

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101419AL\
 Data File : FC044023.D
 Signal(s) : FID1A.CH
 Acq On : 16 Oct 2019 12:36
 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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Integration File: autoint1.e
 Quant Time: Oct 16 13:09:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 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)	11.563	2993324	19.721 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
12) S 1-chlorooctadecane (S...	12.984	2288662	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.418	2695269	22.293 ug/ml
2) T n-Decane (C10)	4.470	2777304	22.945 ug/ml
3) T A~Naphthalene (C11.7)	6.051	2640510	22.428 ug/ml
4) T n-Dodecane (C12)	6.461	2931772	23.180 ug/ml
5) T A~2-methylnaphthalene...	7.095	2622701	21.765 ug/ml
6) T n-Tetradecane (C14)	8.234	2936657	22.814 ug/ml
7) T n-Hexadecane (C16)	9.817	2923534	22.203 ug/ml
8) T n-Octadecane (C18)	11.244	2880074	21.116 ug/ml
10) T n-Eicosane (C20)	12.541	2786719	19.966 ug/ml
11) T n-Heneicosane (C21)	13.148	2764840	19.455 ug/ml
13) T n-Docosane (C22)	13.729	2688589	18.922 ug/ml
14) T n-Tetracosane (C24)	14.823	2619381	18.246 ug/ml
15) T n-Hexacosane (C26)	15.836	2566607	17.949 ug/ml
16) T n-Octacosane (C28)	16.780	2582505	18.218 ug/ml
17) T n-Tricontane (C30)	17.662	2656482	18.942 ug/ml
18) T n-Dotriacontane (C32)	18.489	2625527	19.765 ug/ml
19) T n-Tetratriacontane (C34)	19.269	2563554	20.518 ug/ml
20) T n-Hexatriacontane (C36)	20.005	2459297	21.277 ug/ml
21) T n-Octatriacontane (C38)	20.723	2316685	21.767 ug/ml
22) T n-Tetracontane (C40)	21.597	2343654	22.415 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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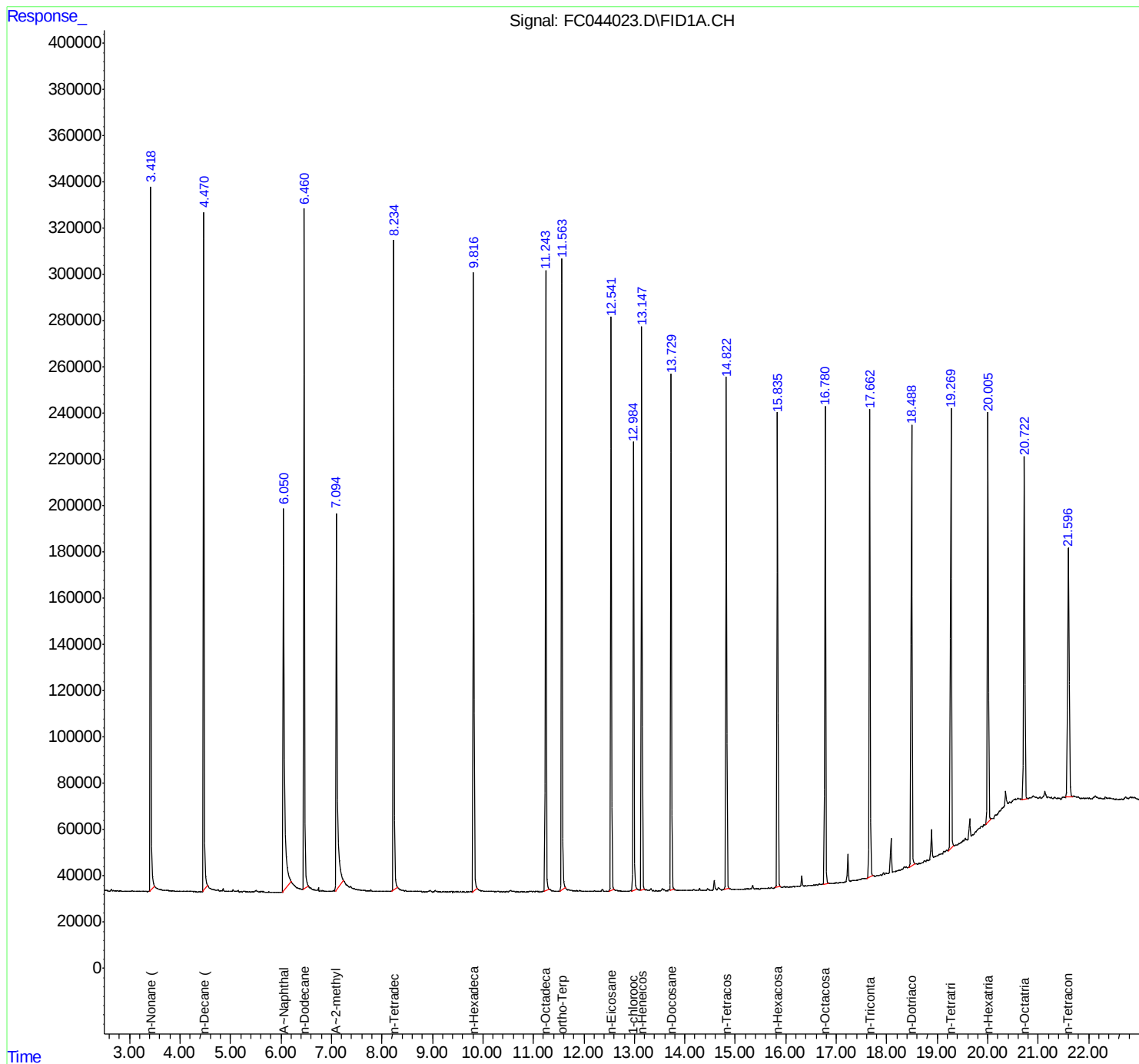
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FID_C
ClientSampleId :

