

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062321AL\
 Data File : FC054403.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2021 00:03
 Operator : DD\AJ
 Sample : M2815-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SH-1MS

Manual Integrations
 APPROVED

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 6/24/2021 12:59:45 PM

Integration File: autoint1.e
 Quant Time: Jun 24 02:19:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.344	5210410	34.310 ug/mlm
Spiked Amount 50.000		Recovery =	68.62%
12) S 1-chlorooctadecane (S...	12.785	4147606	35.209 ug/ml
Spiked Amount 50.000		Recovery =	70.42%
Target Compounds			
1) T n-Nonane (C9)	3.152	4003375	31.109 ug/ml
2) T n-Decane (C10)	4.209	4641294	36.207 ug/ml
3) T A~Naphthalene (C11.7)	5.775	5620286	38.910 ug/ml
4) T n-Dodecane (C12)	6.217	5251517	40.047 ug/ml
5) T A~2-methylnaphthalene...	6.829	5571061	38.588 ug/ml
6) T n-Tetradecane (C14)	8.008	5510585	41.564 ug/ml
7) T n-Hexadecane (C16)	9.602	5586706	41.301 ug/ml
8) T n-Octadecane (C18)	11.040	5683827	40.724 ug/ml
10) T n-Eicosane (C20)	12.346	5383937	38.776 ug/ml
11) T n-Heneicosane (C21)	12.955	5300669	37.945 ug/ml
13) T n-Docosane (C22)	13.540	5209437	37.648 ug/ml
14) T n-Tetracosane (C24)	14.639	5047822	36.654 ug/mlm
15) T n-Hexacosane (C26)	15.661	4931025	36.609 ug/mlm
16) T n-Octacosane (C28)	16.608	5048082	38.097 ug/ml
17) T n-Tricontane (C30)	17.496	4921480	38.290 ug/ml
18) T n-Dotriacontane (C32)	18.326	4868771	39.571 ug/ml
19) T n-Tetratriacontane (C34)	19.111	4691223	40.101 ug/mlm
20) T n-Hexatriacontane (C36)	19.849	4408762	39.942 ug/ml
21) T n-Octatriacontane (C38)	20.554	4150237	40.599 ug/mlm
22) T n-Tetracontane (C40)	21.381	4211455	39.360 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2815-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

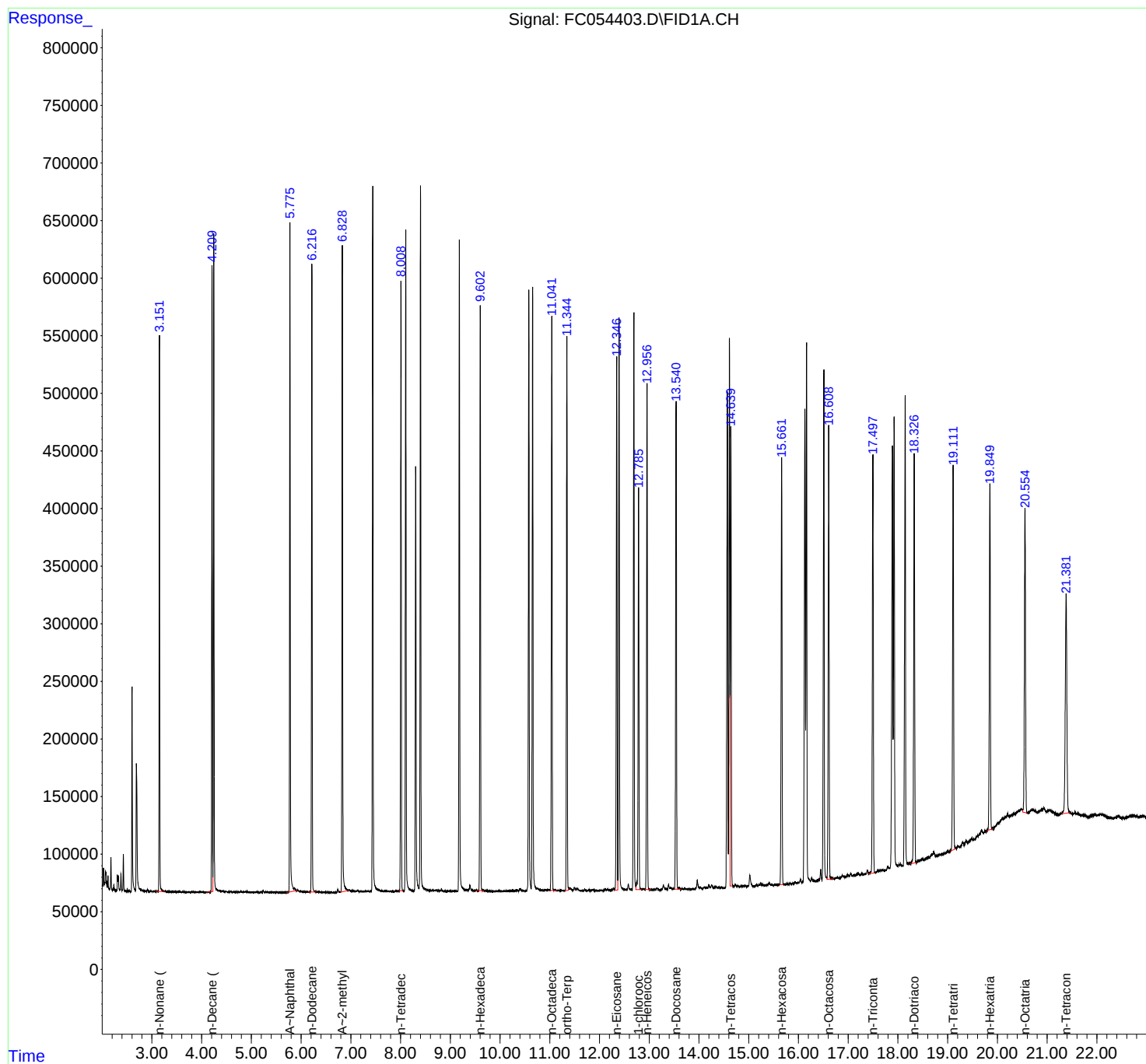
Instrument :
FID_C
ClientSampleId :
SH-1MS

