

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101121AL\
 Data File : FC056121.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2021 8:42
 Operator : AJ\MA
 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: Oct 12 09:37:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.636	1902801	16.036 ug/ml
Spiked Amount 50.000		Recovery =	32.07%
12) S 1-chlorooctadecane (S...	13.067	1473537	16.039 ug/ml
Spiked Amount 50.000		Recovery =	32.08%
Target Compounds			
1) T n-Nonane (C9)	3.387	1994556	18.691 ug/ml
2) T n-Decane (C10)	4.456	1977825	18.503 ug/ml
3) T A~Naphthalene (C11.7)	6.050	2140609	17.791 ug/ml
4) T n-Dodecane (C12)	6.477	1956807	18.028 ug/ml
5) T A~2-methylnaphthalene...	7.107	2071641	17.054 ug/ml
6) T n-Tetradecane (C14)	8.272	1917262	17.330 ug/ml
7) T n-Hexadecane (C16)	9.873	1861379	16.816 ug/ml
8) T n-Octadecane (C18)	11.314	1855038	16.574 ug/ml
10) T n-Eicosane (C20)	12.621	1773593	16.238 ug/ml
11) T n-Heneicosane (C21)	13.233	1759805	16.186 ug/ml
13) T n-Docosane (C22)	13.818	1718794	16.094 ug/ml
14) T n-Tetracosane (C24)	14.918	1692836	16.189 ug/ml
15) T n-Hexacosane (C26)	15.937	1650778	16.430 ug/ml
16) T n-Octacosane (C28)	16.884	1649269	17.050 ug/ml
17) T n-Tricontane (C30)	17.768	1643101	17.709 ug/ml
18) T n-Dotriacontane (C32)	18.599	1635943	18.401 ug/ml
19) T n-Tetratriacontane (C34)	19.378	1615834	18.683 ug/ml
20) T n-Hexatriacontane (C36)	20.115	1517034	18.568 ug/ml
21) T n-Octatriacontane (C38)	20.855	1422790	17.855 ug/ml
22) T n-Tetracontane (C40)	21.776	1394454	17.396 ug/ml

(f)=RT Delta > 1/2 Window

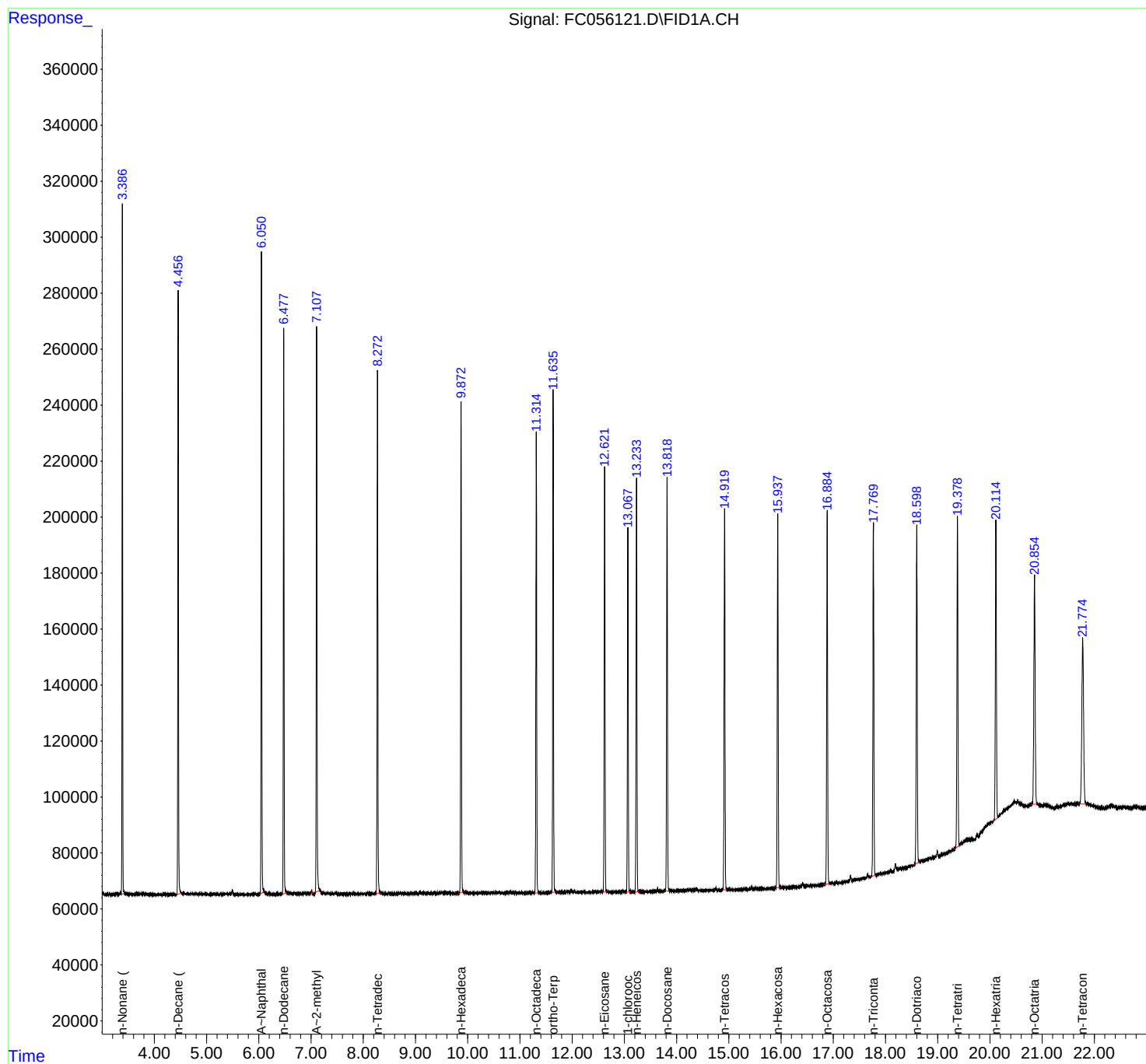
(m)=manual int.

