

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101419AL\
 Data File : FC044019.D
 Signal(s) : FID1A.CH
 Acq On : 16 Oct 2019 3:00
 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 03:25:23 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)	11.563	3057282	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	12.983	2334900	19.694 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.418	2757886	22.811 ug/ml
2) T n-Decane (C10)	4.471	2827105	23.357 ug/ml
3) T A-Naphthalene (C11.7)	6.050	2711868	23.034 ug/ml
4) T n-Dodecane (C12)	6.461	2979506	23.557 ug/ml
5) T A~2-methylnaphthalene...	7.095	2694797	22.363 ug/ml
6) T n-Tetradecane (C14)	8.233	2992481	23.248 ug/ml
7) T n-Hexadecane (C16)	9.816	2985688	22.675 ug/ml
8) T n-Octadecane (C18)	11.243	2934062	21.512 ug/ml
10) T n-Eicosane (C20)	12.540	2844331	20.379 ug/ml
11) T n-Heneicosane (C21)	13.147	2815371	19.811 ug/ml
13) T n-Docosane (C22)	13.727	2741610	19.295 ug/ml
14) T n-Tetracosane (C24)	14.822	2663284	18.552 ug/ml
15) T n-Hexacosane (C26)	15.835	2605472	18.220 ug/ml
16) T n-Octacosane (C28)	16.779	2607922	18.397 ug/ml
17) T n-Tricontane (C30)	17.660	2668077	19.024 ug/ml
18) T n-Dotriacontane (C32)	18.487	2656497	19.998 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2571540	20.582 ug/ml
20) T n-Hexatriacontane (C36)	20.003	2463777	21.316 ug/ml
21) T n-Octatriacontane (C38)	20.722	2351259	22.092 ug/ml
22) T n-Tetracontane (C40)	21.597	2382476	22.786 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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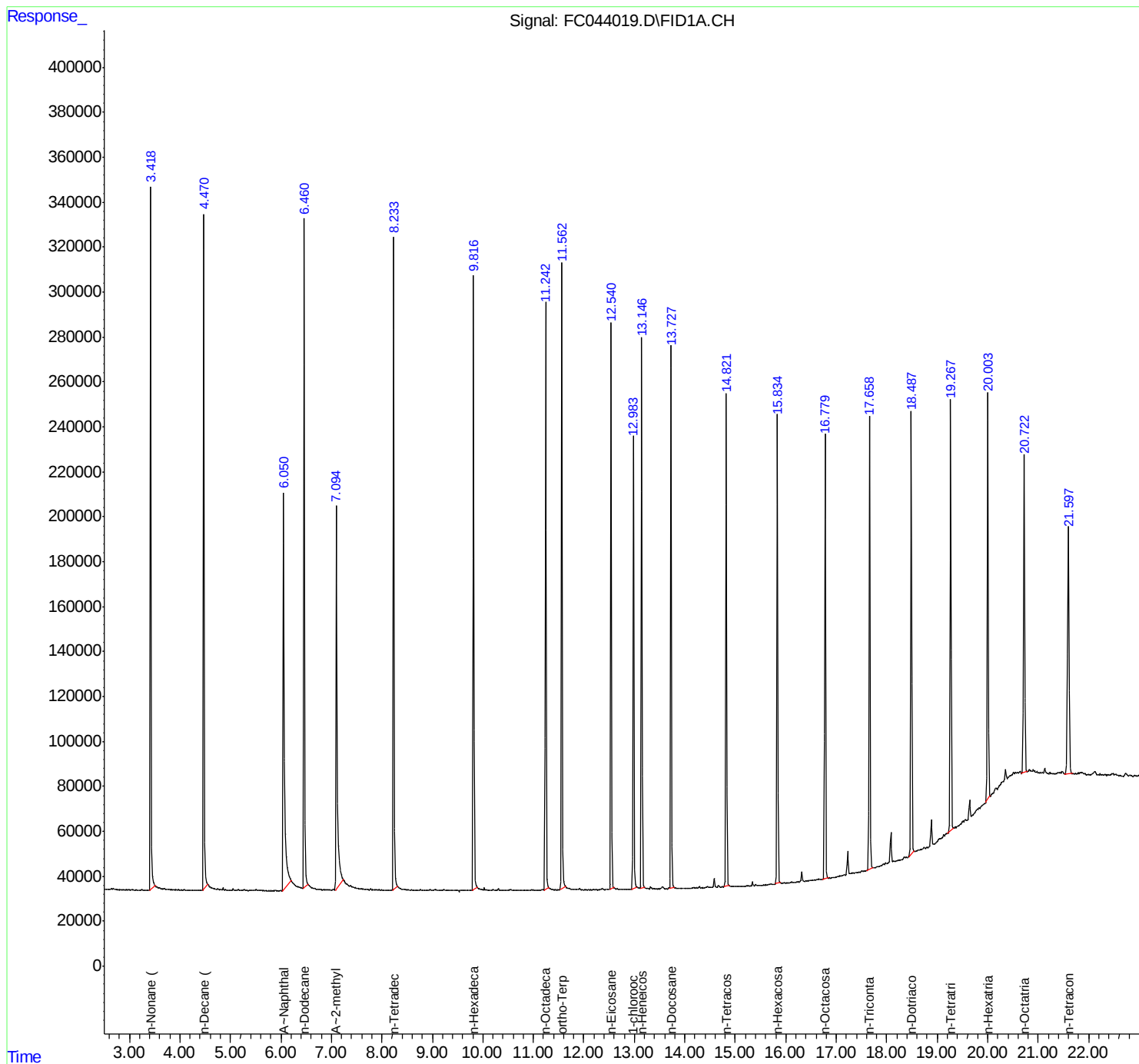
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FID_C
ClientSampleId :

