

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051921AL\
 Data File : FD037562.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2021 17:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 20 01:43:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.455	2259262	19.266 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	12.890	1725436	18.988 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.257	2032561	20.144 ug/ml
2) T n-Decane (C10)	4.319	2056393	20.268 ug/ml
3) T A~Naphthalene (C11.7)	5.892	2321225	20.385 ug/ml
4) T n-Dodecane (C12)	6.328	2108677	20.397 ug/ml
5) T A~2-methylnaphthalene...	6.944	2357986	20.368 ug/ml
6) T n-Tetradecane (C14)	8.115	2112656	20.270 ug/ml
7) T n-Hexadecane (C16)	9.709	2070984	20.071 ug/ml
8) T n-Octadecane (C18)	11.145	2125384	19.671 ug/ml
10) T n-Eicosane (C20)	12.449	2097768	19.248 ug/ml
11) T n-Heneicosane (C21)	13.058	2075111	19.062 ug/ml
13) T n-Docosane (C22)	13.640	2046603	18.840 ug/ml
14) T n-Tetracosane (C24)	14.738	2007424	18.526 ug/ml
15) T n-Hexacosane (C26)	15.754	1953077	18.336 ug/ml
16) T n-Octacosane (C28)	16.698	1940728	18.317 ug/ml
17) T n-Tricontane (C30)	17.581	1956853	18.587 ug/ml
18) T n-Dotriacontane (C32)	18.408	1948170	18.703 ug/ml
19) T n-Tetratriacontane (C34)	19.187	1922023	18.909 ug/ml
20) T n-Hexatriacontane (C36)	19.922	1826351	18.724 ug/ml
21) T n-Octatriacontane (C38)	20.631	1785437	19.421 ug/ml
22) T n-Tetracontane (C40)	21.474	1842725	19.137 ug/ml

(f)=RT Delta > 1/2 Window

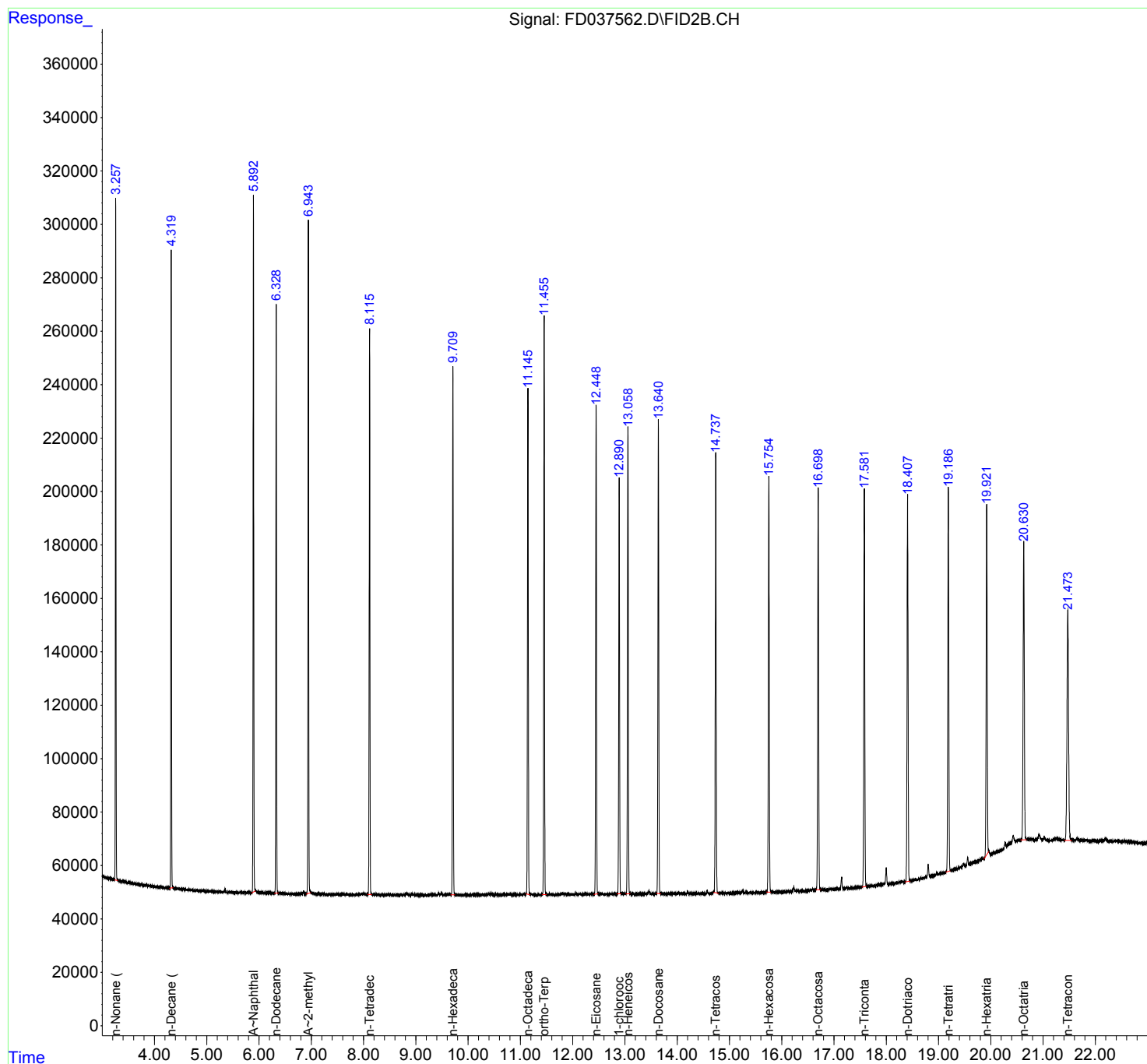
(m)=manual int.