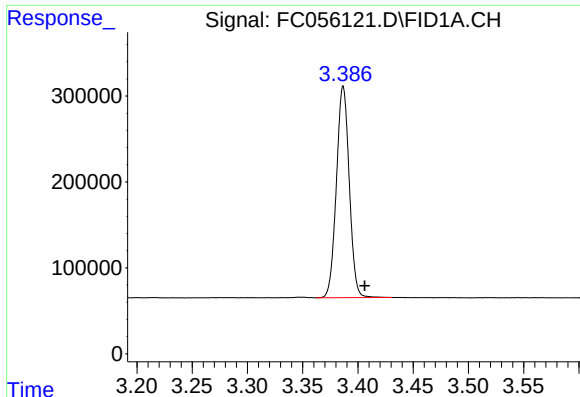
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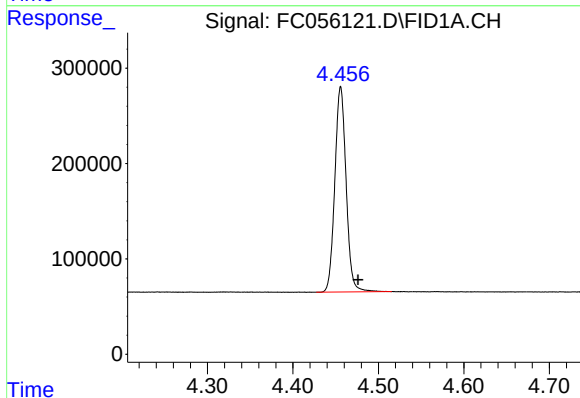




#1 n-Nonane (C9)

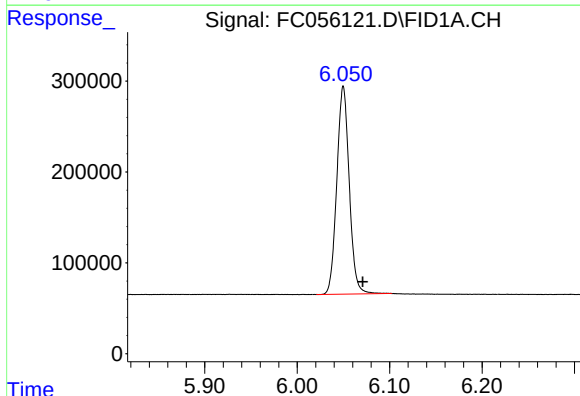
R.T.: 3.387 min
Delta R.T.: -0.019 min
Response: 1994556
Conc: 18.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



