

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101419AL\
 Data File : FC043975.D
 Signal(s) : FID1A.CH
 Acq On : 15 Oct 2019 00:39
 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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 10/15/2019 11:35:42 AM

Integration File: autoint1.e
 Quant Time: Oct 15 01:46:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.566	2942312	19.385 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	12.986	2232983	18.834 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.420	2699404	22.327 ug/ml
2) T n-Decane (C10)	4.472	2752309	22.739 ug/ml
3) T A~Naphthalene (C11.7)	6.052	2648448	22.495 ug/ml
4) T n-Dodecane (C12)	6.463	2882362	22.789 ug/ml
5) T A~2-methylnaphthalene...	7.096	2619117	21.735 ug/ml
6) T n-Tetradecane (C14)	8.236	2894250	22.485 ug/ml
7) T n-Hexadecane (C16)	9.819	2878303	21.860 ug/ml
8) T n-Octadecane (C18)	11.247	2821359	20.686 ug/ml
10) T n-Eicosane (C20)	12.543	2732503	19.577 ug/ml
11) T n-Heneicosane (C21)	13.150	2702185	19.014 ug/ml
13) T n-Docosane (C22)	13.731	2633180	18.532 ug/ml
14) T n-Tetracosane (C24)	14.826	2556141	17.805 ug/ml
15) T n-Hexacosane (C26)	15.840	2498814	17.474 ug/ml
16) T n-Octacosane (C28)	16.782	2499102	17.630 ug/ml
17) T n-Tricontane (C30)	17.665	2550773	18.188 ug/ml
18) T n-Dotriacontane (C32)	18.492	2516323	18.943 ug/ml
19) T n-Tetratriacontane (C34)	19.271	2449930	19.608 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2369773	20.502 ug/ml
21) T n-Octatriacontane (C38)	20.728	2212442	20.787 ug/ml
22) T n-Tetracontane (C40)	21.605	2294544	21.945 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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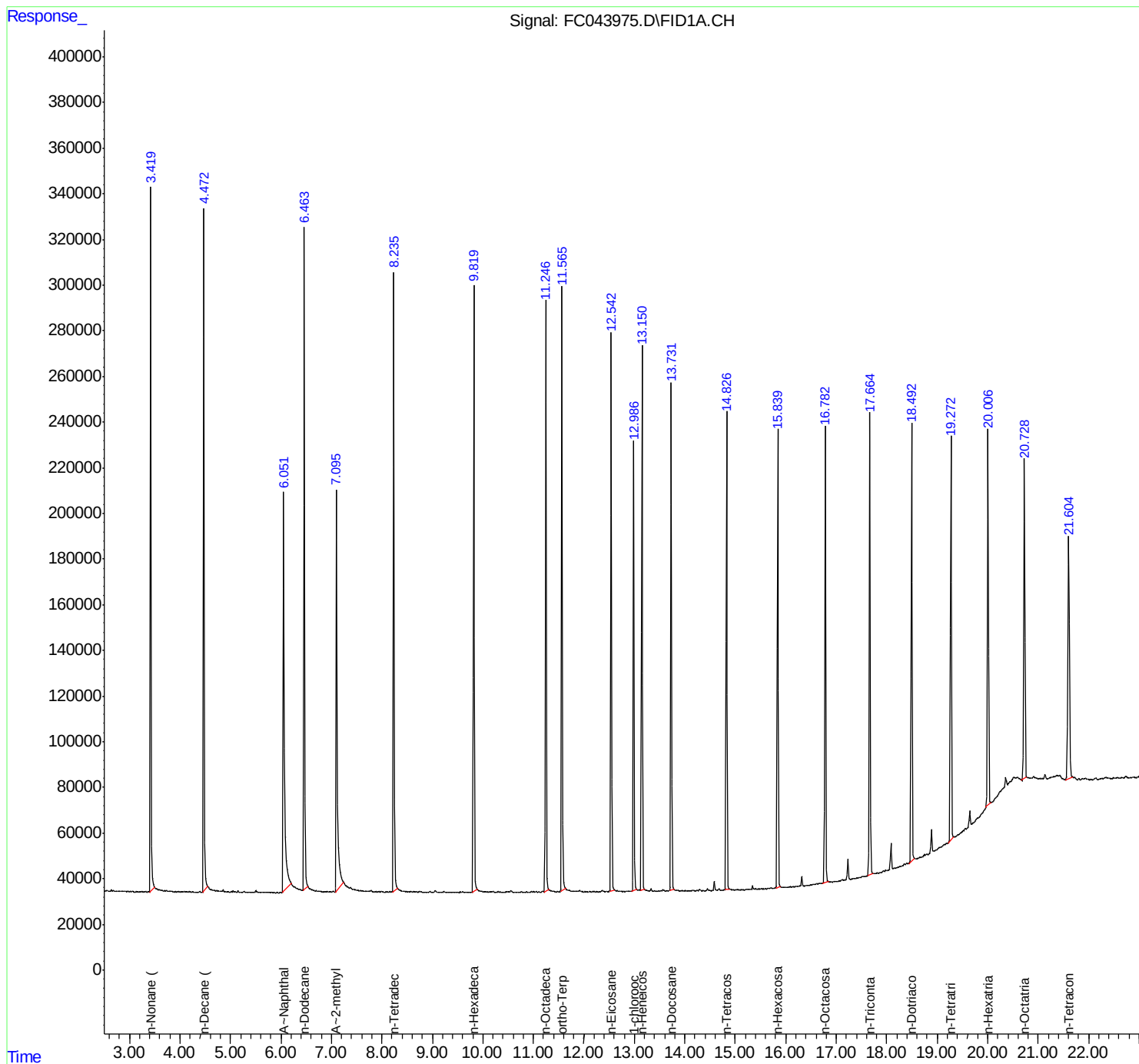
Instrument :
FID_C
ClientSampleId :

