

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058962.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2022 3:49
 Operator : UA/NP
 Sample : PB143710BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143710BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 07:16:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.096	6202909	43.051 ug/ml
Spiked Amount 50.000		Recovery =	86.10%
12) S 1-chlorooctadecane (S...	12.543	5011108	44.704 ug/ml
Spiked Amount 50.000		Recovery =	89.41%
Target Compounds			
1) T n-Nonane (C9)	2.965	4844508	39.532 ug/ml
2) T n-Decane (C10)	4.002	4930326	40.233 ug/ml
3) T A~Naphthalene (C11.7)	5.542	5702018	45.415 ug/ml
4) T n-Dodecane (C12)	5.995	5582431	43.706 ug/ml
5) T A~2-methylnaphthalene...	6.591	5782744	45.108 ug/ml
6) T n-Tetradecane (C14)	7.782	5803109	44.632 ug/ml
7) T n-Hexadecane (C16)	9.371	5845680	44.021 ug/ml
8) T n-Octadecane (C18)	10.805	6018658	45.268 ug/ml
10) T n-Eicosane (C20)	12.109	5099404	38.920 ug/mlm
11) T n-Heneicosane (C21)	12.716	5775237	44.262 ug/ml
13) T n-Docosane (C22)	13.299	5718582	44.144 ug/ml
14) T n-Tetracosane (C24)	14.396	6172095	48.859 ug/ml
15) T n-Hexacosane (C26)	15.414	5346842	44.265 ug/ml
16) T n-Octacosane (C28)	16.358	5327462	44.991 ug/ml
17) T n-Tricontane (C30)	17.242	4950044	43.392 ug/ml
18) T n-Dotriacontane (C32)	18.069	4892006	45.664 ug/ml
19) T n-Tetratriacontane (C34)	18.849	4770534	47.216 ug/ml
20) T n-Hexatriacontane (C36)	19.586	4749269	49.705 ug/ml
21) T n-Octatriacontane (C38)	20.282	4687854	50.945 ug/mlm
22) T n-Tetracontane (C40)	21.028	4761252	51.230 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB143710BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

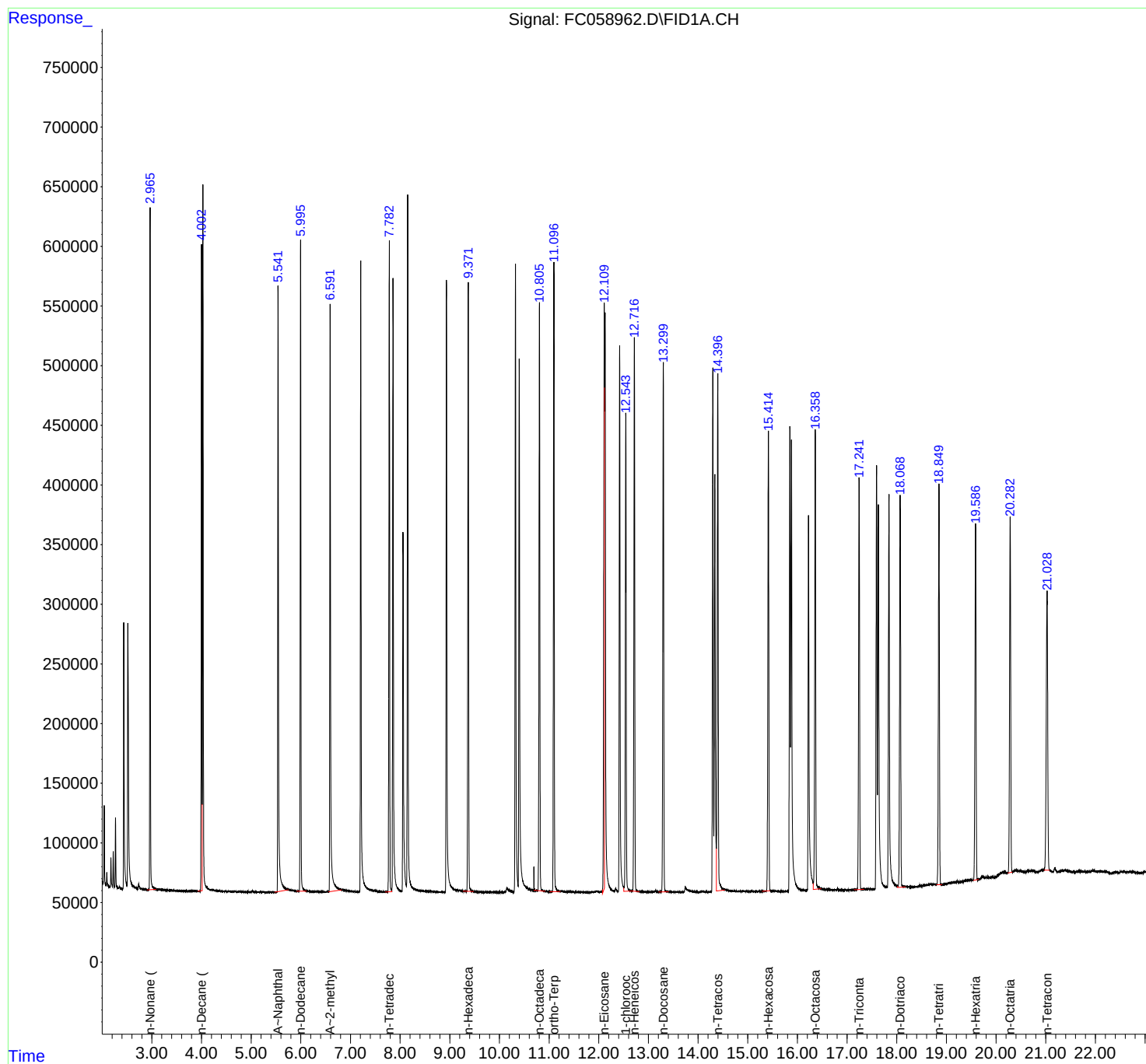
Instrument :
FID_C
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PB143710BSD