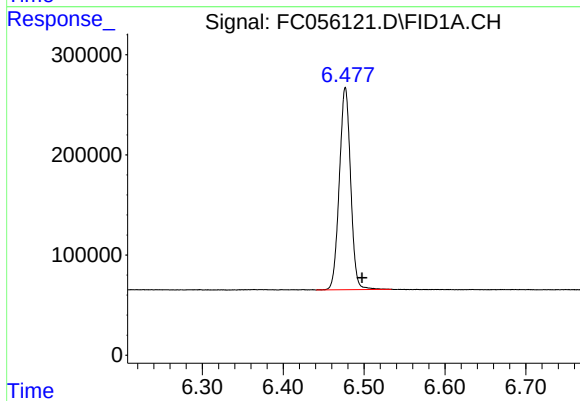
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.020 min
Response: 1977825
Conc: 18.50 ug/ml



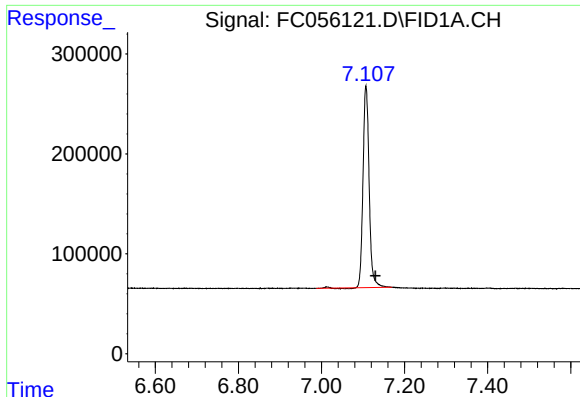
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.021 min
Response: 2140609
Conc: 17.79 ug/ml



#4 n-Dodecane (C12)

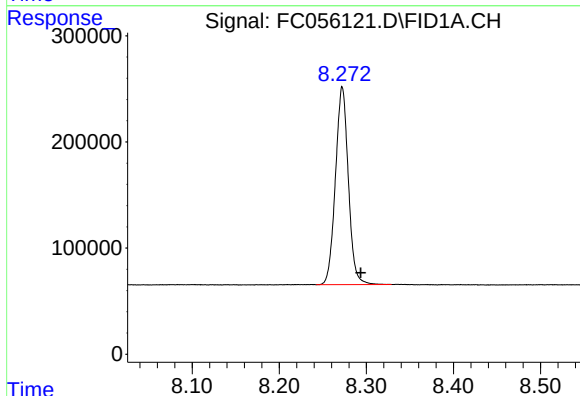
R.T.: 6.477 min
Delta R.T.: -0.021 min
Response: 1956807
Conc: 18.03 ug/ml



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

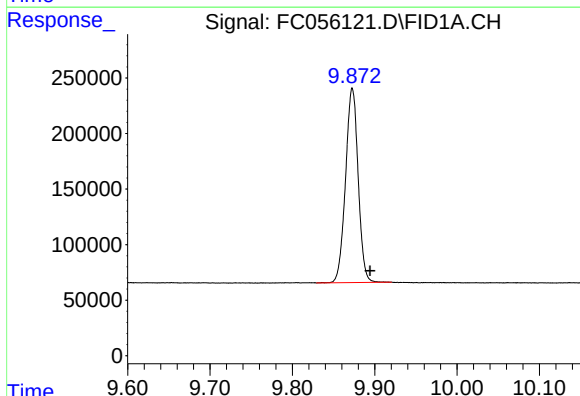
R.T.: 7.107 min
Delta R.T.: -0.023 min
Response: 2071641
Conc: 17.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



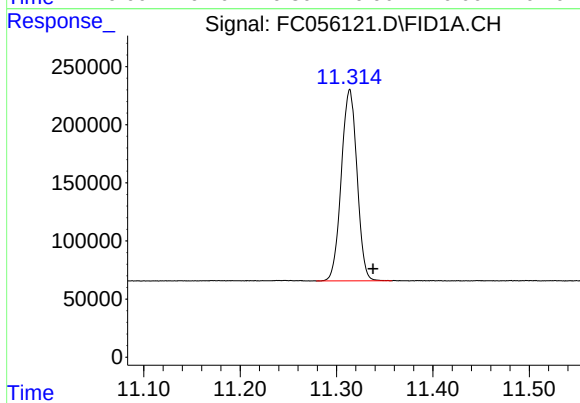
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.021 min
Response: 1917262
Conc: 17.33 ug/ml



