

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061620AL\
 Data File : FC047867.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jun 2020 16:53
 Operator : DD\AJ
 Sample : L2997-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 294MS

Manual Integrations
 APPROVED

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 6/17/2020 11:05:03 AM

Integration File: autoint1.e
 Quant Time: Jun 17 00:59:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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			
9) S ortho-Terphenyl (SURR)	11.729	4497622	37.494 ug/ml
Spiked Amount 50.000		Recovery =	74.99%
12) S 1-chlorooctadecane (S...	13.141	4052615	41.381 ug/ml
Spiked Amount 50.000		Recovery =	82.76%
Target Compounds			
1) T n-Nonane (C9)	3.543	3596667	35.941 ug/ml
2) T n-Decane (C10)	4.605	4185816	41.660 ug/ml
3) T A~Naphthalene (C11.7)	6.199	4808231	47.655 ug/ml
4) T n-Dodecane (C12)	6.602	4613583	44.072 ug/ml
5) T A~2-methylnaphthalene...	7.246	4992801	48.237 ug/ml
6) T n-Tetradecane (C14)	8.381	4790112	45.640 ug/ml
7) T n-Hexadecane (C16)	9.967	4940253	47.285 ug/ml
8) T n-Octadecane (C18)	11.397	5231152	47.060 ug/ml
10) T n-Eicosane (C20)	12.697	5178032	45.500 ug/ml
11) T n-Heneicosane (C21)	13.305	5052635	44.154 ug/ml
13) T n-Docosane (C22)	13.888	4998377	43.575 ug/ml
14) T n-Tetracosane (C24)	14.982	9200063	80.060 ug/ml
15) T n-Hexacosane (C26)	15.998	4651683	40.724 ug/ml
16) T n-Octacosane (C28)	16.935	8618046	75.824 ug/ml
17) T n-Tricontane (C30)	17.824	4434523	40.462 ug/ml
18) T n-Dotriacontane (C32)	18.650	4444394	44.832 ug/ml
19) T n-Tetratriacontane (C34)	19.427	4054562	44.271 ug/ml
20) T n-Hexatriacontane (C36)	20.162	3730105	43.496 ug/mlm
21) T n-Octatriacontane (C38)	20.913	3497477	43.919 ug/ml
22) T n-Tetracontane (C40)	21.854	3560086	45.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

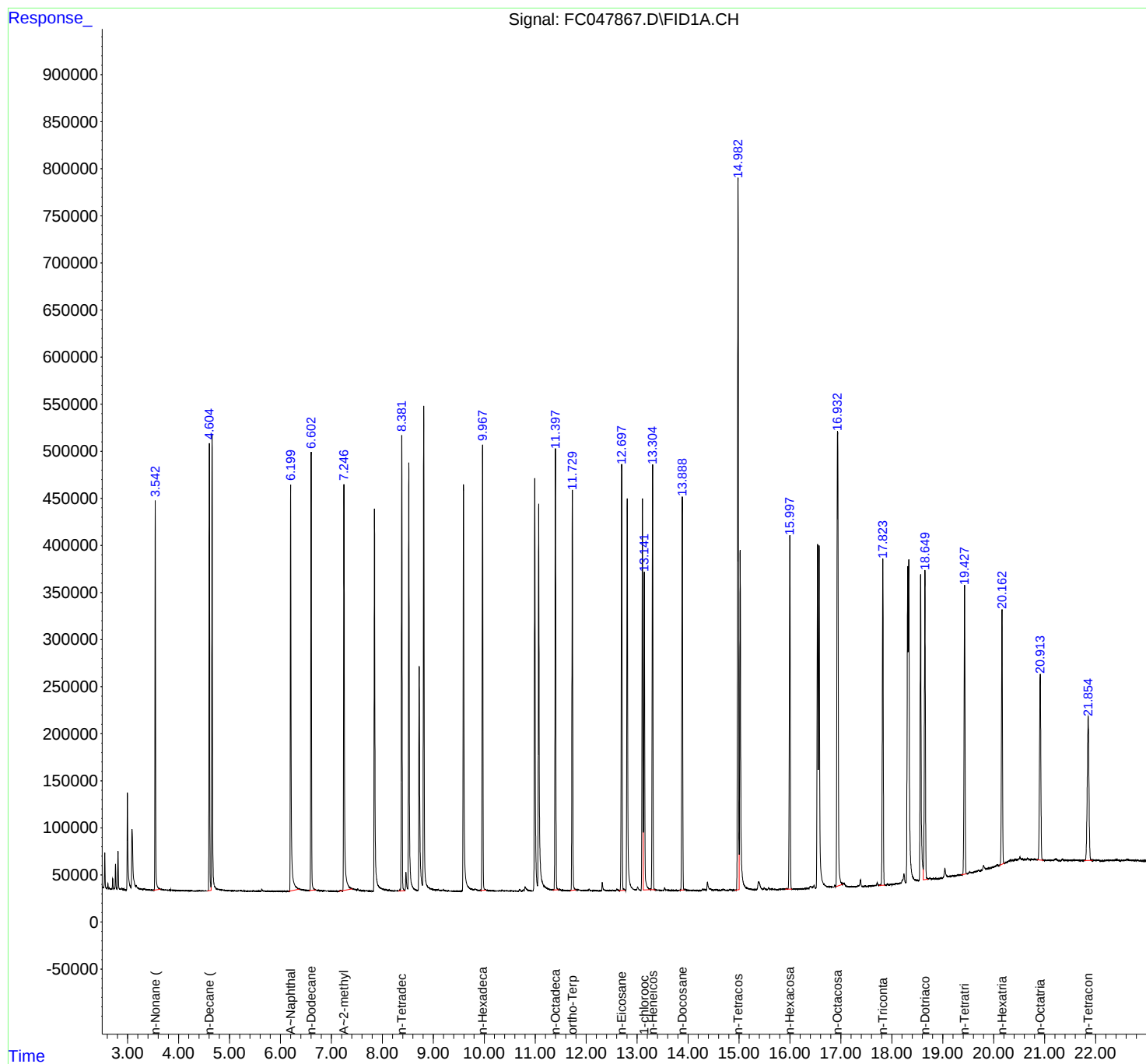
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FID_C
ClientSampleId :
294MS

