

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031521AL\
 Data File : FC052441.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2021 22:51
 Operator : DD\AJ
 Sample : PB135153BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB135153BSD

Manual Integrations
 APPROVED

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 3/16/2021 11:19:29 AM

Integration File: autoint1.e
 Quant Time: Mar 16 01:34:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.610	5119242	38.819 ug/ml
Spiked Amount 50.000		Recovery =	77.64%
12) S 1-chlorooctadecane (S...	13.047	4041999	38.865 ug/ml
Spiked Amount 50.000		Recovery =	77.73%
Target Compounds			
1) T n-Nonane (C9)	3.365	5561243	47.179 ug/ml
2) T n-Decane (C10)	4.428	6139407	51.694 ug/ml
3) T A~Naphthalene (C11.7)	6.014	7225546	54.419 ug/ml
4) T n-Dodecane (C12)	6.446	6607441	54.657 ug/ml
5) T A~2-methylnaphthalene...	7.074	7459263	54.955 ug/ml
6) T n-Tetradecane (C14)	8.247	6689068	55.171 ug/ml
7) T n-Hexadecane (C16)	9.848	6579176	54.987 ug/ml
8) T n-Octadecane (C18)	11.292	6660434	53.806 ug/ml
10) T n-Eicosane (C20)	12.603	6399021	51.932 ug/ml
11) T n-Heneicosane (C21)	13.215	6289874	51.525 ug/ml
13) T n-Docosane (C22)	13.801	6090043	50.614 ug/ml
14) T n-Tetracosane (C24)	14.897	11487895	98.537 ug/ml
15) T n-Hexacosane (C26)	15.927	5469312	49.788 ug/ml
16) T n-Octacosane (C28)	16.876	5348199	52.177 ug/ml
17) T n-Tricontane (C30)	17.765	5047540	53.617 ug/ml
18) T n-Dotriacontane (C32)	18.597	4870432	57.043 ug/ml
19) T n-Tetratriacontane (C34)	19.380	4757600	61.366 ug/ml
20) T n-Hexatriacontane (C36)	20.120	4486297	62.434 ug/mlm
21) T n-Octatriacontane (C38)	20.863	4468722	65.236 ug/ml
22) T n-Tetracontane (C40)	21.784	4611692	64.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 15 Mar 2021 22:51
Operator : DD\AJ
Sample : PB135153BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