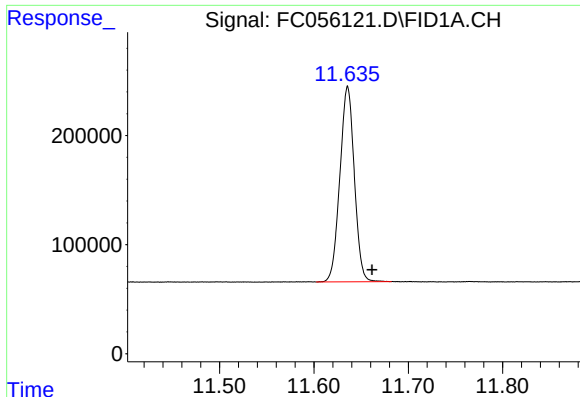
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.022 min
Response: 1861379
Conc: 16.82 ug/ml



#8 n-Octadecane (C18)

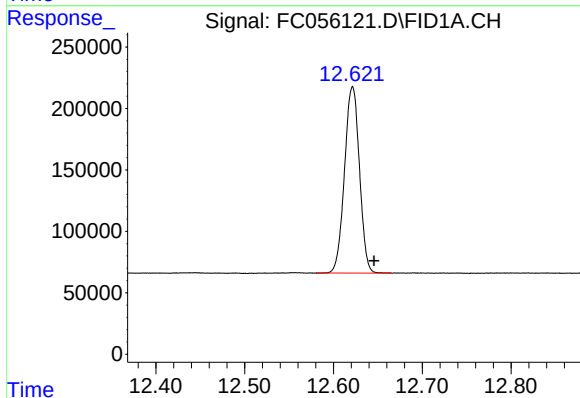
R.T.: 11.314 min
Delta R.T.: -0.024 min
Response: 1855038
Conc: 16.57 ug/ml



#9 ortho-Terphenyl (SURR)

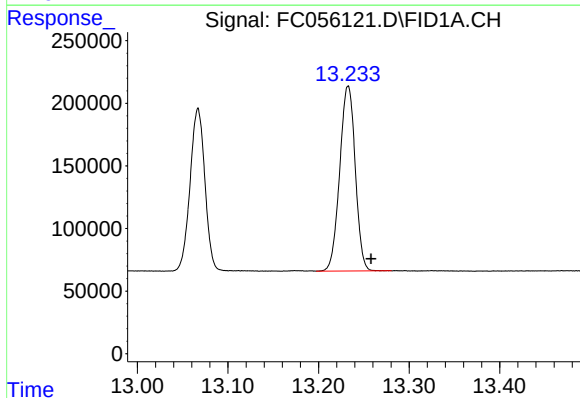
R.T.: 11.636 min
Delta R.T.: -0.026 min
Response: 1902801
Conc: 16.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



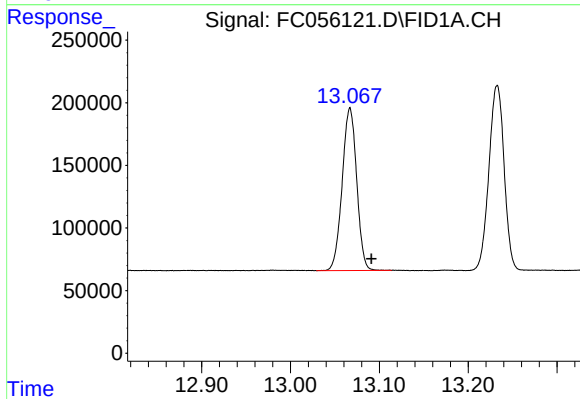
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.025 min
Response: 1773593
Conc: 16.24 ug/ml



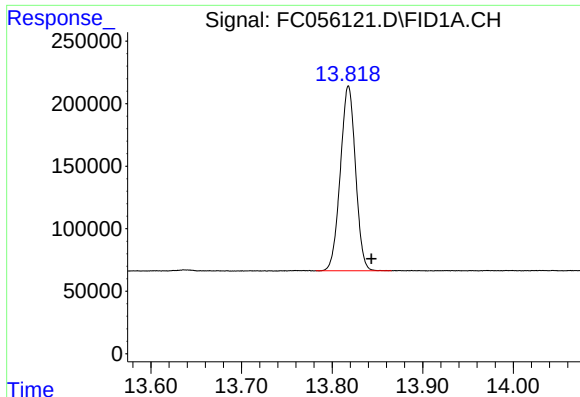
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.025 min
Response: 1759805
Conc: 16.19 ug/ml