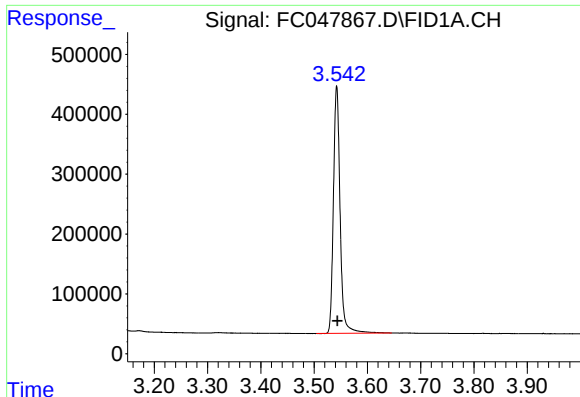
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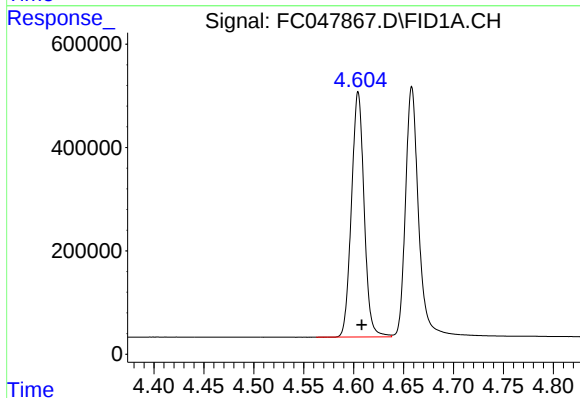
#1 n-Nonane (C9)