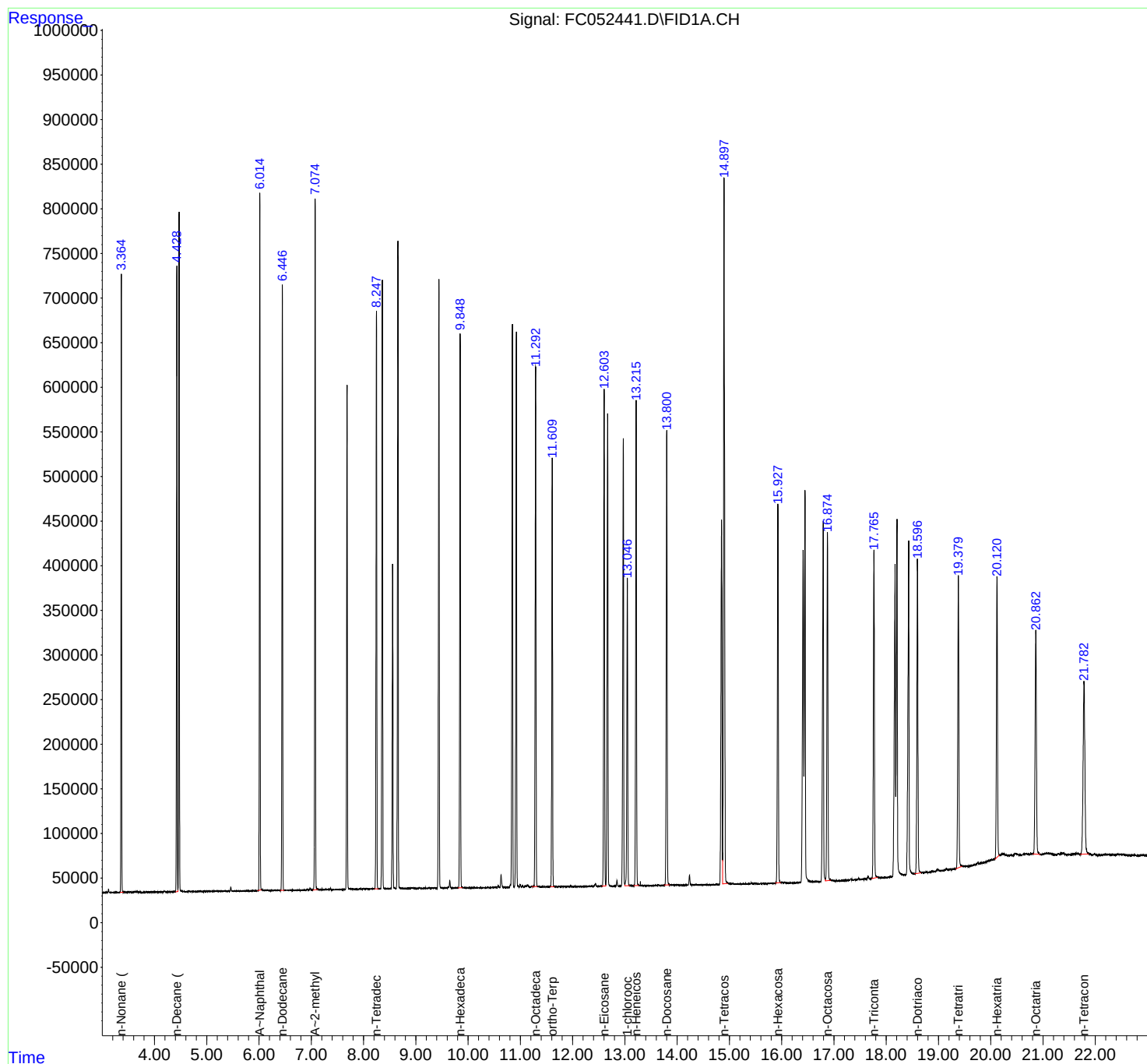
Instrument :
FID_C
ClientSampled :
PB135153BSD

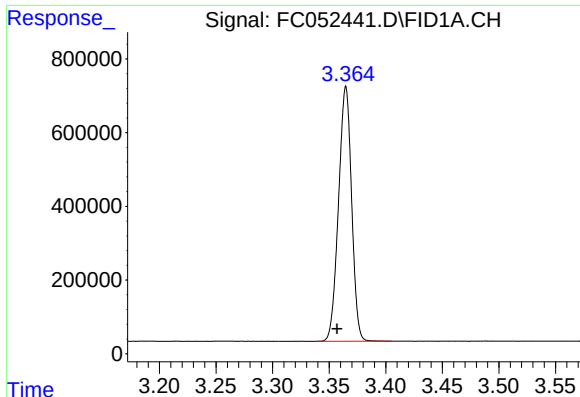
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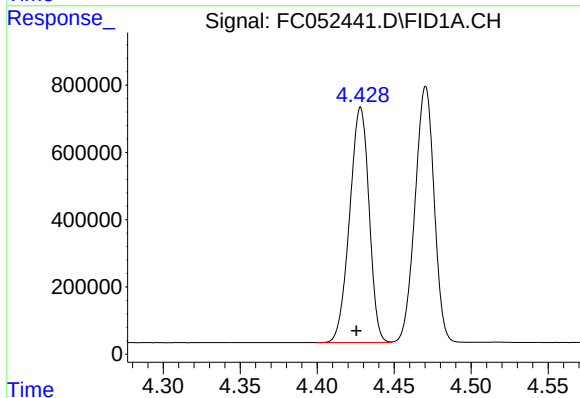
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.008 min
Response: 5561243
Conc: 47.18 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135153BSD

