc: 30.73 ug/ml

Instrument :
FID_C
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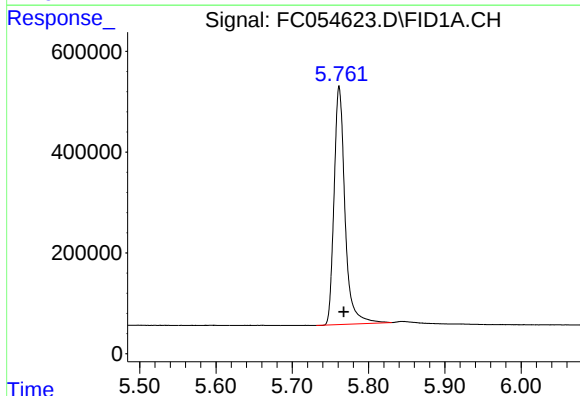
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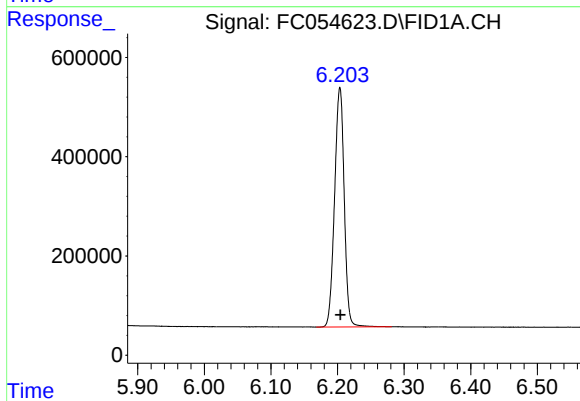
#2 n-Decane (C10)

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 4209690
Conc: 35.45 ug/ml



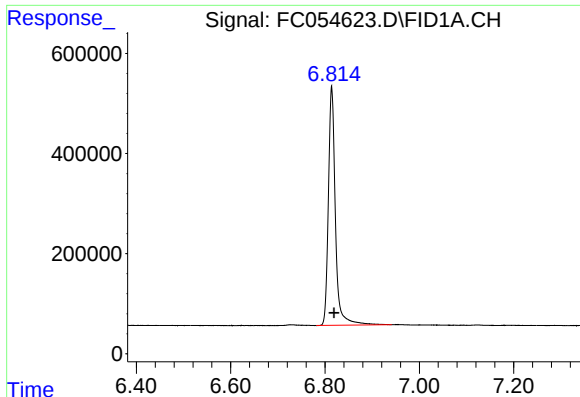
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.006 min
Response: 4703095
Conc: 35.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 4851670
Conc: 40.48 ug/ml



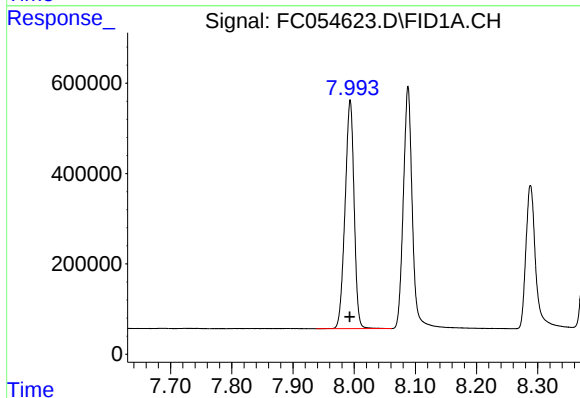
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: -0.005 min
Response: 4943252
Conc: 37.44 ug/ml

Instrument :
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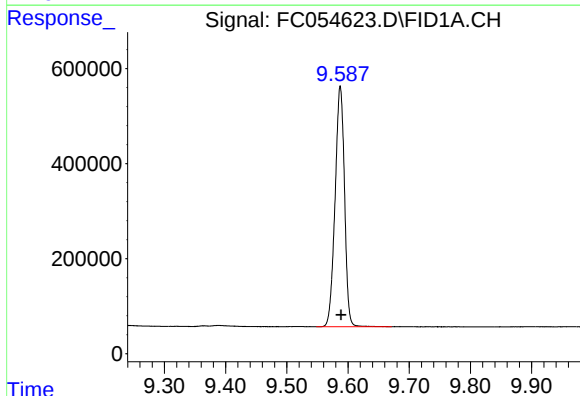
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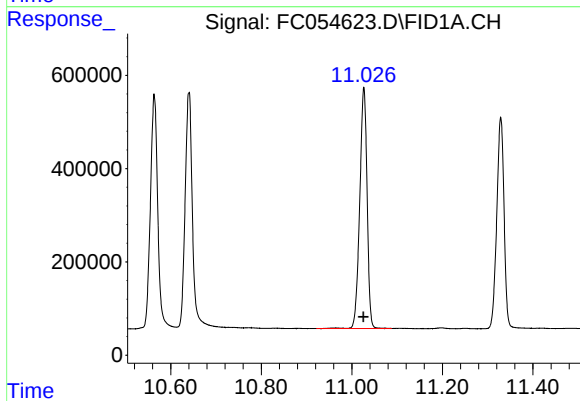
#6 n-Tetradecane (C14)

