

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051821AL\
 Data File : FD037546.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2021 5:45
 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 19 06:40:20 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)	11.460	2146731	18.306 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
12) S 1-chlorooctadecane (S...	12.893	1640072	18.049 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.261	1973177	19.556 ug/ml
2) T n-Decane (C10)	4.324	1991760	19.631 ug/ml
3) T A~Naphthalene (C11.7)	5.898	2237141	19.647 ug/ml
4) T n-Dodecane (C12)	6.333	2027528	19.612 ug/ml
5) T A~2-methylnaphthalene...	6.950	2263156	19.549 ug/ml
6) T n-Tetradecane (C14)	8.121	2020249	19.384 ug/ml
7) T n-Hexadecane (C16)	9.714	1972558	19.117 ug/ml
8) T n-Octadecane (C18)	11.149	2019483	18.691 ug/ml
10) T n-Eicosane (C20)	12.453	1989888	18.258 ug/ml
11) T n-Heneicosane (C21)	13.061	1969205	18.089 ug/ml
13) T n-Docosane (C22)	13.645	1944415	17.899 ug/ml
14) T n-Tetracosane (C24)	14.742	1902916	17.562 ug/ml
15) T n-Hexacosane (C26)	15.757	1856728	17.431 ug/ml
16) T n-Octacosane (C28)	16.702	1851094	17.471 ug/ml
17) T n-Tricontane (C30)	17.585	1873628	17.797 ug/ml
18) T n-Dotriacontane (C32)	18.412	1864294	17.898 ug/ml
19) T n-Tetratriacontane (C34)	19.191	1838810	18.091 ug/ml
20) T n-Hexatriacontane (C36)	19.927	1756171	18.004 ug/ml
21) T n-Octatriacontane (C38)	20.634	1835196	19.962 ug/ml
22) T n-Tetracontane (C40)	21.478	1727904	17.944 ug/ml

(f)=RT Delta > 1/2 Window

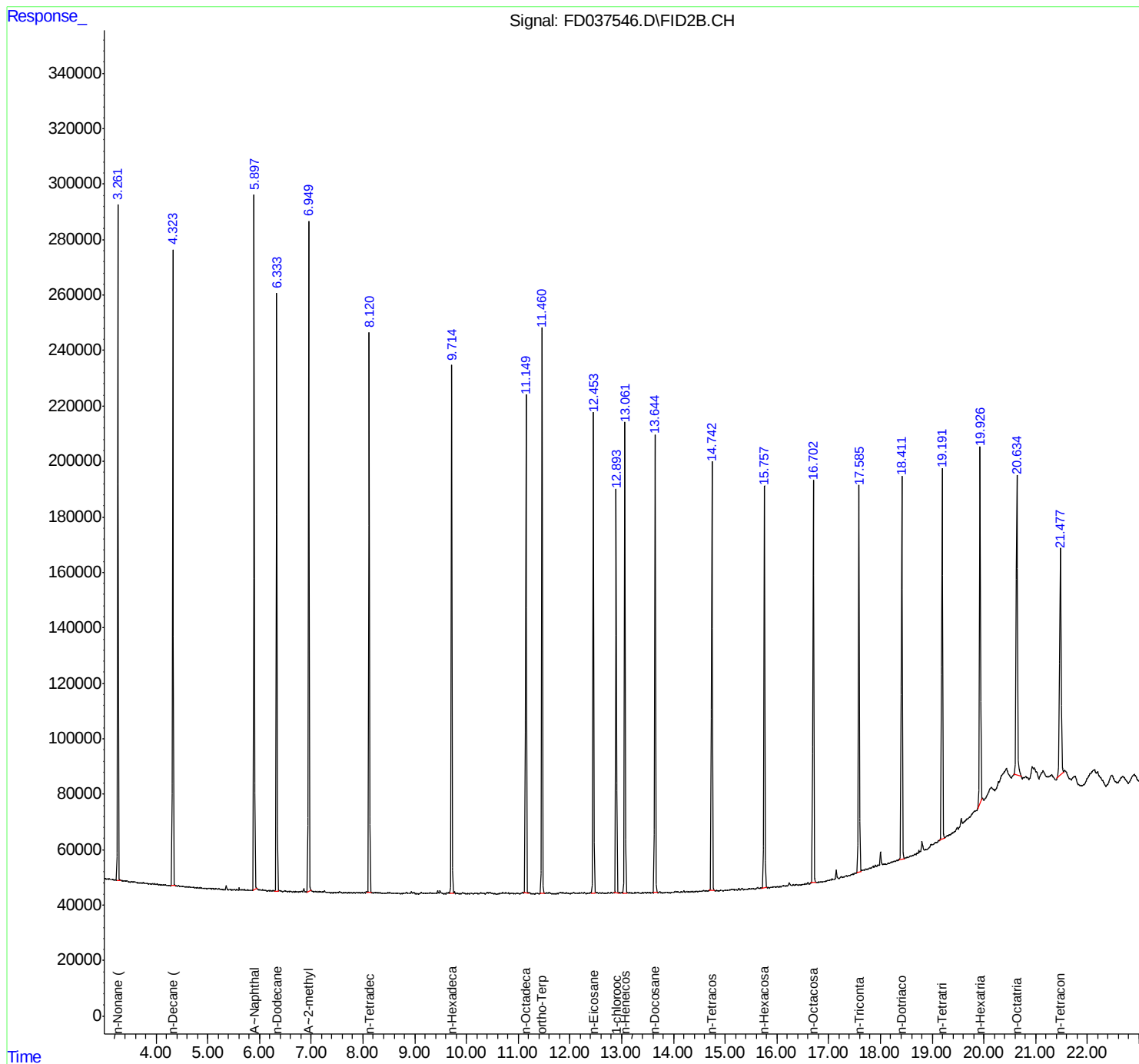
(m)=manual int.