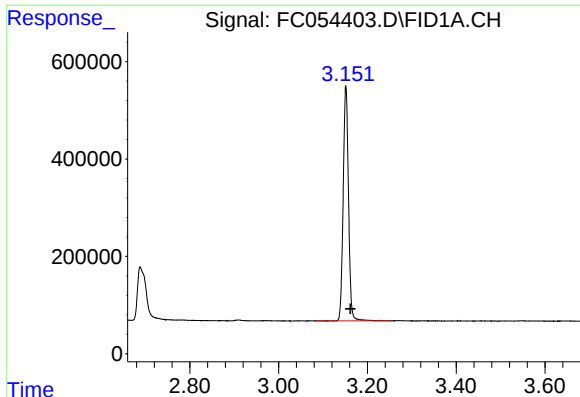
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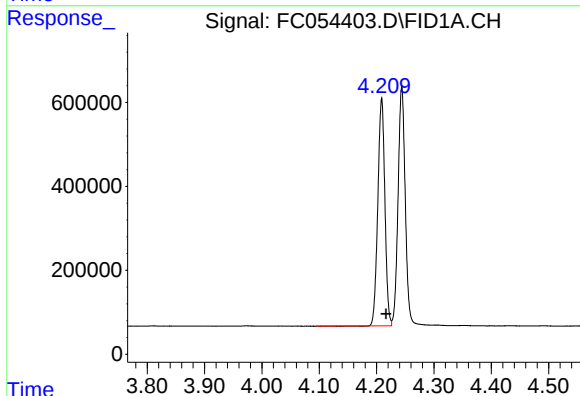
#1 n-Nonane (C9)

R.T.: 3.152 min
Delta R.T.: -0.010 min
Response: 4003375
Conc: 31.11 ug/ml

Instrument :
FID_C
ClientSampleId :
SH-1MS

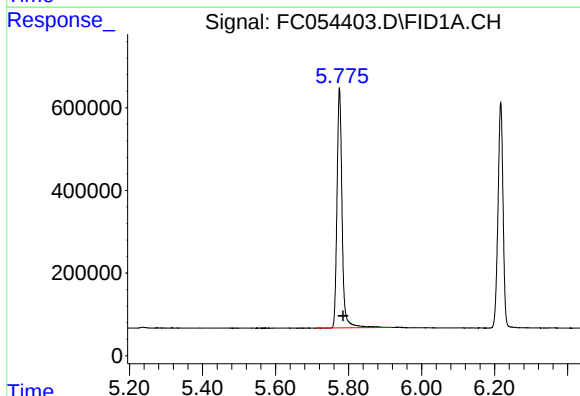
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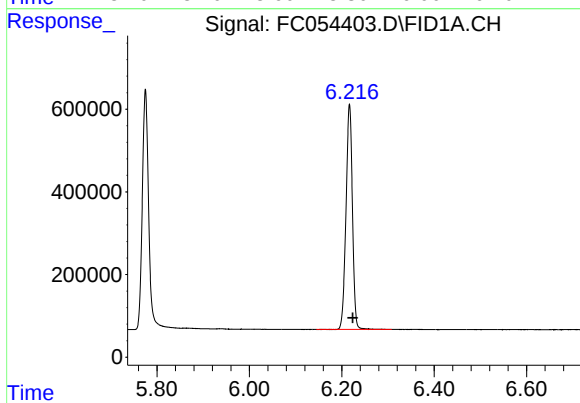
#2 n-Decane (C10)