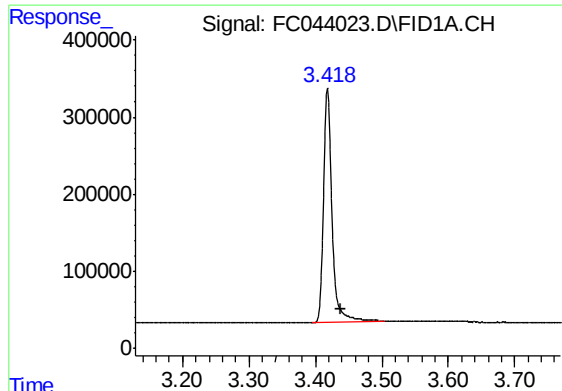
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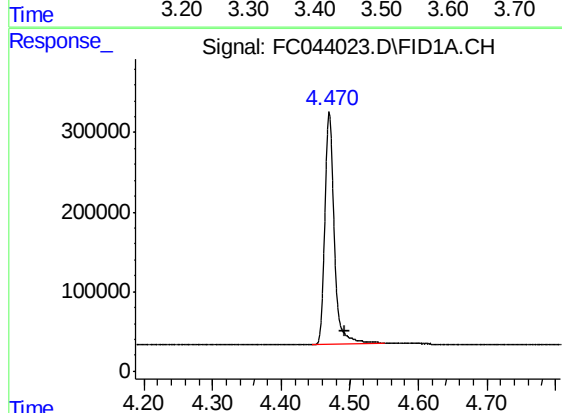
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: -0.021 min
Response: 2695269
Conc: 22.29 ug/ml

Instrument :
FID_C
ClientSampleId :

