

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082319AL\
 Data File : FC043076.D
 Signal(s) : FID1A.CH
 Acq On : 23 Aug 2019 11:14
 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: sample.E
 Quant Time: Aug 23 16:44:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 23 06:32:34 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)	11.644	2620596	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.066	2139247	18.023 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
Target Compounds			
1) T n-Nonane (C9)	3.461	2516879	20.296 ug/ml
2) T n-Decane (C10)	4.520	2573022	20.509 ug/ml
3) T A~Naphthalene (C11.7)	6.104	2730112	20.155 ug/ml
4) T n-Dodecane (C12)	6.520	2606492	20.551 ug/ml
5) T A~2-methylnaphthalene...	7.152	2728991	20.062 ug/ml
6) T n-Tetradecane (C14)	8.301	2609356	20.450 ug/ml
7) T n-Hexadecane (C16)	9.890	2599844	20.113 ug/ml
8) T n-Octadecane (C18)	11.323	2594291	19.608 ug/ml
10) T n-Eicosane (C20)	12.623	2565038	18.976 ug/ml
11) T n-Heneicosane (C21)	13.231	2504084	18.525 ug/ml
13) T n-Docosane (C22)	13.814	2508256	18.475 ug/ml
14) T n-Tetracosane (C24)	14.910	2478350	18.201 ug/ml
15) T n-Hexacosane (C26)	15.926	2551813	18.918 ug/ml
16) T n-Octacosane (C28)	16.871	2632992	19.787 ug/ml
17) T n-Tricontane (C30)	17.755	2603667	20.334 ug/ml
18) T n-Dotriacontane (C32)	18.583	2402275	20.603 ug/ml
19) T n-Tetratriacontane (C34)	19.365	1910978	19.891 ug/mlm
20) T n-Hexatriacontane (C36)	20.100	1698986	20.481 ug/mlm
21) T n-Octatriacontane (C38)	20.837	1538123	20.791 ug/ml
22) T n-Tetracontane (C40)	21.747f	1612512	22.324 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 2 Sample Multiplier: 1

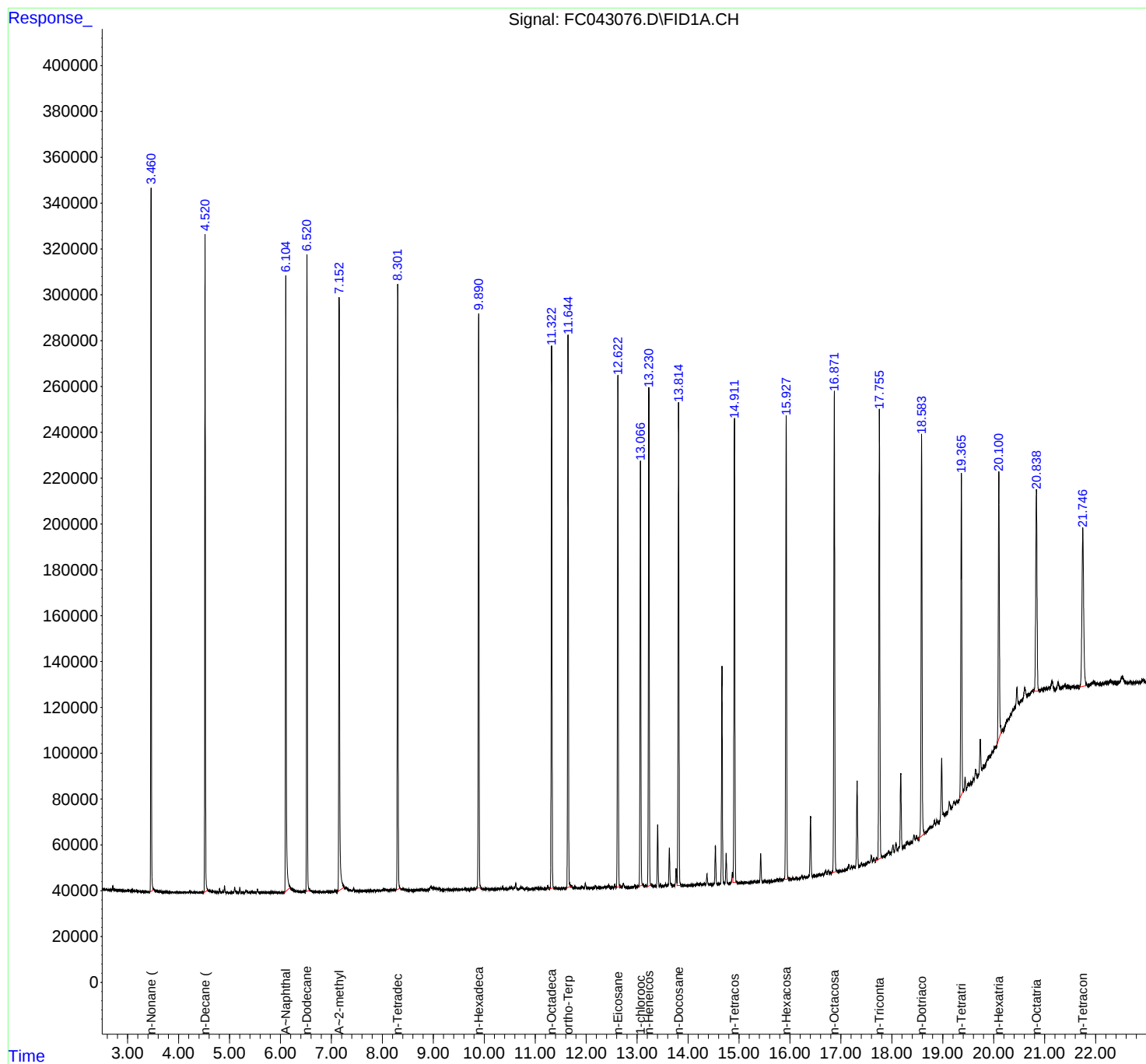
Instrument :
FID_C
ClientSampleId :

