

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AL\
 Data File : FD038093.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 22:00
 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 02:29:17 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)	11.417	2913823	20.158 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	12.853	2287408	20.063 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T n-Nonane (C9)	3.233	2432331	20.017 ug/ml
2) T n-Decane (C10)	4.289	2462818	20.135 ug/ml
3) T A~Naphthalene (C11.7)	5.857	2713176	19.847 ug/ml
4) T n-Dodecane (C12)	6.294	2507527	20.133 ug/ml
5) T A~2-methylnaphthalene...	6.908	2723897	19.776 ug/ml
6) T n-Tetradecane (C14)	8.080	2568901	19.987 ug/ml
7) T n-Hexadecane (C16)	9.673	2600959	20.071 ug/ml
8) T n-Octadecane (C18)	11.108	2695701	20.017 ug/ml
10) T n-Eicosane (C20)	12.412	2697071	20.080 ug/ml
11) T n-Heneicosane (C21)	13.021	2722333	20.038 ug/ml
13) T n-Docosane (C22)	13.603	2708071	20.127 ug/ml
14) T n-Tetracosane (C24)	14.701	2722863	20.165 ug/ml
15) T n-Hexacosane (C26)	15.716	2654481	20.147 ug/ml
16) T n-Octacosane (C28)	16.661	2622203	20.111 ug/ml
17) T n-Tricontane (C30)	17.544	2553082	19.978 ug/ml
18) T n-Dotriacontane (C32)	18.372	2425303	19.711 ug/ml
19) T n-Tetratriacontane (C34)	19.151	2313799	19.759 ug/ml
20) T n-Hexatriacontane (C36)	19.887	2145560	19.647 ug/ml
21) T n-Octatriacontane (C38)	20.592	1974648	19.606 ug/ml
22) T n-Tetracontane (C40)	21.421	1934858	19.783 ug/ml

(f)=RT Delta > 1/2 Window

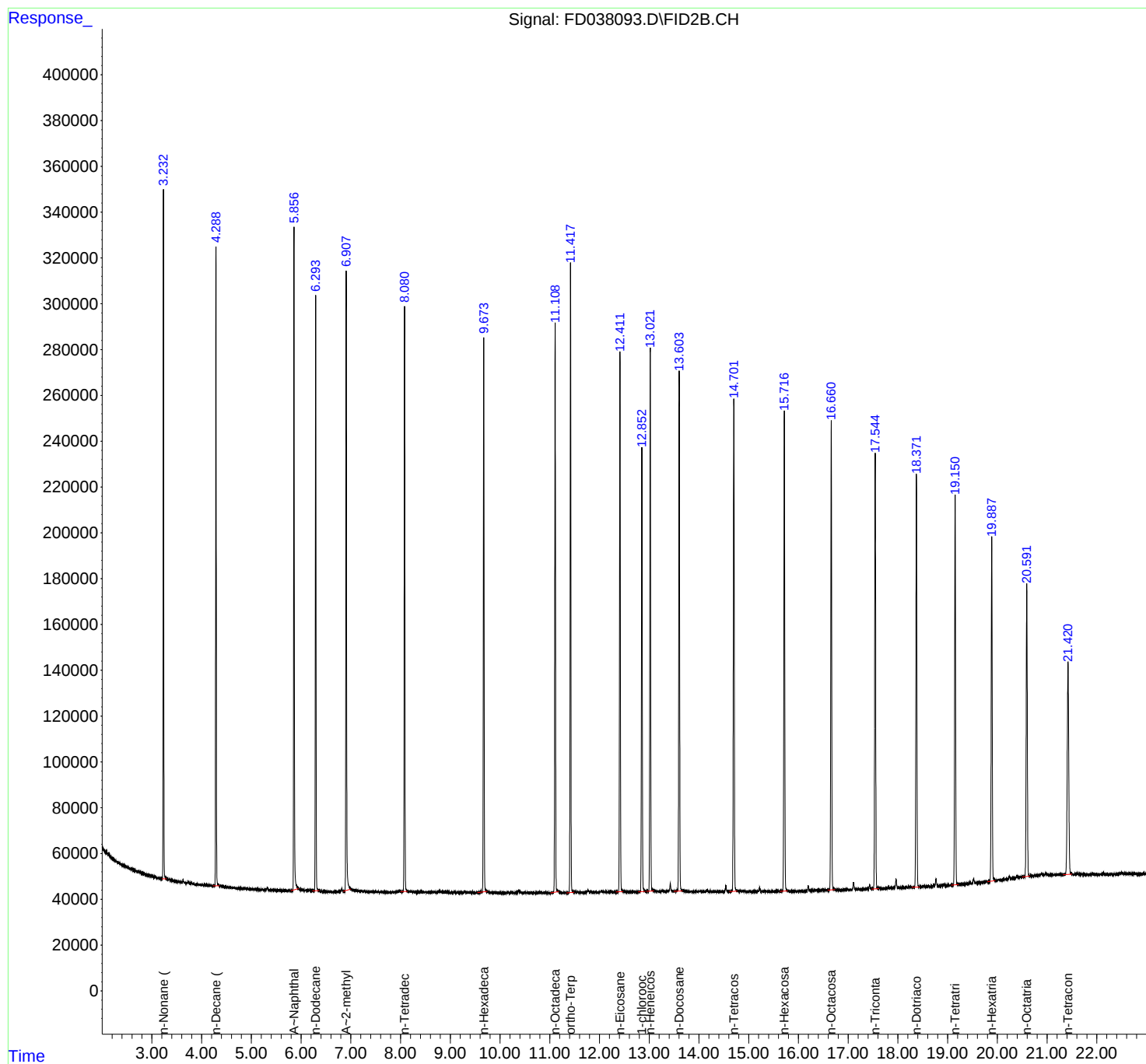
(m)=manual int.