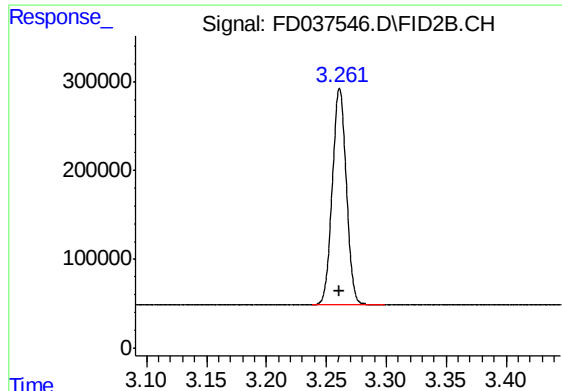
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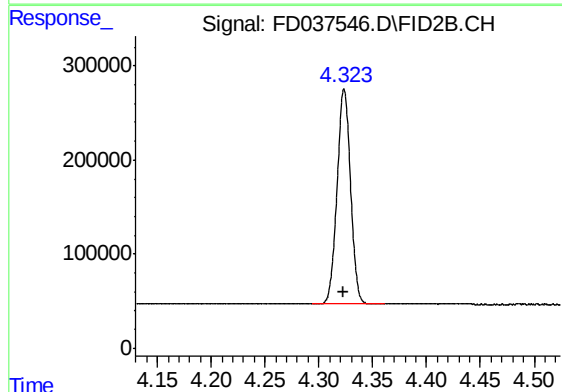




#1 n-Nonane (C9)

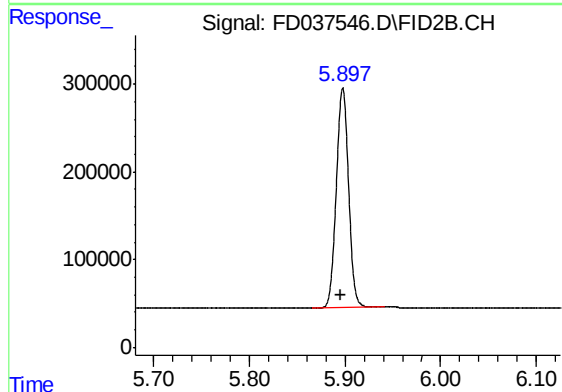
R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 1973177
Conc: 19.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