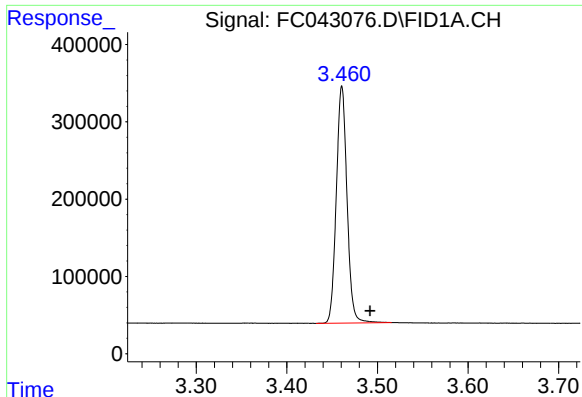
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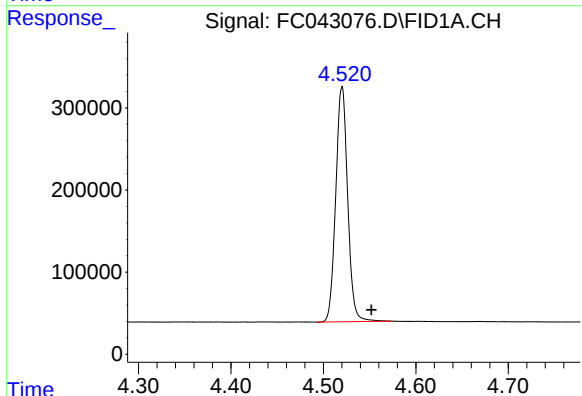
#1 n-Nonane (C9)

R.T.: 3.461 min
Delta R.T.: -0.031 min
Response: 2516879
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :