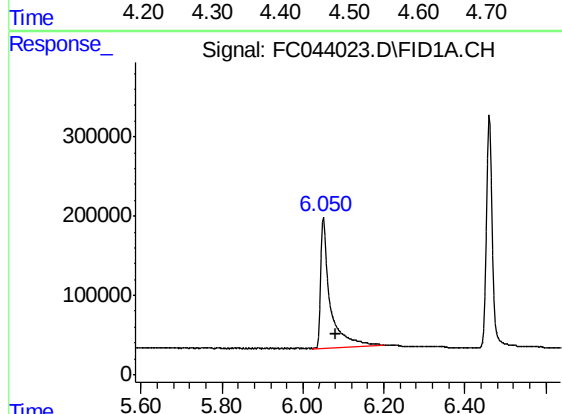
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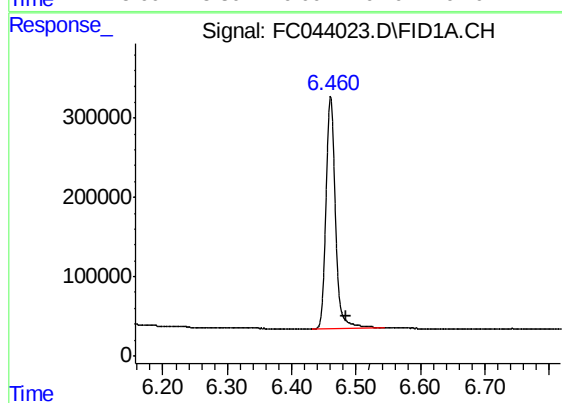
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.022 min
Response: 2777304
Conc: 22.95 ug/ml



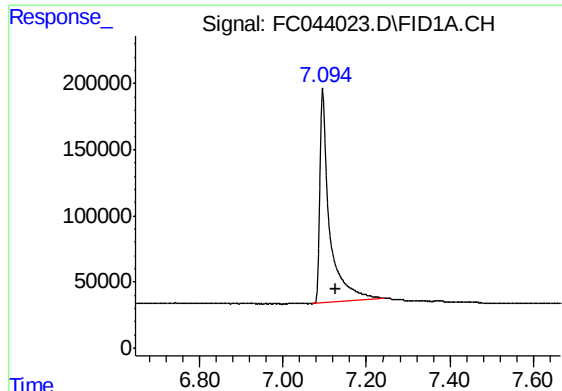
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.030 min
Response: 2640510
Conc: 22.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.461 min
Delta R.T.: -0.024 min
Response: 2931772
Conc: 23.18 ug/ml



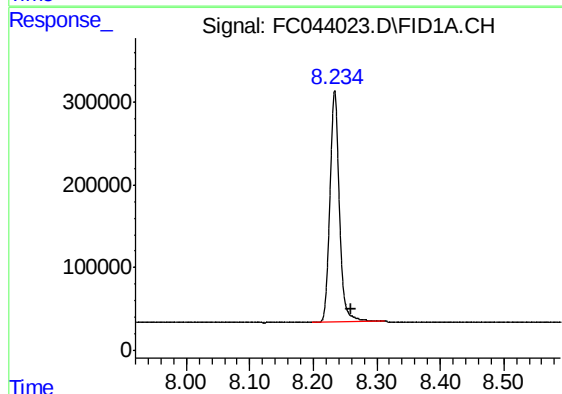
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.032 min
Response: 2622701
Conc: 21.76 ug/ml

Instrument :
FID_C
ClientSampleId :

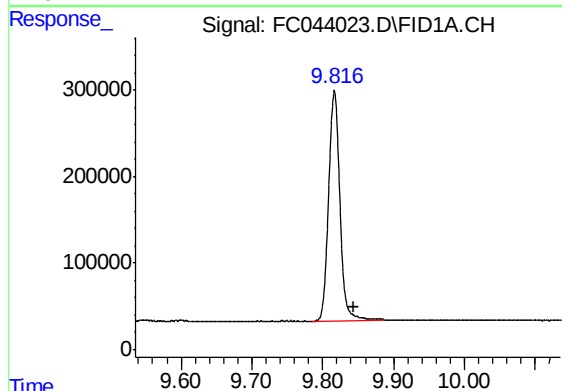
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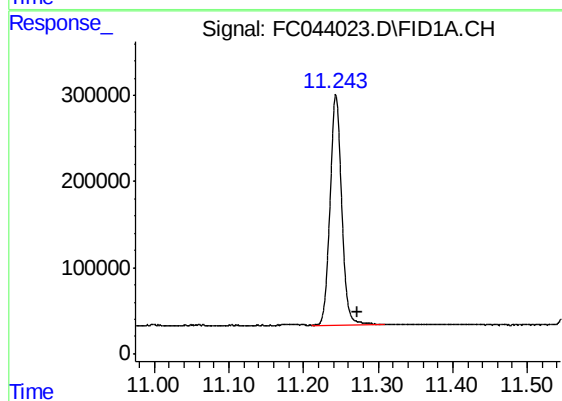
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: -0.026 min
Response: 2936657
Conc: 22.81 ug/ml