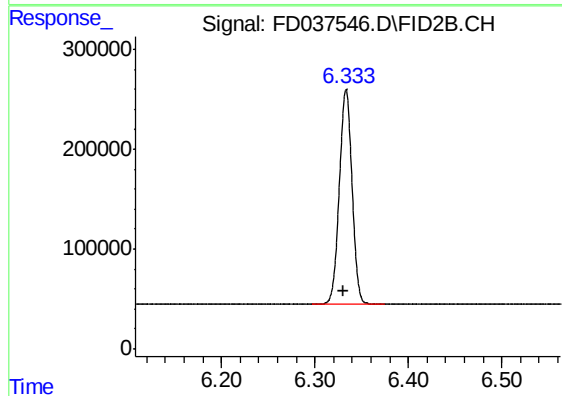
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 1991760
Conc: 19.63 ug/ml



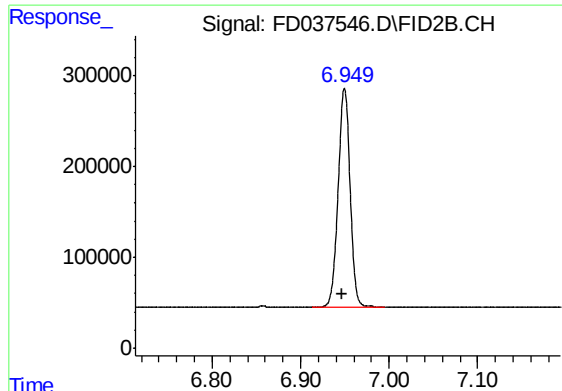
#3 A~Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 2237141
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

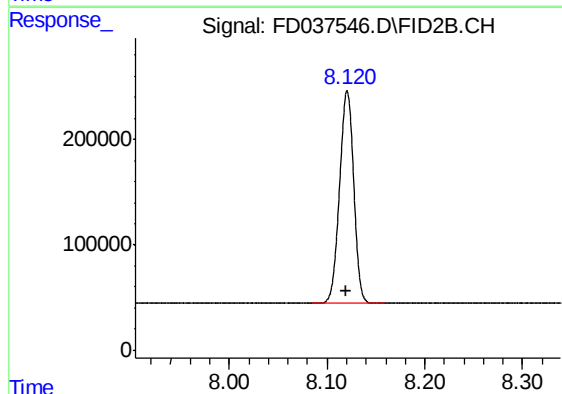
R.T.: 6.333 min
Delta R.T.: 0.002 min
Response: 2027528
Conc: 19.61 ug/ml



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

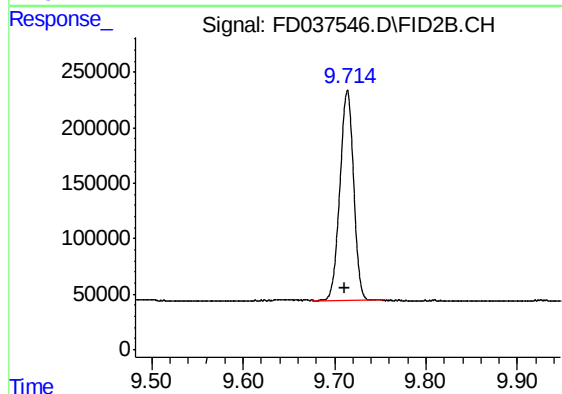
R.T.: 6.950 min
Delta R.T.: 0.002 min
Response: 2263156
Conc: 19.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



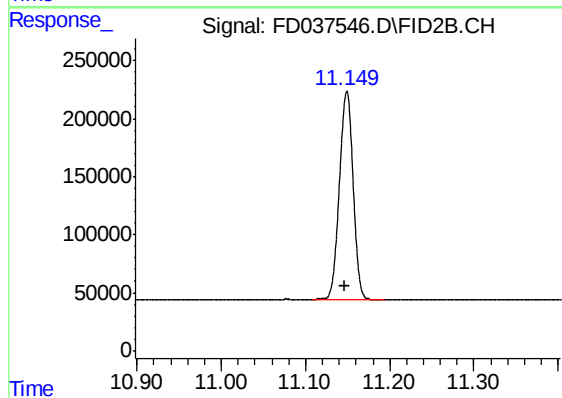
#6 n-Tetradecane (C14)