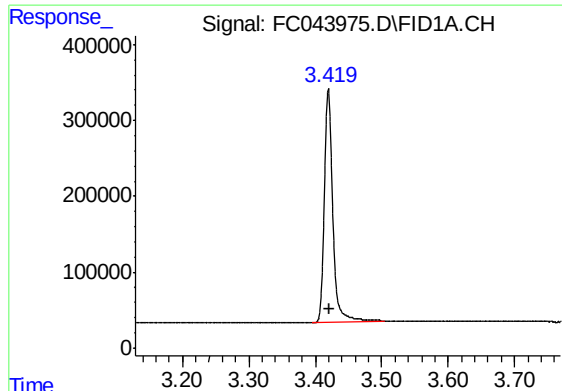
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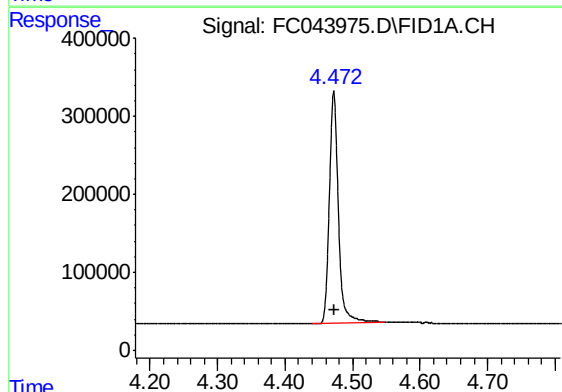
#1 n-Nonane (C9)

R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 2699404
Conc: 22.33 ug/ml

Instrument :
FID_C
ClientSampleId :