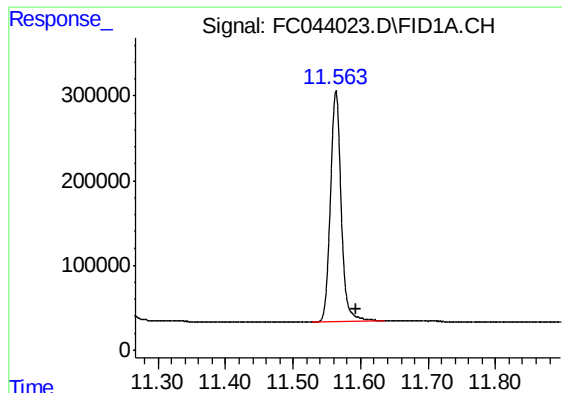
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.027 min
Response: 2923534
Conc: 22.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.030 min
Response: 2880074
Conc: 21.12 ug/ml



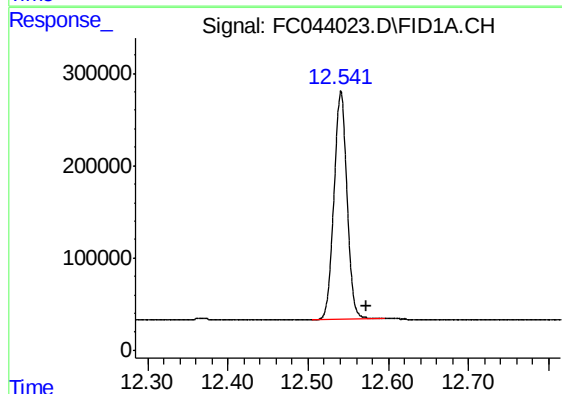
#9 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.029 min
Response: 2993324
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :

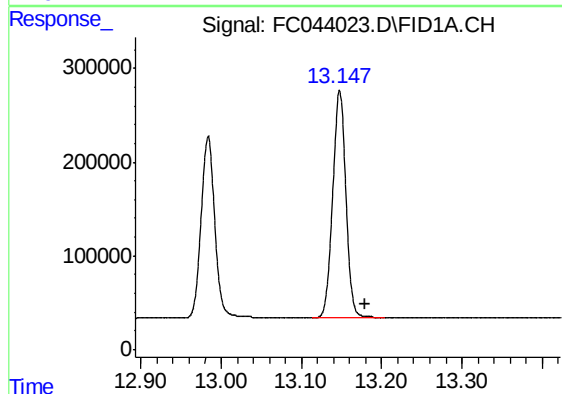
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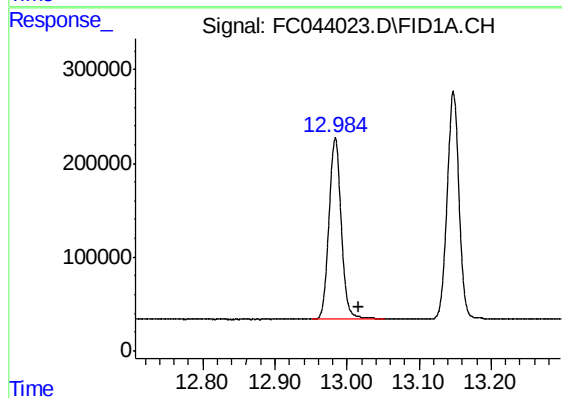
#10 n-Eicosane (C20)

R.T.: 12.541 min
Delta R.T.: -0.031 min
Response: 2786719
Conc: 19.97 ug/ml



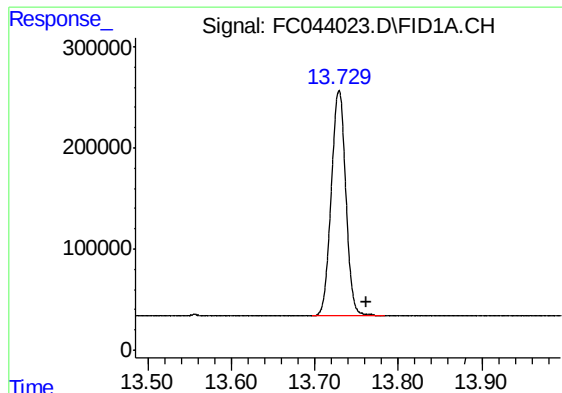
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: -0.031 min
Response: 2764840
Conc: 19.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: -0.032 min
Response: 2288662
Conc: 19.30 ug/ml



