

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081919AL\
 Data File : FC042981.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2019 10:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 8/20/2019 6:01:52 PM

Integration File: autoint1.e
 Quant Time: Aug 20 01:37:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 2019
 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)	11.681	2549487	17.948 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
12) S 1-chlorooctadecane (S...	13.102	2078618	17.512 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
Target Compounds			
1) T n-Nonane (C9)	3.485	2510956	20.248 ug/ml
2) T n-Decane (C10)	4.547	2546436	20.297 ug/ml
3) T A~Naphthalene (C11.7)	6.135	2726433	20.127 ug/ml
4) T n-Dodecane (C12)	6.551	2568792	20.253 ug/ml
5) T A~2-methylnaphthalene...	7.185	2719179	19.990 ug/ml
6) T n-Tetradecane (C14)	8.333	2556854	20.039 ug/ml
7) T n-Hexadecane (C16)	9.923	2535806	19.618 ug/ml
8) T n-Octadecane (C18)	11.357	2501214	18.904 ug/ml
10) T n-Eicosane (C20)	12.658	2456365	18.172 ug/ml
11) T n-Heneicosane (C21)	13.267	2409009	17.821 ug/ml
13) T n-Docosane (C22)	13.850	2363147	17.406 ug/ml
14) T n-Tetracosane (C24)	14.947	2280071	16.745 ug/ml
15) T n-Hexacosane (C26)	15.963	2195436	16.276 ug/ml
16) T n-Octacosane (C28)	16.909	2141010	16.089 ug/ml
17) T n-Tricontane (C30)	17.792	2067889	16.150 ug/ml
18) T n-Dotriacontane (C32)	18.621	1926878	16.525 ug/ml
19) T n-Tetratriacontane (C34)	19.403	1662724	17.307 ug/ml
20) T n-Hexatriacontane (C36)	20.137	1587670	19.139 ug/mlm
21) T n-Octatriacontane (C38)	20.881	1467660	19.838 ug/ml
22) T n-Tetracontane (C40)	21.810	1423257	19.704 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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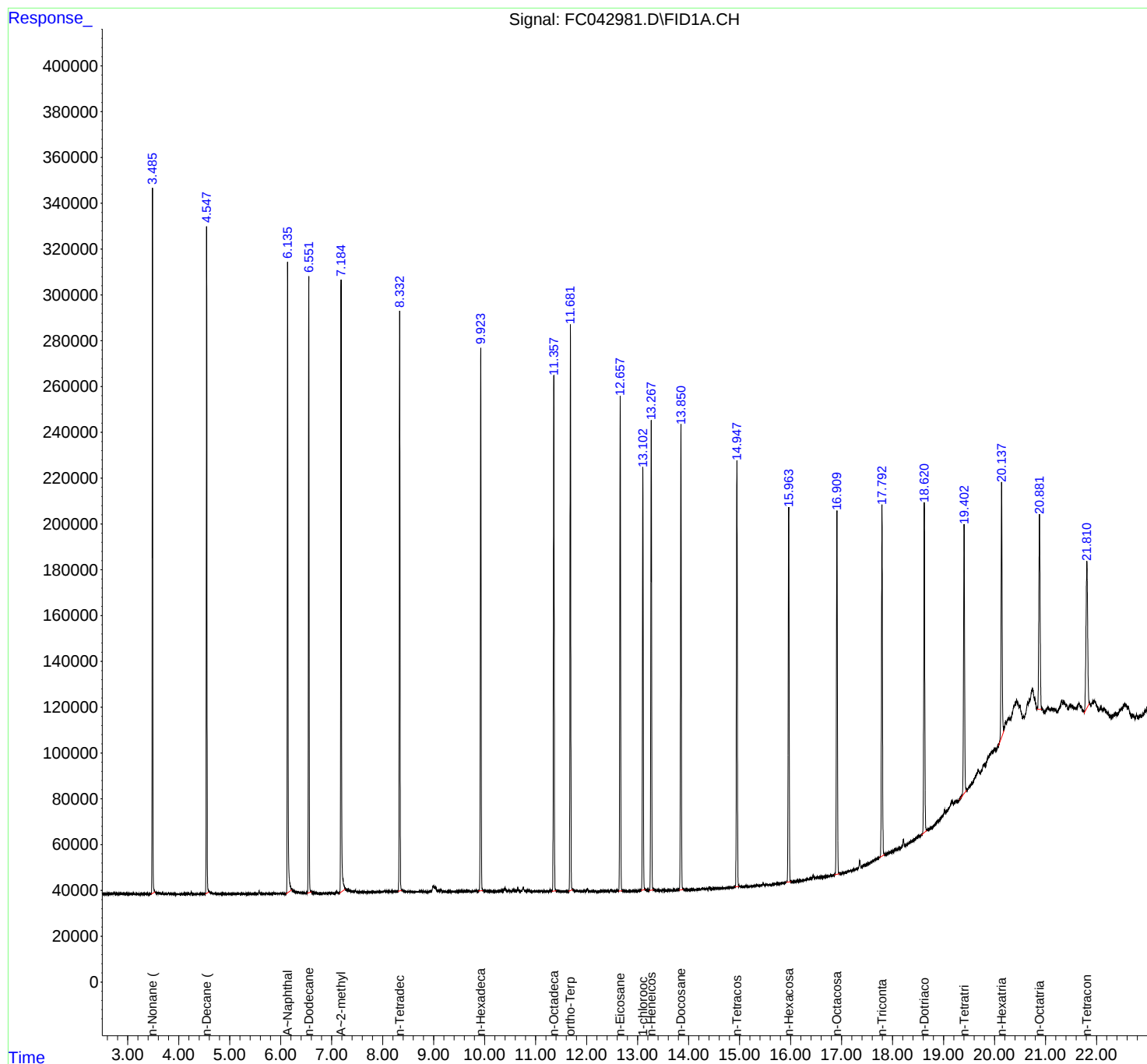
Instrument :
FID_C
ClientSampleId :