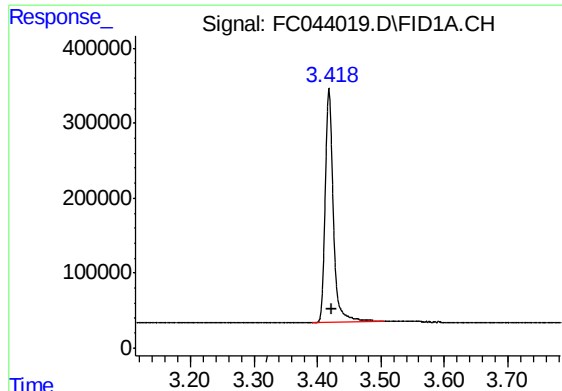
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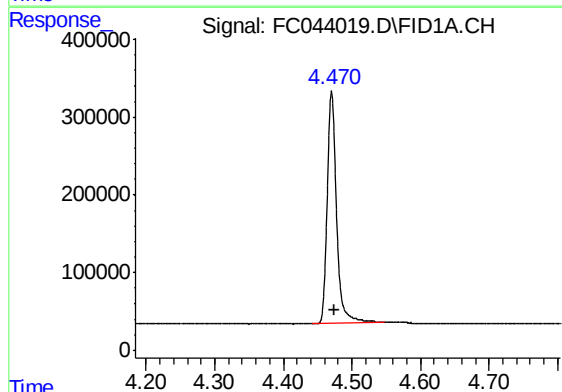
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2757886
Conc: 22.81 ug/ml

Instrument :
FID_C
ClientSampleId :