#12 1-chlorooctadecane (SURR)

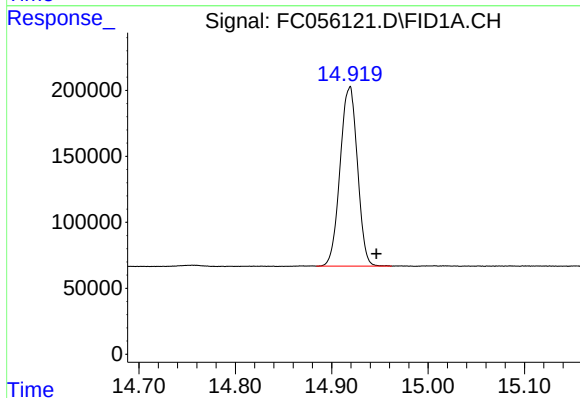
R.T.: 13.067 min
Delta R.T.: -0.024 min
Response: 1473537
Conc: 16.04 ug/ml



#13 n-Docosane (C22)

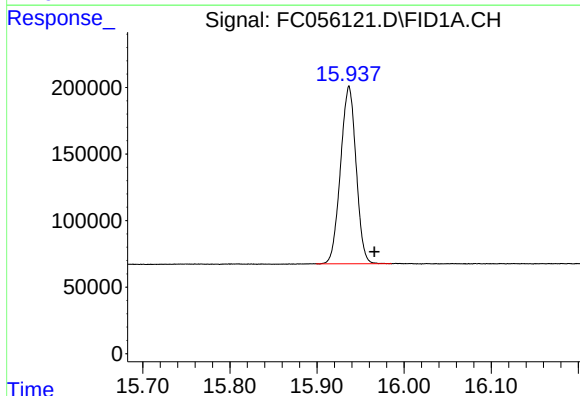
R.T.: 13.818 min
Delta R.T.: -0.026 min
Response: 1718794
Conc: 16.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



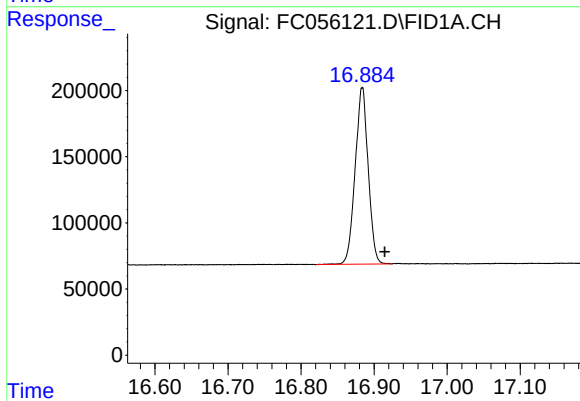
#14 n-Tetracosane (C24)

R.T.: 14.918 min
Delta R.T.: -0.028 min
Response: 1692836
Conc: 16.19 ug/ml



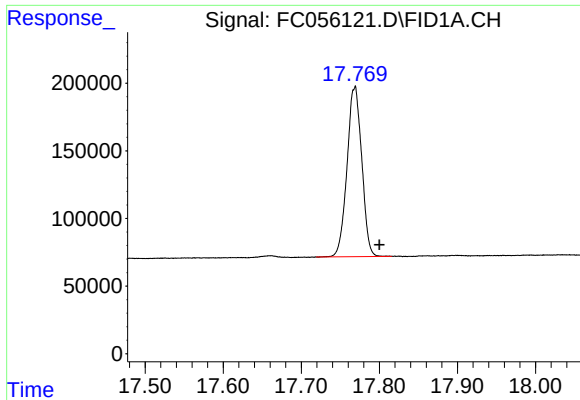
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: -0.029 min
Response: 1650778
Conc: 16.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: -0.031 min
Response: 1649269
Conc: 17.05 ug/ml



#17 n-Tricontane (C30)

