

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021921AL\
 Data File : FC052091.D
 Signal(s) : FID1A.CH
 Acq On : 20 Feb 2021 00:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 20 00:49:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 2021
 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)	11.698	2579136	21.249 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	13.128	2060725	20.987 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
Target Compounds			
1) T n-Nonane (C9)	3.451	2252396	21.316 ug/ml
2) T n-Decane (C10)	4.520	2282895	21.423 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2588757	21.646 ug/ml
4) T n-Dodecane (C12)	6.537	2338896	21.630 ug/ml
5) T A~2-methylnaphthalene...	7.169	2652005	21.734 ug/ml
6) T n-Tetradecane (C14)	8.332	2363355	21.762 ug/ml
7) T n-Hexadecane (C16)	9.932	2340151	21.684 ug/ml
8) T n-Octadecane (C18)	11.374	2432817	21.519 ug/ml
10) T n-Eicosane (C20)	12.684	2435561	21.207 ug/ml
11) T n-Heneicosane (C21)	13.295	2421624	21.012 ug/ml
13) T n-Docosane (C22)	13.882	2401653	20.720 ug/ml
14) T n-Tetracosane (C24)	14.983	2353583	20.099 ug/ml
15) T n-Hexacosane (C26)	16.005	2255310	19.290 ug/ml
16) T n-Octacosane (C28)	16.952	2176492	18.506 ug/ml
17) T n-Tricontane (C30)	17.841	2107111	17.827 ug/ml
18) T n-Dotriacontane (C32)	18.673	2009120	17.133 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1939689	16.748 ug/ml
20) T n-Hexatriacontane (C36)	20.196	1855478	16.677 ug/ml
21) T n-Octatriacontane (C38)	20.952	1758464	17.170 ug/ml
22) T n-Tetracontane (C40)	21.900	1793102	17.395 ug/ml

