

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050421AL\
 Data File : FD037317.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2021 10:50
 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 05 02:09:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.476	2230657	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	12.910	1672763	19.772 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T n-Nonane (C9)	3.273	2359738	20.027 ug/ml
2) T n-Decane (C10)	4.334	2377564	20.048 ug/ml
3) T A~Naphthalene (C11.7)	5.908	2586932	19.713 ug/ml
4) T n-Dodecane (C12)	6.345	2384789	20.082 ug/ml
5) T A~2-methylnaphthalene...	6.962	2575697	19.643 ug/ml
6) T n-Tetradecane (C14)	8.133	2315315	20.002 ug/ml
7) T n-Hexadecane (C16)	9.727	2173656	19.771 ug/ml
8) T n-Octadecane (C18)	11.164	2140955	19.526 ug/ml
10) T n-Eicosane (C20)	12.468	2053182	19.356 ug/ml
11) T n-Heneicosane (C21)	13.078	2013558	19.166 ug/ml
13) T n-Docosane (C22)	13.662	1985455	19.314 ug/ml
14) T n-Tetracosane (C24)	14.760	1951925	19.270 ug/ml
15) T n-Hexacosane (C26)	15.777	1933303	19.794 ug/ml
16) T n-Octacosane (C28)	16.722	1957977	20.369 ug/ml
17) T n-Tricontane (C30)	17.605	2002683	20.825 ug/ml
18) T n-Dotriacontane (C32)	18.433	2001342	20.349 ug/ml
19) T n-Tetratriacontane (C34)	19.213	1984644	20.909 ug/ml
20) T n-Hexatriacontane (C36)	19.948	1901428	20.190 ug/ml
21) T n-Octatriacontane (C38)	20.660	1823649	21.182 ug/ml
22) T n-Tetracontane (C40)	21.509	1863236	19.419 ug/ml