R.T.: 4.209 min
Delta R.T.: -0.008 min
Response: 4641294
Conc: 36.21 ug/ml



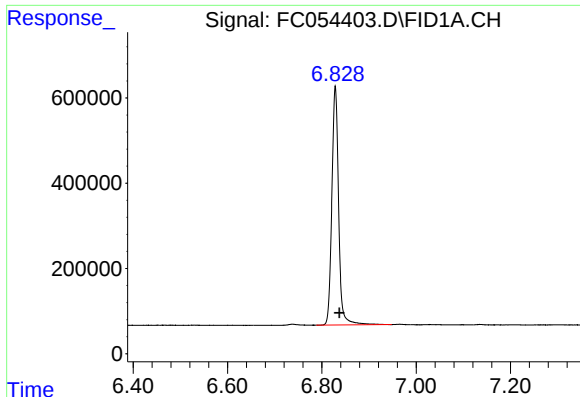
#3 A~Naphthalene (C11.7)

R.T.: 5.775 min
Delta R.T.: -0.010 min
Response: 5620286
Conc: 38.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 5251517
Conc: 40.05 ug/ml



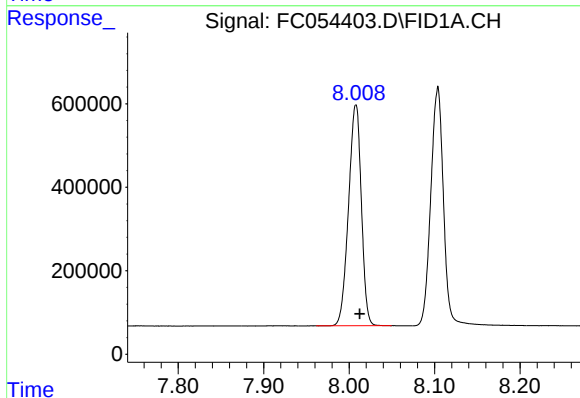
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.829 min
Delta R.T.: -0.009 min
Response: 5571061
Conc: 38.59 ug/ml

Instrument :
FID_C
ClientSampleId :
SH-1MS

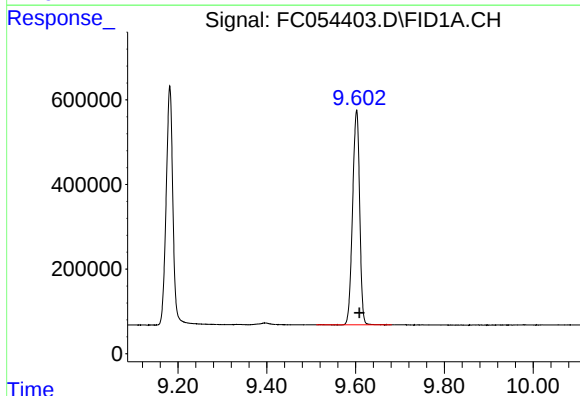
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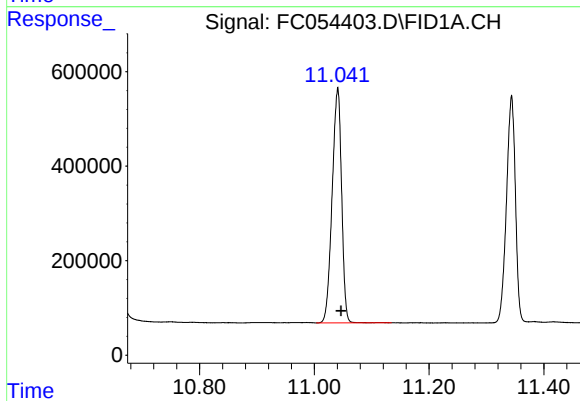
#6 n-Tetradecane (C14)