(f)=RT Delta > 1/2 Window

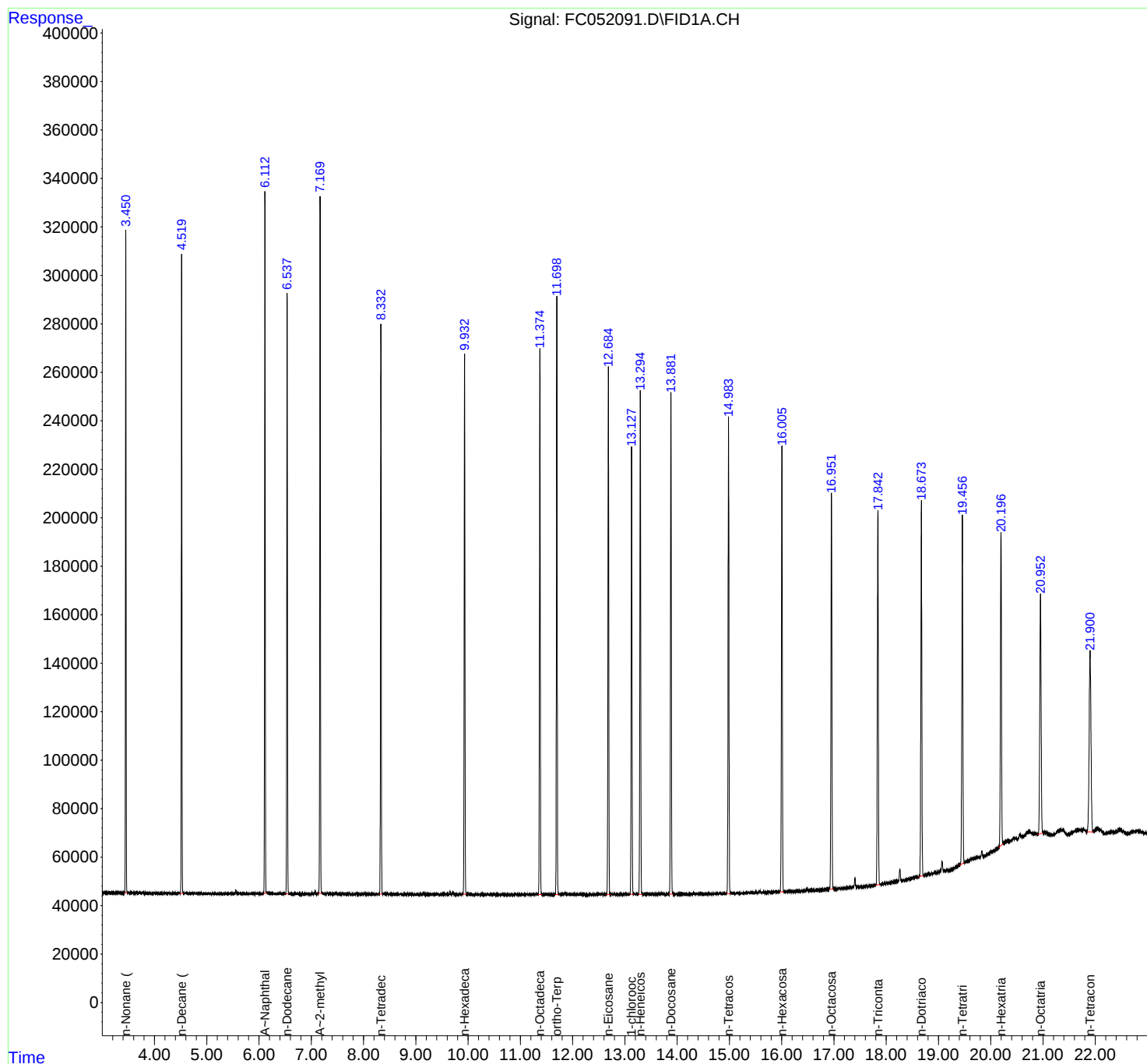
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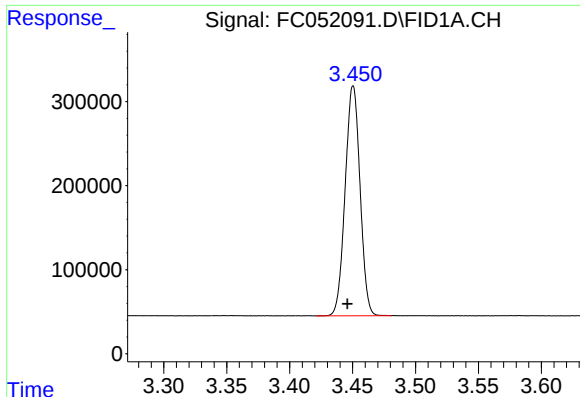
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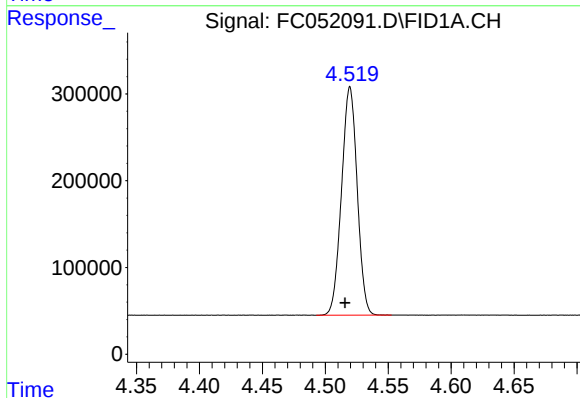




#1 n-Nonane (C9)

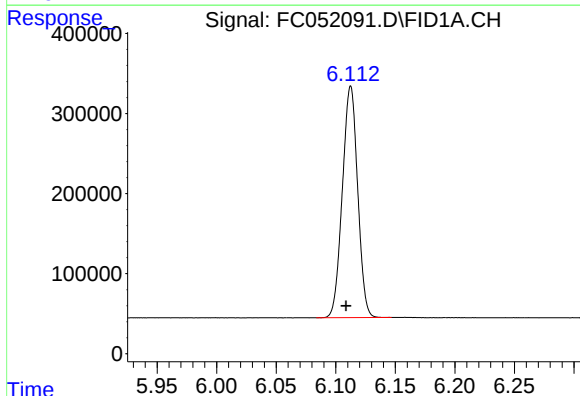
R.T.: 3.451 min
Delta R.T.: 0.005 min
Response: 2252396
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