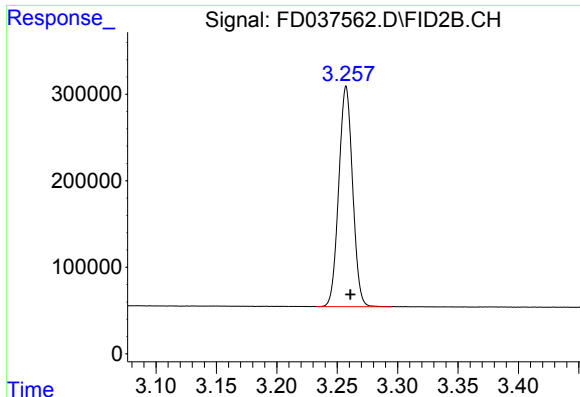
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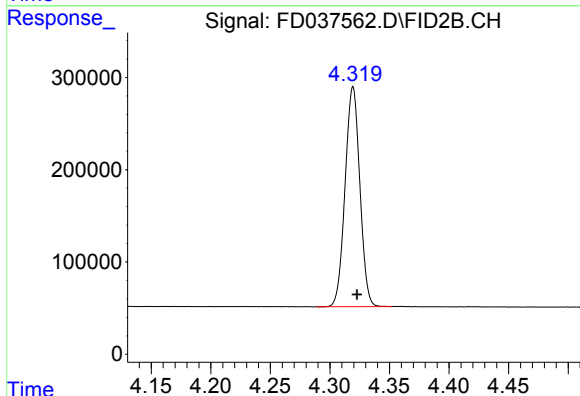




#1 n-Nonane (C9)

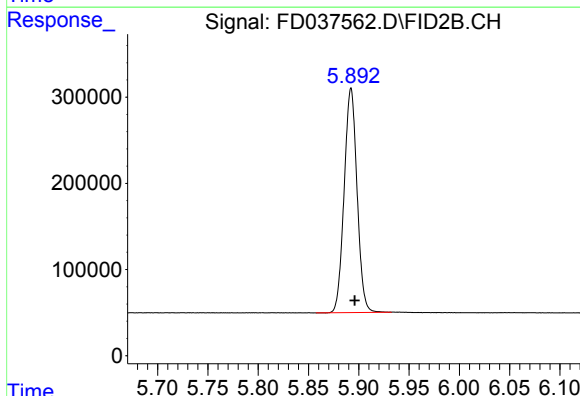
R.T.: 3.257 min
Delta R.T.: -0.004 min
Response: 2032561
Conc: 20.14 ug/ml