R.T.: 8.008 min
Delta R.T.: -0.005 min
Response: 5510585
Conc: 41.56 ug/ml



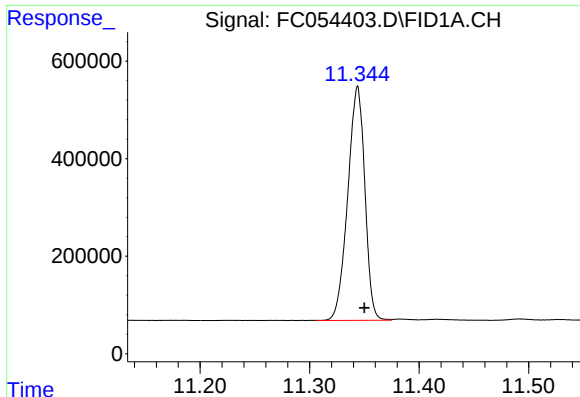
#7 n-Hexadecane (C16)

R.T.: 9.602 min
Delta R.T.: -0.006 min
Response: 5586706
Conc: 41.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.040 min
Delta R.T.: -0.006 min
Response: 5683827
Conc: 40.72 ug/ml



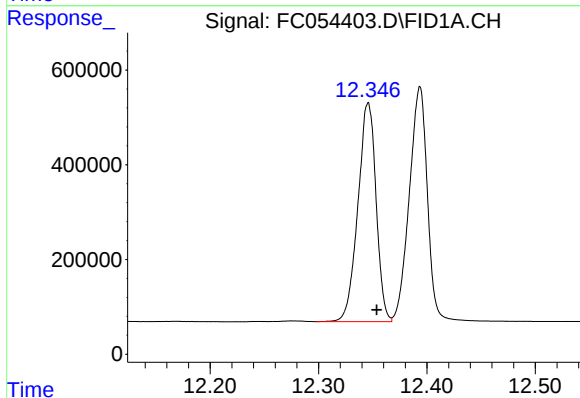
#9 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.006 min
Response: 5210410
Conc: 34.31 ug/ml m

Instrument :
FID_C
ClientSampleId :
SH-1MS

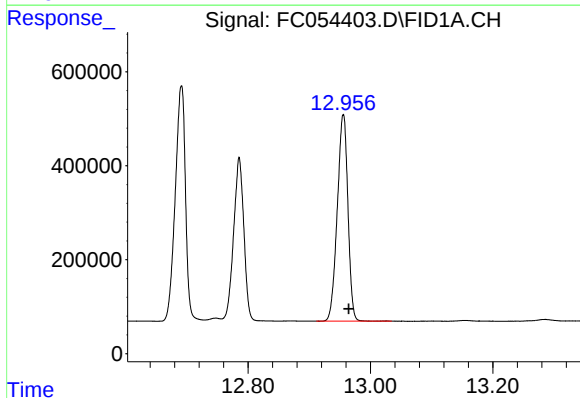
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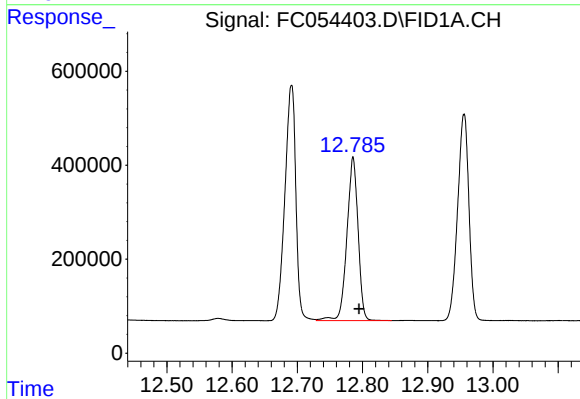
#10 n-Eicosane (C20)

R.T.: 12.346 min
Delta R.T.: -0.008 min
Response: 5383937
Conc: 38.78 ug/ml



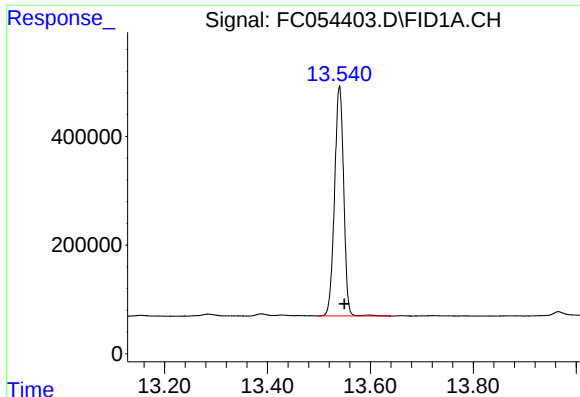
#11 n-Heneicosane (C21)

