

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AL\
 Data File : FD038115.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jul 2021 13:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 08 13:56:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.420	2933648	20.295 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	12.855	2285631	20.048 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	3.236	2539824	20.901 ug/ml
2) T n-Decane (C10)	4.291	2590759	21.182 ug/ml
3) T A~Naphthalene (C11.7)	5.859	2903041	21.236 ug/ml
4) T n-Dodecane (C12)	6.296	2656418	21.328 ug/ml
5) T A~2-methylnaphthalene...	6.910	2917513	21.181 ug/ml
6) T n-Tetradecane (C14)	8.083	2728794	21.231 ug/ml
7) T n-Hexadecane (C16)	9.676	2736622	21.118 ug/ml
8) T n-Octadecane (C18)	11.111	2796449	20.765 ug/ml
10) T n-Eicosane (C20)	12.414	2736225	20.371 ug/ml
11) T n-Heneicosane (C21)	13.023	2732165	20.110 ug/ml
13) T n-Docosane (C22)	13.606	2700746	20.072 ug/ml
14) T n-Tetracosane (C24)	14.703	2684240	19.879 ug/ml
15) T n-Hexacosane (C26)	15.719	2553850	19.383 ug/ml
16) T n-Octacosane (C28)	16.664	2447311	18.769 ug/ml
17) T n-Tricontane (C30)	17.547	2311164	18.085 ug/ml
18) T n-Dotriacontane (C32)	18.375	2173773	17.666 ug/ml
19) T n-Tetratriacontane (C34)	19.154	2066842	17.650 ug/ml
20) T n-Hexatriacontane (C36)	19.890	1947068	17.829 ug/ml
21) T n-Octatriacontane (C38)	20.594	1867828	18.545 ug/ml
22) T n-Tetracontane (C40)	21.424	1929400	19.727 ug/ml

(f)=RT Delta > 1/2 Window

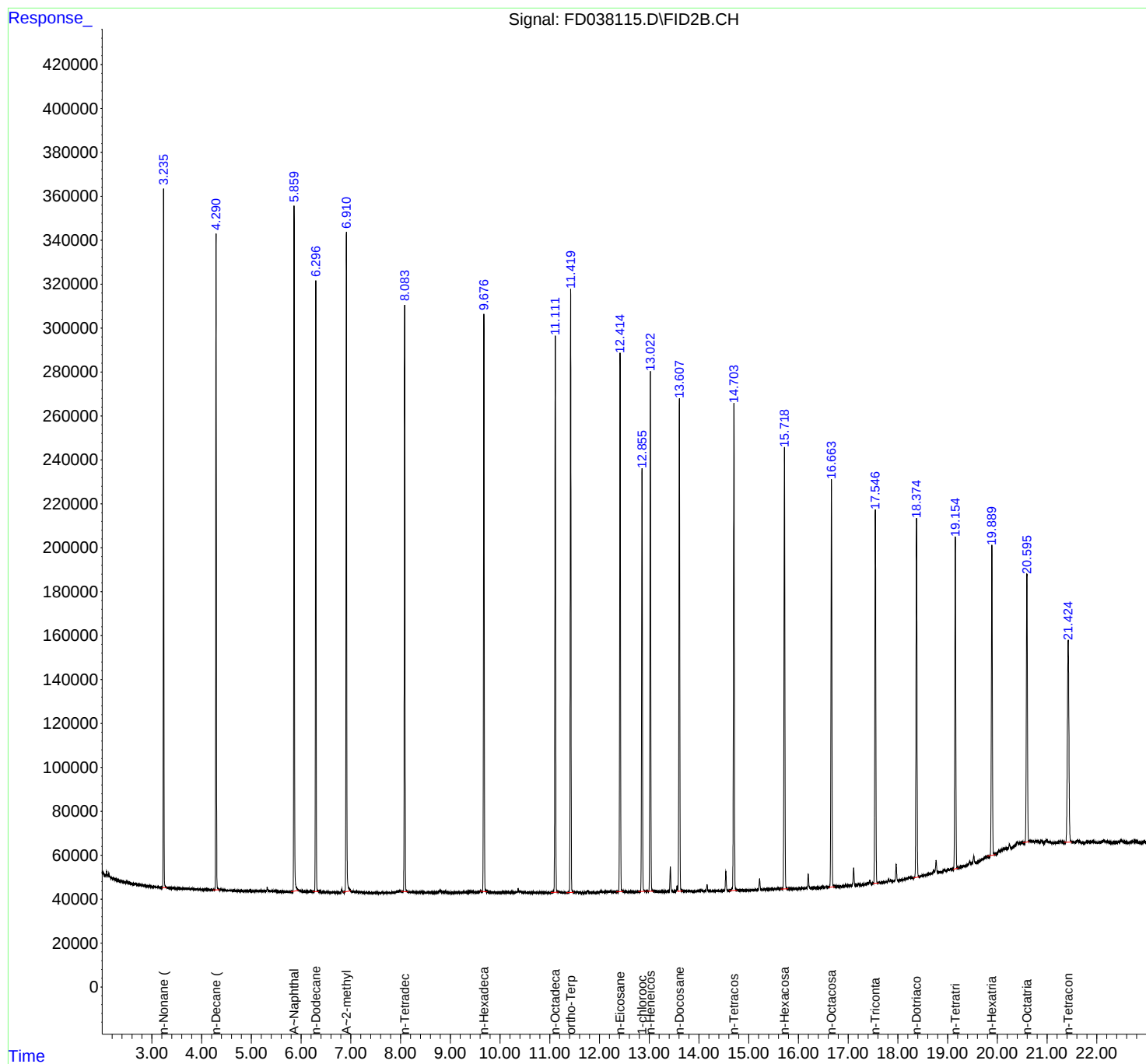
(m)=manual int.