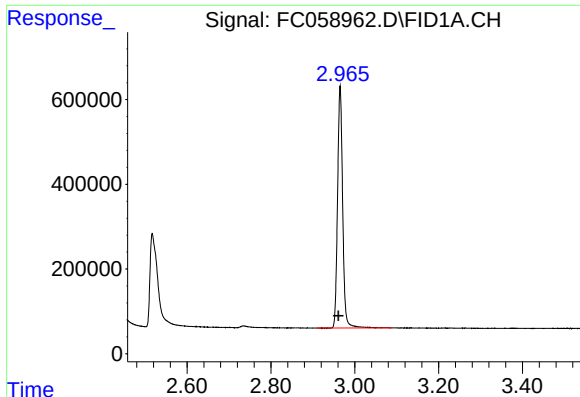
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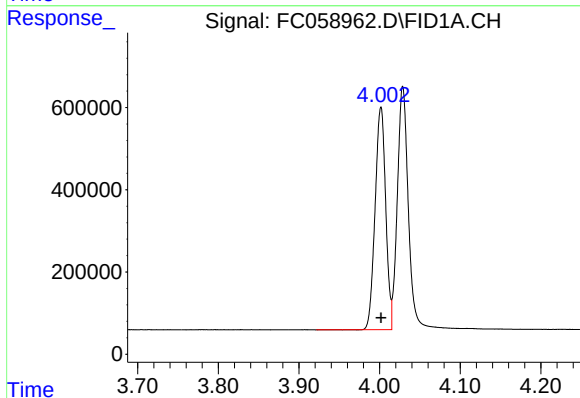
#1 n-Nonane (C9)

