

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040120AL\
 Data File : FC046581.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2020 1:04
 Operator : DD\AJ
 Sample : PB127929BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB127929BS

Manual Integrations
 APPROVED

Sohil
 4/3/2020 9:11:28 AM

Integration File: autoint1.e
 Quant Time: Apr 02 02:15:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.766	4260327	38.973 ug/ml
Spiked Amount 50.000		Recovery =	77.95%
12) S 1-chlorooctadecane (S...	13.183	3523152	40.882 ug/ml
Spiked Amount 50.000		Recovery =	81.76%
Target Compounds			
1) T n-Nonane (C9)	3.558	4119778	42.898 ug/ml
2) T n-Decane (C10)	4.620	4273162	44.491 ug/ml
3) T A~Naphthalene (C11.7)	6.216	4785235	47.758 ug/ml
4) T n-Dodecane (C12)	6.623	4357120	44.639 ug/ml
5) T A~2-methylnaphthalene...	7.266	4848859	47.960 ug/ml
6) T n-Tetradecane (C14)	8.407	4533270	46.037 ug/ml
7) T n-Hexadecane (C16)	9.998	4456007	44.634 ug/ml
8) T n-Octadecane (C18)	11.434	4469031	44.031 ug/ml
10) T n-Eicosane (C20)	12.737	4363223	42.680 ug/ml
11) T n-Heneicosane (C21)	13.346	4295021	41.657 ug/ml
13) T n-Docosane (C22)	13.930	4300076	41.889 ug/ml
14) T n-Tetracosane (C24)	15.019	8364260	81.028 ug/ml
15) T n-Hexacosane (C26)	16.045	4095203	39.914 ug/ml
16) T n-Octacosane (C28)	16.990	4116293	40.445 ug/ml
17) T n-Tricontane (C30)	17.875	4091592	41.762 ug/ml
18) T n-Dotriacontane (C32)	18.702	4031030	48.080 ug/ml
19) T n-Tetratriacontane (C34)	19.482	3593379	50.154 ug/mlm
20) T n-Hexatriacontane (C36)	20.217	2832441	40.432 ug/mlm
21) T n-Octatriacontane (C38)	20.983	1974590	31.292 ug/ml
22) T n-Tetracontane (C40)	21.943	1410899	20.389 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 02 Apr 2020 1:04
Operator : DD\AJ
Sample : PB127929BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

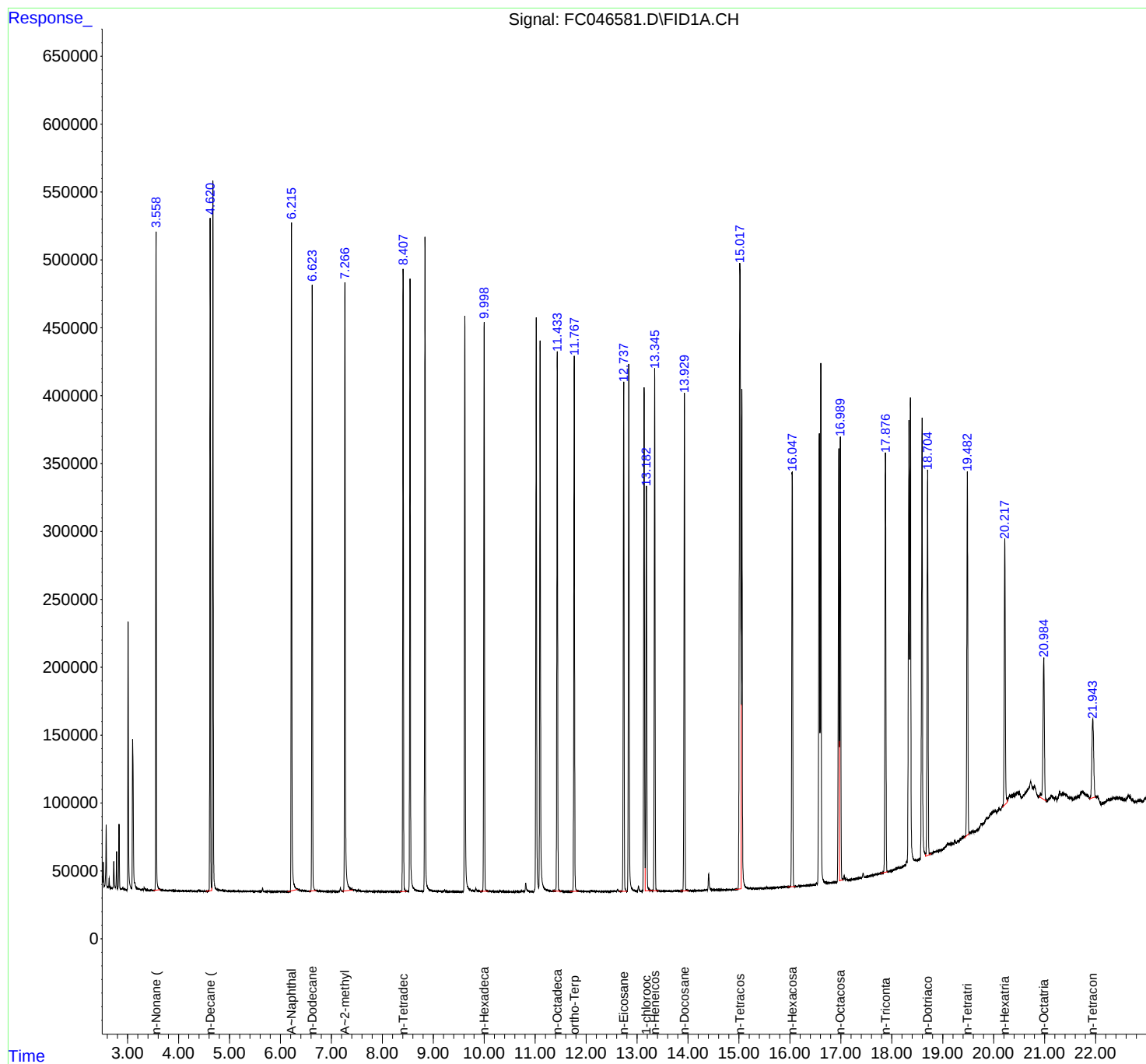
Instrument :
FID_C
ClientSampled :
PB127929BS