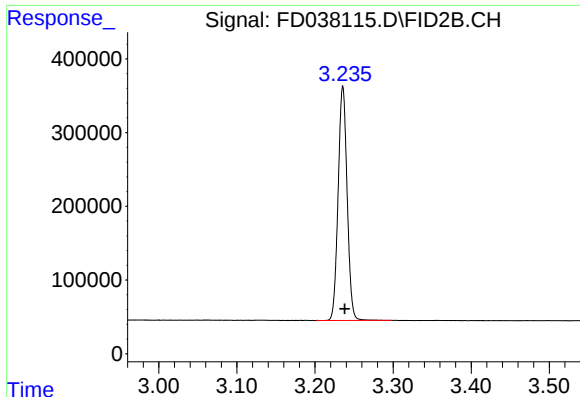
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AL\
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20 PPM ALIPHATIC HC STD

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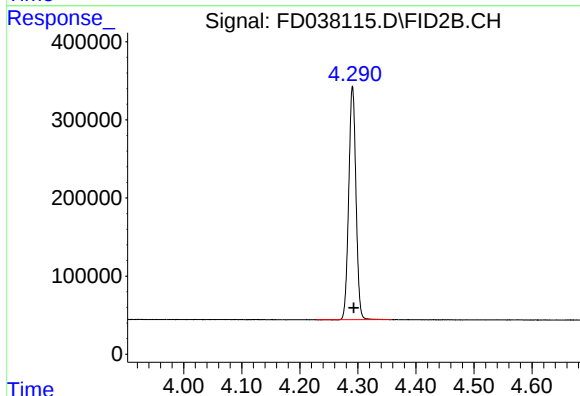




#1 n-Nonane (C9)

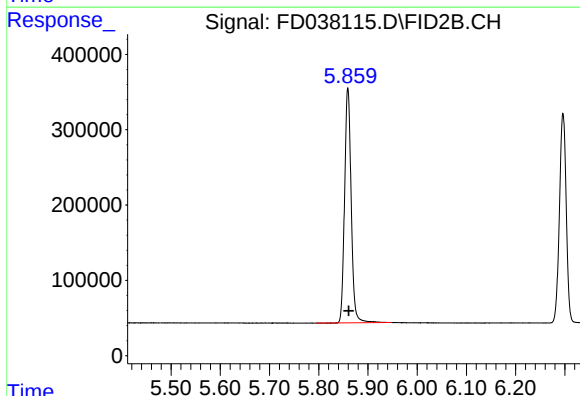
R.T.: 3.236 min
Delta R.T.: -0.002 min
Response: 2539824
Conc: 20.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