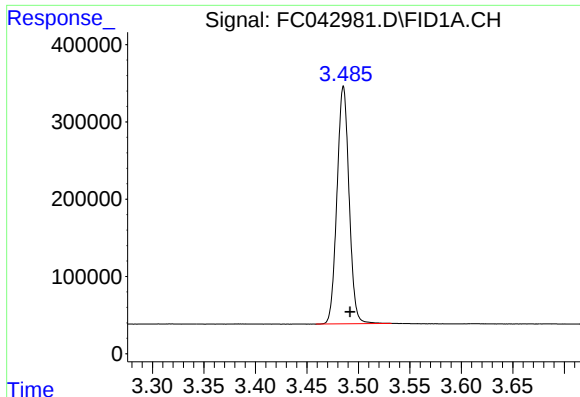
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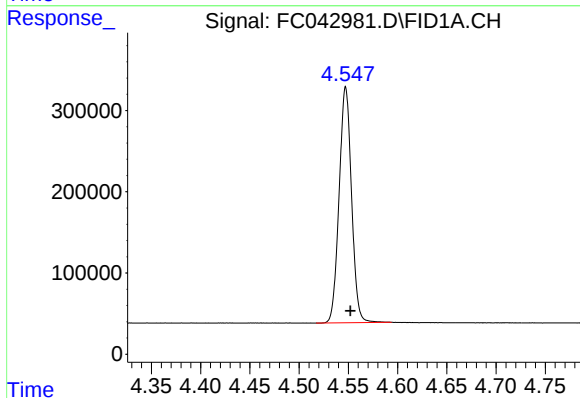
#1 n-Nonane (C9)

R.T.: 3.485 min
Delta R.T.: -0.007 min
Response: 2510956
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :