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20 PPM ALIPHATIC HC STD



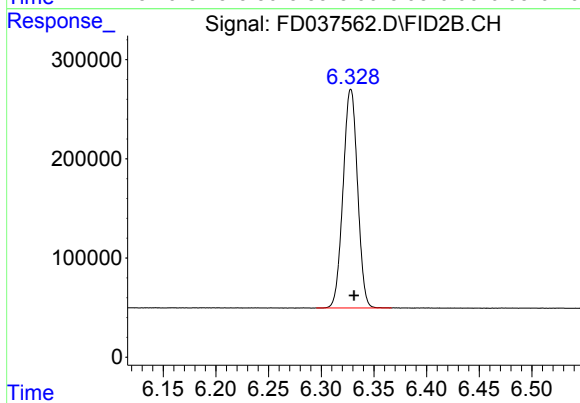
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 2056393
Conc: 20.27 ug/ml



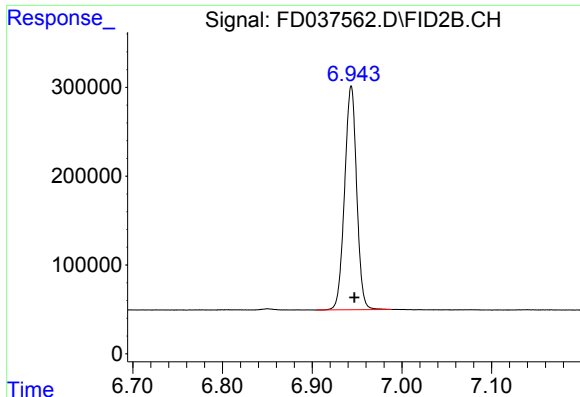
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 2321225
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

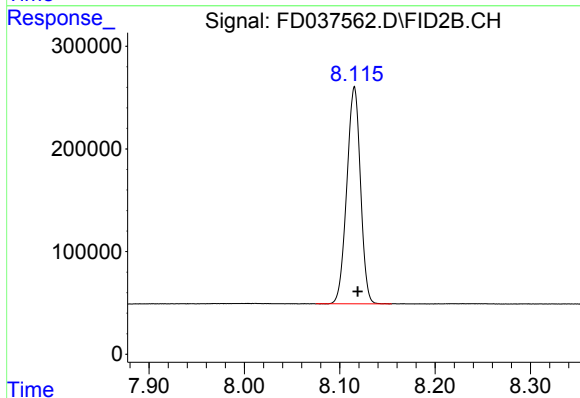
R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 2108677
Conc: 20.40 ug/ml



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

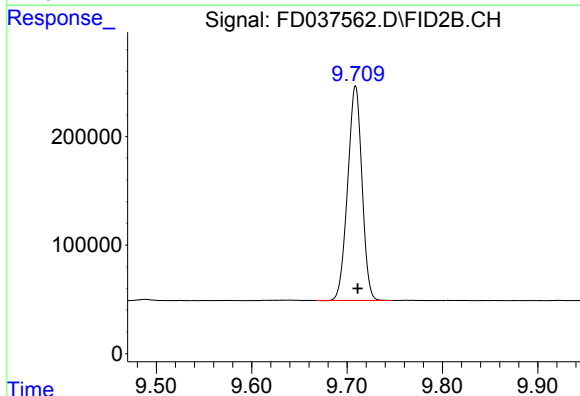
R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 2357986
Conc: 20.37 ug/ml

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20 PPM ALIPHATIC HC STD



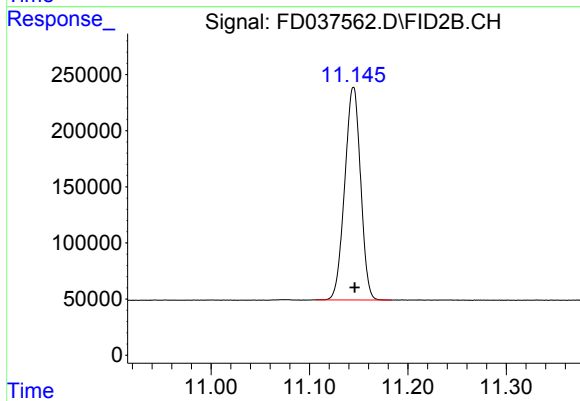
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.003 min
Response: 2112656
Conc: 20.27 ug/ml