R.T.: 8.121 min
Delta R.T.: 0.002 min
Response: 2020249
Conc: 19.38 ug/ml



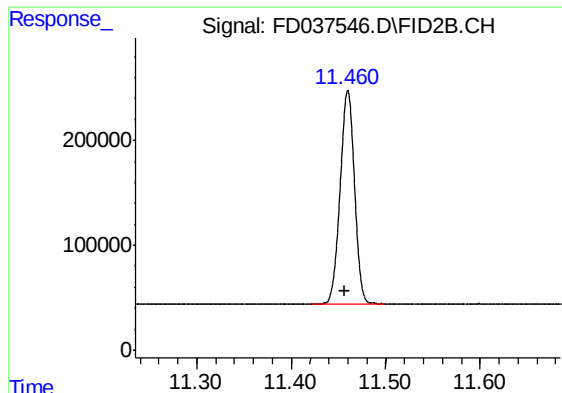
#7 n-Hexadecane (C16)

R.T.: 9.714 min
Delta R.T.: 0.003 min
Response: 1972558
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

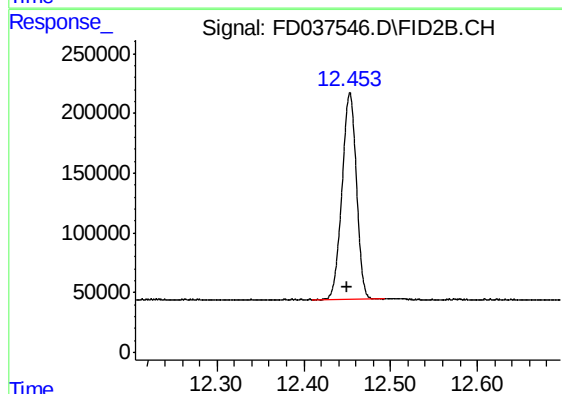
R.T.: 11.149 min
Delta R.T.: 0.003 min
Response: 2019483
Conc: 18.69 ug/ml



#9 ortho-Terphenyl (SURR)

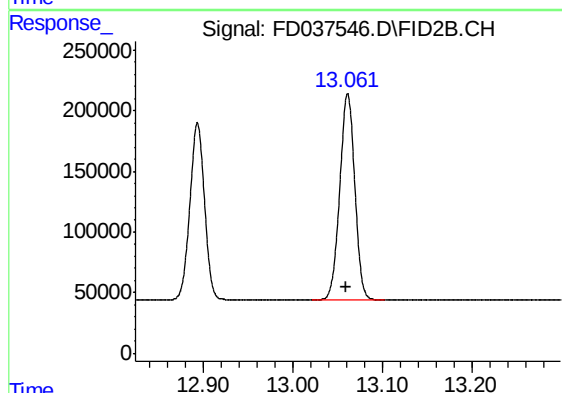
R.T.: 11.460 min
Delta R.T.: 0.004 min
Response: 2146731
Conc: 18.31 ug/ml

Instrument :
FID_D
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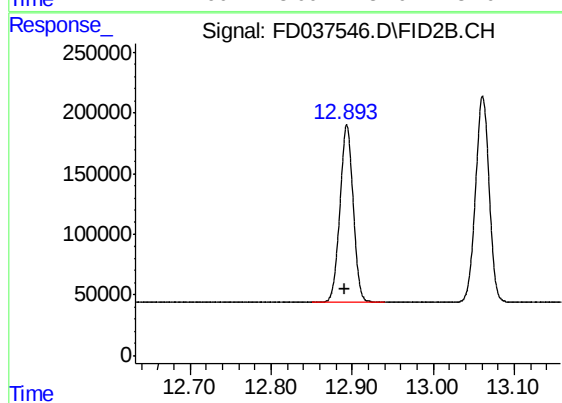
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: 0.003 min
Response: 1989888
Conc: 18.26 ug/ml



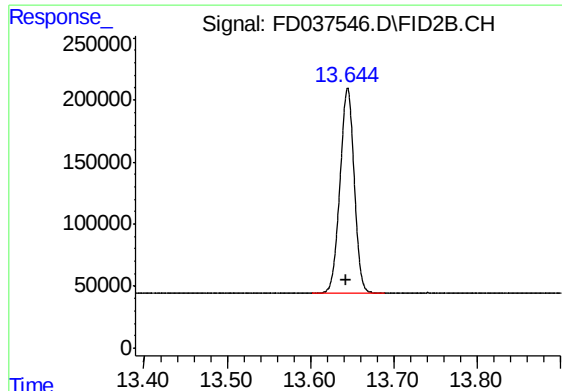
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 1969205
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