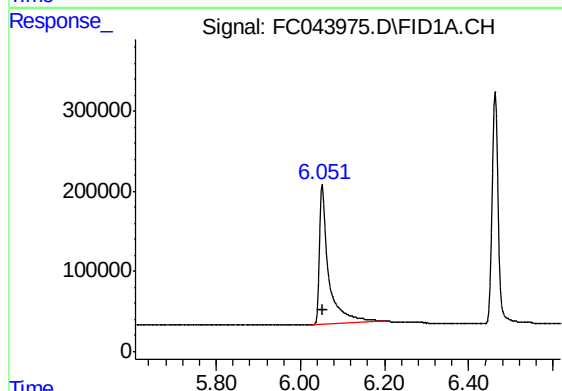
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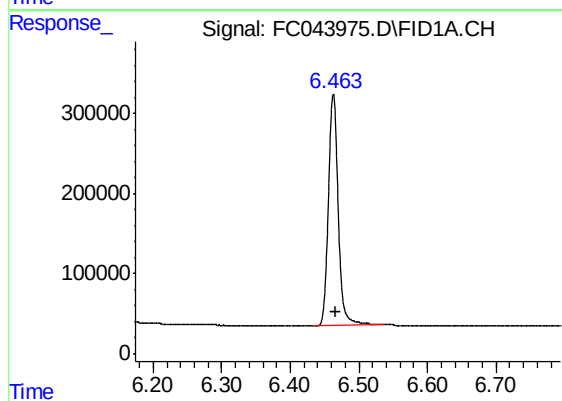
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.001 min
Response: 2752309
Conc: 22.74 ug/ml



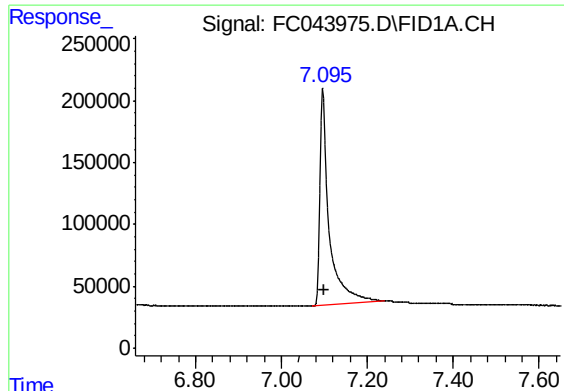
#3 A~Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 2648448
Conc: 22.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.463 min
Delta R.T.: -0.003 min
Response: 2882362
Conc: 22.79 ug/ml



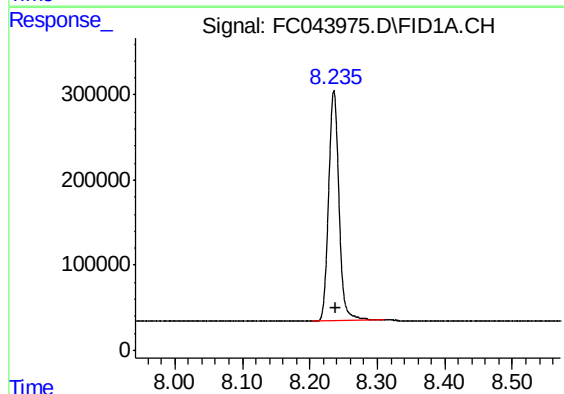
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 2619117
Conc: 21.73 ug/ml

Instrument :
FID_C
ClientSampleId :

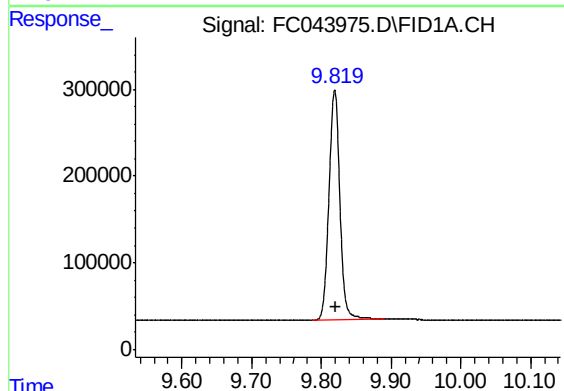
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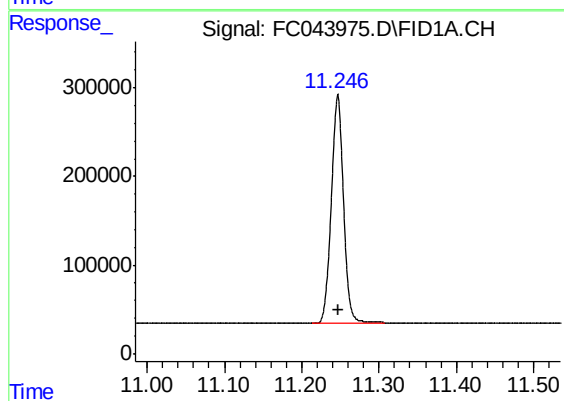
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: -0.004 min
Response: 2894250
Conc: 22.48 ug/ml