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 3596667
Conc: 35.94 ug/ml

Instrument :
FID_C
ClientSampleId :
294MS

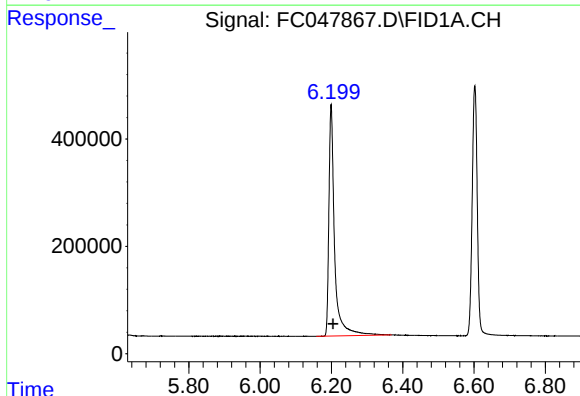
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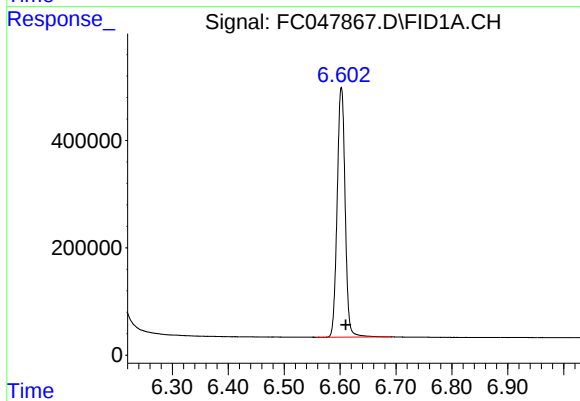
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: -0.004 min
Response: 4185816
Conc: 41.66 ug/ml



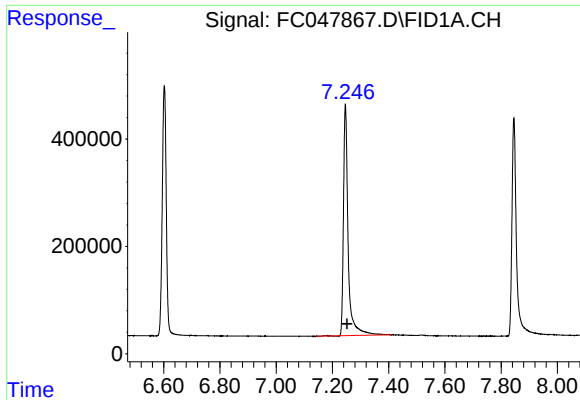
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 4808231
Conc: 47.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 4613583
Conc: 44.07 ug/ml



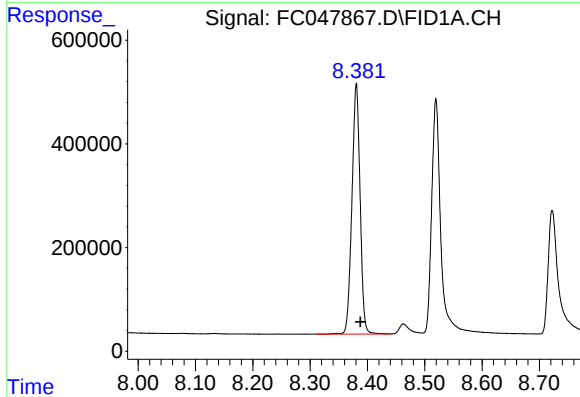
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.006 min
Response: 4992801
Conc: 48.24 ug/ml

Instrument :
FID_C
ClientSampleId :
294MS

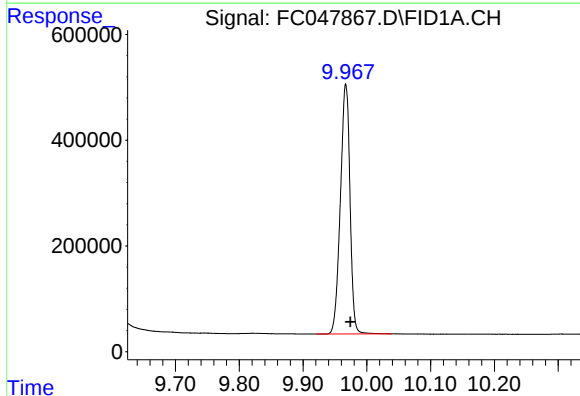
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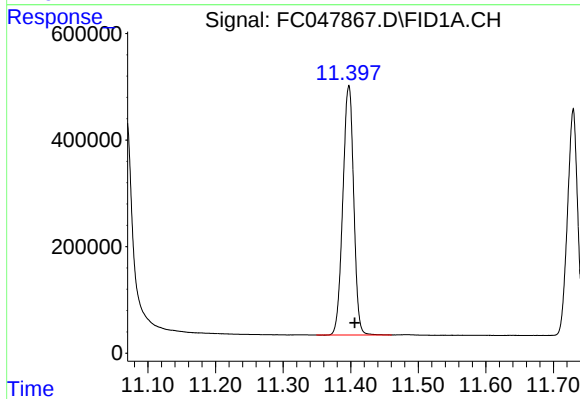
#6 n-Tetradecane (C14)