R.T.: 2.965 min
Delta R.T.: 0.004 min
Response: 4844508
Conc: 39.53 ug/ml

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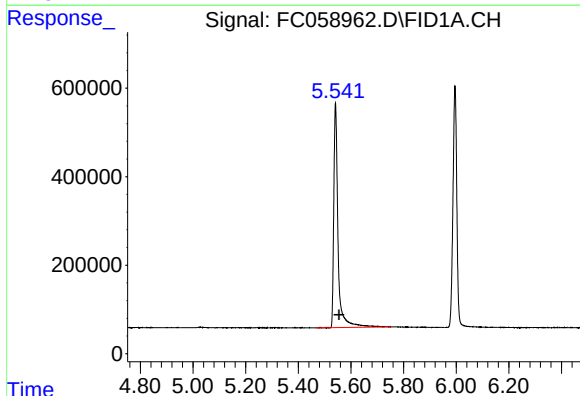
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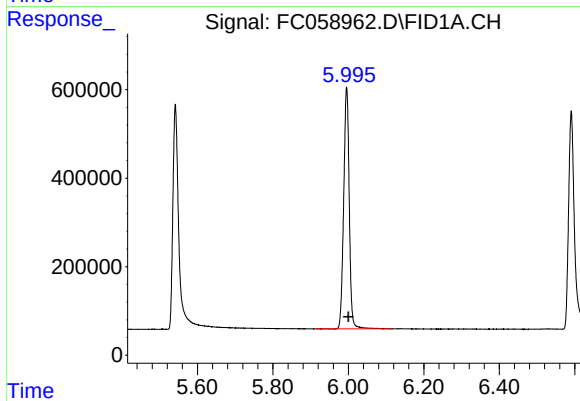
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 4930326
Conc: 40.23 ug/ml



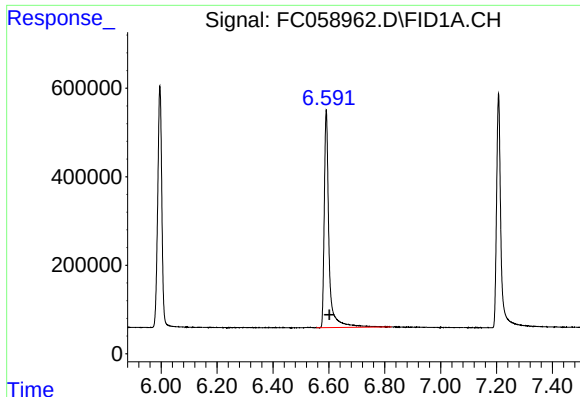
#3 A~Naphthalene (C11.7)

R.T.: 5.542 min
Delta R.T.: -0.014 min
Response: 5702018
Conc: 45.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.995 min
Delta R.T.: -0.005 min
Response: 5582431
Conc: 43.71 ug/ml



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

R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 5782744
Conc: 45.11 ug/ml

Instrument :

FID_C

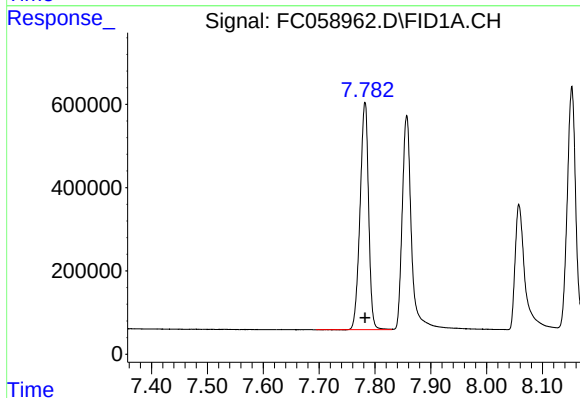
ClientSampleId :

PB143710BSD

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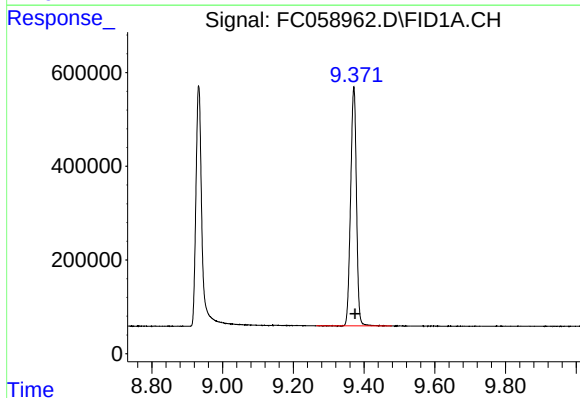
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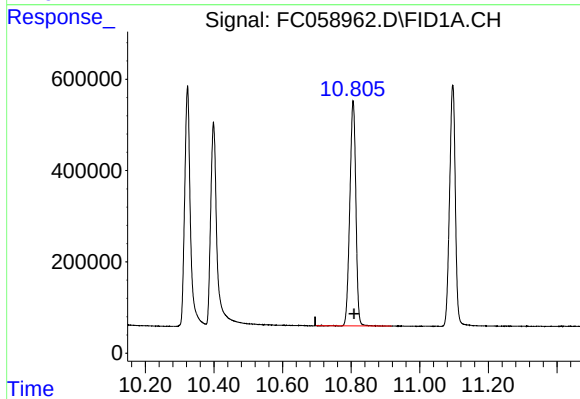
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 5803109
Conc: 44.63 ug/ml