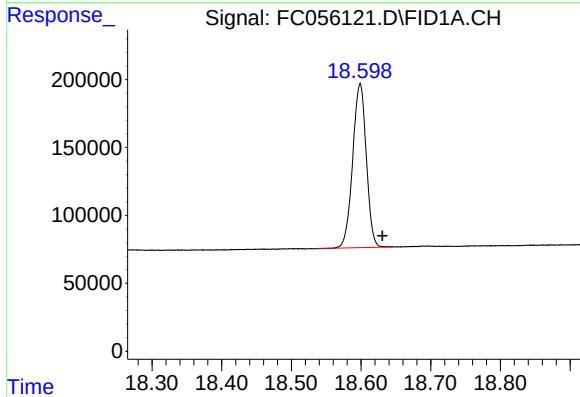
R.T.: 17.768 min

Delta R.T.: -0.032 min

Response: 1643101

Conc: 17.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



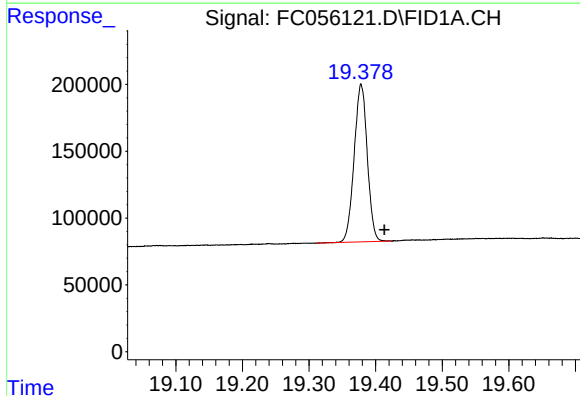
#18 n-Dotriacontane (C32)

R.T.: 18.599 min

Delta R.T.: -0.032 min

Response: 1635943

Conc: 18.40 ug/ml



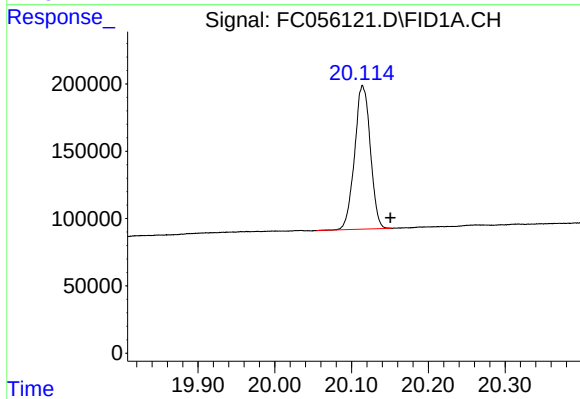
#19 n-Tetratriacontane (C34)

R.T.: 19.378 min

Delta R.T.: -0.035 min

Response: 1615834

Conc: 18.68 ug/ml



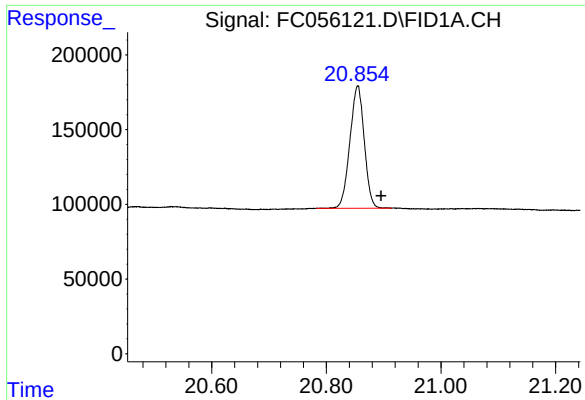
#20 n-Hexatriacontane (C36)

R.T.: 20.115 min

Delta R.T.: -0.036 min

Response: 1517034

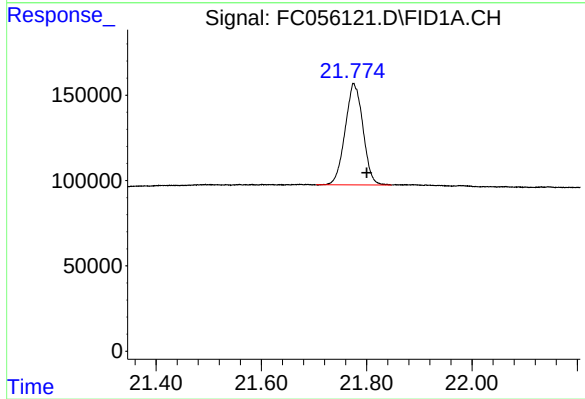
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.855 min
Delta R.T.: -0.041 min
Response: 1422790
Conc: 17.85 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.776 min
Delta R.T.: -0.024 min
Response: 1394454
Conc: 17.40 ug/ml