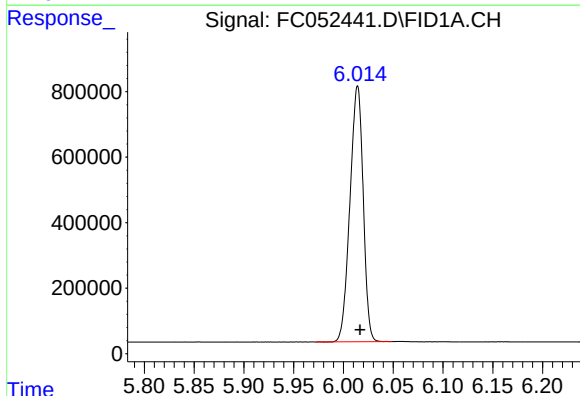
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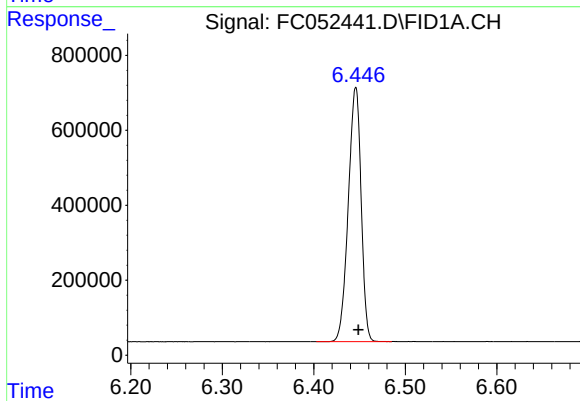
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.003 min
Response: 6139407
Conc: 51.69 ug/ml



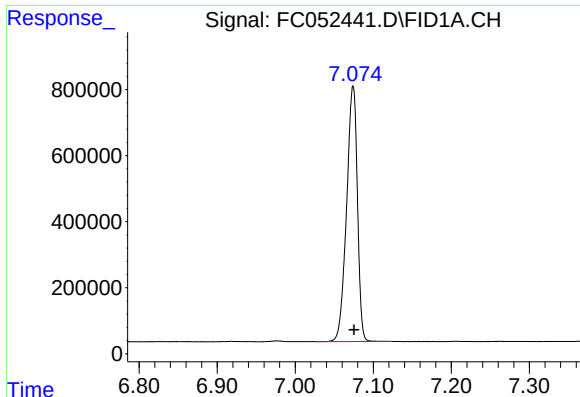
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.003 min
Response: 7225546
Conc: 54.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 6607441
Conc: 54.66 ug/ml



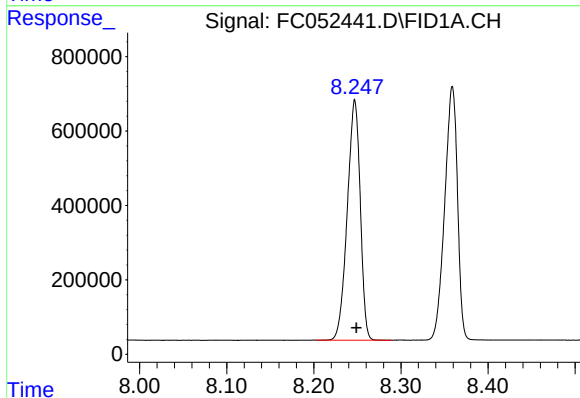
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.001 min
Response: 7459263
Conc: 54.96 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135153BSD

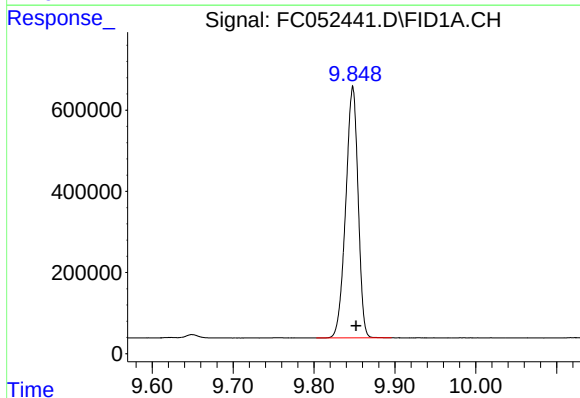
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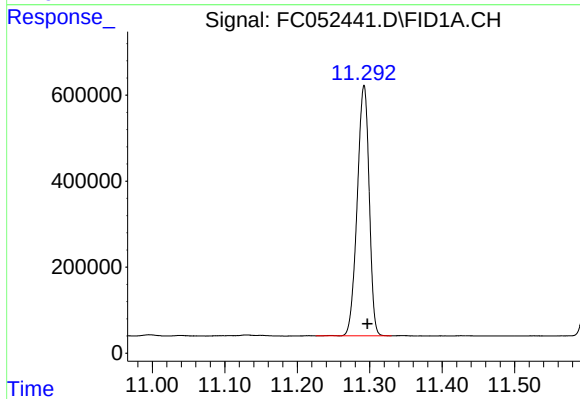
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 6689068
Conc: 55.17 ug/ml