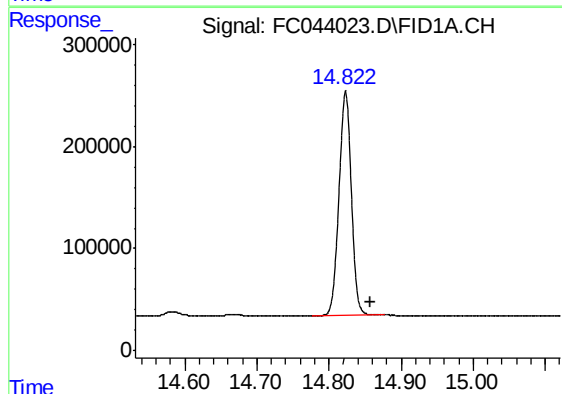
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.032 min
Response: 2688589
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :

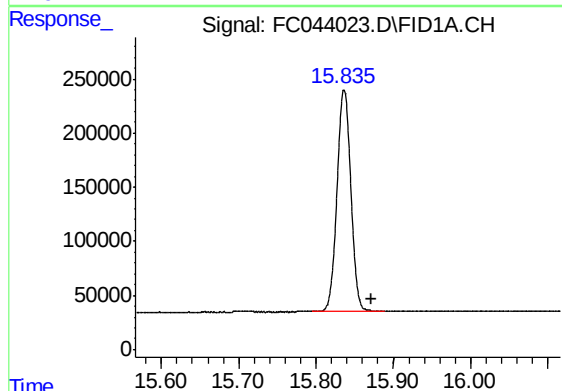
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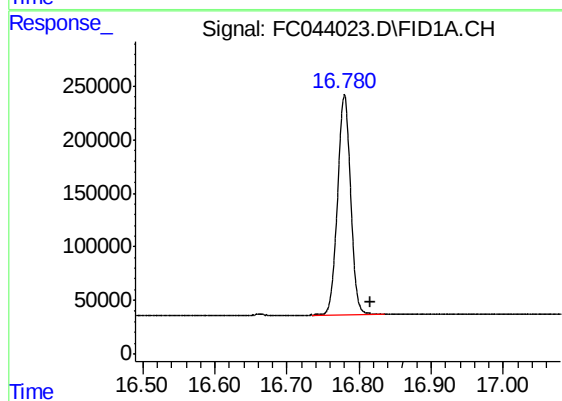
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.033 min
Response: 2619381
Conc: 18.25 ug/ml



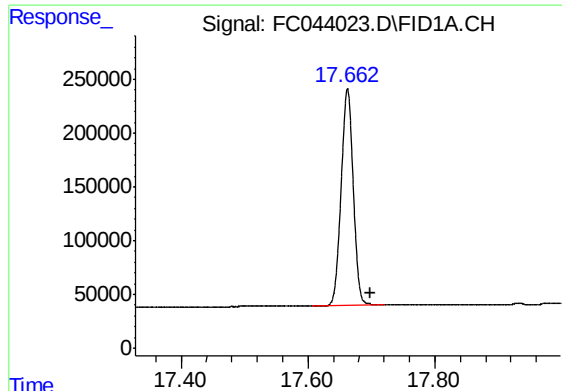
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.035 min
Response: 2566607
Conc: 17.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: -0.036 min
Response: 2582505
Conc: 18.22 ug/ml