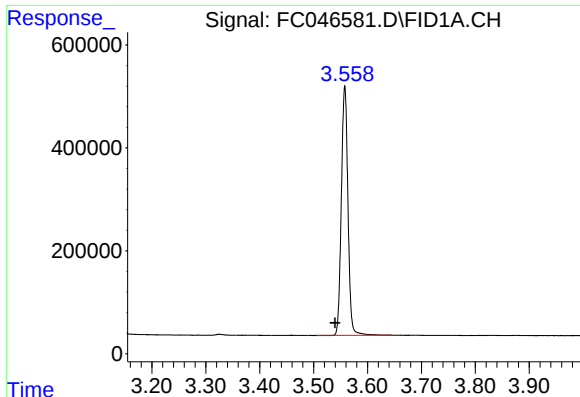
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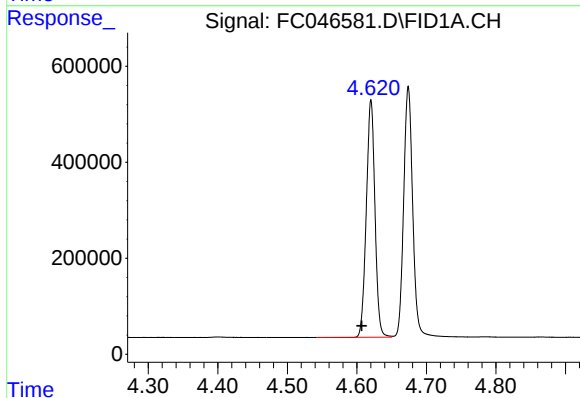
#1 n-Nonane (C9)