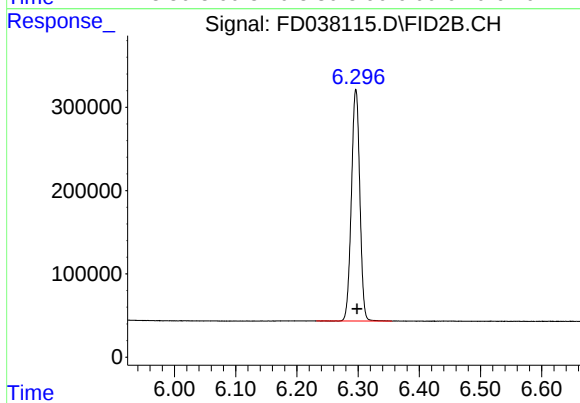
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 2590759
Conc: 21.18 ug/ml



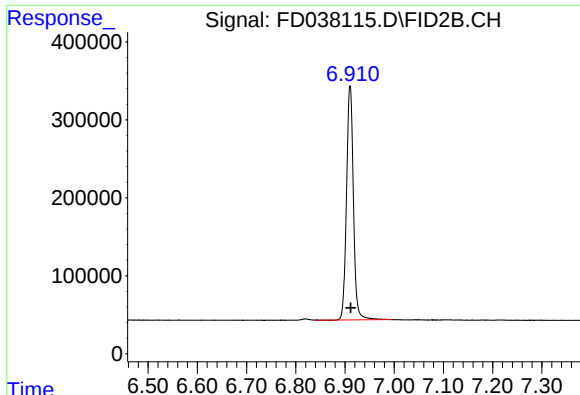
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 2903041
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

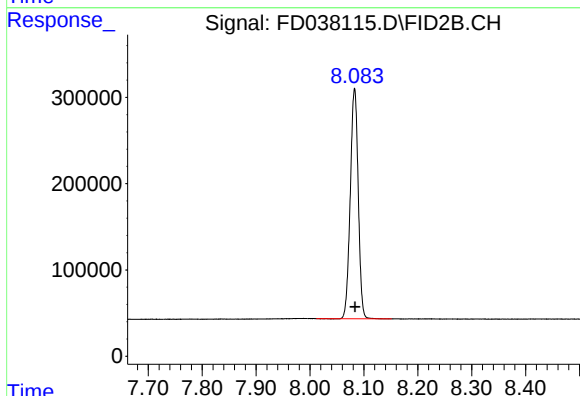
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 2656418
Conc: 21.33 ug/ml



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

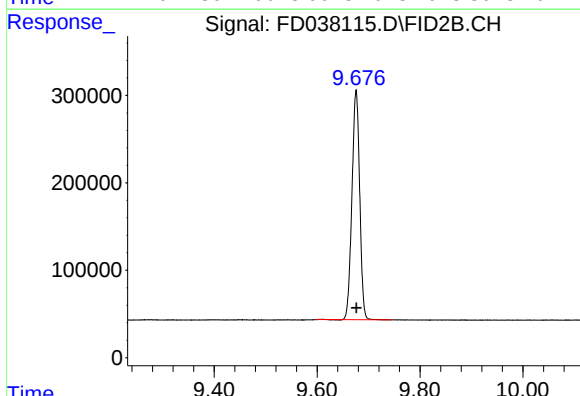
R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 2917513
Conc: 21.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



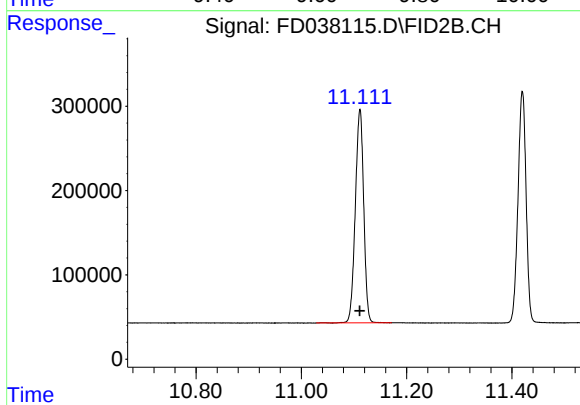
#6 n-Tetradecane (C14)