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 5200733
Conc: 42.69 ug/ml



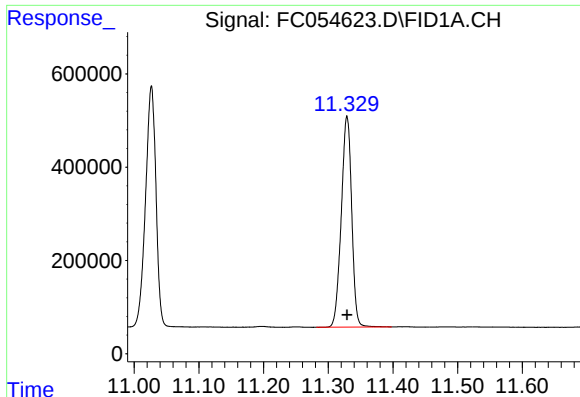
#7 n-Hexadecane (C16)

R.T.: 9.587 min
Delta R.T.: -0.001 min
Response: 5415294
Conc: 43.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.026 min
Delta R.T.: 0.000 min
Response: 5814857
Conc: 45.02 ug/ml



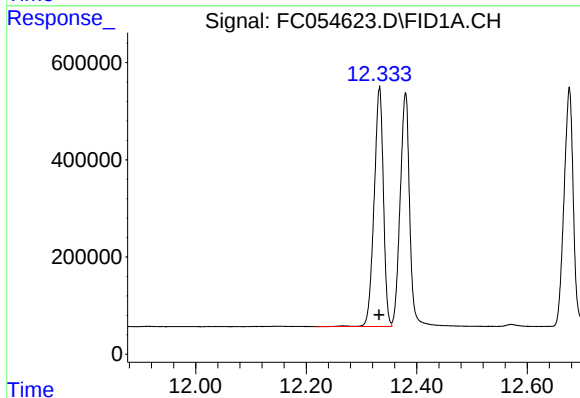
#9 ortho-Terphenyl (SURR)

R.T.: 11.329 min
Delta R.T.: 0.000 min
Response: 5064118
Conc: 35.77 ug/ml

Instrument :
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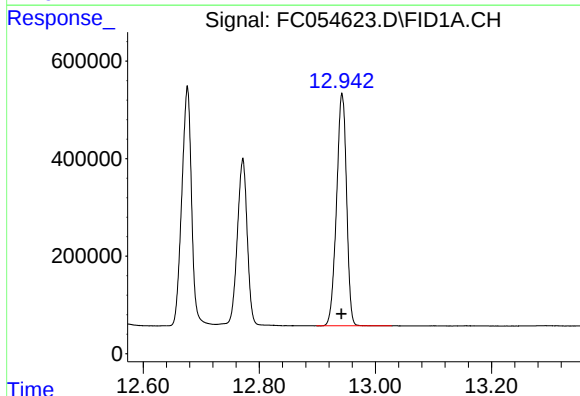
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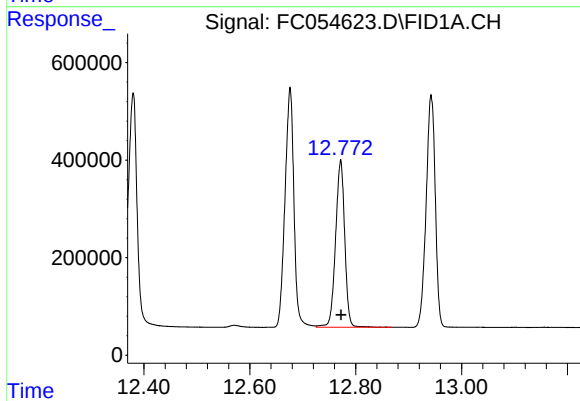
#10 n-Eicosane (C20)