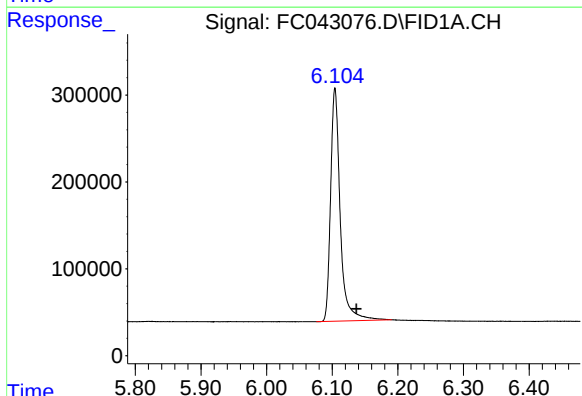
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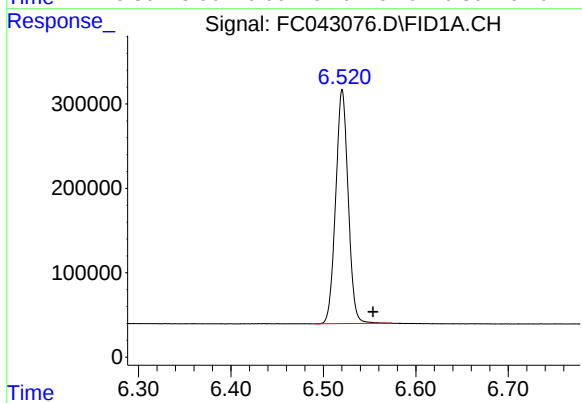
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.032 min
Response: 2573022
Conc: 20.51 ug/ml



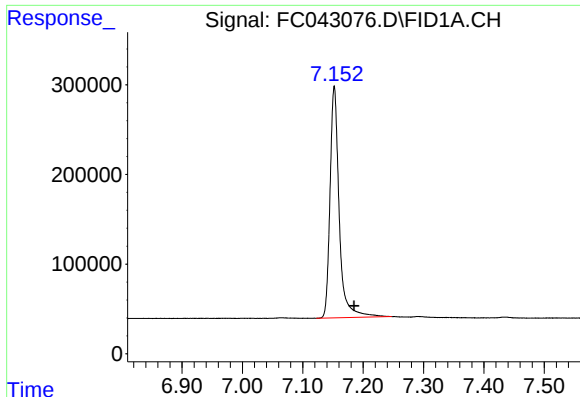
#3 A~Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: -0.032 min
Response: 2730112
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.520 min
Delta R.T.: -0.033 min
Response: 2606492
Conc: 20.55 ug/ml



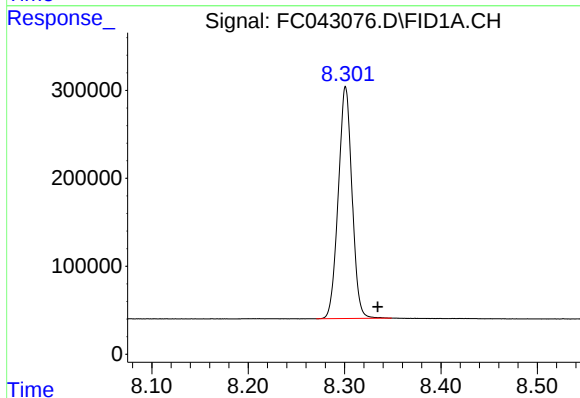
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: -0.033 min
Response: 2728991
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :

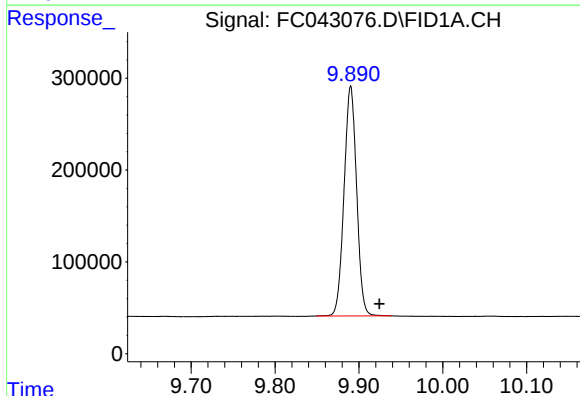
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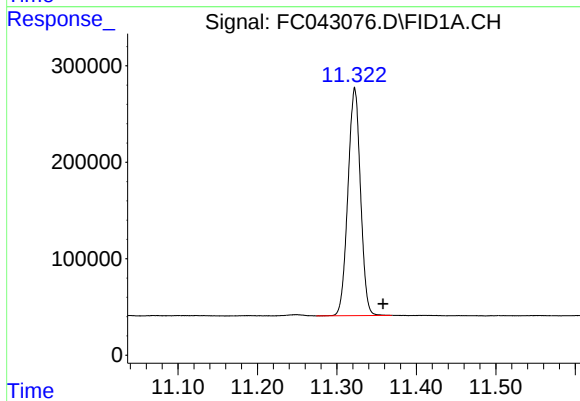
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.033 min
Response: 2609356
Conc: 20.45 ug/ml