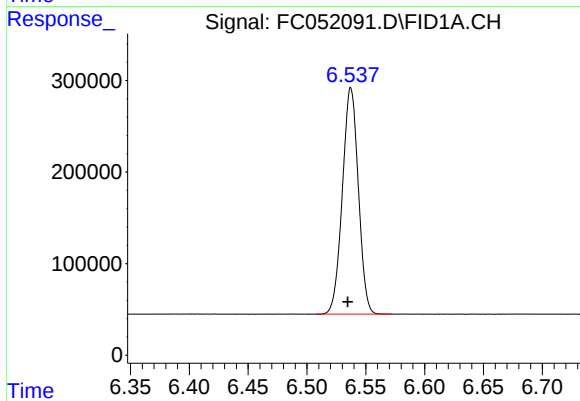
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 2282895
Conc: 21.42 ug/ml



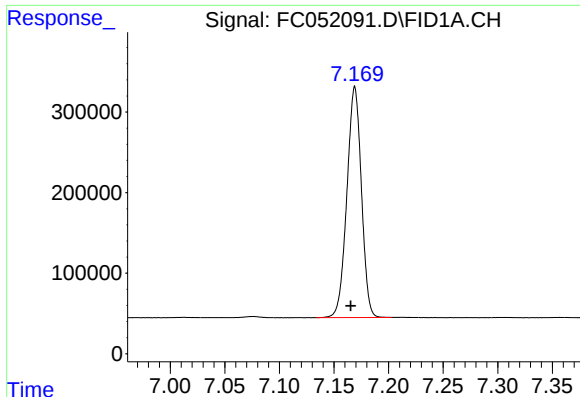
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.004 min
Response: 2588757
Conc: 21.65 ug/ml



#4 n-Dodecane (C12)

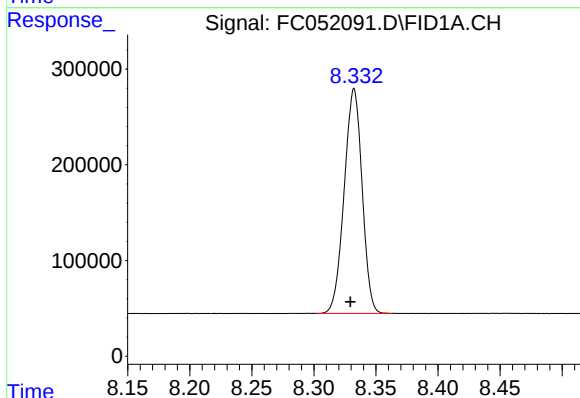
R.T.: 6.537 min
Delta R.T.: 0.003 min
Response: 2338896
Conc: 21.63 ug/ml



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

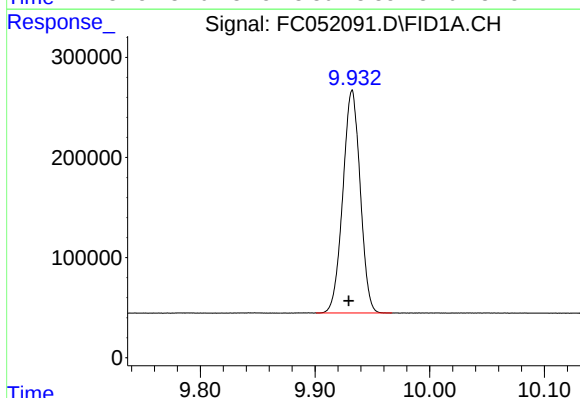
R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 2652005
Conc: 21.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



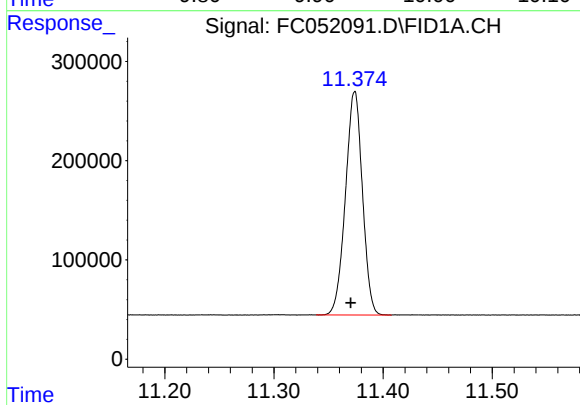
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: 0.003 min
Response: 2363355
Conc: 21.76 ug/ml