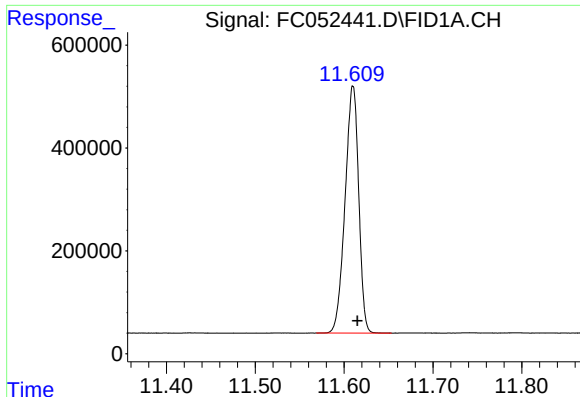
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.004 min
Response: 6579176
Conc: 54.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.004 min
Response: 6660434
Conc: 53.81 ug/ml



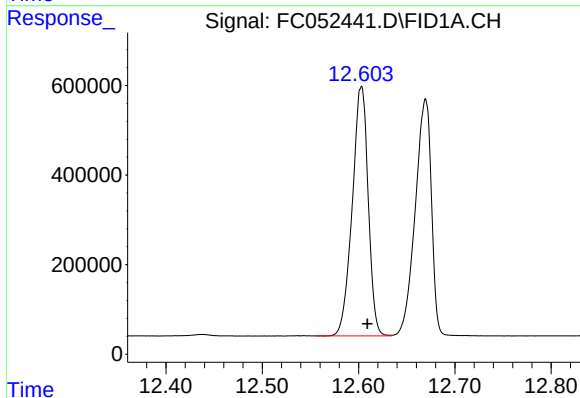
#9 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.005 min
Response: 5119242
Conc: 38.82 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135153BSD

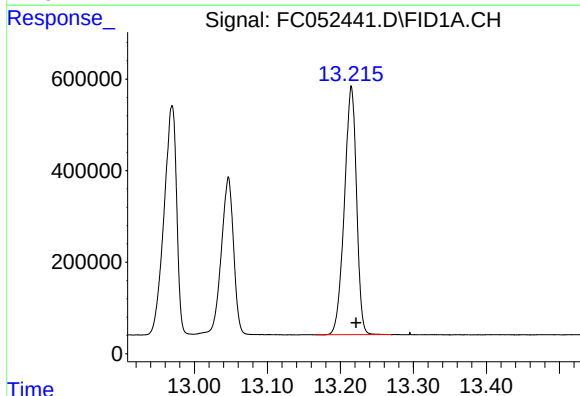
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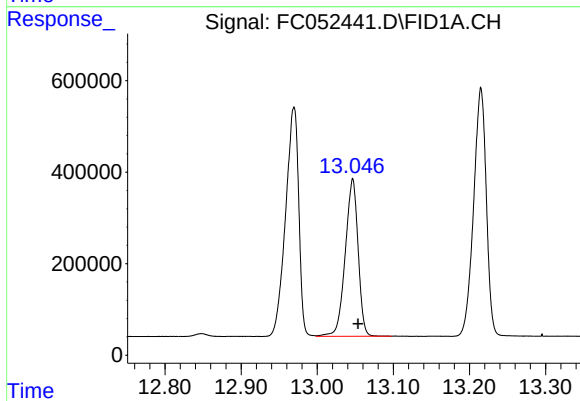
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.006 min
Response: 6399021
Conc: 51.93 ug/ml



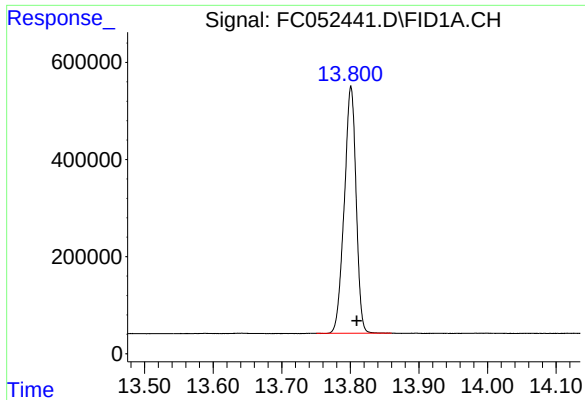
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.007 min
Response: 6289874
Conc: 51.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.007 min
Response: 4041999
Conc: 38.87 ug/ml