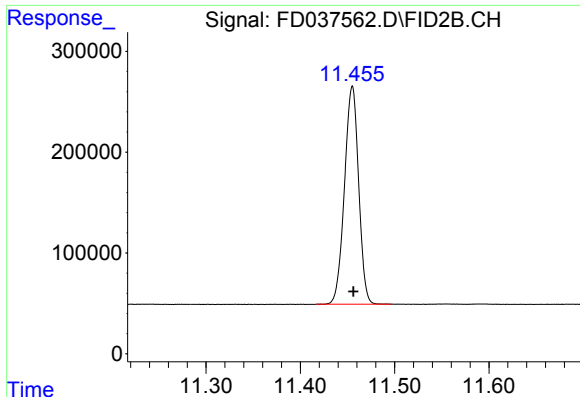
#7 n-Hexadecane (C16)

R.T.: 9.709 min
Delta R.T.: -0.002 min
Response: 2070984
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

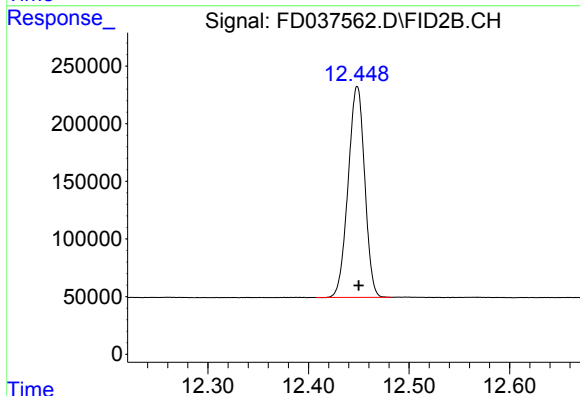
R.T.: 11.145 min
Delta R.T.: -0.001 min
Response: 2125384
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

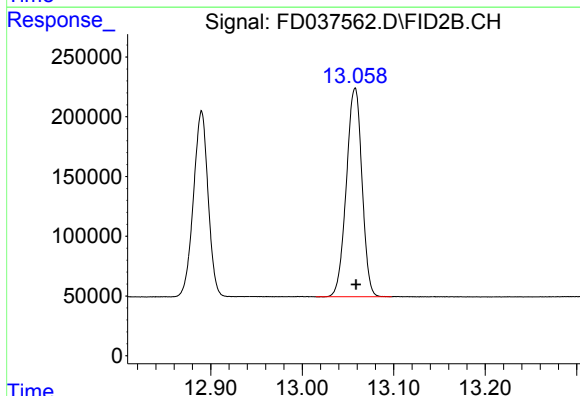
R.T.: 11.455 min
Delta R.T.: -0.001 min
Response: 2259262
Conc: 19.27 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



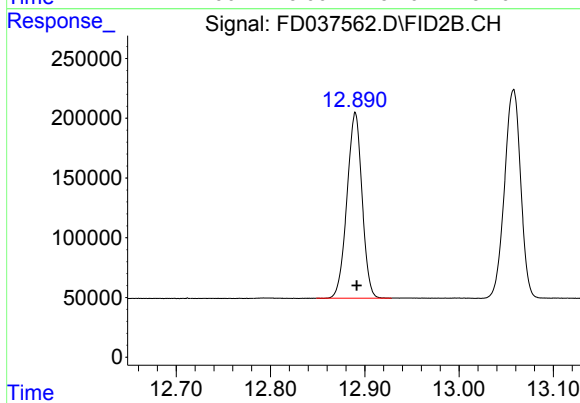
#10 n-Eicosane (C20)

R.T.: 12.449 min
Delta R.T.: -0.001 min
Response: 2097768
Conc: 19.25 ug/ml



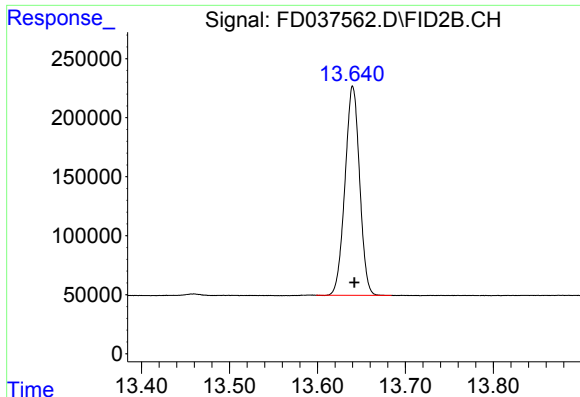
#11 n-Heneicosane (C21)