R.T.: 3.558 min
Delta R.T.: 0.018 min
Response: 4119778
Conc: 42.90 ug/ml

Instrument :
FID_C
ClientSampleId :
PB127929BS

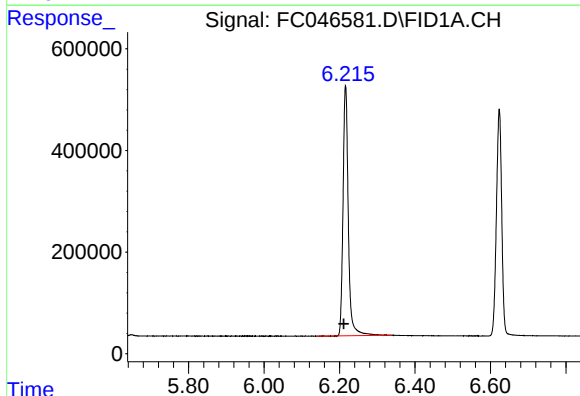
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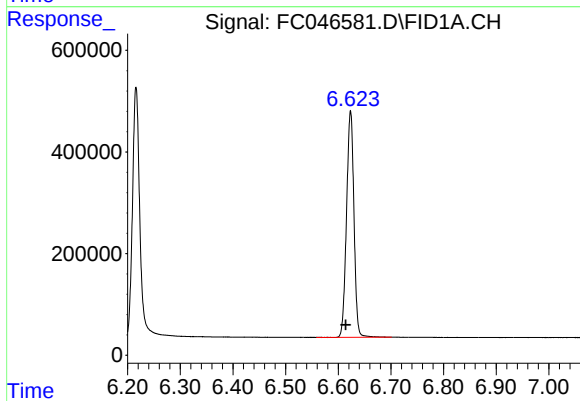
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.013 min
Response: 4273162
Conc: 44.49 ug/ml



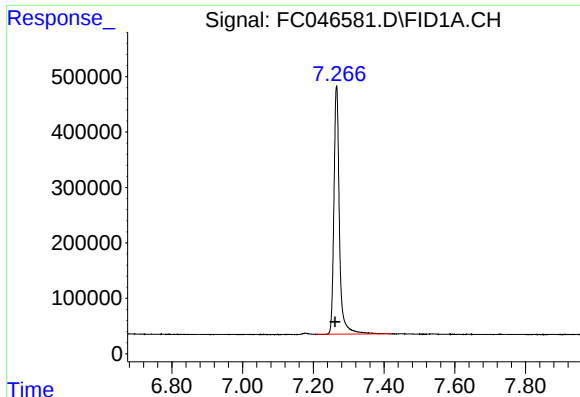
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.005 min
Response: 4785235
Conc: 47.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.623 min
Delta R.T.: 0.009 min
Response: 4357120
Conc: 44.64 ug/ml



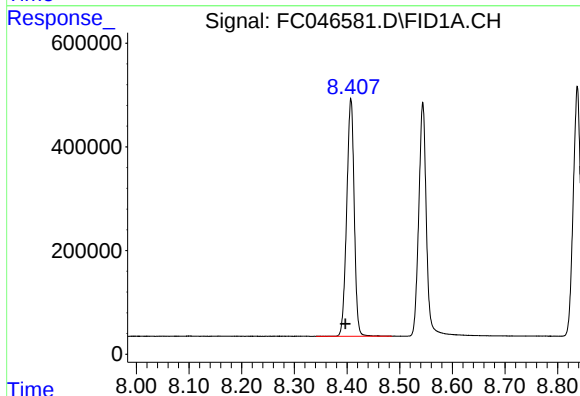
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 4848859
Conc: 47.96 ug/ml

Instrument :
FID_C
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PB127929BS

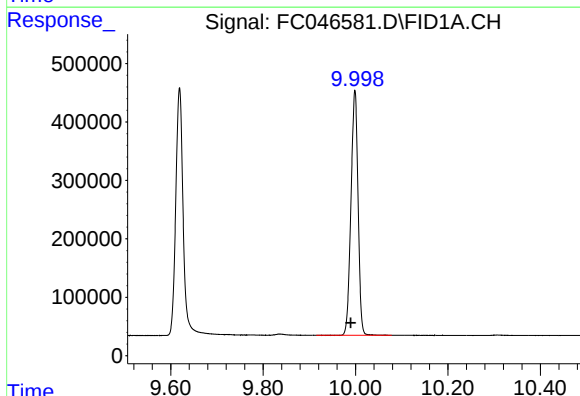
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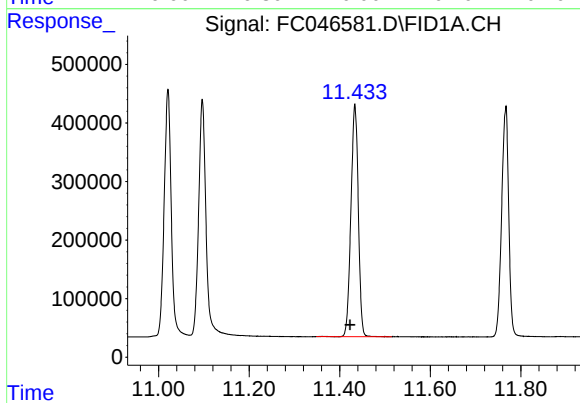
#6 n-Tetradecane (C14)