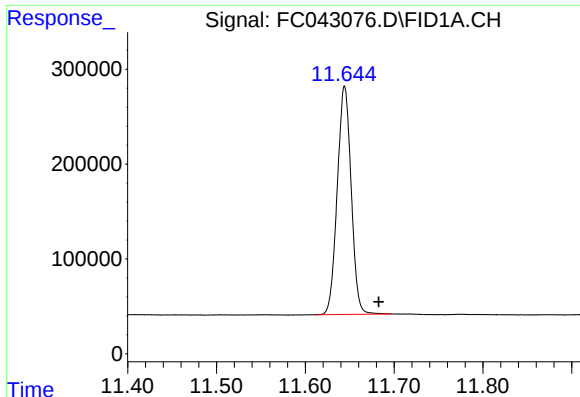
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.034 min
Response: 2599844
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.036 min
Response: 2594291
Conc: 19.61 ug/ml



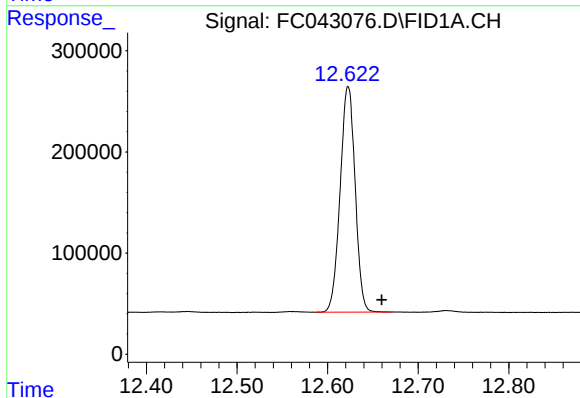
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.038 min
Response: 2620596
Conc: 18.45 ug/ml

Instrument :
FID_C
ClientSampleId :

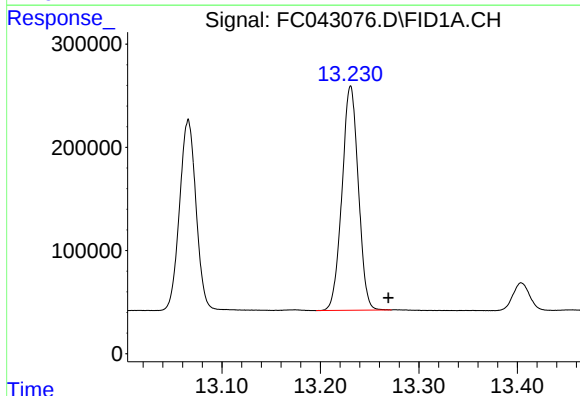
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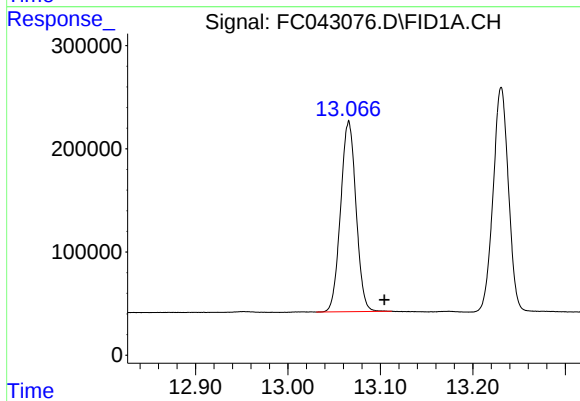
#10 n-Eicosane (C20)

R.T.: 12.623 min
Delta R.T.: -0.037 min
Response: 2565038
Conc: 18.98 ug/ml



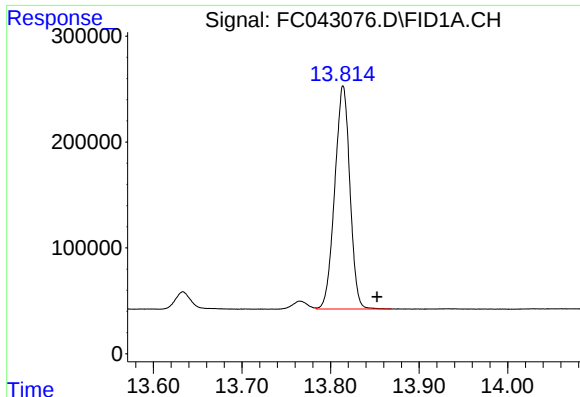
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.038 min
Response: 2504084
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min
Delta R.T.: -0.039 min
Response: 2139247
Conc: 18.02 ug/ml