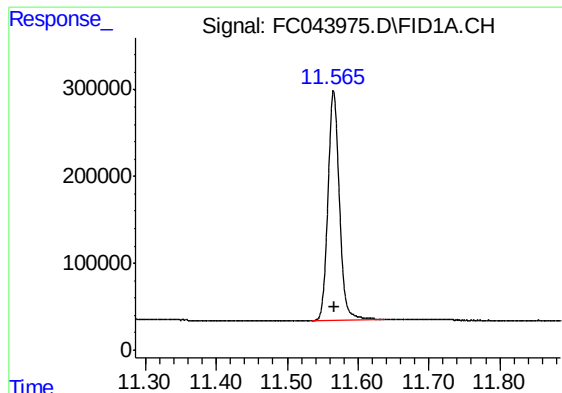
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.002 min
Response: 2878303
Conc: 21.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 2821359
Conc: 20.69 ug/ml



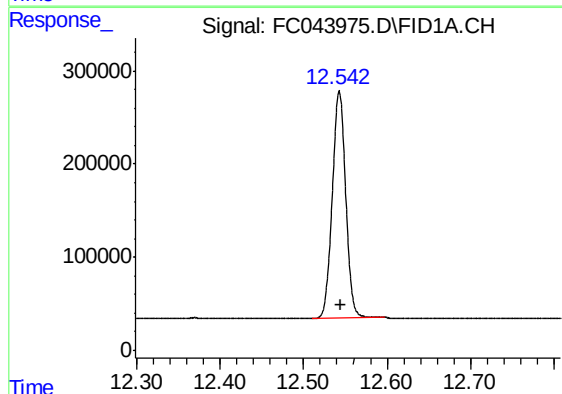
#9 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.002 min
Response: 2942312
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :

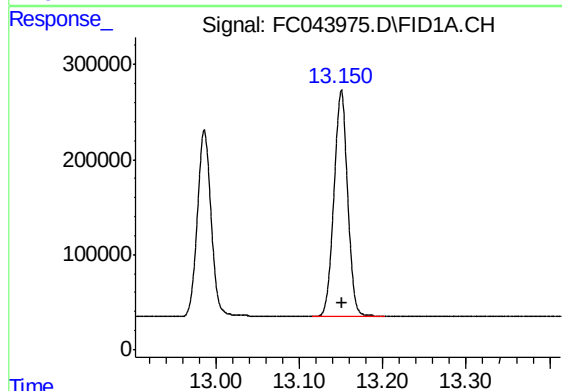
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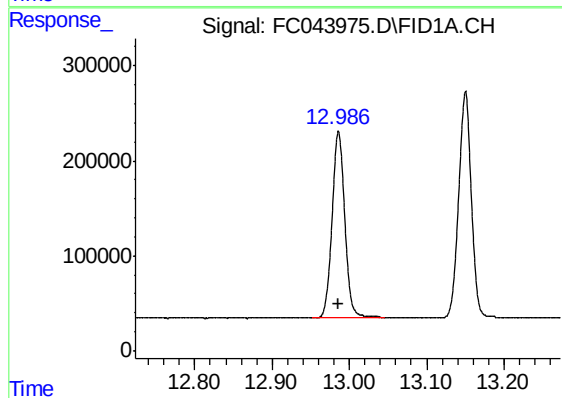
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: -0.002 min
Response: 2732503
Conc: 19.58 ug/ml