R.T.: 8.407 min
Delta R.T.: 0.010 min
Response: 4533270
Conc: 46.04 ug/ml



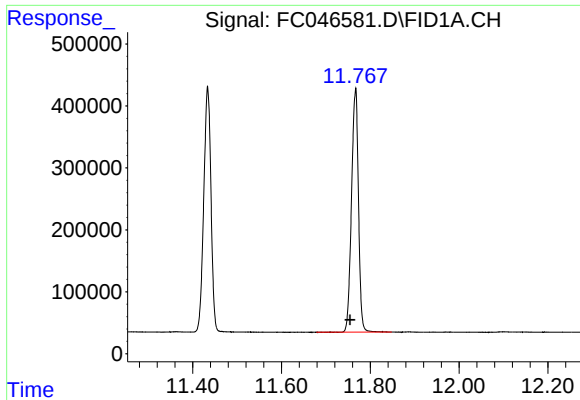
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.008 min
Response: 4456007
Conc: 44.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.434 min
Delta R.T.: 0.010 min
Response: 4469031
Conc: 44.03 ug/ml



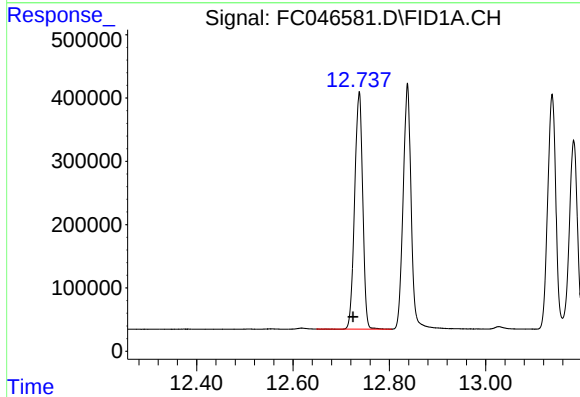
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min
Delta R.T.: 0.012 min
Response: 4260327
Conc: 38.97 ug/ml

Instrument :
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PB127929BS

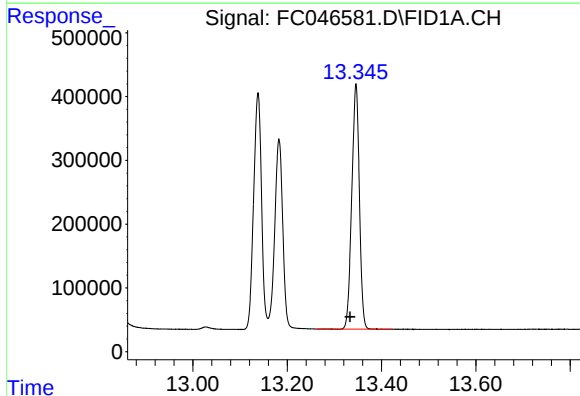
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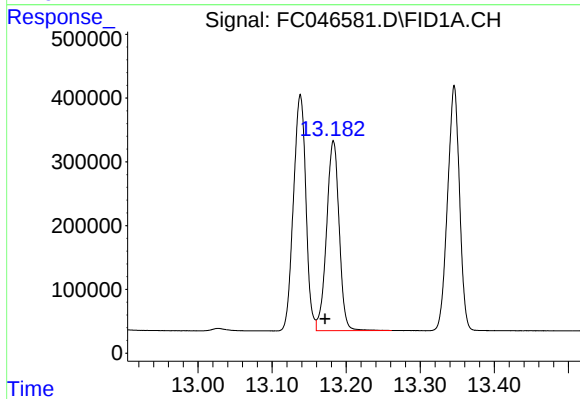
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: 0.012 min
Response: 4363223
Conc: 42.68 ug/ml



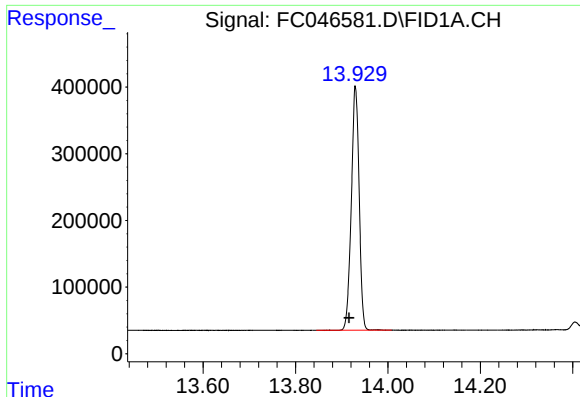
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: 0.012 min
Response: 4295021
Conc: 41.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: 0.011 min
Response: 3523152
Conc: 40.88 ug/ml