R.T.: 12.955 min
Delta R.T.: -0.009 min
Response: 5300669
Conc: 37.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.785 min
Delta R.T.: -0.010 min
Response: 4147606
Conc: 35.21 ug/ml



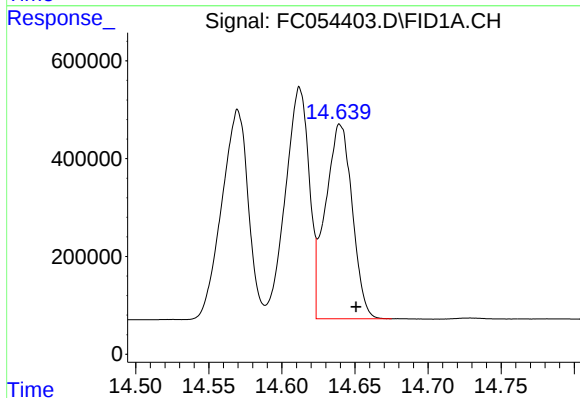
#13 n-Docosane (C22)

R.T.: 13.540 min
Delta R.T.: -0.009 min
Response: 5209437
Conc: 37.65 ug/ml

Instrument :
FID_C
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SH-1MS

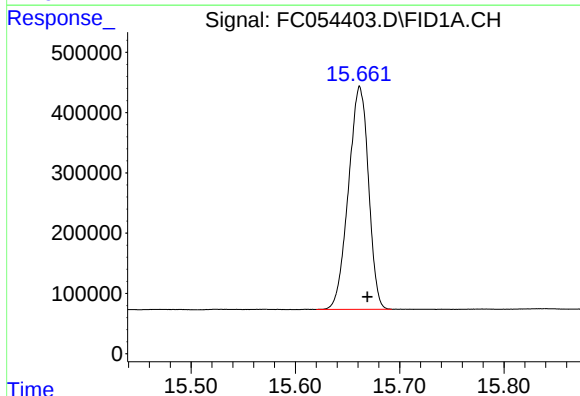
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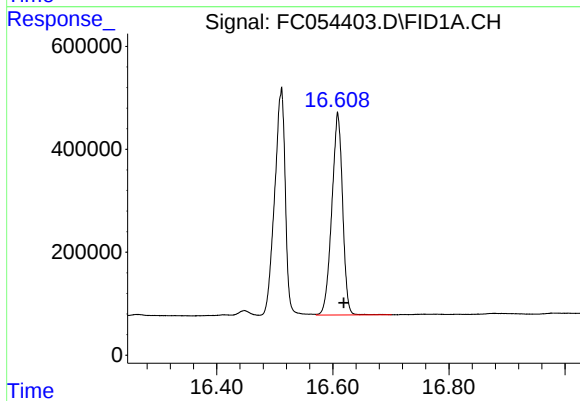
#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: -0.012 min
Response: 5047822
Conc: 36.65 ug/ml m



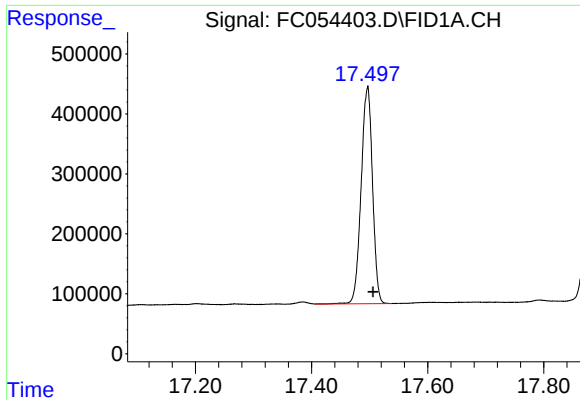
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: -0.008 min
Response: 4931025
Conc: 36.61 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.608 min
Delta R.T.: -0.011 min
Response: 5048082
Conc: 38.10 ug/ml