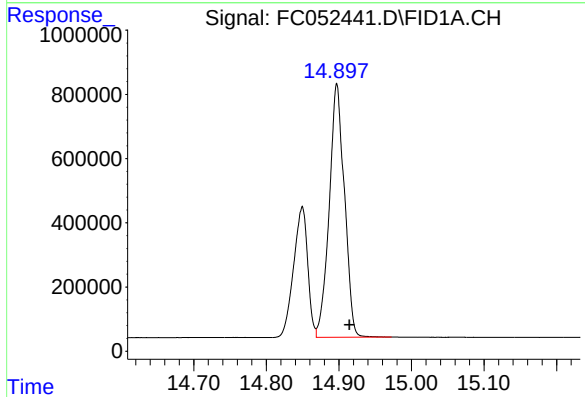
#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.008 min
Response: 6090043
Conc: 50.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135153BSD

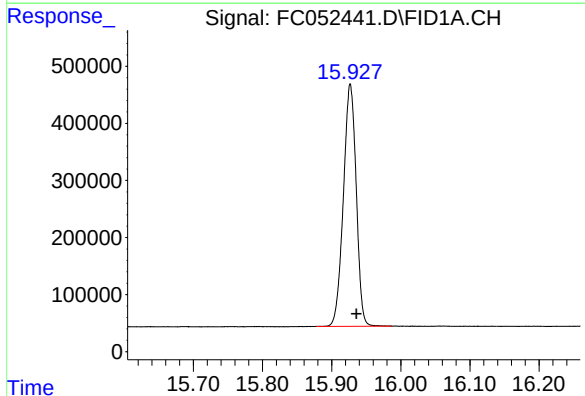
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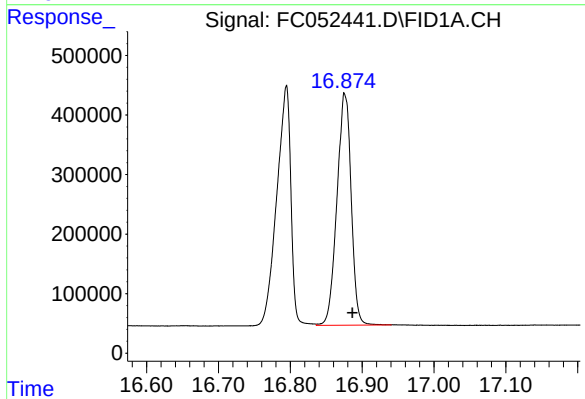
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.017 min
Response: 11487895
Conc: 98.54 ug/ml



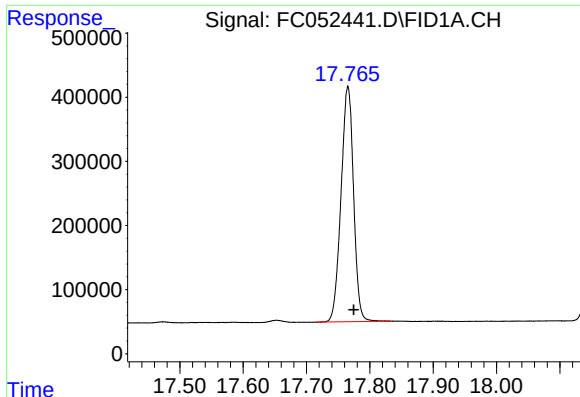
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: -0.009 min
Response: 5469312
Conc: 49.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.011 min
Response: 5348199
Conc: 52.18 ug/ml



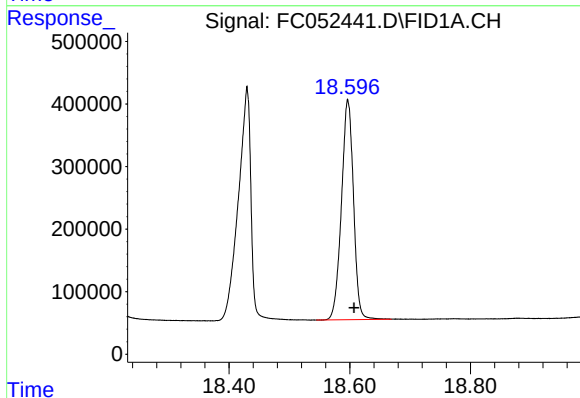
#17 n-Tricontane (C30)