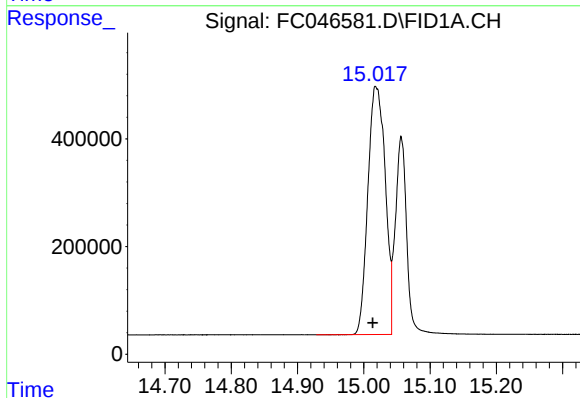
#13 n-Docosane (C22)

R.T.: 13.930 min
Delta R.T.: 0.014 min
Response: 4300076
Conc: 41.89 ug/ml

Instrument :
FID_C
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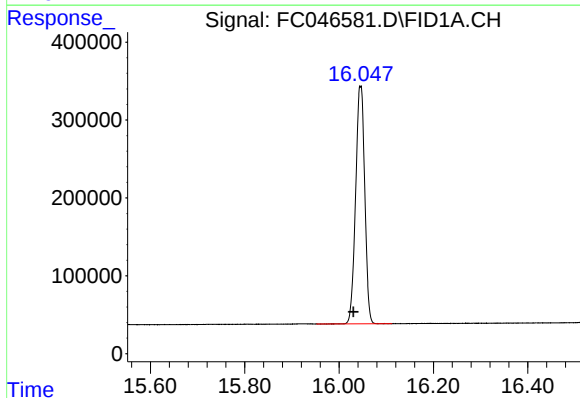
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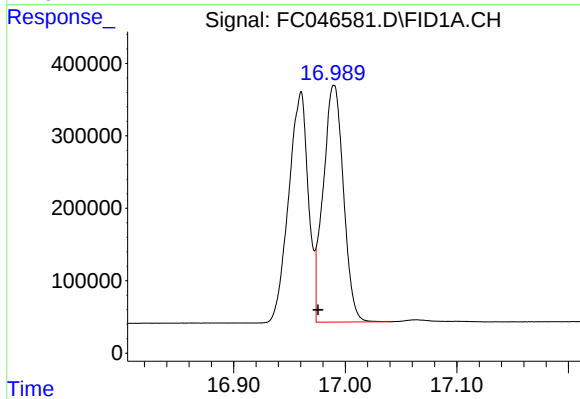
#14 n-Tetracosane (C24)

R.T.: 15.019 min
Delta R.T.: 0.006 min
Response: 8364260
Conc: 81.03 ug/ml



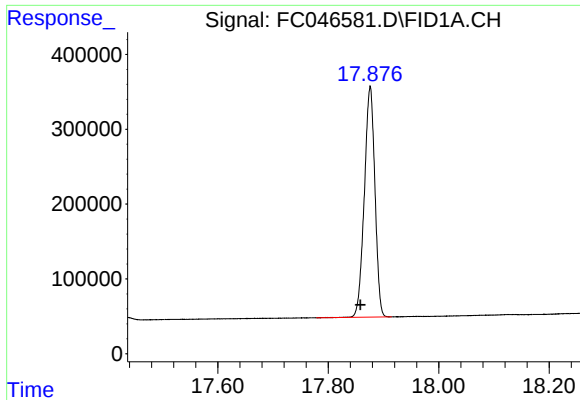
#15 n-Hexacosane (C26)

R.T.: 16.045 min
Delta R.T.: 0.015 min
Response: 4095203
Conc: 39.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.990 min
Delta R.T.: 0.014 min
Response: 4116293
Conc: 40.45 ug/ml