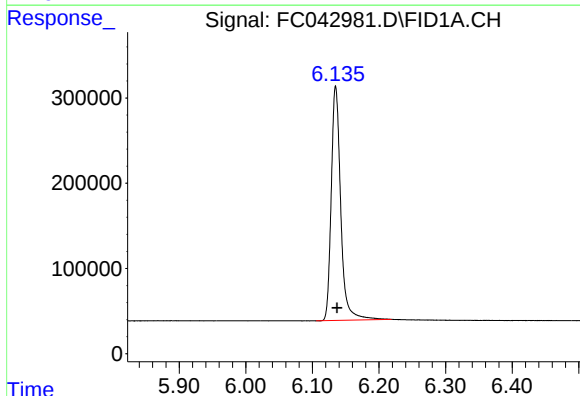
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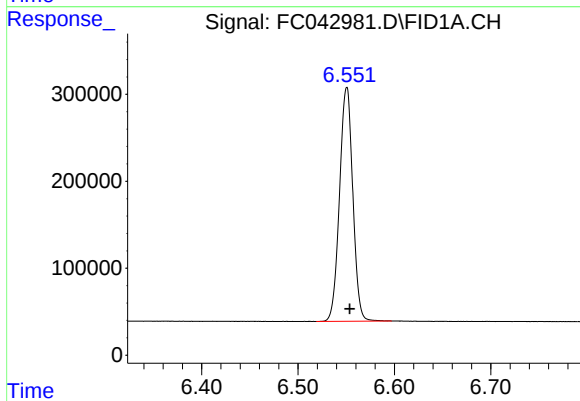
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.005 min
Response: 2546436
Conc: 20.30 ug/ml



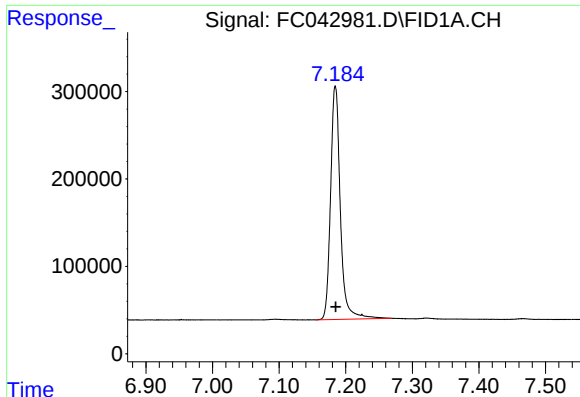
#3 A~Naphthalene (C11.7)

R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 2726433
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 2568792
Conc: 20.25 ug/ml



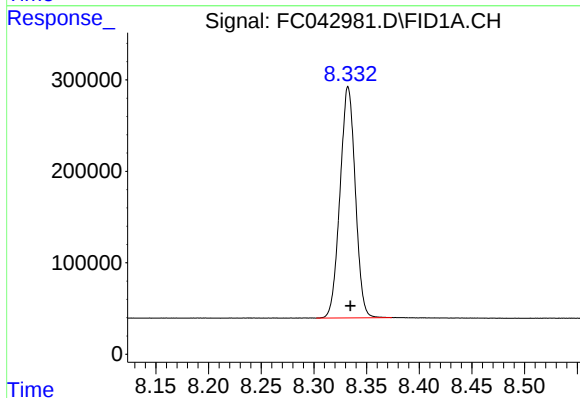
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 2719179
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :

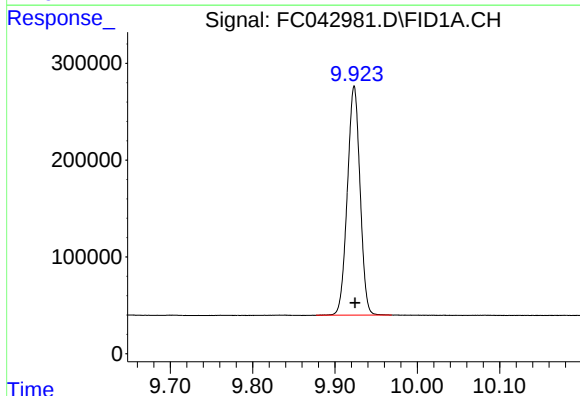
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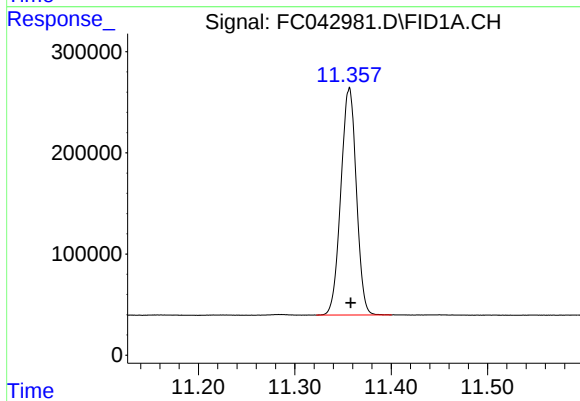
#6 n-Tetradecane (C14)