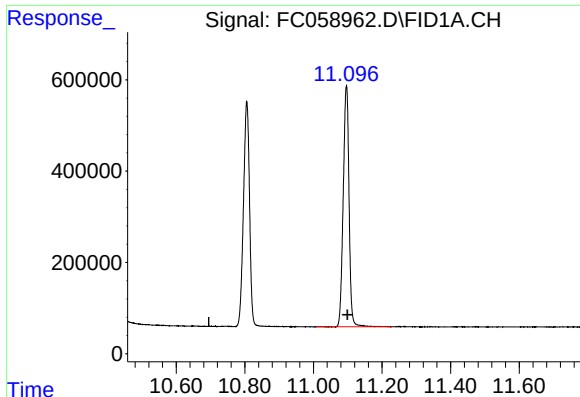
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: -0.004 min
Response: 5845680
Conc: 44.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: -0.003 min
Response: 6018658
Conc: 45.27 ug/ml



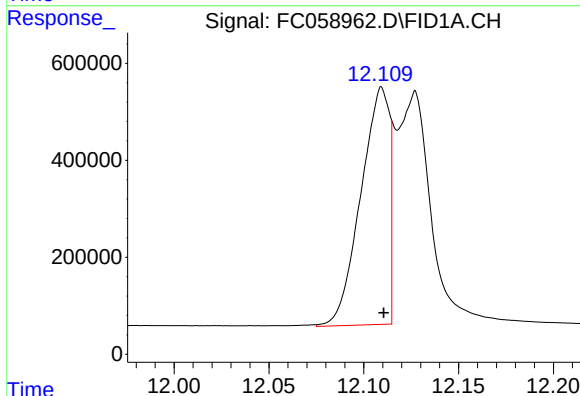
#9 ortho-Terphenyl (SURR)

R.T.: 11.096 min
Delta R.T.: -0.003 min
Response: 6202909
Conc: 43.05 ug/ml

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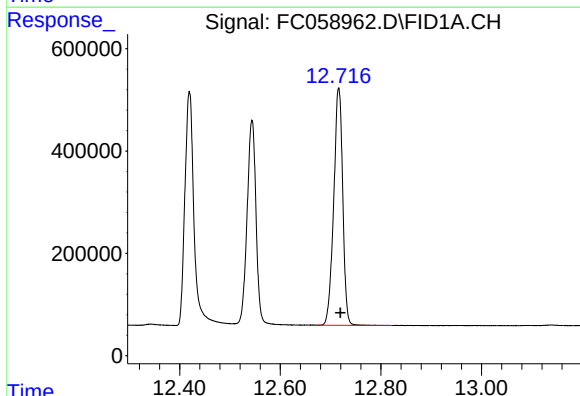
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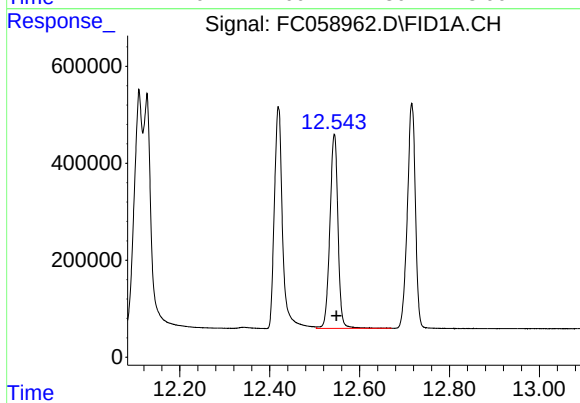
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: -0.002 min
Response: 5099404
Conc: 38.92 ug/ml m



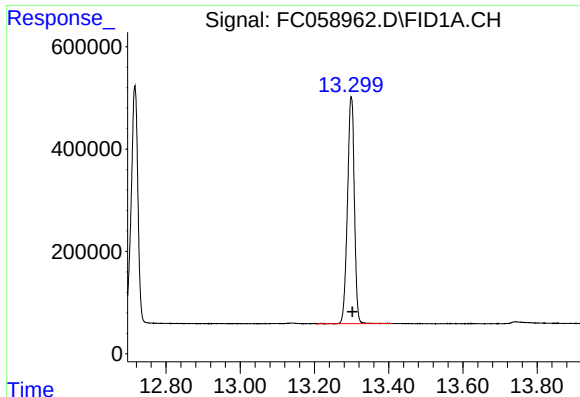
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: -0.004 min
Response: 5775237
Conc: 44.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.543 min
Delta R.T.: -0.005 min
Response: 5011108
Conc: 44.70 ug/ml