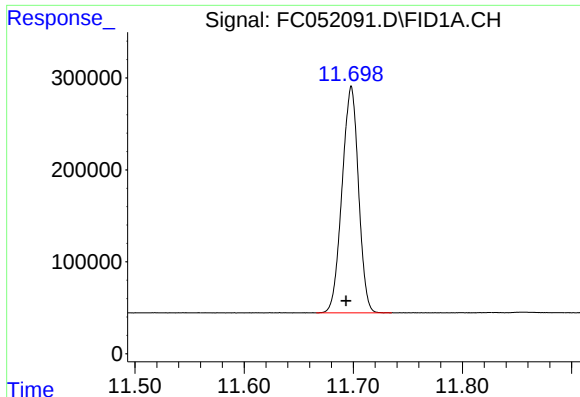
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: 0.003 min
Response: 2340151
Conc: 21.68 ug/ml



#8 n-Octadecane (C18)

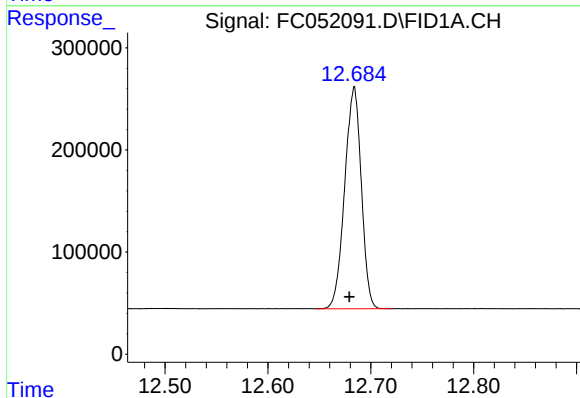
R.T.: 11.374 min
Delta R.T.: 0.004 min
Response: 2432817
Conc: 21.52 ug/ml



#9 ortho-Terphenyl (SURR)

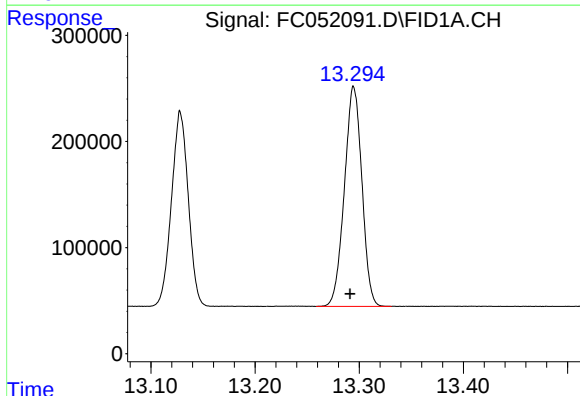
R.T.: 11.698 min
Delta R.T.: 0.005 min
Response: 2579136
Conc: 21.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



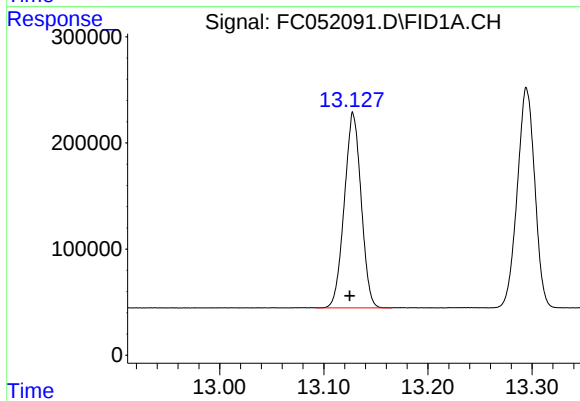
#10 n-Eicosane (C20)

R.T.: 12.684 min
Delta R.T.: 0.005 min
Response: 2435561
Conc: 21.21 ug/ml



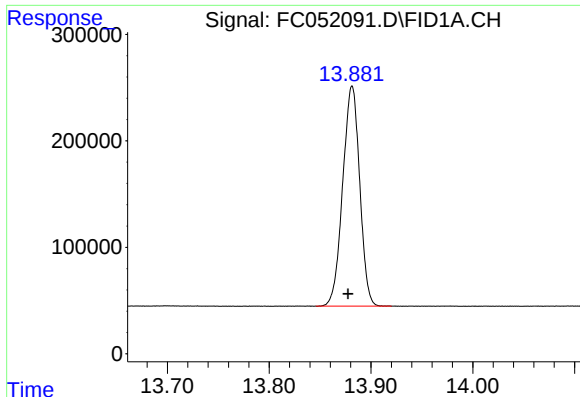
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: 0.003 min
Response: 2421624
Conc: 21.01 ug/ml