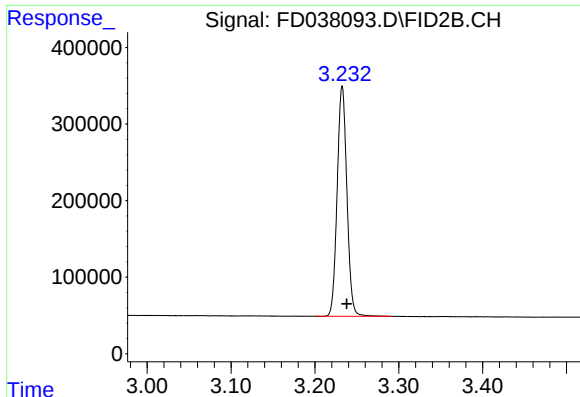
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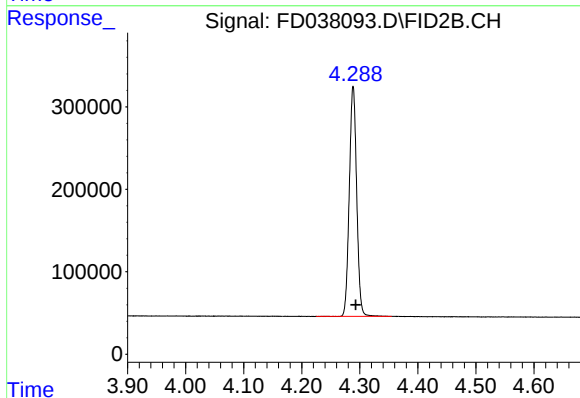




#1 n-Nonane (C9)

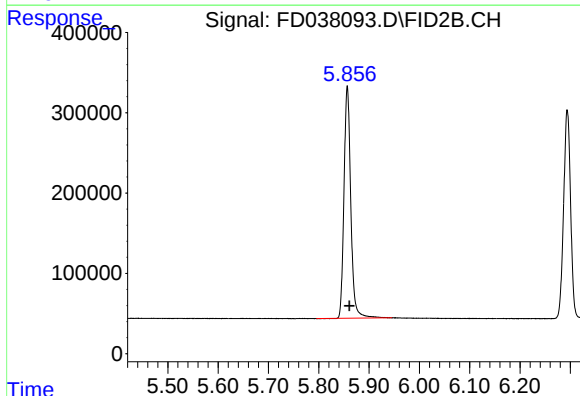
R.T.: 3.233 min
Delta R.T.: -0.005 min
Response: 2432331
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