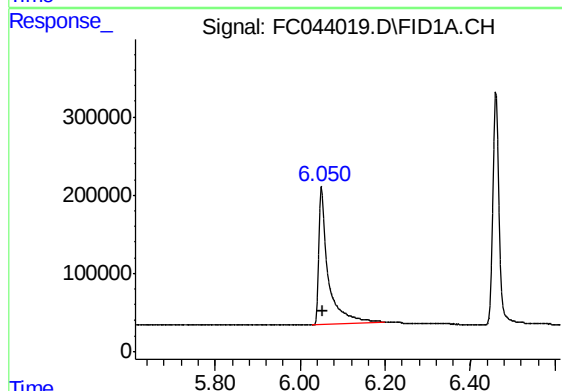
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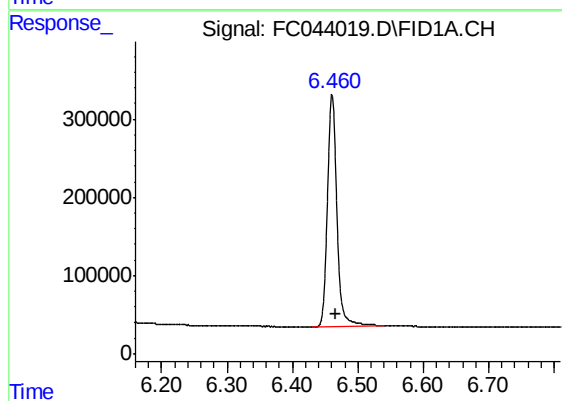
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 2827105
Conc: 23.36 ug/ml



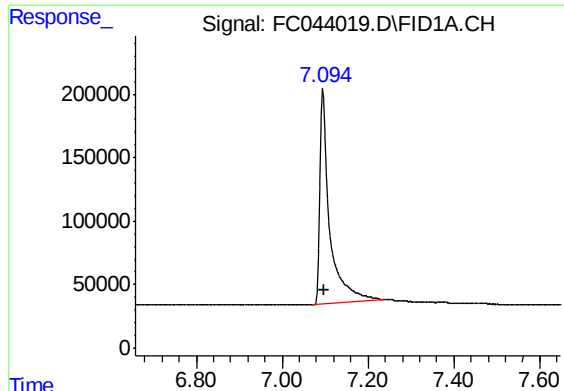
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 2711868
Conc: 23.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.461 min
Delta R.T.: -0.005 min
Response: 2979506
Conc: 23.56 ug/ml



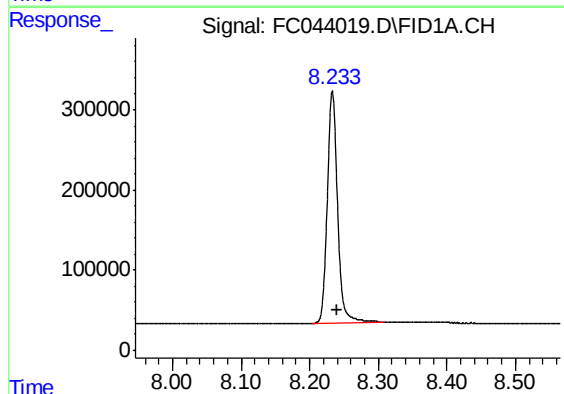
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 2694797
Conc: 22.36 ug/ml

Instrument :
FID_C
ClientSampleId :

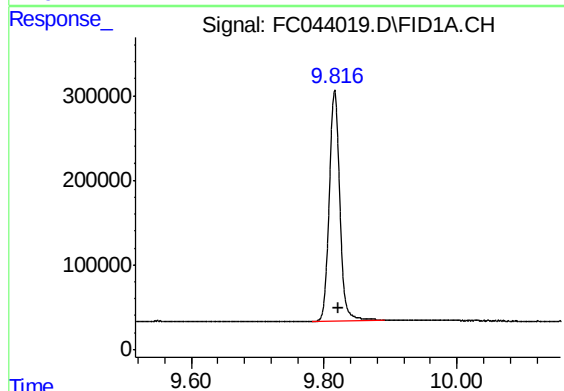
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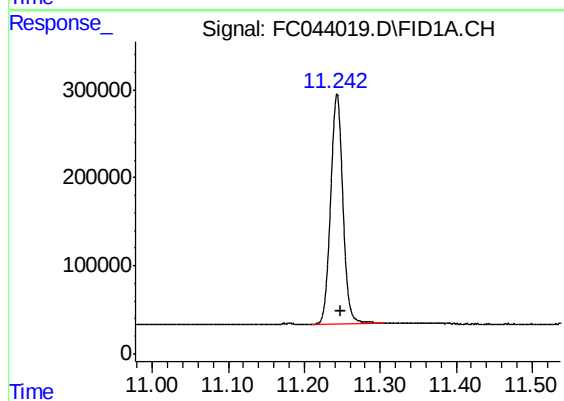
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.006 min
Response: 2992481
Conc: 23.25 ug/ml