(f)=RT Delta > 1/2 Window

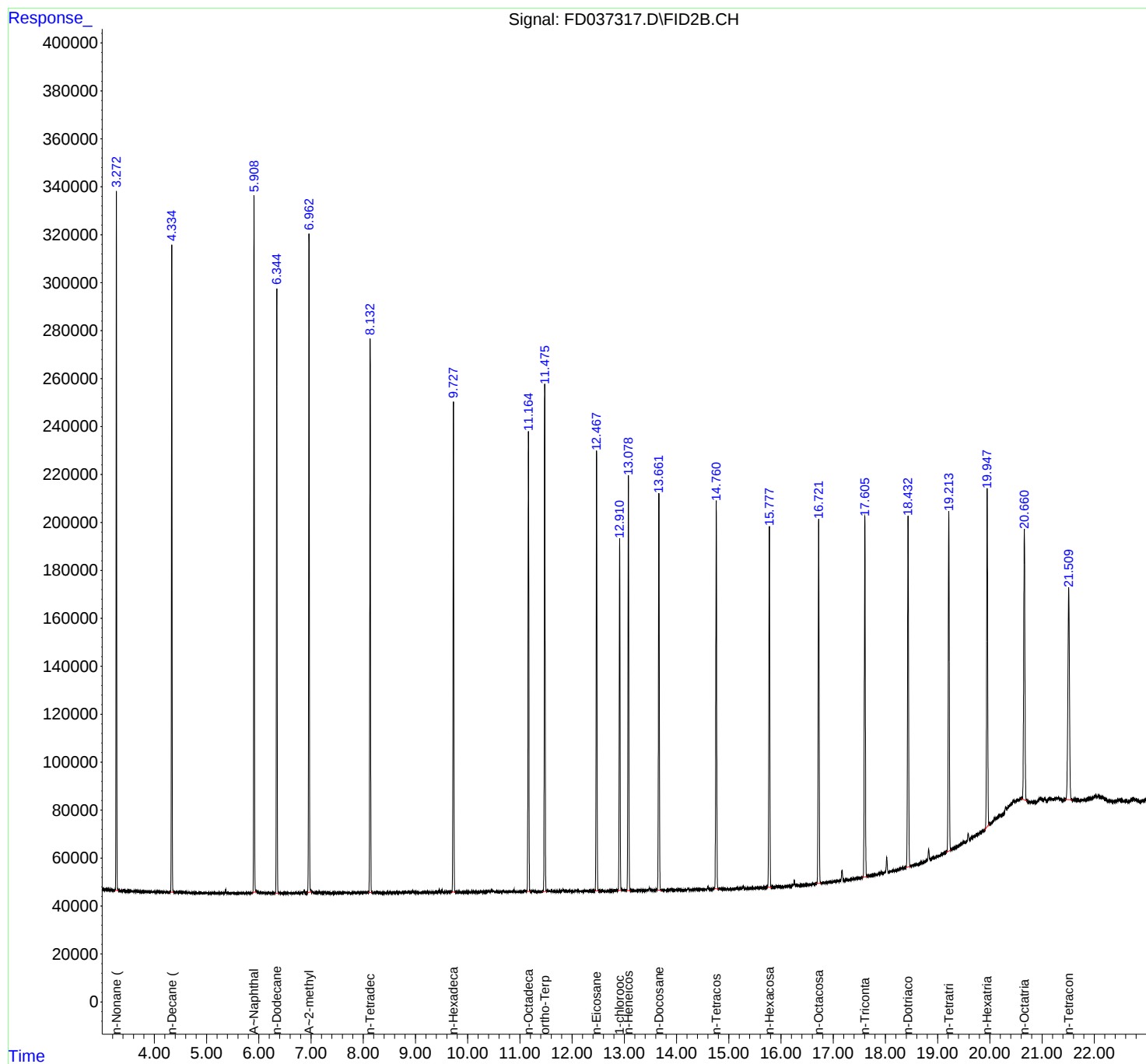
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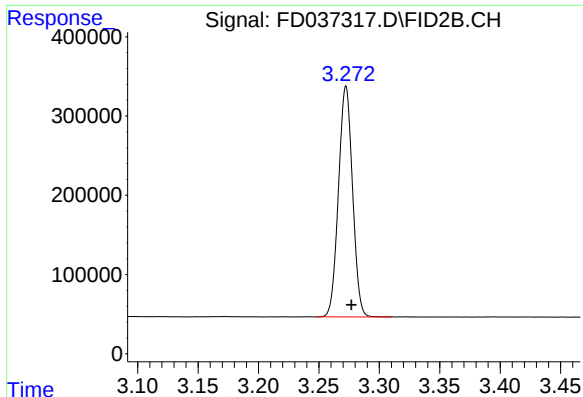
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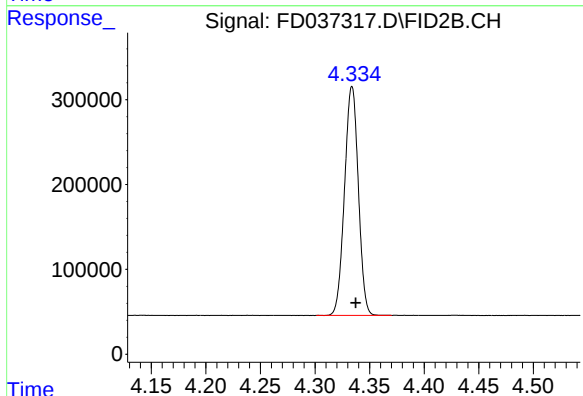




#1 n-Nonane (C9)

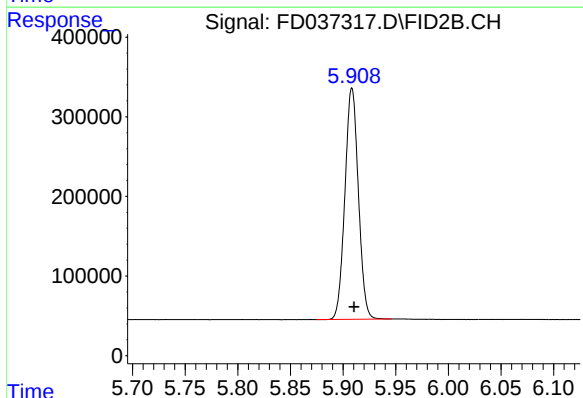
R.T.: 3.273 min
Delta R.T.: -0.004 min
Response: 2359738
Conc: 20.03 ug/ml