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 2728794
Conc: 21.23 ug/ml



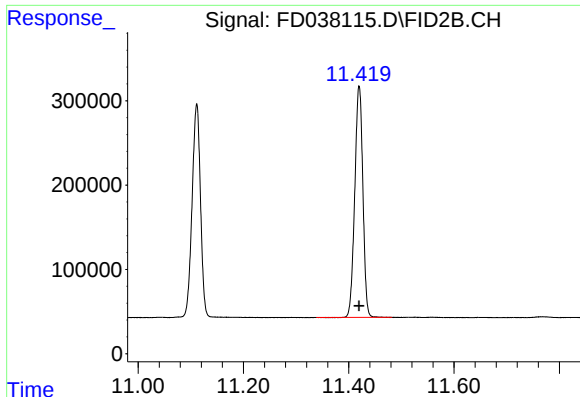
#7 n-Hexadecane (C16)

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 2736622
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

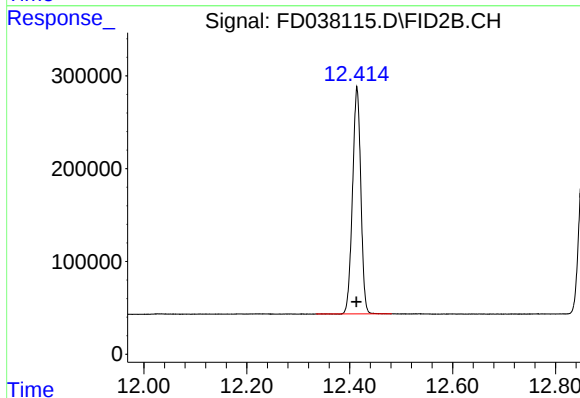
R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 2796449
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

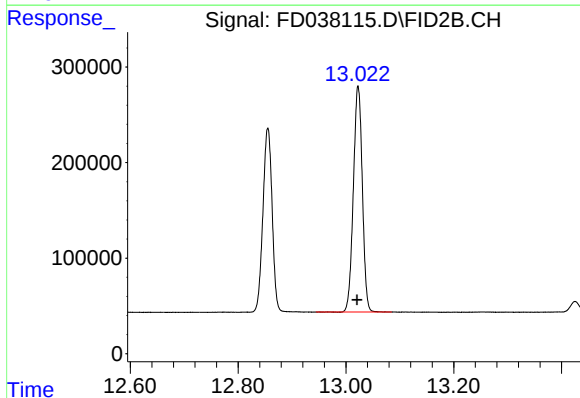
R.T.: 11.420 min
Delta R.T.: 0.000 min
Response: 2933648
Conc: 20.29 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



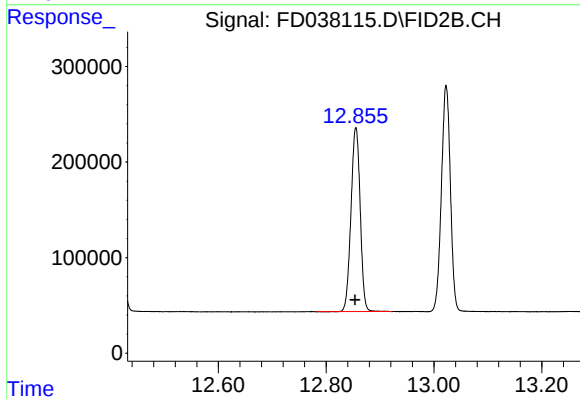
#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: 0.002 min
Response: 2736225
Conc: 20.37 ug/ml



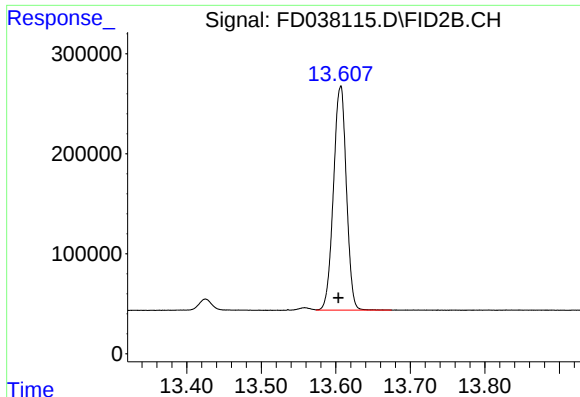
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: 0.002 min
Response: 2732165
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