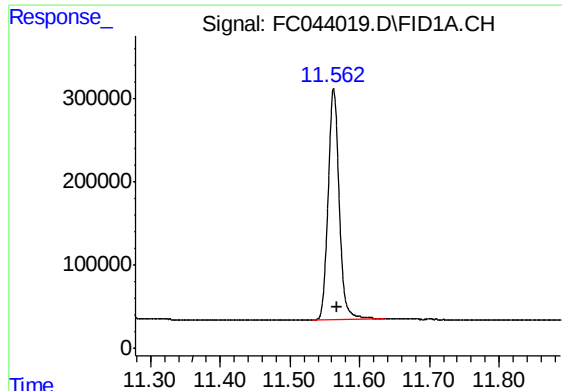
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.005 min
Response: 2985688
Conc: 22.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.004 min
Response: 2934062
Conc: 21.51 ug/ml



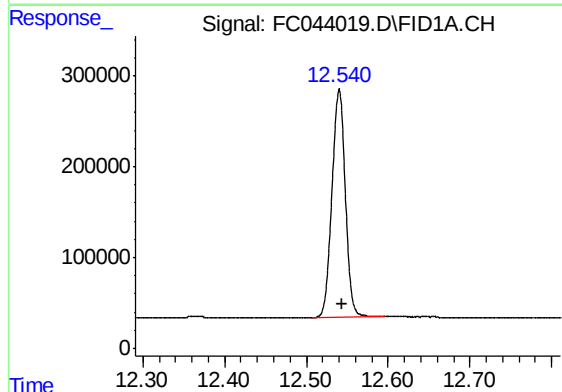
#9 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.005 min
Response: 3057282
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :

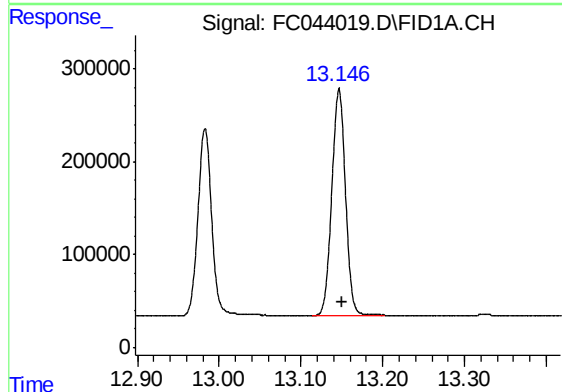
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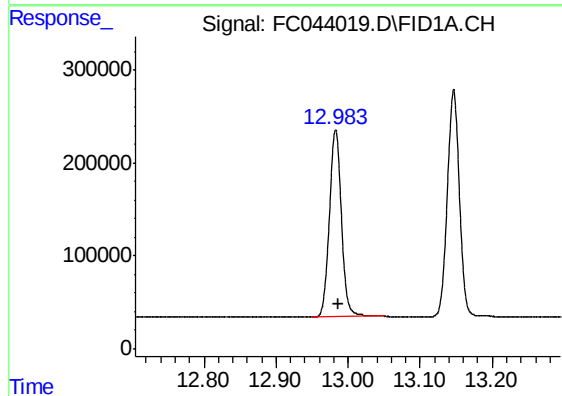
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: -0.004 min
Response: 2844331
Conc: 20.38 ug/ml



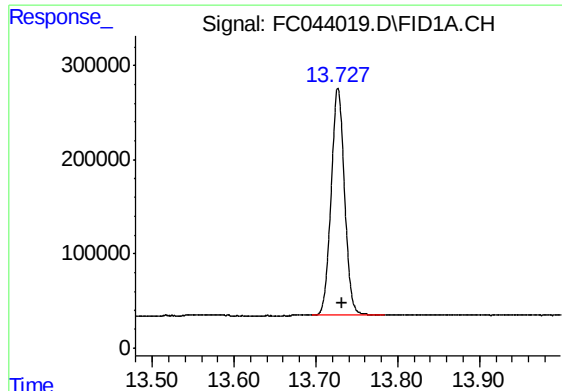
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.004 min
Response: 2815371
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.983 min
Delta R.T.: -0.003 min
Response: 2334900
Conc: 19.69 ug/ml