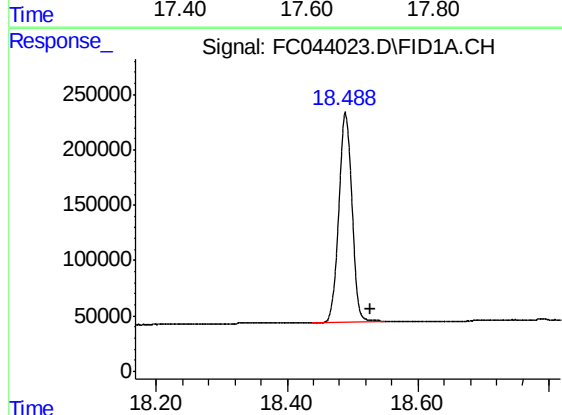
#17 n-Tricontane (C30)

R.T.: 17.662 min
Delta R.T.: -0.036 min
Response: 2656482
Conc: 18.94 ug/ml

Instrument :
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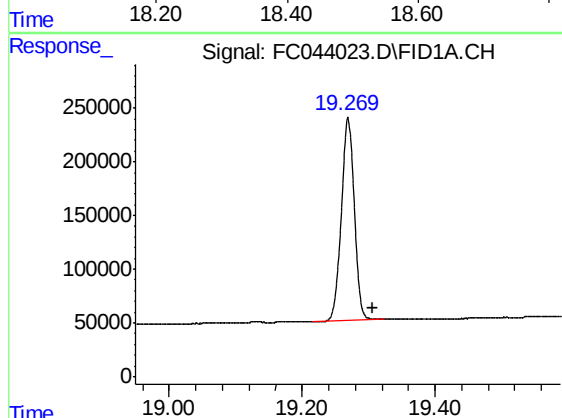
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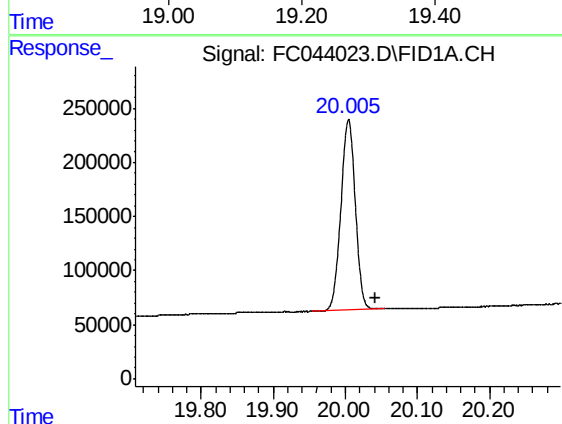
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: -0.038 min
Response: 2625527
Conc: 19.77 ug/ml



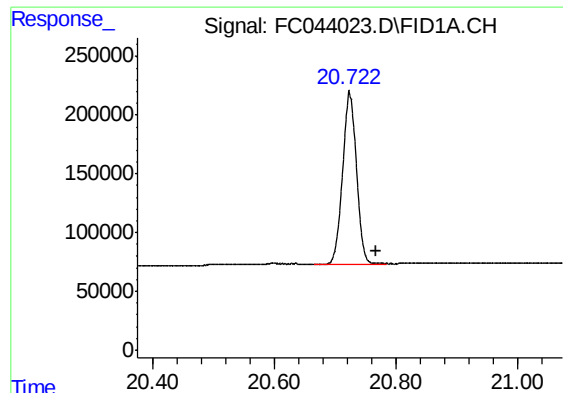
#19 n-Tetatriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.037 min
Response: 2563554
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.038 min
Response: 2459297
Conc: 21.28 ug/ml m



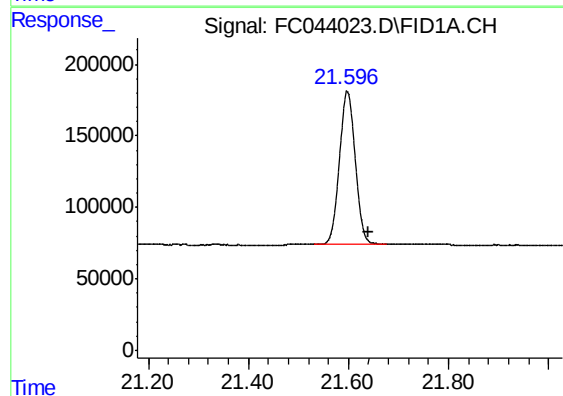
#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: -0.044 min
Response: 2316685
Conc: 21.77 ug/ml

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.043 min
Response: 2343654
Conc: 22.41 ug/ml