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20 PPM ALIPHATIC HC STD



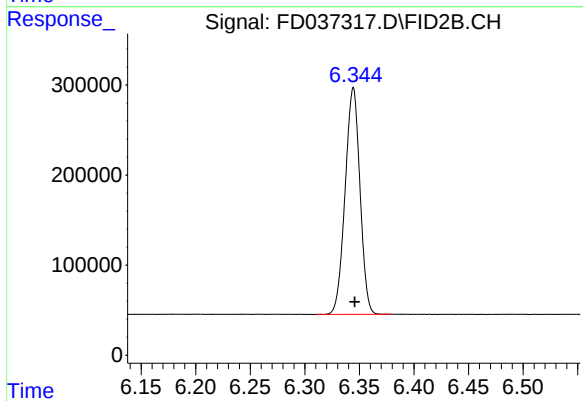
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.003 min
Response: 2377564
Conc: 20.05 ug/ml



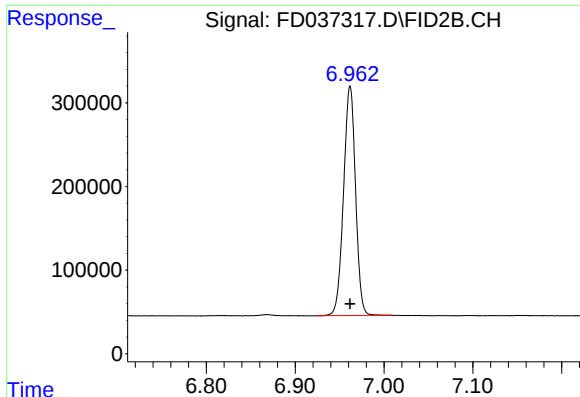
#3 A~Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 2586932
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

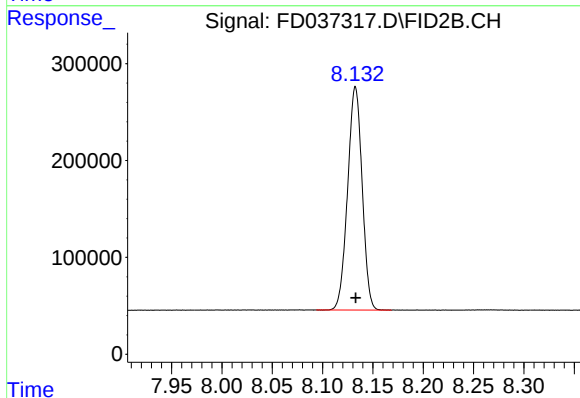
R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 2384789
Conc: 20.08 ug/ml



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

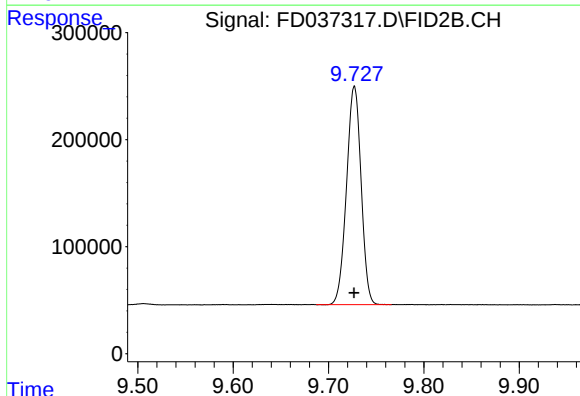
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2575697
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



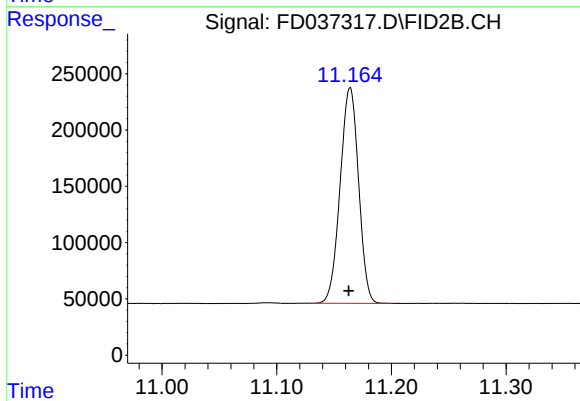
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 2315315
Conc: 20.00 ug/ml