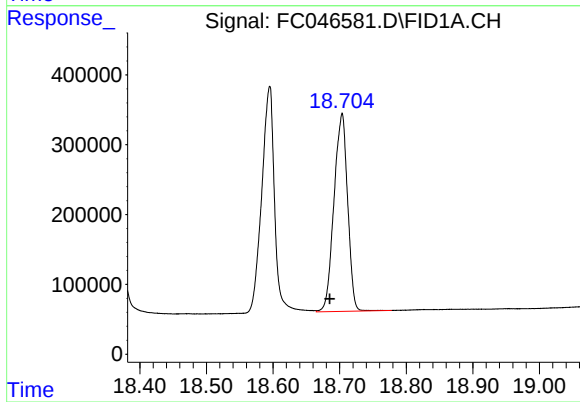
#17 n-Tricontane (C30)

R.T.: 17.875 min
Delta R.T.: 0.017 min
Response: 4091592
Conc: 41.76 ug/ml

Instrument :
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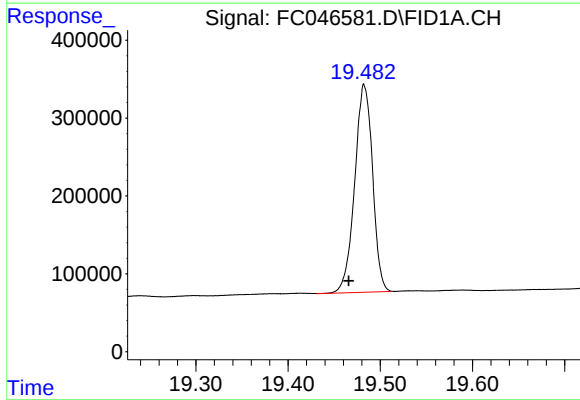
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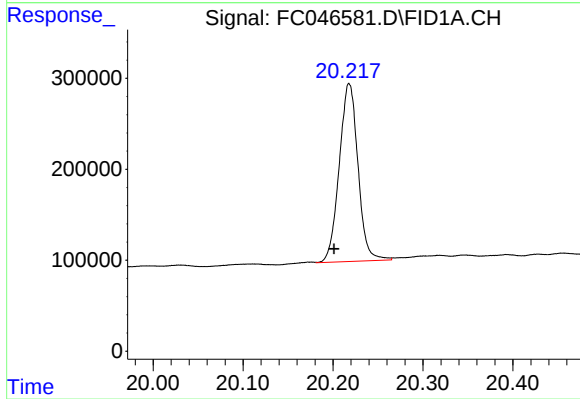
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: 0.017 min
Response: 4031030
Conc: 48.08 ug/ml



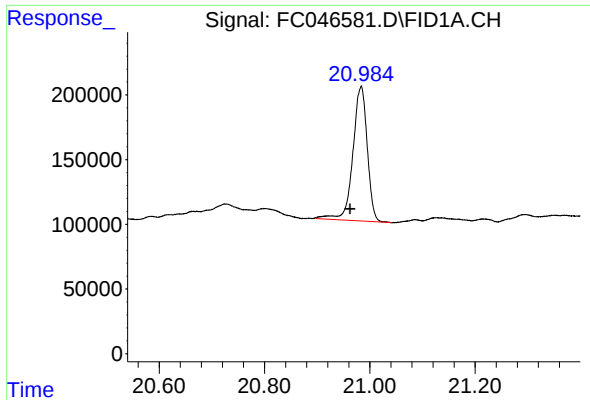
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.016 min
Response: 3593379
Conc: 50.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.217 min
Delta R.T.: 0.016 min
Response: 2832441
Conc: 40.43 ug/ml m



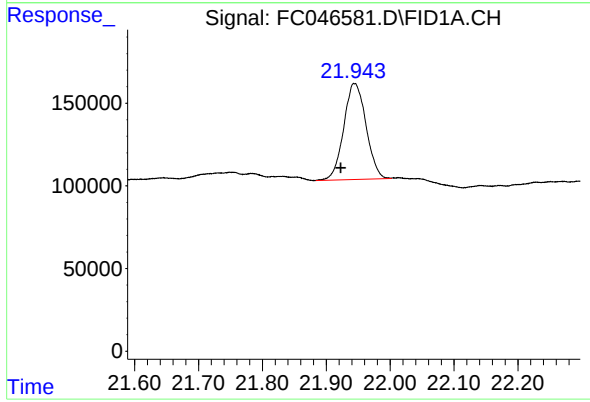
#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: 0.020 min
Response: 1974590
Conc: 31.29 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: 0.020 min
Response: 1410899
Conc: 20.39 ug/ml m