#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: -0.004 min
Response: 5718582
Conc: 44.14 ug/ml

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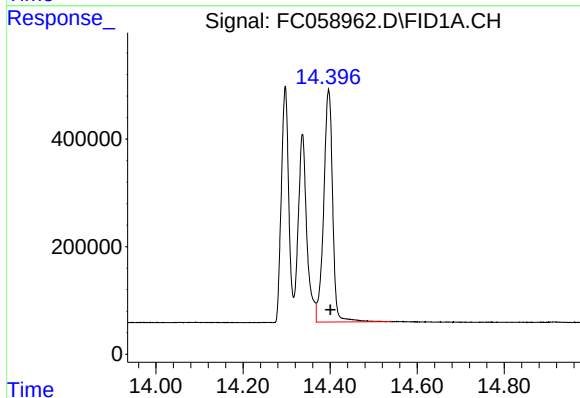
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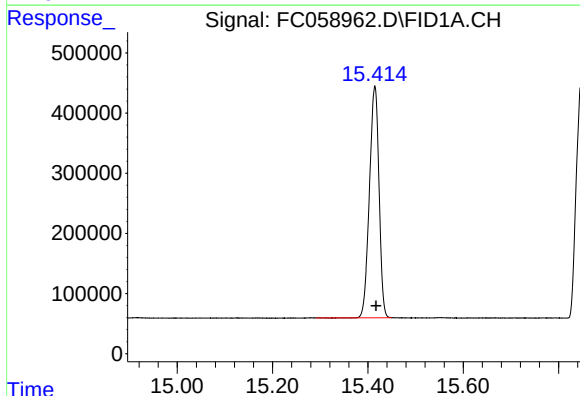
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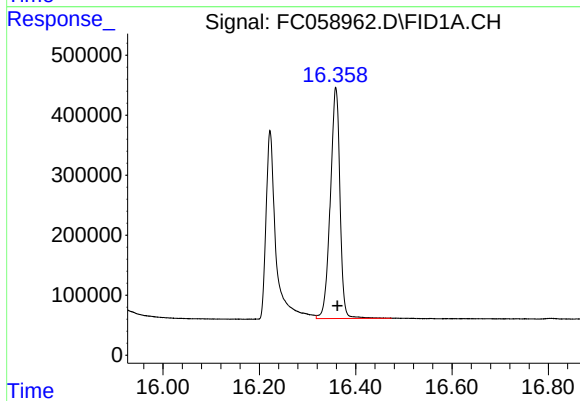
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 6172095
Conc: 48.86 ug/ml



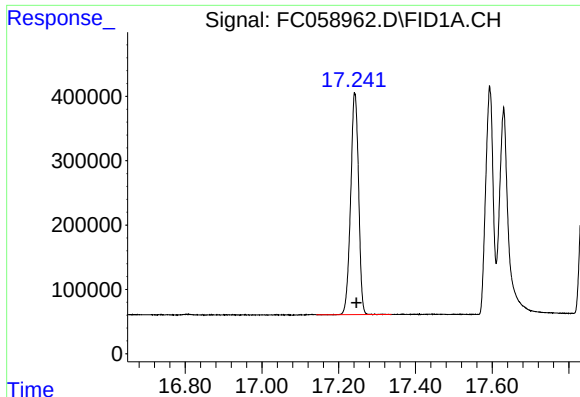
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: -0.003 min
Response: 5346842
Conc: 44.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.358 min
Delta R.T.: -0.004 min
Response: 5327462
Conc: 44.99 ug/ml