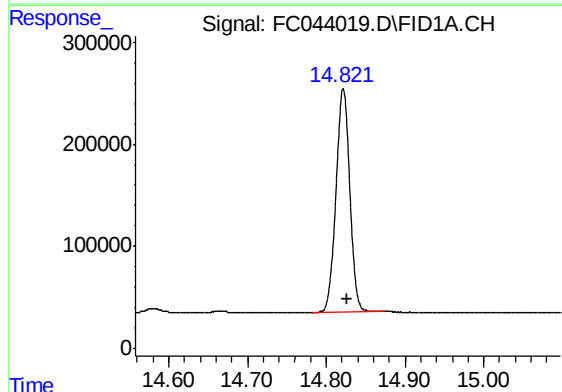
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.005 min
Response: 2741610
Conc: 19.30 ug/ml

Instrument :
FID_C
ClientSampleId :

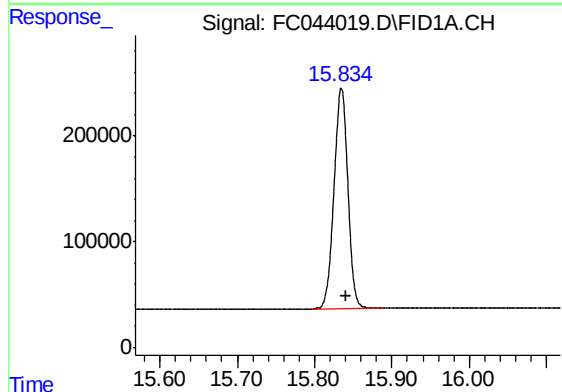
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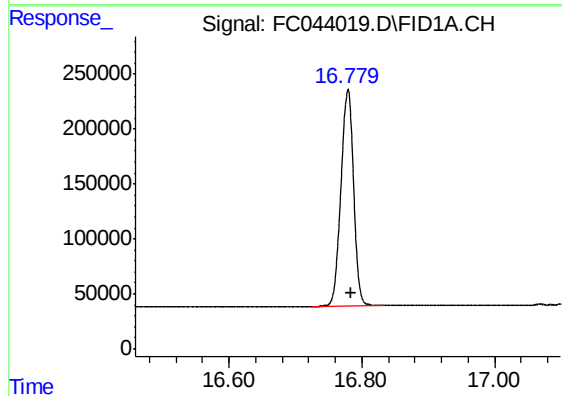
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.005 min
Response: 2663284
Conc: 18.55 ug/ml



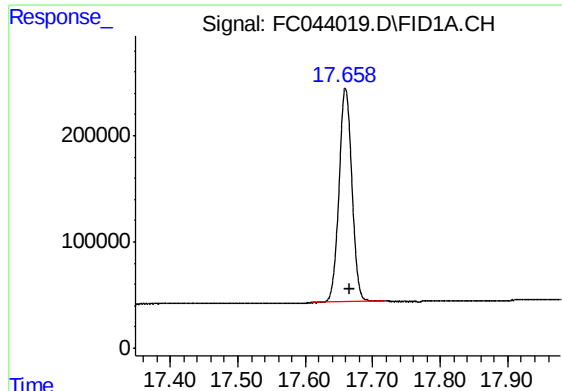
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.006 min
Response: 2605472
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.004 min
Response: 2607922
Conc: 18.40 ug/ml