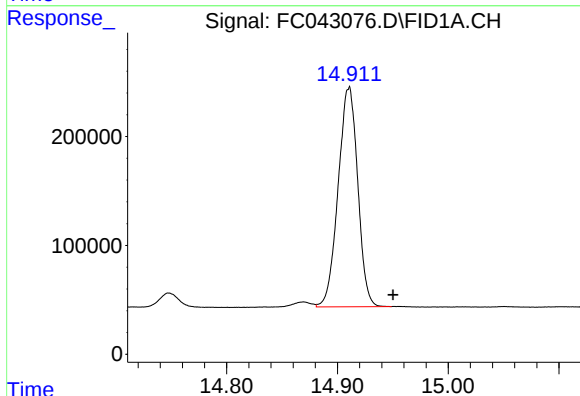
#13 n-Docosane (C22)

R.T.: 13.814 min
Delta R.T.: -0.038 min
Response: 2508256
Conc: 18.48 ug/ml

Instrument :
FID_C
ClientSampleId :

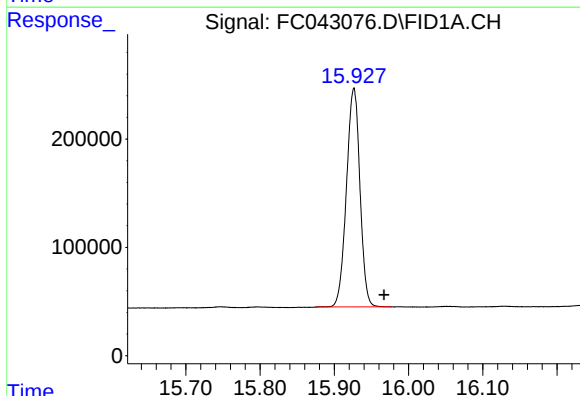
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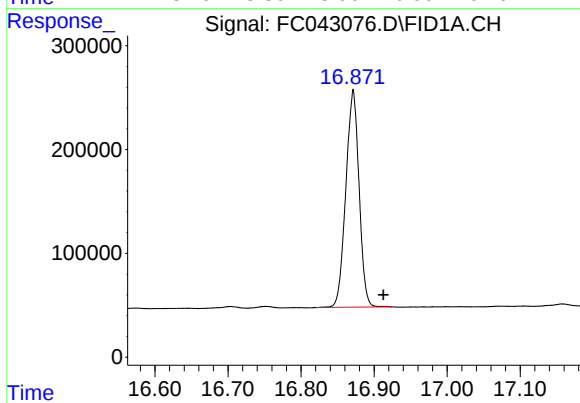
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.040 min
Response: 2478350
Conc: 18.20 ug/ml



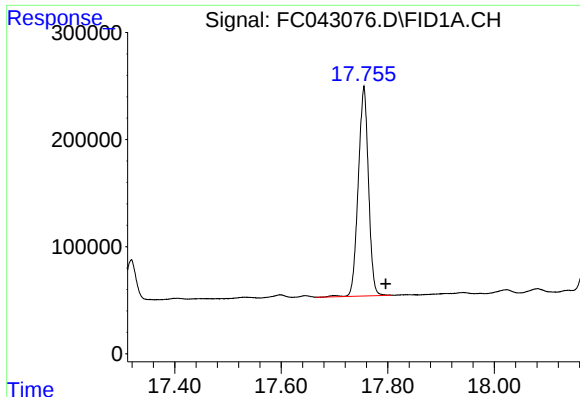
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.041 min
Response: 2551813
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: -0.041 min
Response: 2632992
Conc: 19.79 ug/ml