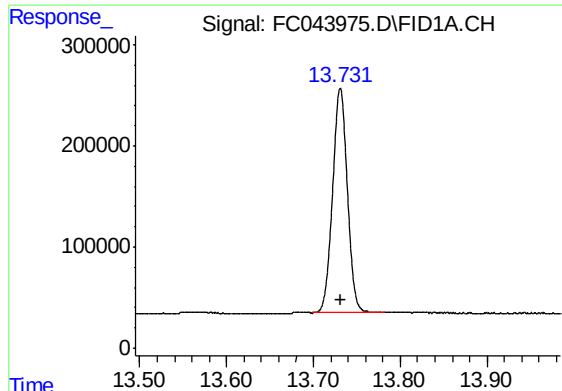
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: 0.000 min
Response: 2702185
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.986 min
Delta R.T.: 0.000 min
Response: 2232983
Conc: 18.83 ug/ml



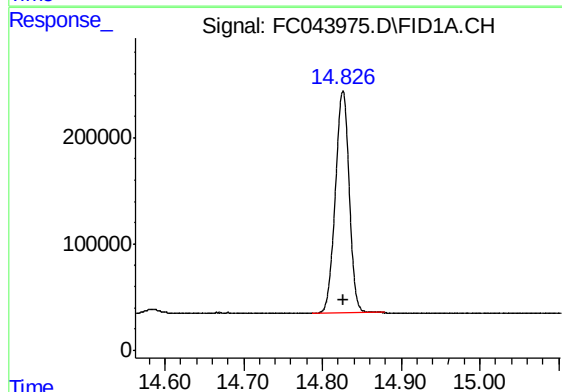
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: 0.000 min
Response: 2633180
Conc: 18.53 ug/ml

Instrument :
FID_C
ClientSampleId :

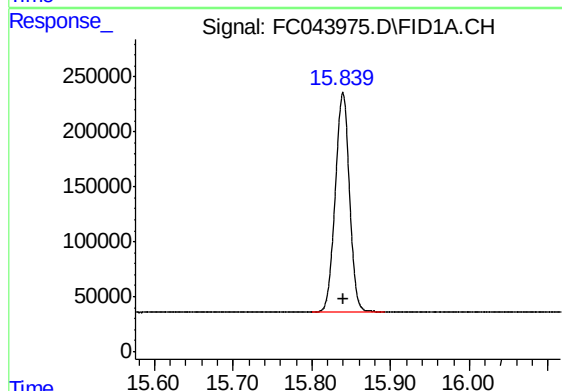
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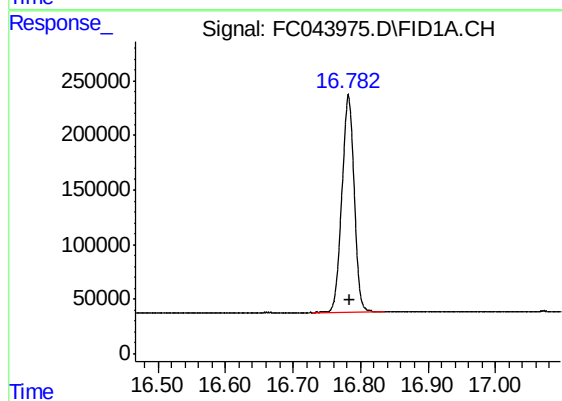
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.000 min
Response: 2556141
Conc: 17.81 ug/ml



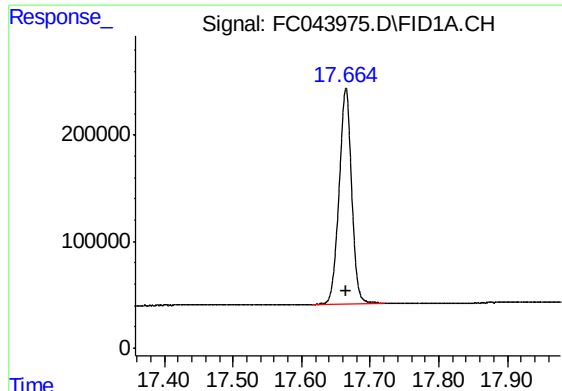
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.001 min
Response: 2498814
Conc: 17.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.001 min
Response: 2499102
Conc: 17.63 ug/ml