#12 1-chlorooctadecane (SURR)

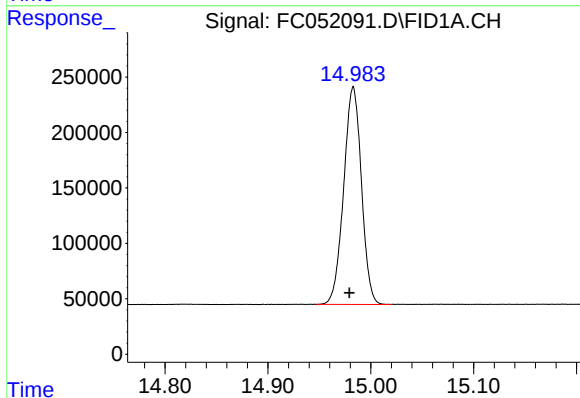
R.T.: 13.128 min
Delta R.T.: 0.003 min
Response: 2060725
Conc: 20.99 ug/ml



#13 n-Docosane (C22)

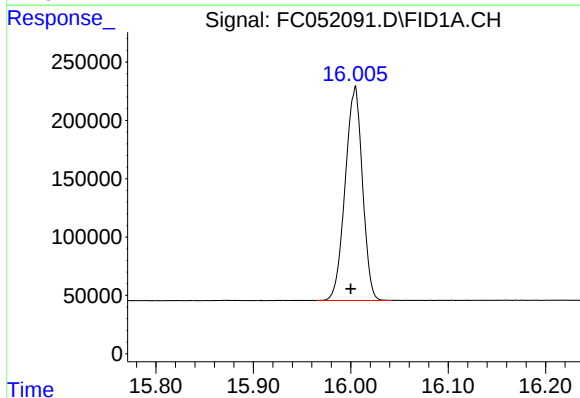
R.T.: 13.882 min
Delta R.T.: 0.004 min
Response: 2401653
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



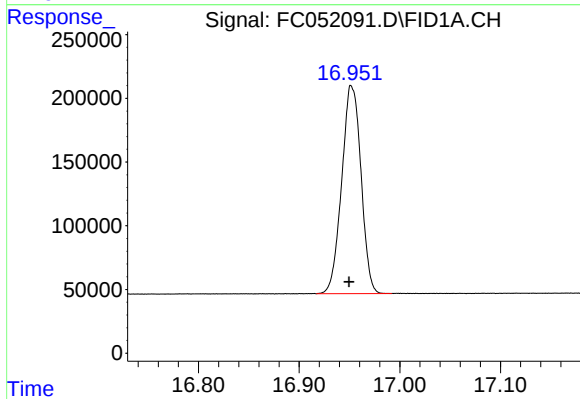
#14 n-Tetracosane (C24)

R.T.: 14.983 min
Delta R.T.: 0.004 min
Response: 2353583
Conc: 20.10 ug/ml



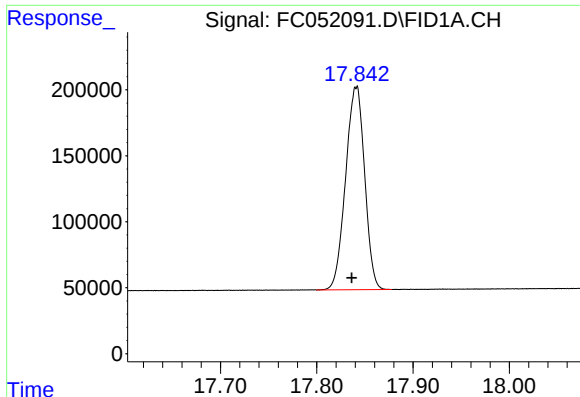
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: 0.004 min
Response: 2255310
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