R.T.: 13.058 min
Delta R.T.: -0.001 min
Response: 2075111
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

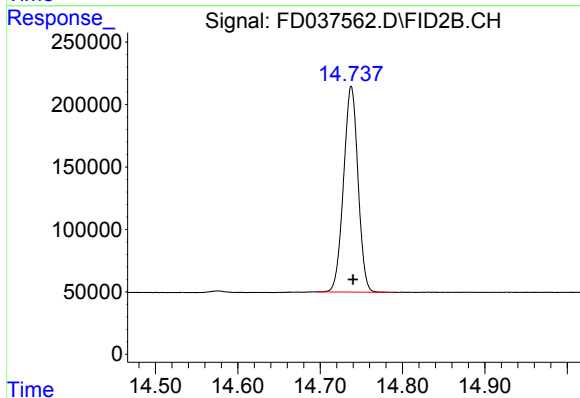
R.T.: 12.890 min
Delta R.T.: -0.001 min
Response: 1725436
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

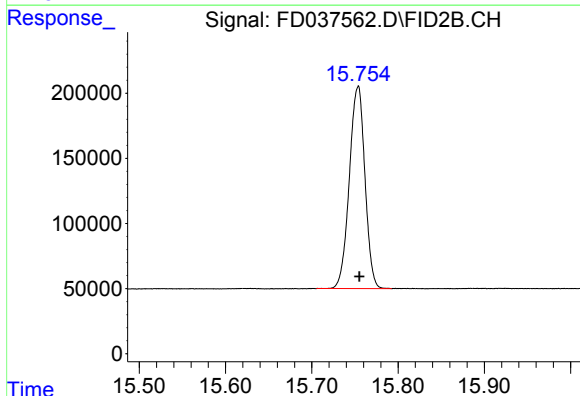
R.T.: 13.640 min
Delta R.T.: -0.002 min
Response: 2046603
Conc: 18.84 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



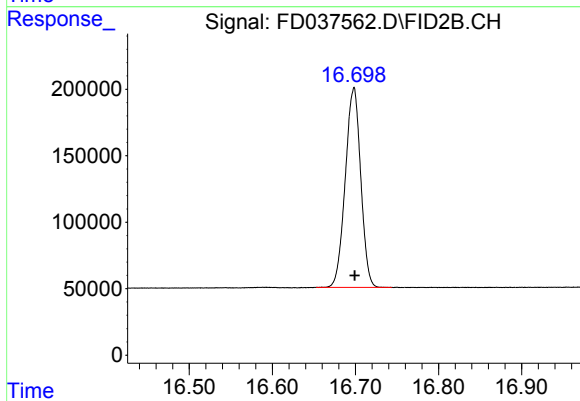
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.002 min
Response: 2007424
Conc: 18.53 ug/ml



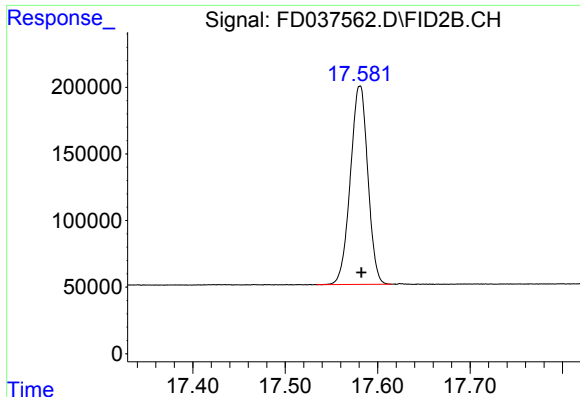
#15 n-Hexacosane (C26)

R.T.: 15.754 min
Delta R.T.: -0.001 min
Response: 1953077
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

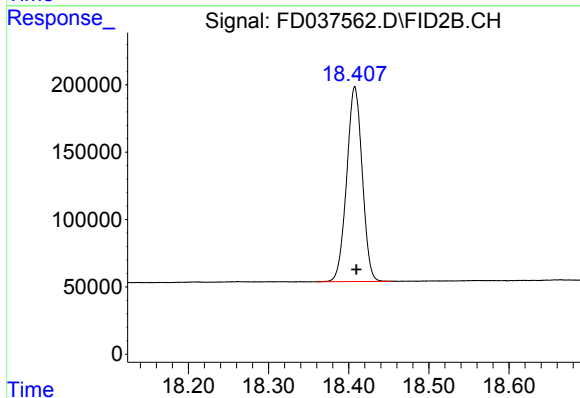
R.T.: 16.698 min
Delta R.T.: 0.000 min
Response: 1940728
Conc: 18.32 ug/ml