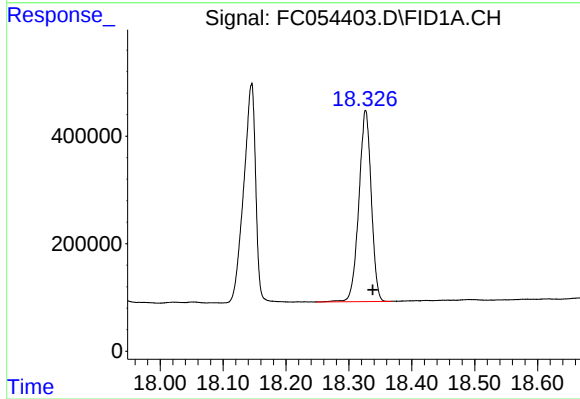
#17 n-Tricontane (C30)

R.T.: 17.496 min
Delta R.T.: -0.010 min
Response: 4921480
Conc: 38.29 ug/ml

Instrument :
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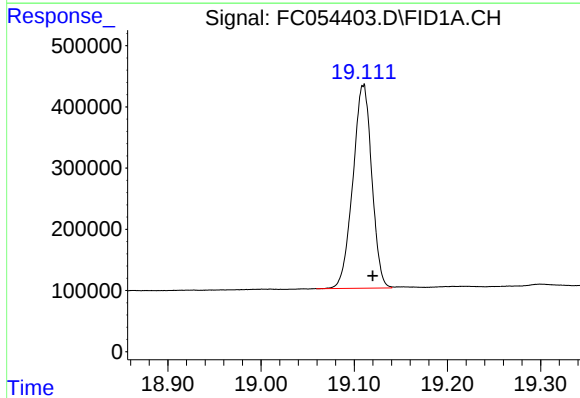
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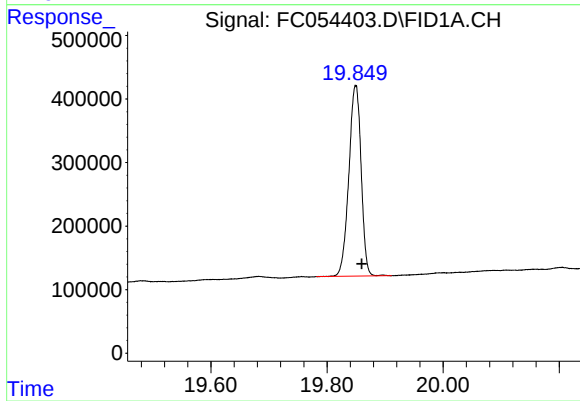
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: -0.012 min
Response: 4868771
Conc: 39.57 ug/ml



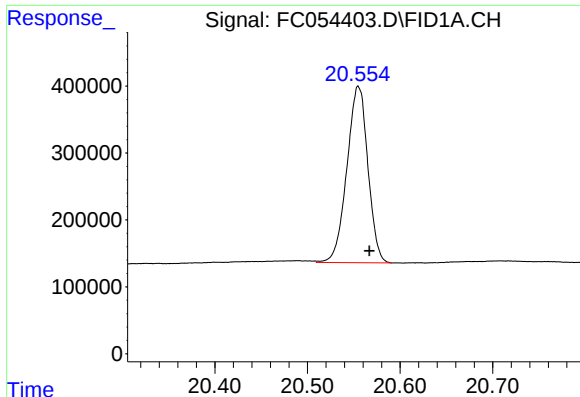
#19 n-Tetratriacontane (C34)

R.T.: 19.111 min
Delta R.T.: -0.009 min
Response: 4691223
Conc: 40.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.849 min
Delta R.T.: -0.011 min
Response: 4408762
Conc: 39.94 ug/ml



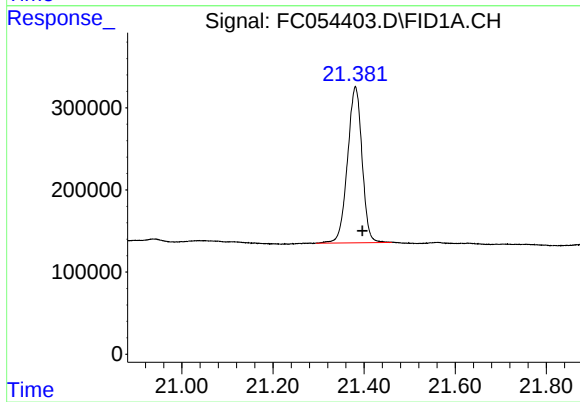
#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: -0.013 min
Response: 4150237
Conc: 40.60 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.381 min
Delta R.T.: -0.016 min
Response: 4211455
Conc: 39.36 ug/ml m