R.T.: 8.381 min
Delta R.T.: -0.007 min
Response: 4790112
Conc: 45.64 ug/ml



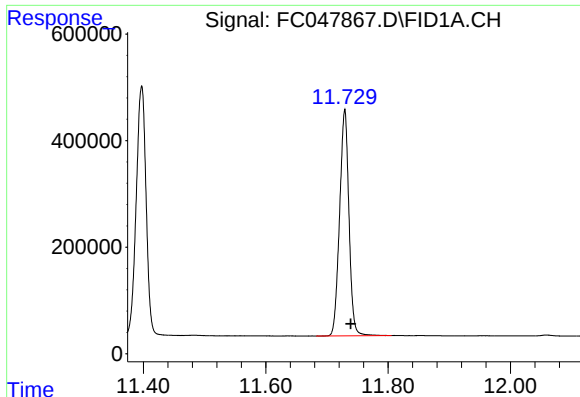
#7 n-Hexadecane (C16)

R.T.: 9.967 min
Delta R.T.: -0.007 min
Response: 4940253
Conc: 47.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: -0.009 min
Response: 5231152
Conc: 47.06 ug/ml



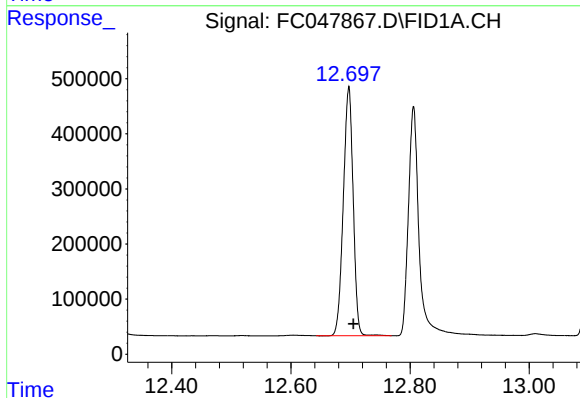
#9 ortho-Terphenyl (SURR)

R.T.: 11.729 min
Delta R.T.: -0.010 min
Response: 4497622
Conc: 37.49 ug/ml

Instrument :
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294MS

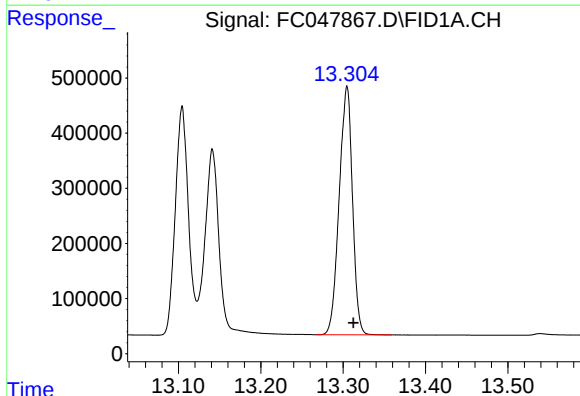
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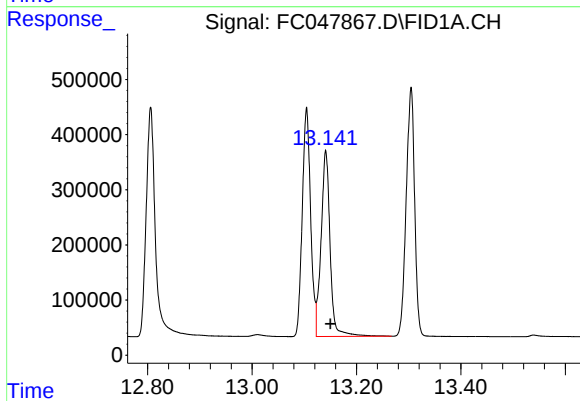
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.008 min
Response: 5178032
Conc: 45.50 ug/ml



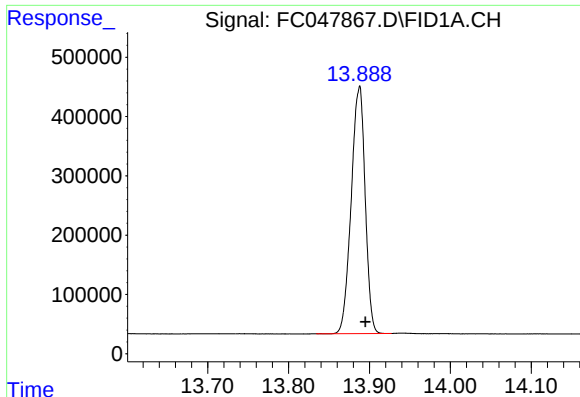
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.008 min
Response: 5052635
Conc: 44.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.141 min
Delta R.T.: -0.009 min
Response: 4052615
Conc: 41.38 ug/ml