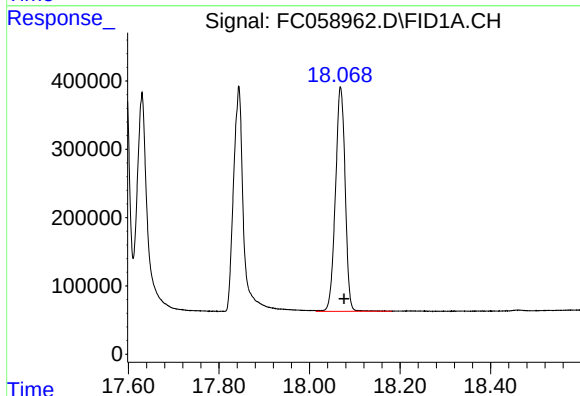
#17 n-Tricontane (C30)

R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 4950044
Conc: 43.39 ug/ml

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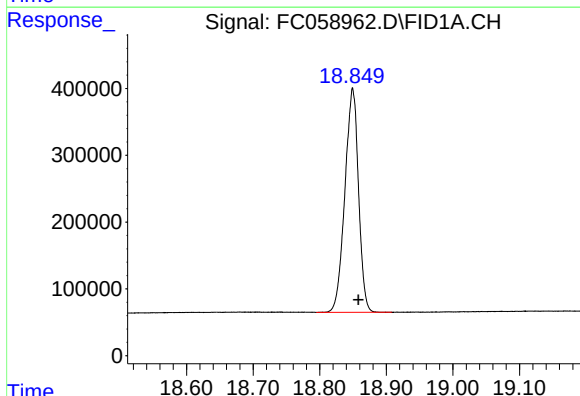
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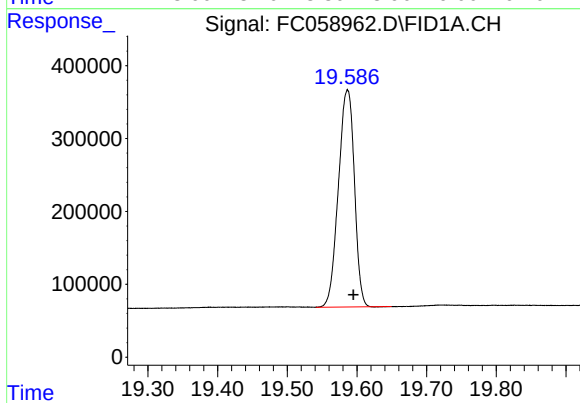
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: -0.008 min
Response: 4892006
Conc: 45.66 ug/ml



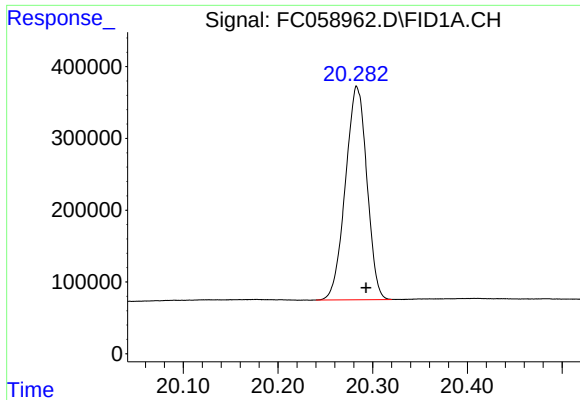
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: -0.009 min
Response: 4770534
Conc: 47.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.586 min
Delta R.T.: -0.009 min
Response: 4749269
Conc: 49.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.282 min
Delta R.T.: -0.011 min
Response: 4687854
Conc: 50.94 ug/ml

Instrument :

FID_C

ClientSampleId :

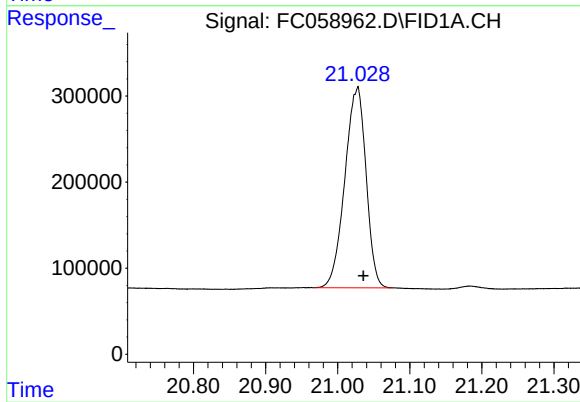
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#22 n-Tetracontane (C40)

R.T.: 21.028 min
Delta R.T.: -0.008 min
Response: 4761252
Conc: 51.23 ug/ml m