R.T.: 17.765 min
Delta R.T.: -0.009 min
Response: 5047540
Conc: 53.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135153BSD

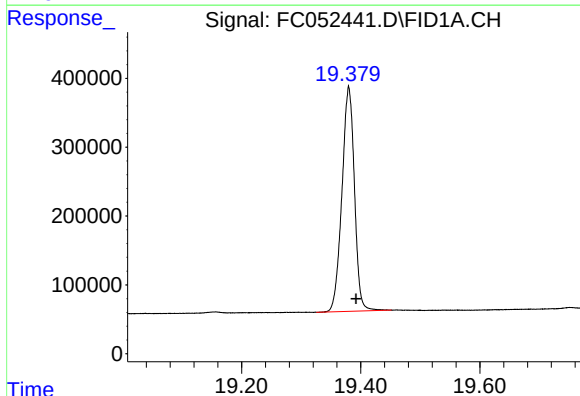
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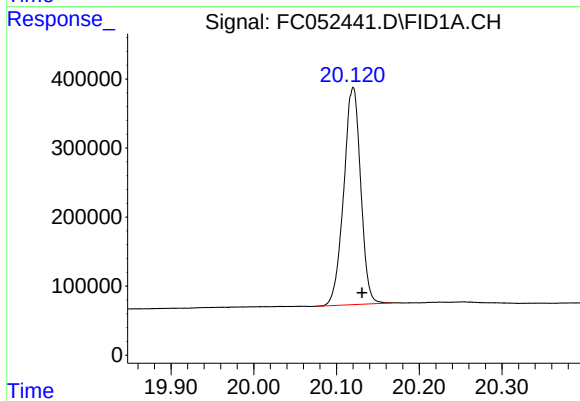
#18 n-Dotriacontane (C32)

R.T.: 18.597 min
Delta R.T.: -0.011 min
Response: 4870432
Conc: 57.04 ug/ml



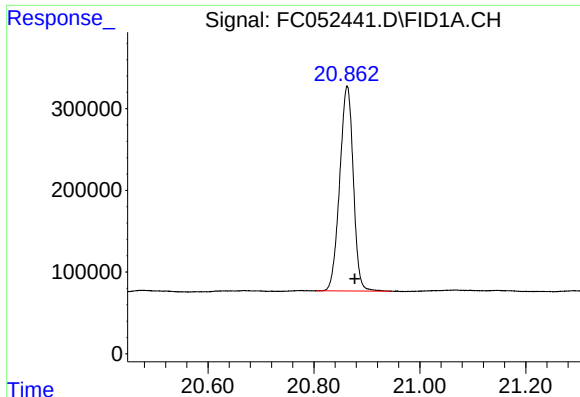
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.012 min
Response: 4757600
Conc: 61.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.011 min
Response: 4486297
Conc: 62.43 ug/ml m



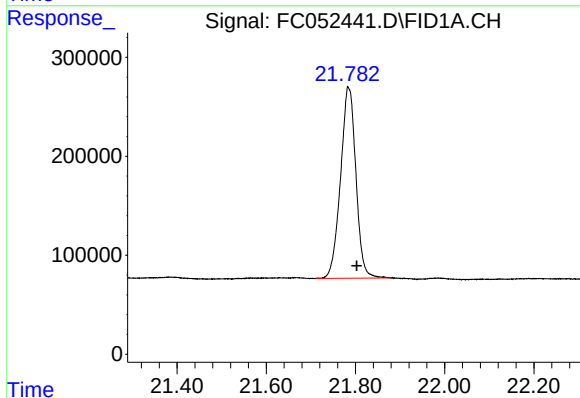
#21 n-Octatriacontane (C38)

R.T.: 20.863 min
Delta R.T.: -0.014 min
Response: 4468722
Conc: 65.24 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135153BSD

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#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: -0.019 min
Response: 4611692
Conc: 64.13 ug/ml