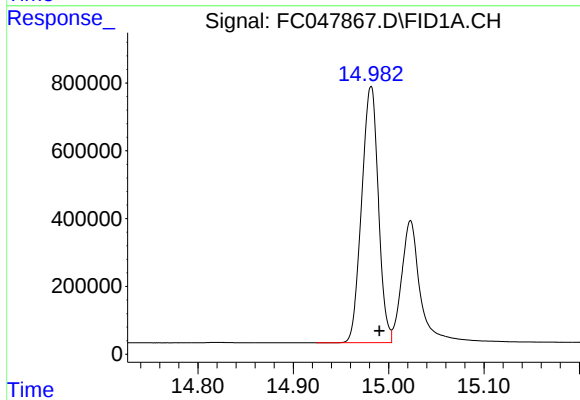
#13 n-Docosane (C22)

R.T.: 13.888 min
Delta R.T.: -0.008 min
Response: 4998377
Conc: 43.57 ug/ml

Instrument :
FID_C
ClientSampleId :
294MS

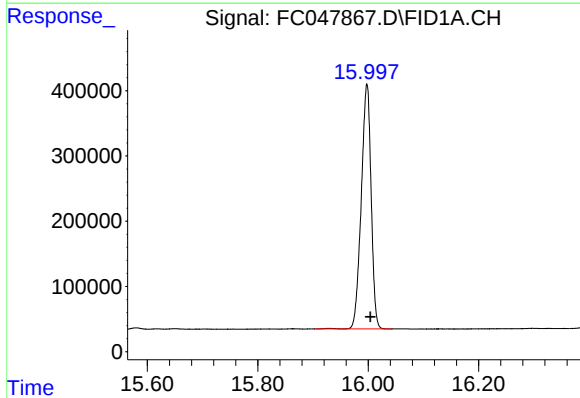
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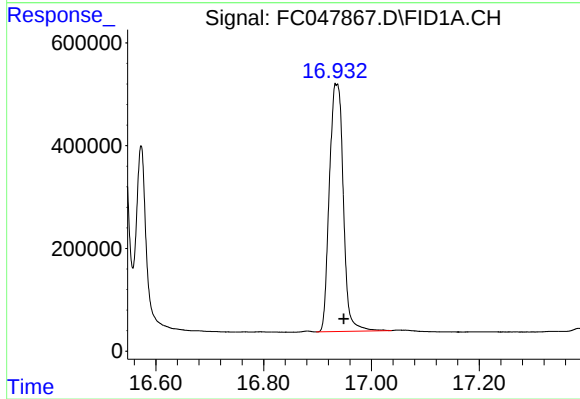
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: -0.009 min
Response: 9200063
Conc: 80.06 ug/ml



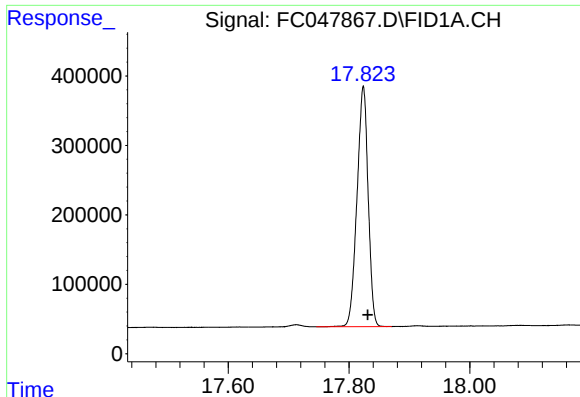
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.007 min
Response: 4651683
Conc: 40.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.013 min
Response: 8618046
Conc: 75.82 ug/ml