R.T.: 8.333 min
Delta R.T.: -0.002 min
Response: 2556854
Conc: 20.04 ug/ml



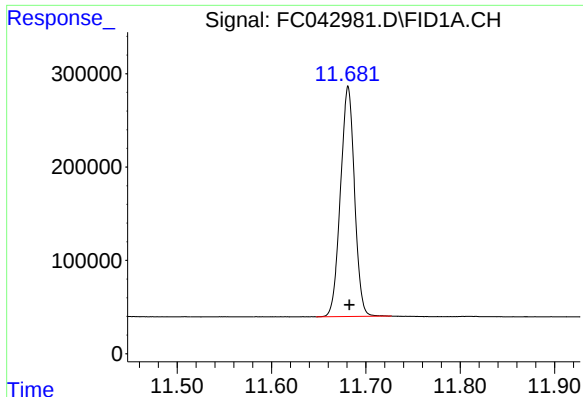
#7 n-Hexadecane (C16)

R.T.: 9.923 min
Delta R.T.: -0.001 min
Response: 2535806
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.001 min
Response: 2501214
Conc: 18.90 ug/ml



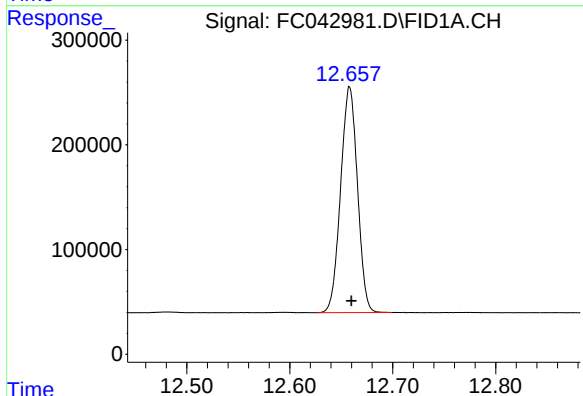
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: -0.001 min
Response: 2549487
Conc: 17.95 ug/ml

Instrument :
FID_C
ClientSampleId :

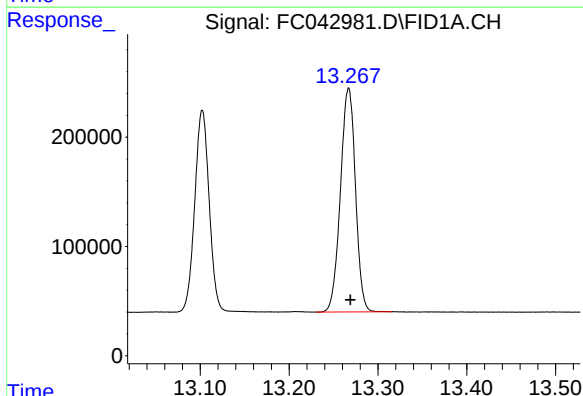
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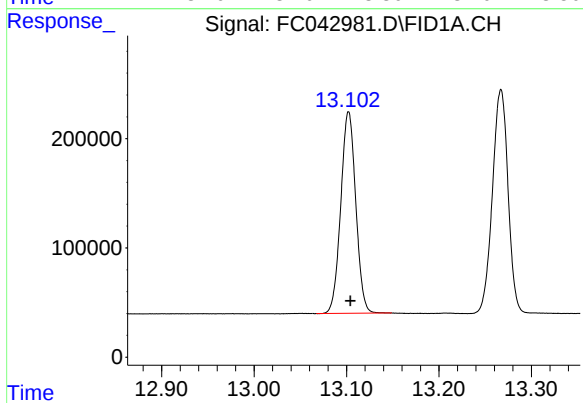
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.002 min
Response: 2456365
Conc: 18.17 ug/ml



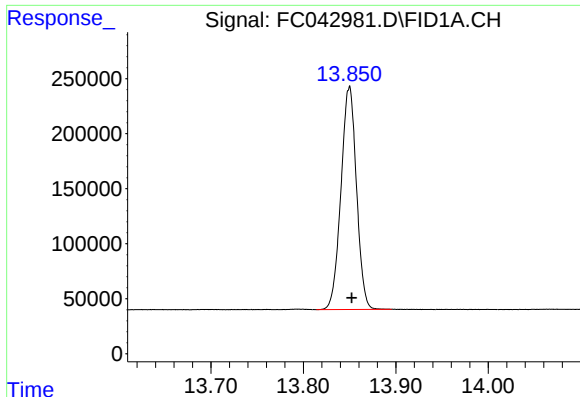
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 2409009
Conc: 17.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 2078618
Conc: 17.51 ug/ml