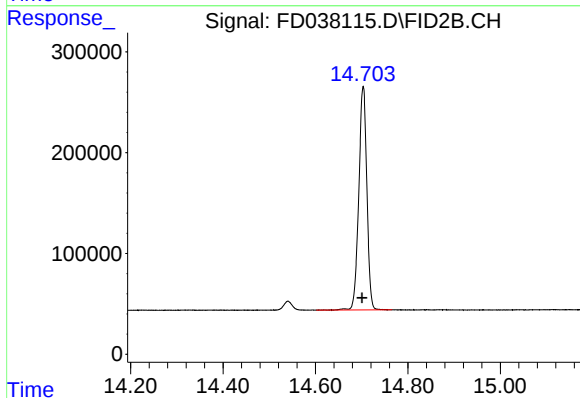
R.T.: 12.855 min
Delta R.T.: 0.002 min
Response: 2285631
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

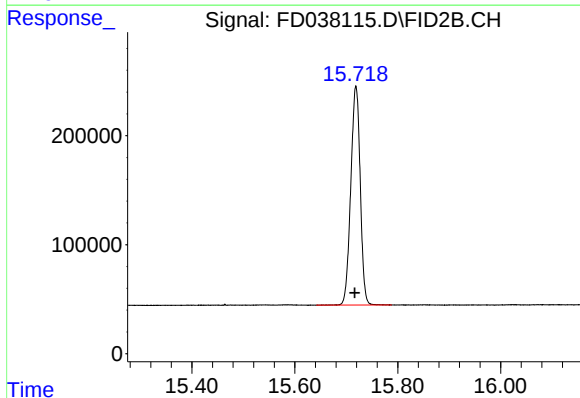
R.T.: 13.606 min
Delta R.T.: 0.003 min
Response: 2700746
Conc: 20.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



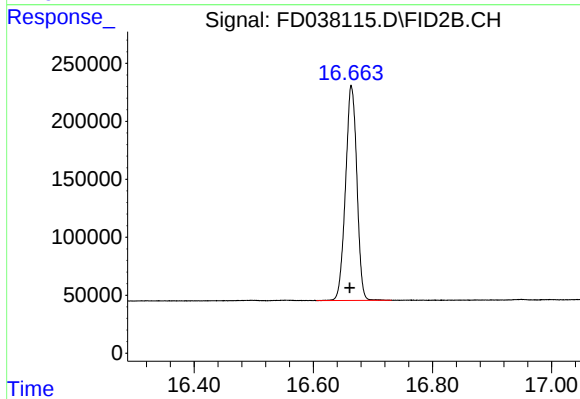
#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.002 min
Response: 2684240
Conc: 19.88 ug/ml



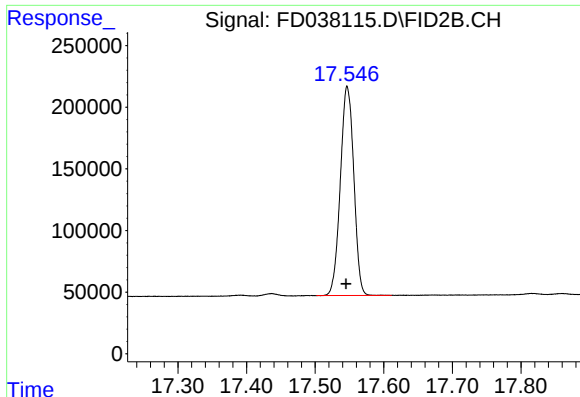
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.002 min
Response: 2553850
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

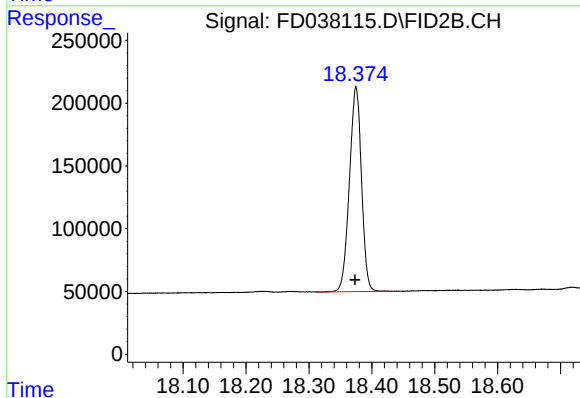
R.T.: 16.664 min
Delta R.T.: 0.003 min
Response: 2447311
Conc: 18.77 ug/ml