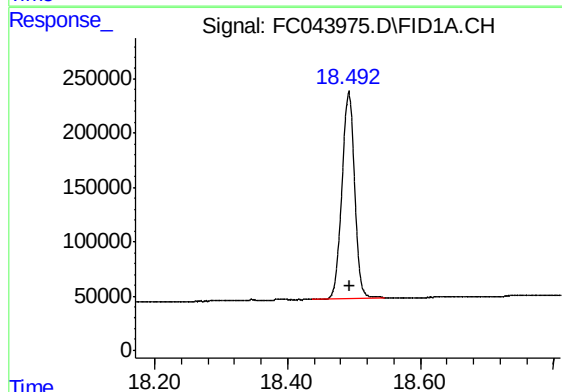
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: 0.000 min
Response: 2550773
Conc: 18.19 ug/ml

Instrument :
FID_C
ClientSampleId :

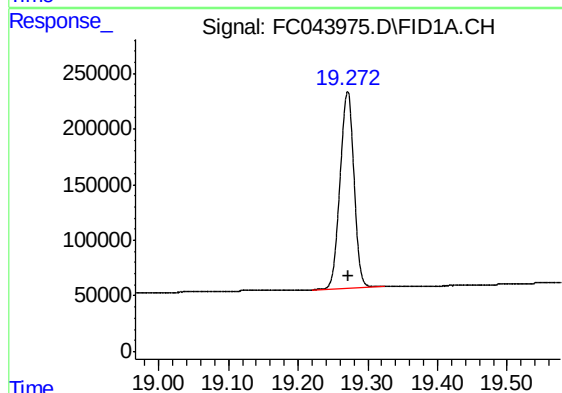
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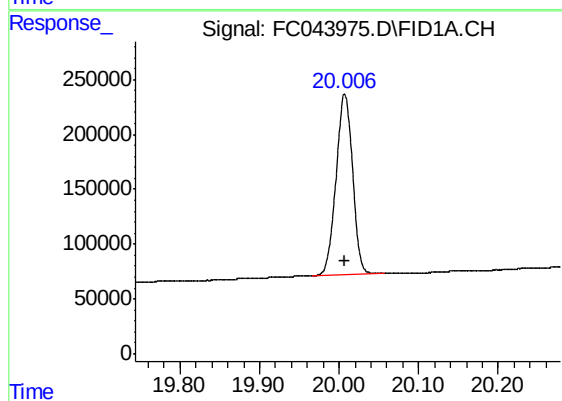
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 2516323
Conc: 18.94 ug/ml



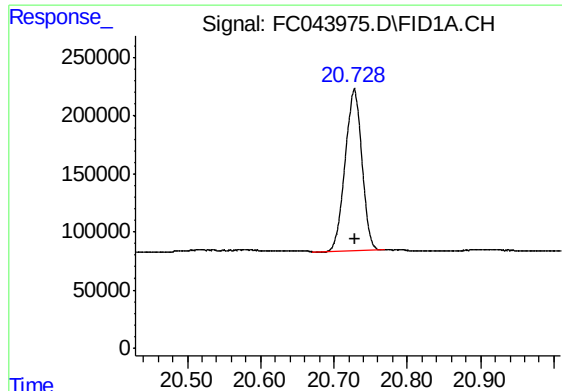
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.001 min
Response: 2449930
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: 0.000 min
Response: 2369773
Conc: 20.50 ug/ml m



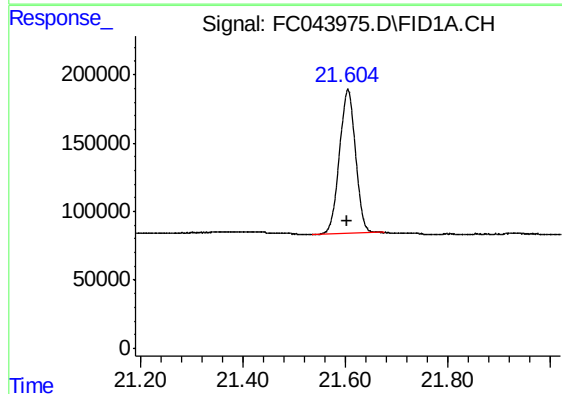
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.000 min
Response: 2212442
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.000 min
Response: 2294544
Conc: 21.95 ug/ml