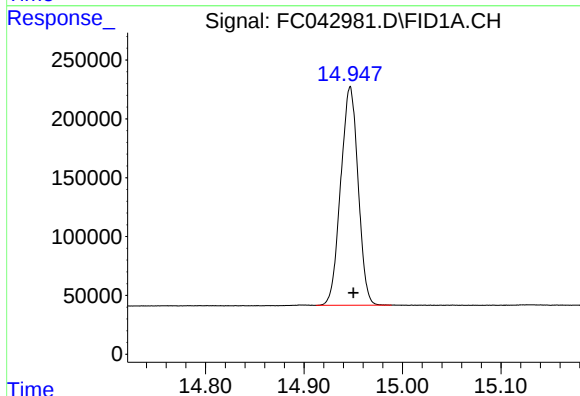
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.003 min
Response: 2363147
Conc: 17.41 ug/ml

Instrument :
FID_C
ClientSampleId :

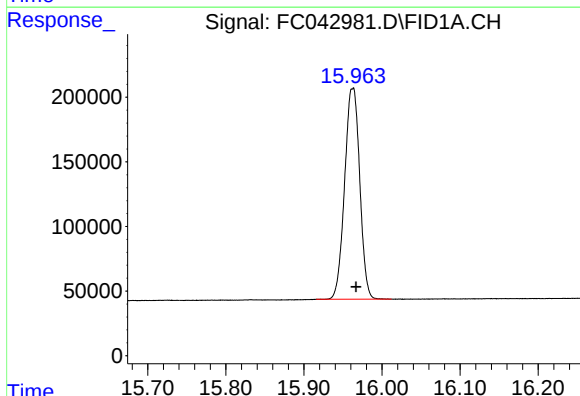
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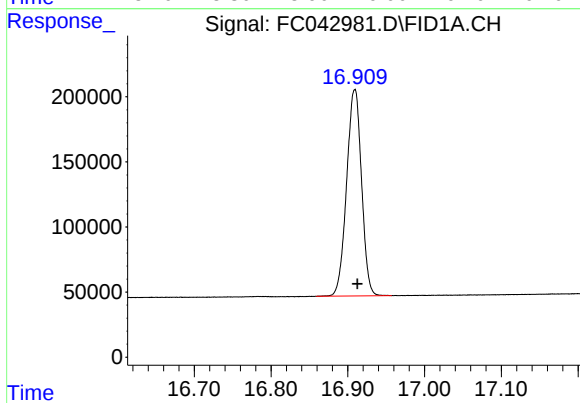
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.003 min
Response: 2280071
Conc: 16.74 ug/ml



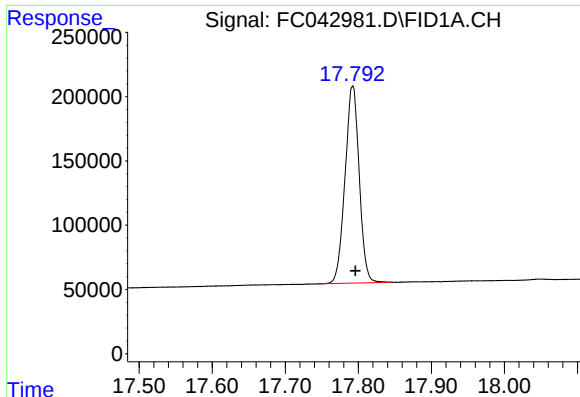
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.004 min
Response: 2195436
Conc: 16.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: -0.004 min
Response: 2141010
Conc: 16.09 ug/ml