#17 n-Tricontane (C30)

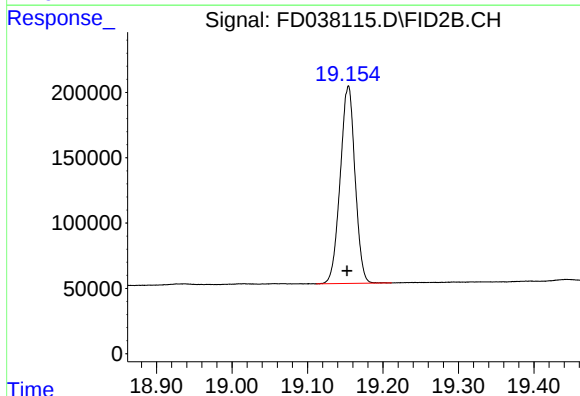
R.T.: 17.547 min
Delta R.T.: 0.002 min
Response: 2311164
Conc: 18.09 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



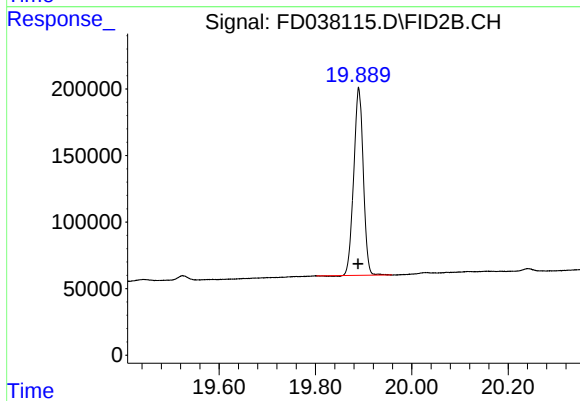
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: 0.002 min
Response: 2173773
Conc: 17.67 ug/ml



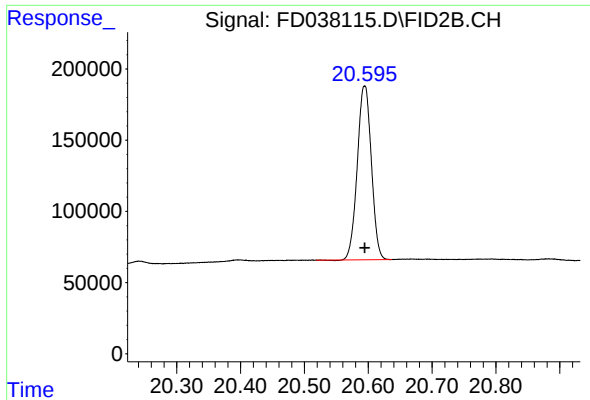
#19 n-Tetratriacontane (C34)

R.T.: 19.154 min
Delta R.T.: 0.002 min
Response: 2066842
Conc: 17.65 ug/ml



#20 n-Hexatriacontane (C36)

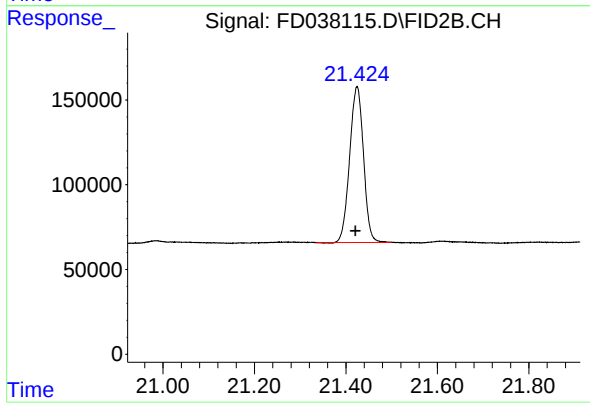
R.T.: 19.890 min
Delta R.T.: 0.002 min
Response: 1947068
Conc: 17.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: 0.000 min
Response: 1867828
Conc: 18.55 ug/ml

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FID_D
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.424 min
Delta R.T.: 0.004 min
Response: 1929400
Conc: 19.73 ug/ml