R.T.: 12.332 min
Delta R.T.: 0.000 min
Response: 5728594
Conc: 44.03 ug/ml



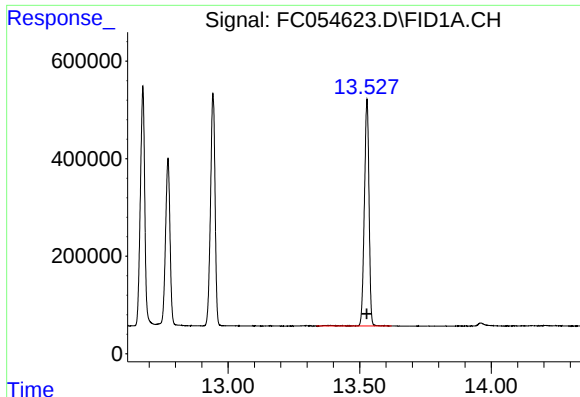
#11 n-Heneicosane (C21)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 5700706
Conc: 42.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.771 min
Delta R.T.: -0.002 min
Response: 4116909
Conc: 36.93 ug/ml



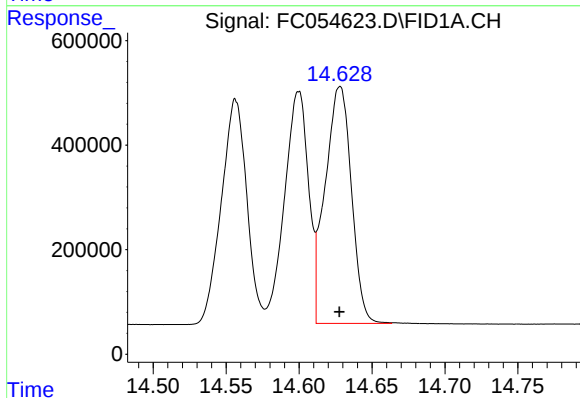
#13 n-Docosane (C22)

R.T.: 13.527 min
Delta R.T.: 0.000 min
Response: 5741653
Conc: 43.34 ug/ml

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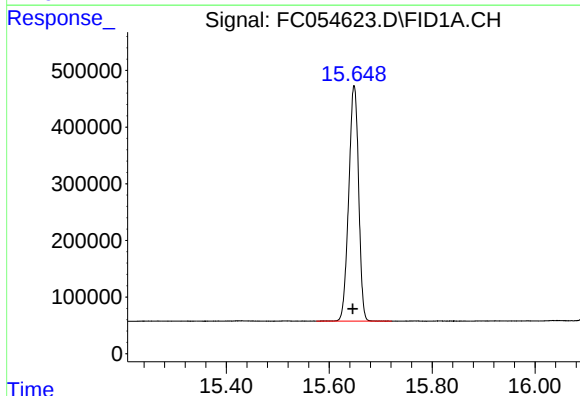
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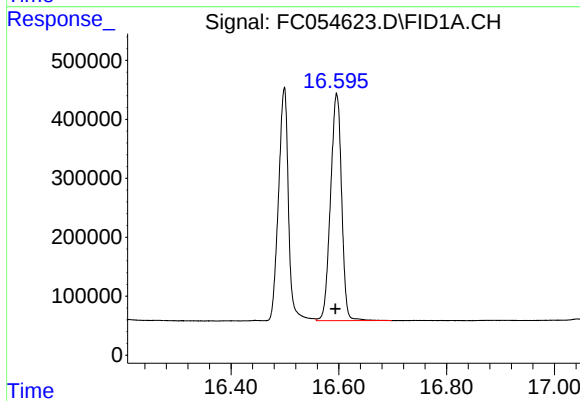
#14 n-Tetracosane (C24)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 5649348
Conc: 41.73 ug/ml m



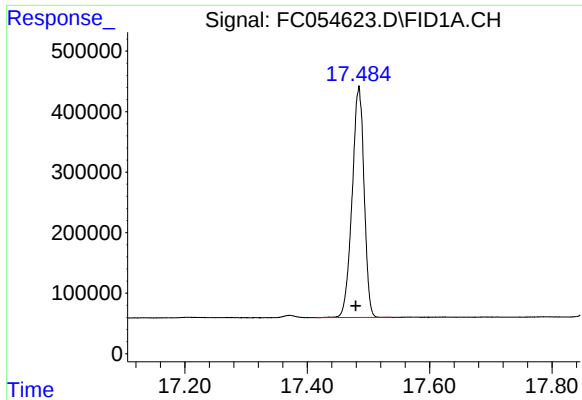
#15 n-Hexacosane (C26)

R.T.: 15.648 min
Delta R.T.: 0.003 min
Response: 5535203
Conc: 40.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 5490587
Conc: 40.00 ug/ml