#17 n-Tricontane (C30)

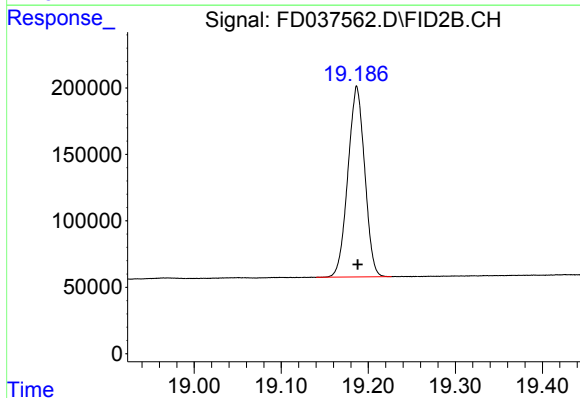
R.T.: 17.581 min
Delta R.T.: -0.001 min
Response: 1956853
Conc: 18.59 ug/ml

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20 PPM ALIPHATIC HC STD



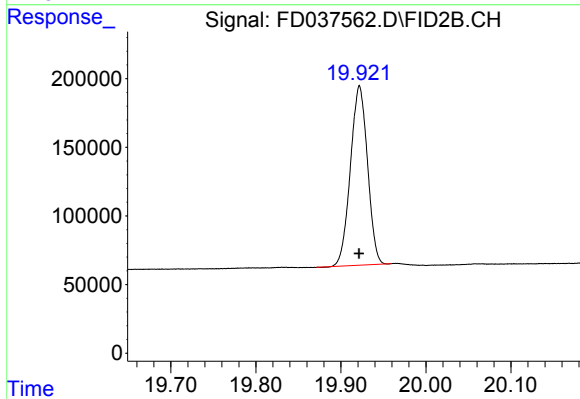
#18 n-Dotriacontane (C32)

R.T.: 18.408 min
Delta R.T.: -0.002 min
Response: 1948170
Conc: 18.70 ug/ml



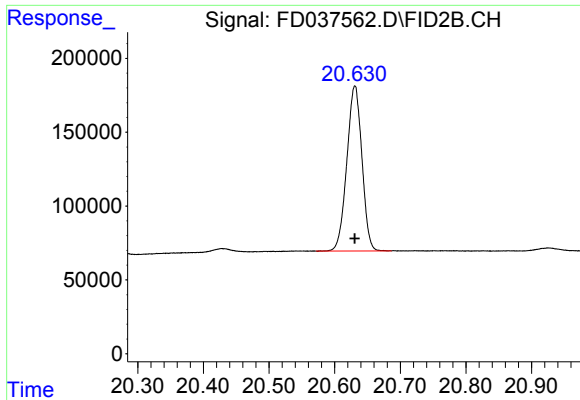
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min
Delta R.T.: -0.001 min
Response: 1922023
Conc: 18.91 ug/ml



#20 n-Hexatriacontane (C36)

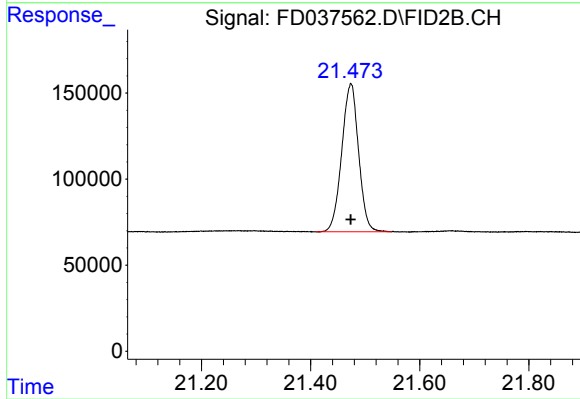
R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 1826351
Conc: 18.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: 0.000 min
Response: 1785437
Conc: 19.42 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: 0.000 min
Response: 1842725
Conc: 19.14 ug/ml