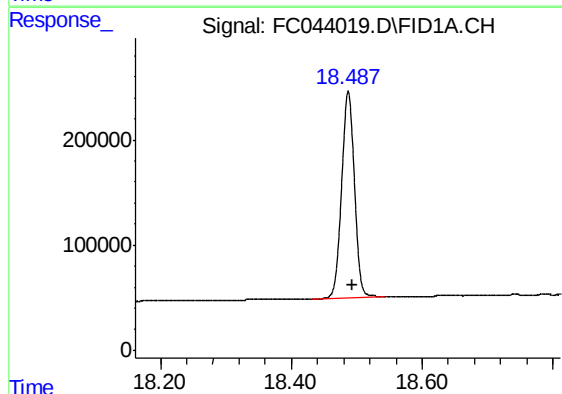
#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.006 min
Response: 2668077
Conc: 19.02 ug/ml

Instrument :
FID_C
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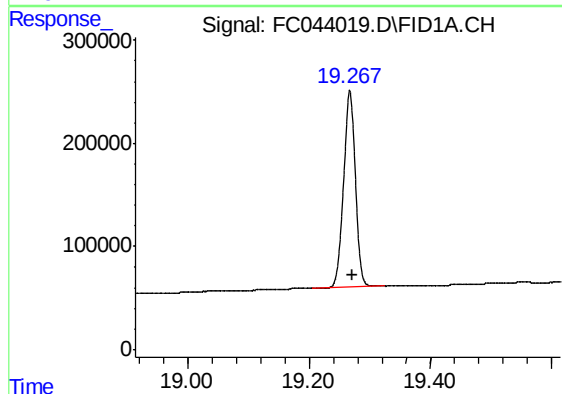
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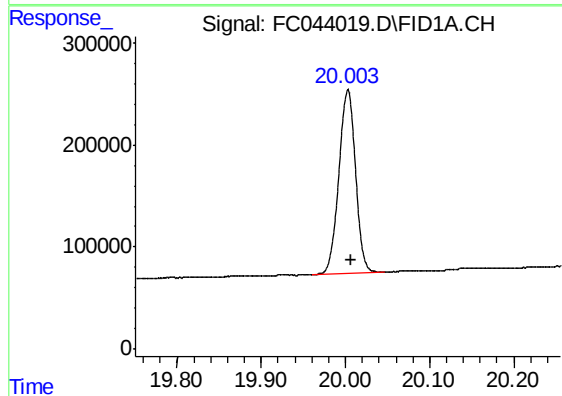
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.006 min
Response: 2656497
Conc: 20.00 ug/ml



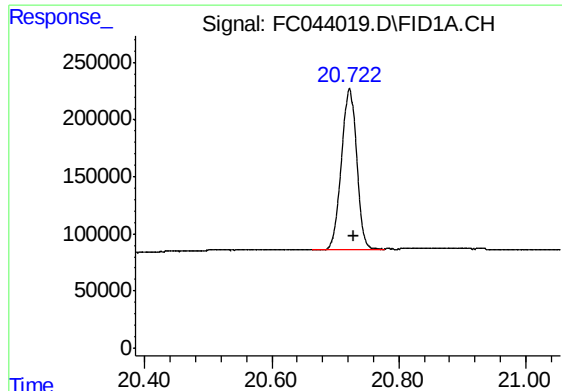
#19 n-Tetatriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.005 min
Response: 2571540
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: -0.004 min
Response: 2463777
Conc: 21.32 ug/ml m



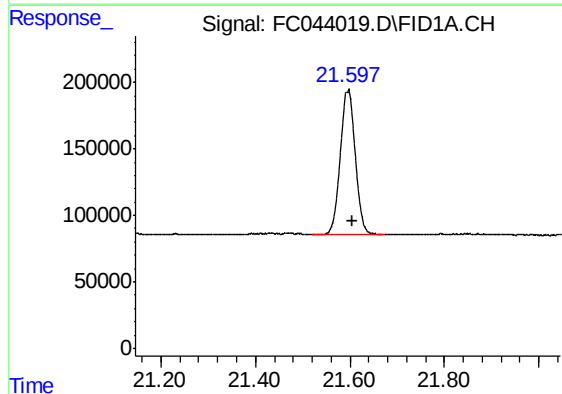
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: -0.006 min
Response: 2351259
Conc: 22.09 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.007 min
Response: 2382476
Conc: 22.79 ug/ml