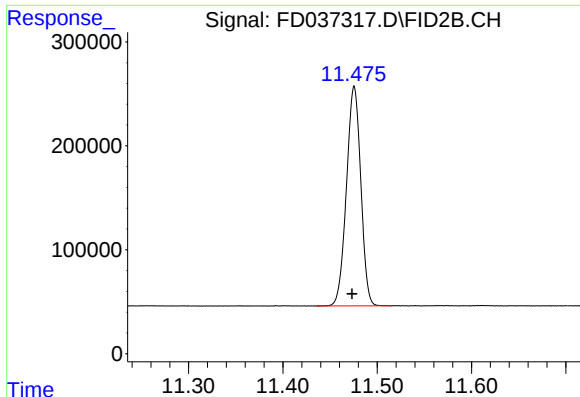
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: 0.000 min
Response: 2173656
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

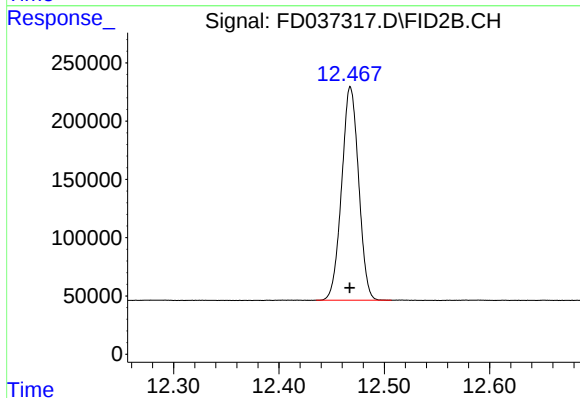
R.T.: 11.164 min
Delta R.T.: 0.001 min
Response: 2140955
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

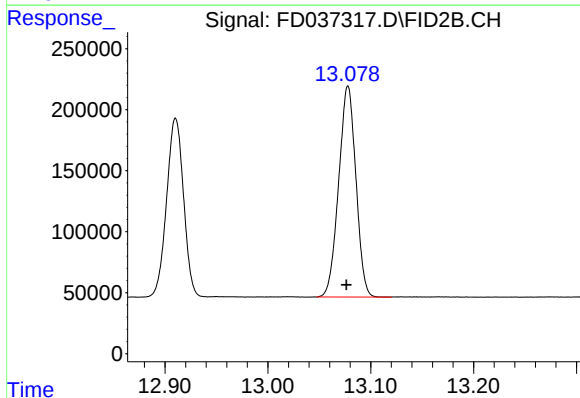
R.T.: 11.476 min
Delta R.T.: 0.002 min
Response: 2230657
Conc: 19.10 ug/ml

Instrument :
FID_D
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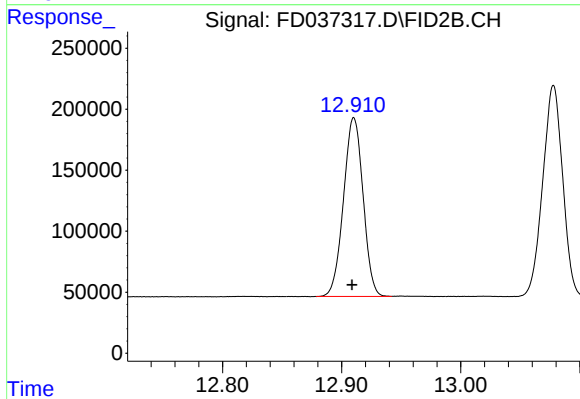
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 2053182
Conc: 19.36 ug/ml



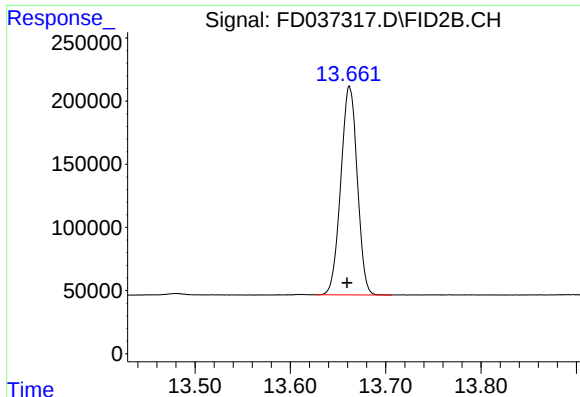
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.001 min
Response: 2013558
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