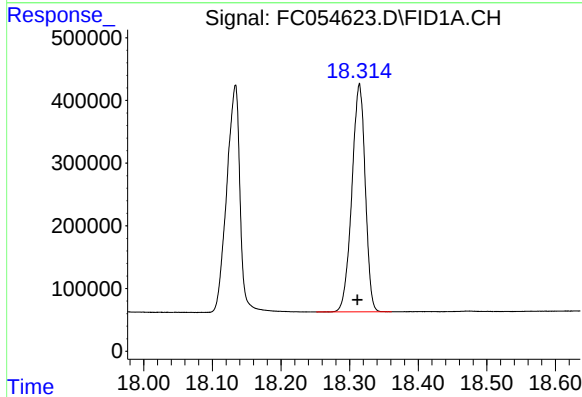
#17 n-Tricontane (C30)

R.T.: 17.484 min
Delta R.T.: 0.005 min
Response: 5177972
Conc: 37.38 ug/ml

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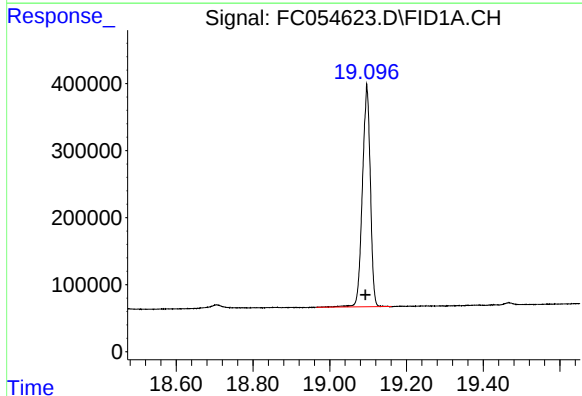
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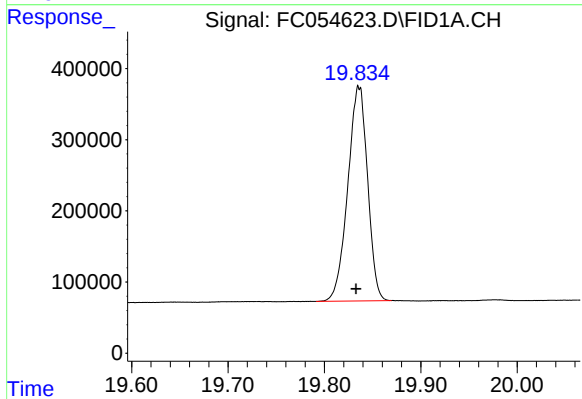
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: 0.002 min
Response: 4922126
Conc: 35.98 ug/ml



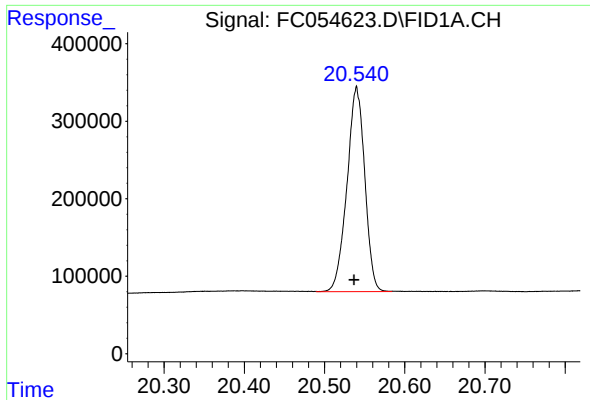
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.003 min
Response: 4730845
Conc: 35.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.002 min
Response: 4295856
Conc: 34.80 ug/ml



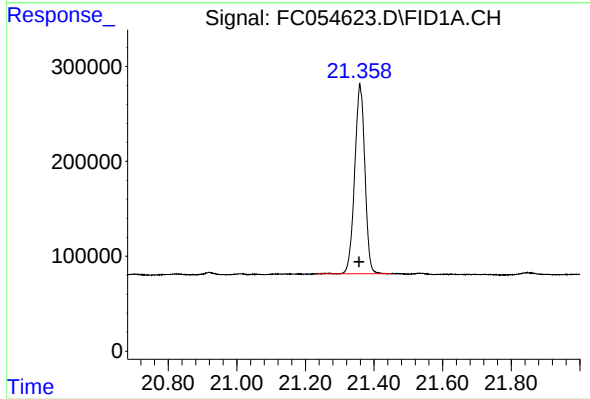
#21 n-Octatriacontane (C38)

R.T.: 20.540 min
Delta R.T.: 0.003 min
Response: 4073017
Conc: 36.01 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: 0.003 min
Response: 4115571
Conc: 36.41 ug/ml