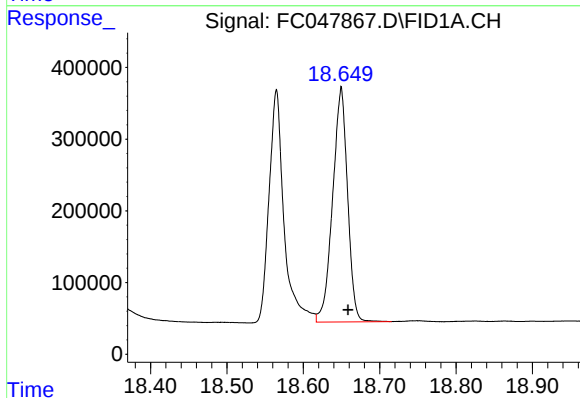
#17 n-Tricontane (C30)

R.T.: 17.824 min
Delta R.T.: -0.007 min
Response: 4434523
Conc: 40.46 ug/ml

Instrument :
FID_C
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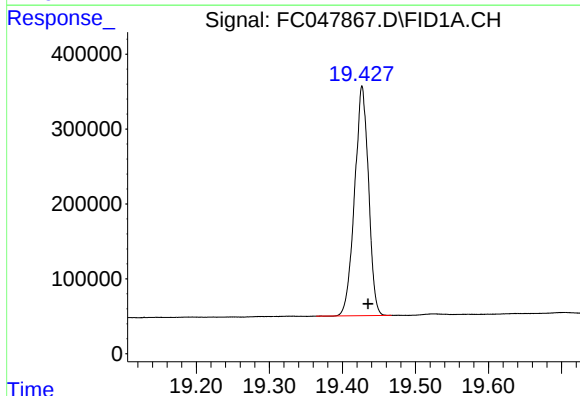
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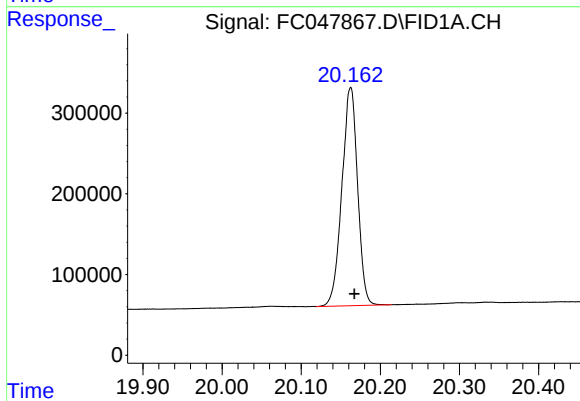
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: -0.009 min
Response: 4444394
Conc: 44.83 ug/ml



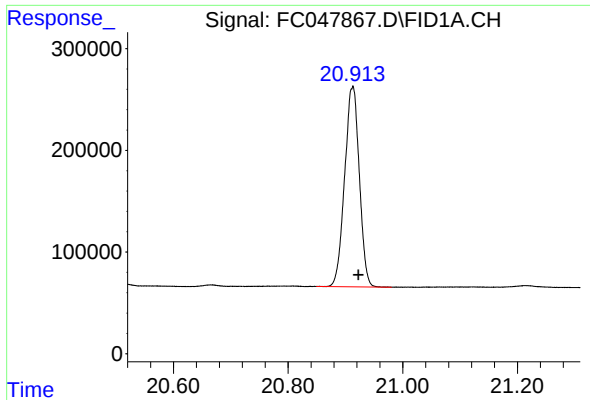
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.008 min
Response: 4054562
Conc: 44.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: -0.005 min
Response: 3730105
Conc: 43.50 ug/ml m



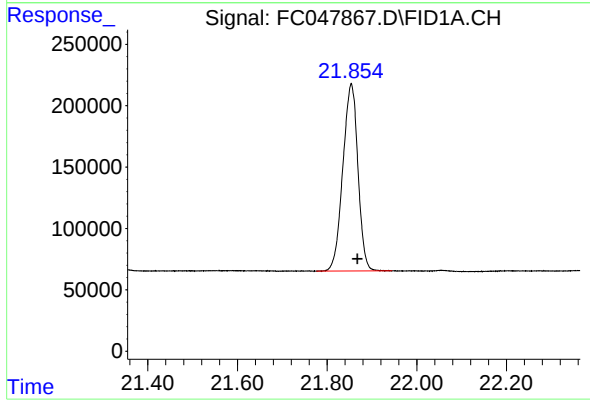
#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.010 min
Response: 3497477
Conc: 43.92 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.854 min
Delta R.T.: -0.014 min
Response: 3560086
Conc: 45.03 ug/ml