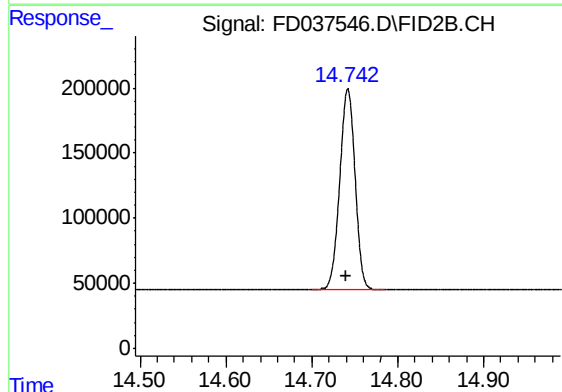
R.T.: 12.893 min
Delta R.T.: 0.002 min
Response: 1640072
Conc: 18.05 ug/ml



#13 n-Docosane (C22)

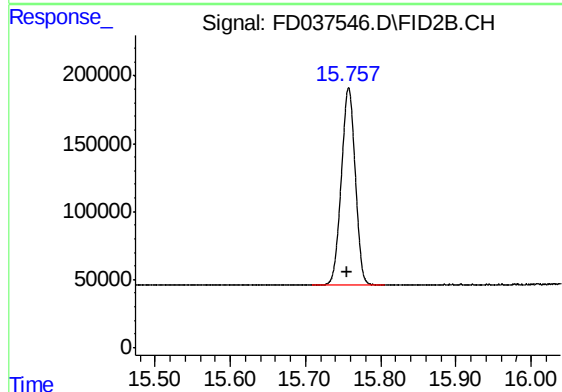
R.T.: 13.645 min
Delta R.T.: 0.003 min
Response: 1944415
Conc: 17.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



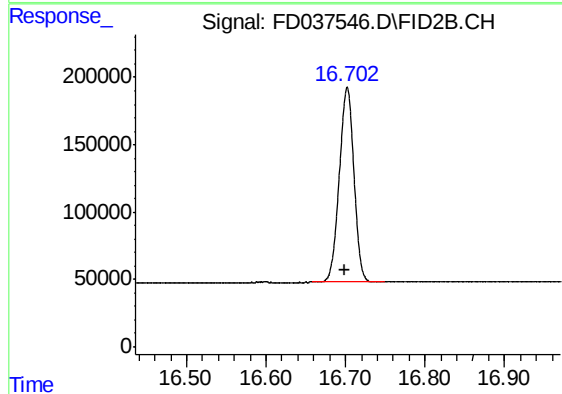
#14 n-Tetracosane (C24)

R.T.: 14.742 min
Delta R.T.: 0.002 min
Response: 1902916
Conc: 17.56 ug/ml



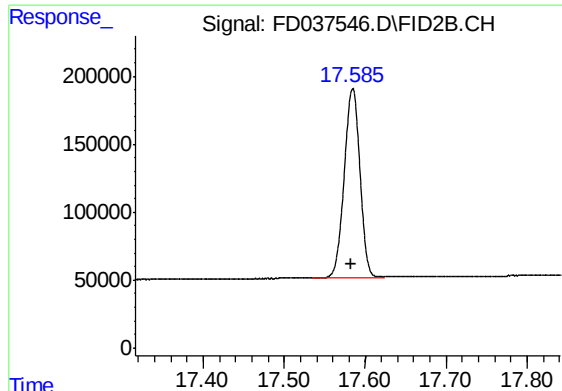
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: 0.002 min
Response: 1856728
Conc: 17.43 ug/ml



#16 n-Octacosane (C28)

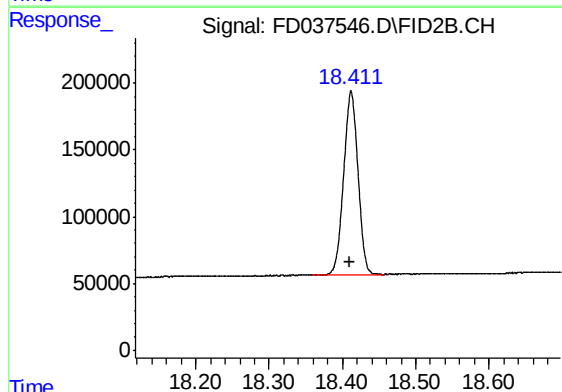
R.T.: 16.702 min
Delta R.T.: 0.003 min
Response: 1851094
Conc: 17.47 ug/ml