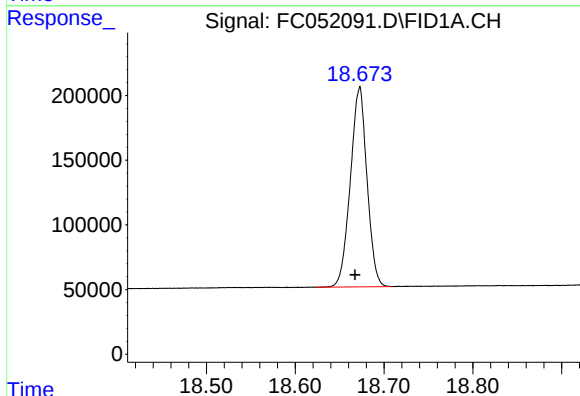
R.T.: 16.952 min
Delta R.T.: 0.003 min
Response: 2176492
Conc: 18.51 ug/ml



#17 n-Tricontane (C30)

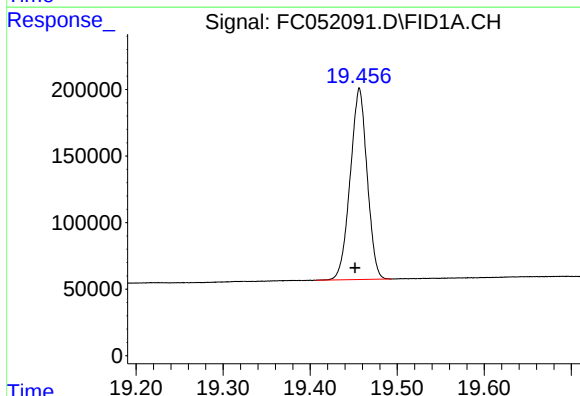
R.T.: 17.841 min
Delta R.T.: 0.005 min
Response: 2107111
Conc: 17.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



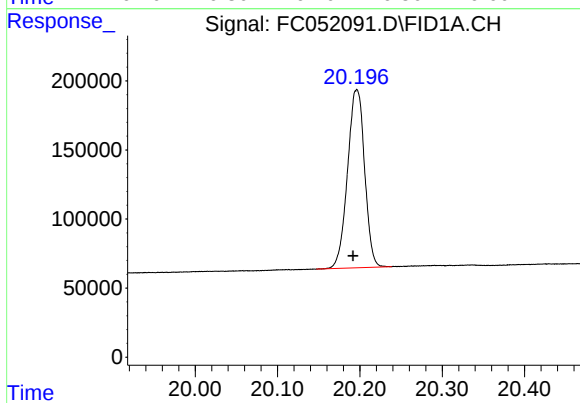
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.005 min
Response: 2009120
Conc: 17.13 ug/ml



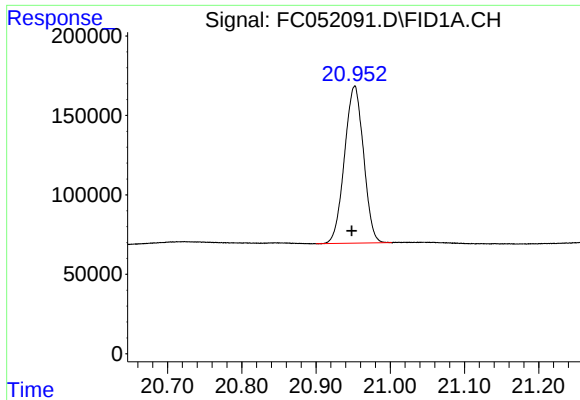
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.005 min
Response: 1939689
Conc: 16.75 ug/ml



#20 n-Hexatriacontane (C36)

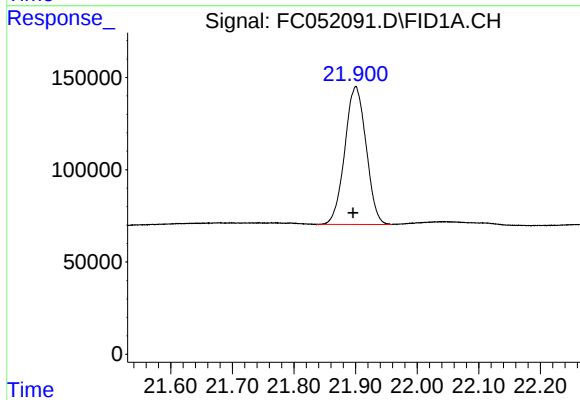
R.T.: 20.196 min
Delta R.T.: 0.005 min
Response: 1855478
Conc: 16.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.004 min
Response: 1758464
Conc: 17.17 ug/ml

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FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.005 min
Response: 1793102
Conc: 17.40 ug/ml