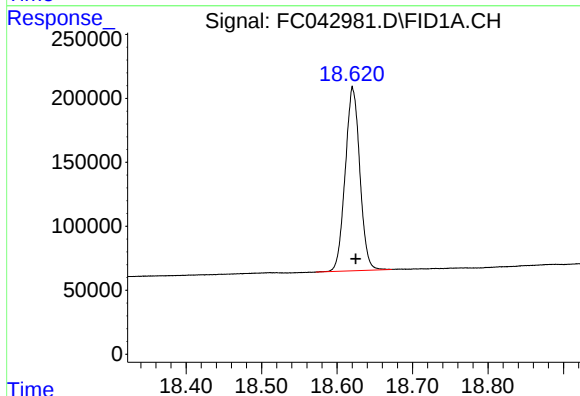
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: -0.004 min
Response: 2067889
Conc: 16.15 ug/ml

Instrument :
FID_C
ClientSampleId :

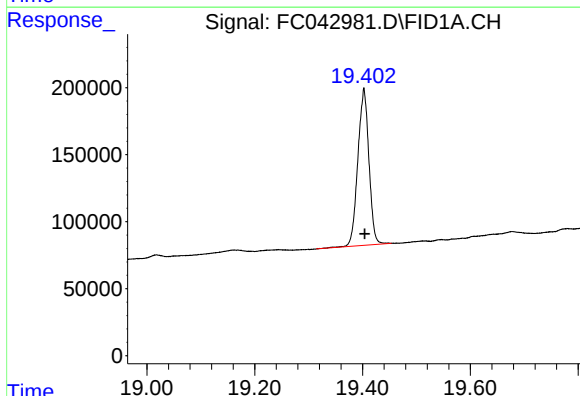
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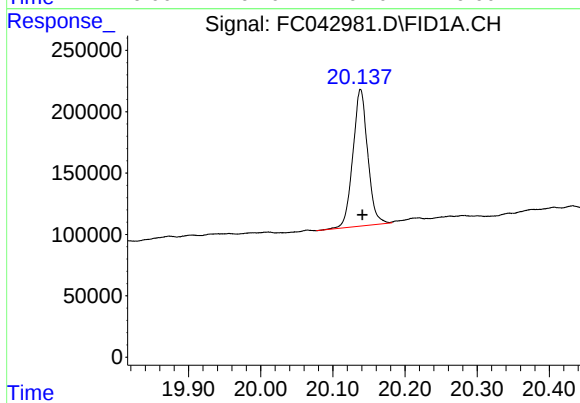
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.004 min
Response: 1926878
Conc: 16.53 ug/ml



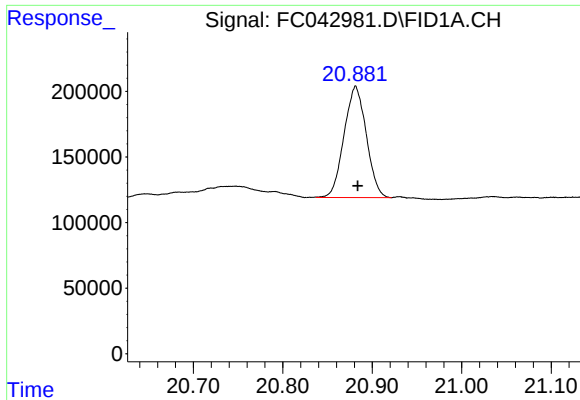
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min
Delta R.T.: -0.001 min
Response: 1662724
Conc: 17.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.137 min
Delta R.T.: -0.004 min
Response: 1587670
Conc: 19.14 ug/ml m



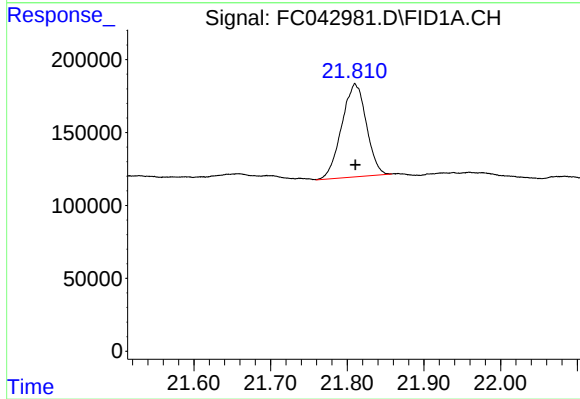
#21 n-Octatriacontane (C38)

R.T.: 20.881 min
Delta R.T.: -0.003 min
Response: 1467660
Conc: 19.84 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: 0.000 min
Response: 1423257
Conc: 19.70 ug/ml m