#17 n-Tricontane (C30)

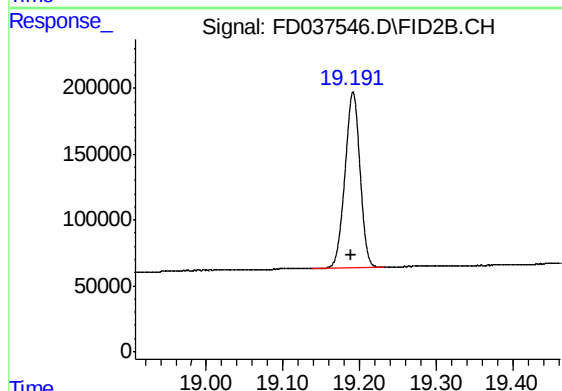
R.T.: 17.585 min
Delta R.T.: 0.002 min
Response: 1873628
Conc: 17.80 ug/ml

Instrument :
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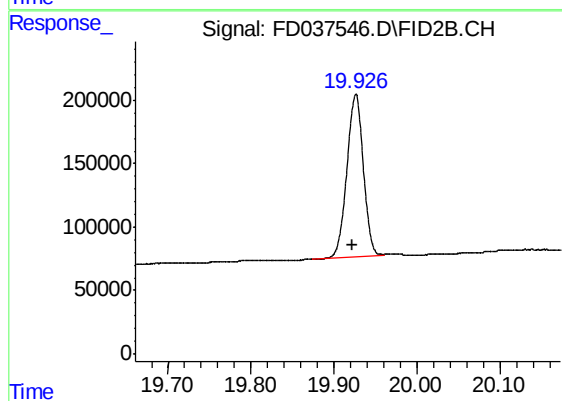
#18 n-Dotriacontane (C32)

R.T.: 18.412 min
Delta R.T.: 0.002 min
Response: 1864294
Conc: 17.90 ug/ml



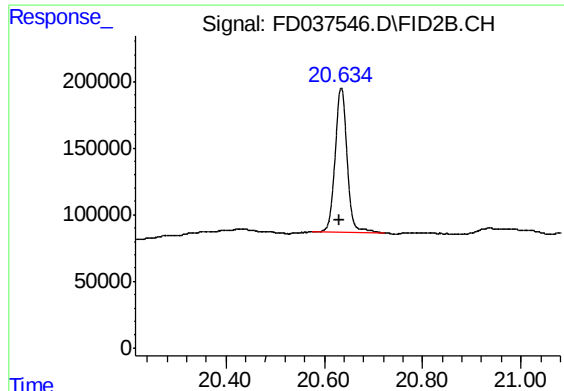
#19 n-Tetratriacontane (C34)

R.T.: 19.191 min
Delta R.T.: 0.003 min
Response: 1838810
Conc: 18.09 ug/ml



#20 n-Hexatriacontane (C36)

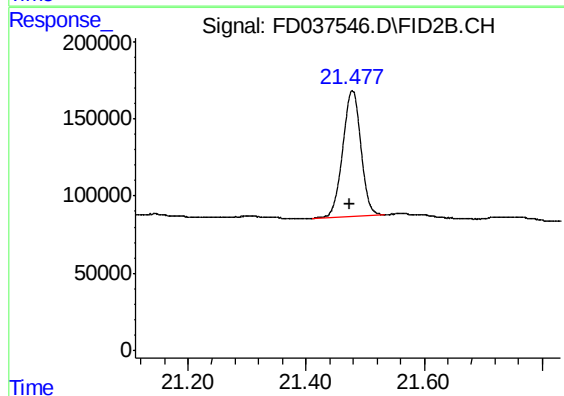
R.T.: 19.927 min
Delta R.T.: 0.005 min
Response: 1756171
Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: 0.004 min
Response: 1835196
Conc: 19.96 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.478 min
Delta R.T.: 0.005 min
Response: 1727904
Conc: 17.94 ug/ml