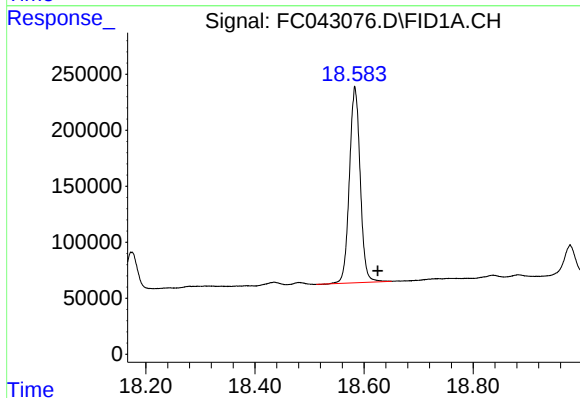
#17 n-Tricontane (C30)

R.T.: 17.755 min
Delta R.T.: -0.041 min
Response: 2603667
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :

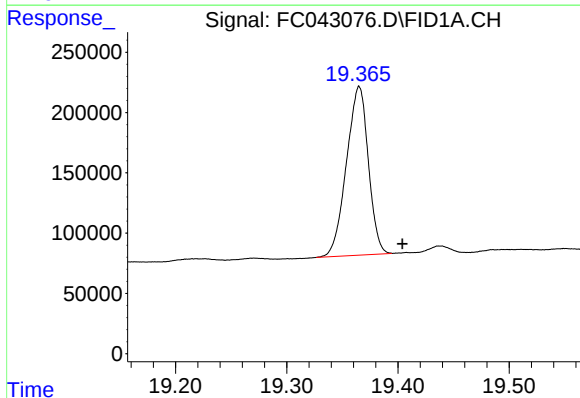
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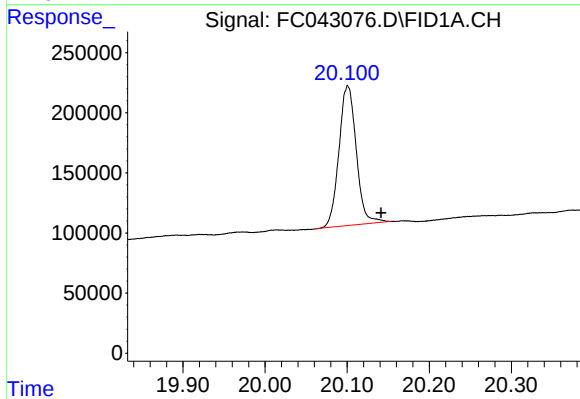
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: -0.042 min
Response: 2402275
Conc: 20.60 ug/ml



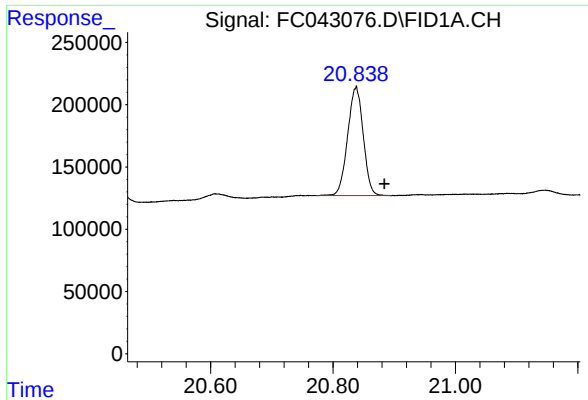
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: -0.040 min
Response: 1910978
Conc: 19.89 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: -0.041 min
Response: 1698986
Conc: 20.48 ug/ml m



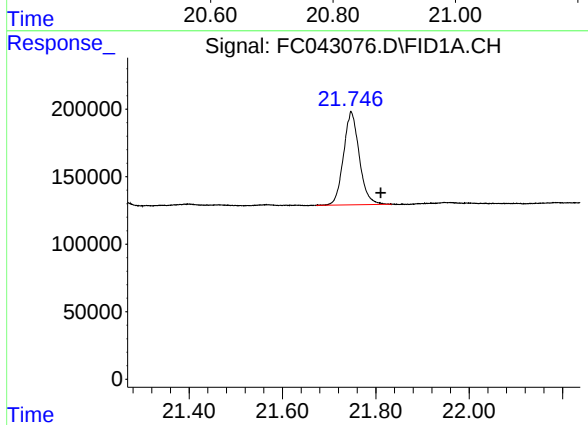
#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: -0.046 min
Response: 1538123
Conc: 20.79 ug/ml

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: -0.063 min
Response: 1612512
Conc: 22.32 ug/ml