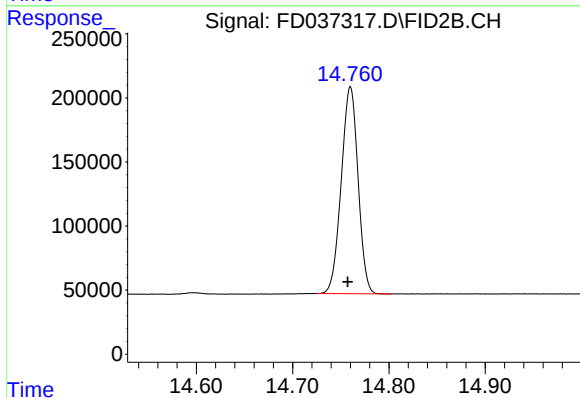
R.T.: 12.910 min
Delta R.T.: 0.001 min
Response: 1672763
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

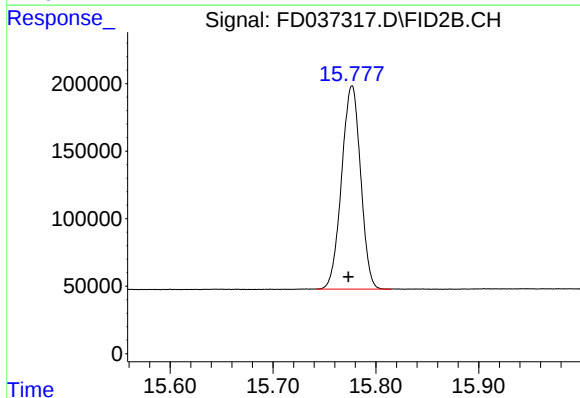
R.T.: 13.662 min
Delta R.T.: 0.002 min
Response: 1985455
Conc: 19.31 ug/ml

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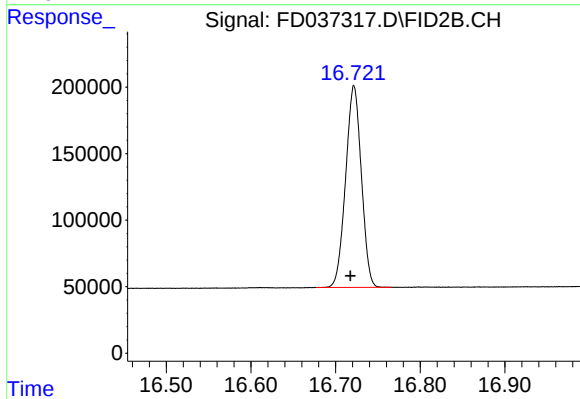
#14 n-Tetracosane (C24)

R.T.: 14.760 min
Delta R.T.: 0.003 min
Response: 1951925
Conc: 19.27 ug/ml



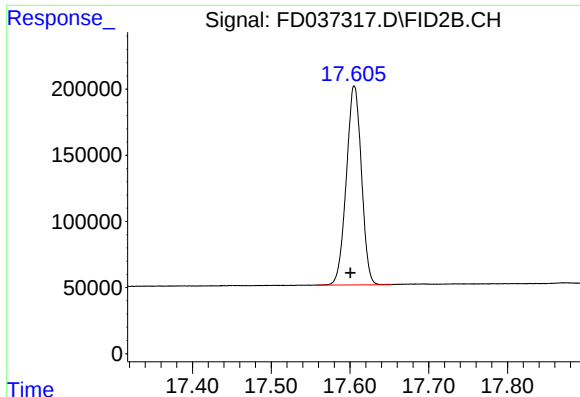
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: 0.004 min
Response: 1933303
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

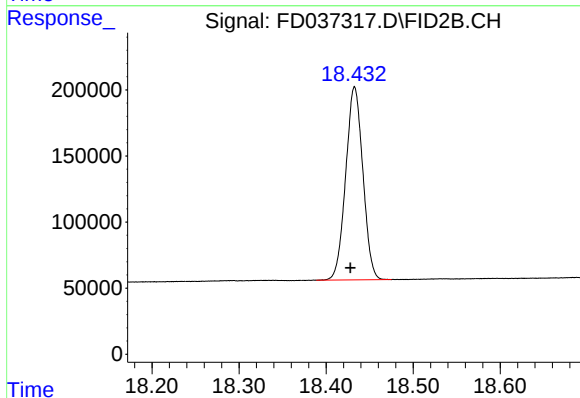
R.T.: 16.722 min
Delta R.T.: 0.004 min
Response: 1957977
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

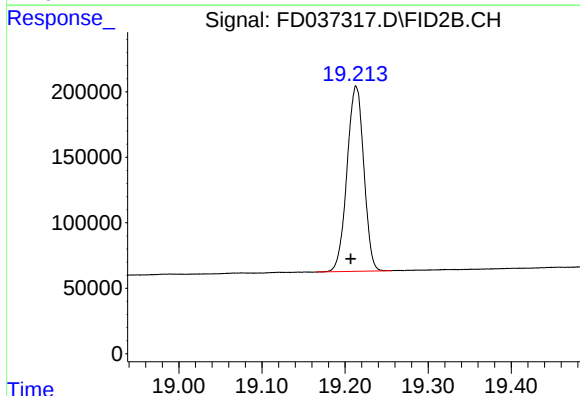
R.T.: 17.605 min
Delta R.T.: 0.005 min
Response: 2002683
Conc: 20.82 ug/ml

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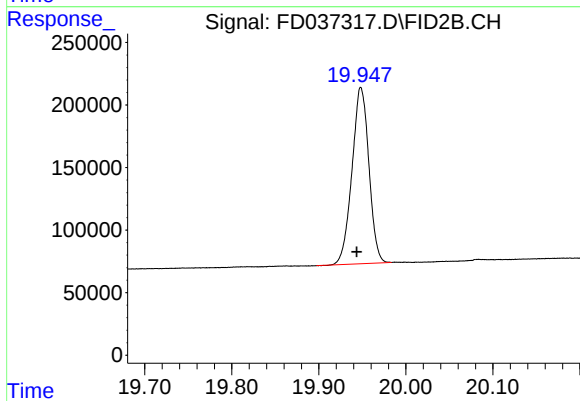
#18 n-Dotriacontane (C32)

R.T.: 18.433 min
Delta R.T.: 0.005 min
Response: 2001342
Conc: 20.35 ug/ml



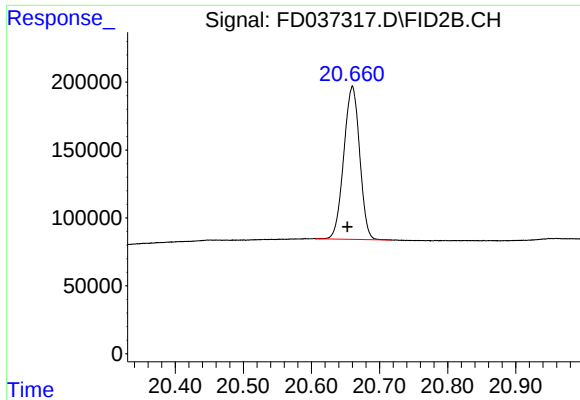
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: 0.006 min
Response: 1984644
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

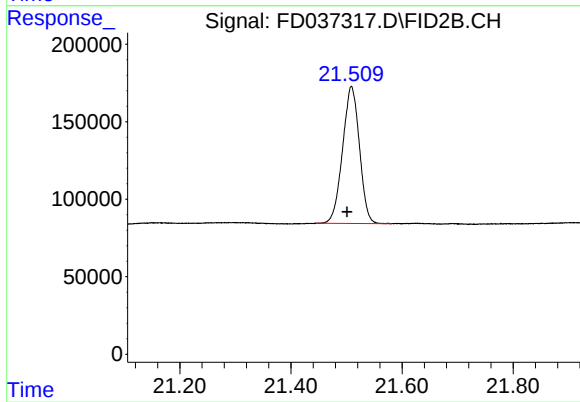
R.T.: 19.948 min
Delta R.T.: 0.005 min
Response: 1901428
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min
Delta R.T.: 0.008 min
Response: 1823649
Conc: 21.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.008 min
Response: 1863236
Conc: 19.42 ug/ml