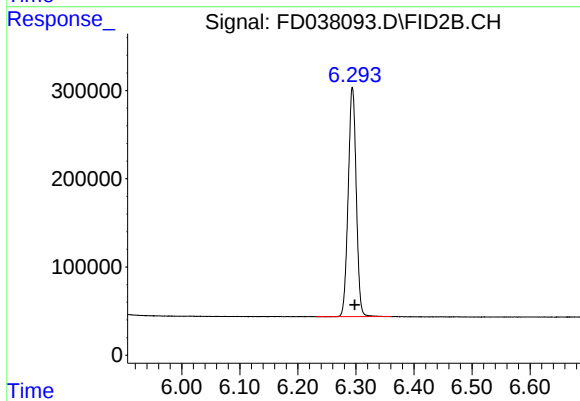
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 2462818
Conc: 20.14 ug/ml



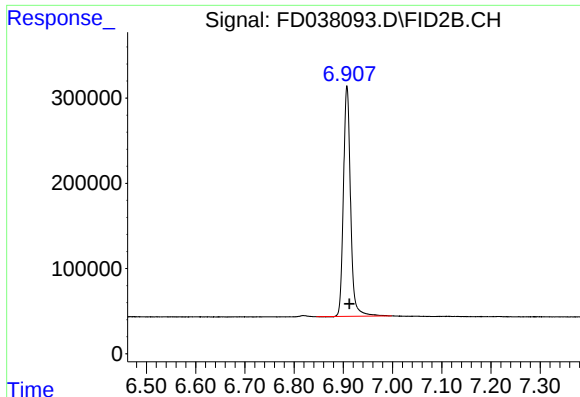
#3 A~Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.004 min
Response: 2713176
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

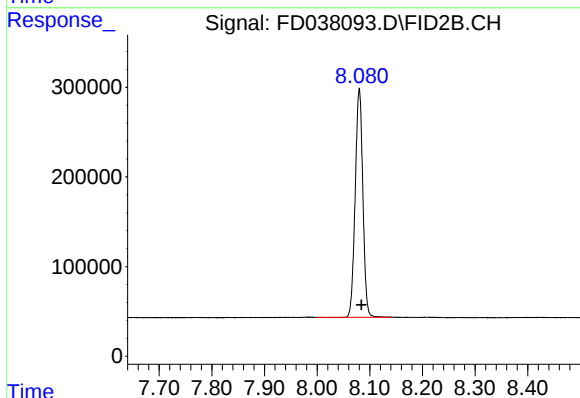
R.T.: 6.294 min
Delta R.T.: -0.004 min
Response: 2507527
Conc: 20.13 ug/ml



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

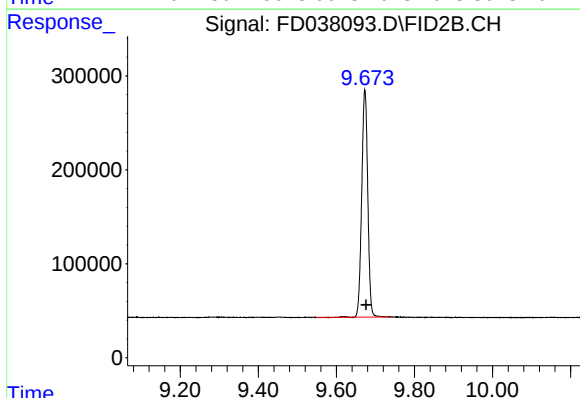
R.T.: 6.908 min
Delta R.T.: -0.004 min
Response: 2723897
Conc: 19.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



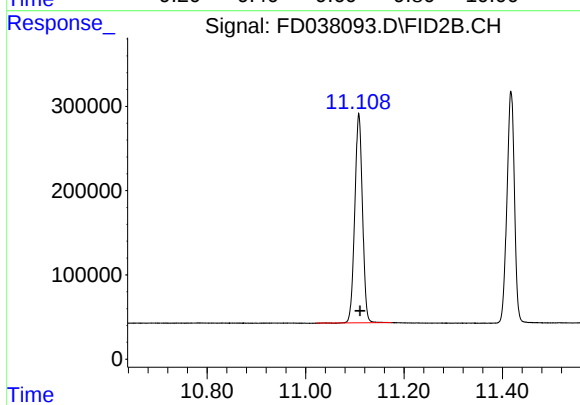
#6 n-Tetradecane (C14)

R.T.: 8.080 min
Delta R.T.: -0.004 min
Response: 2568901
Conc: 19.99 ug/ml



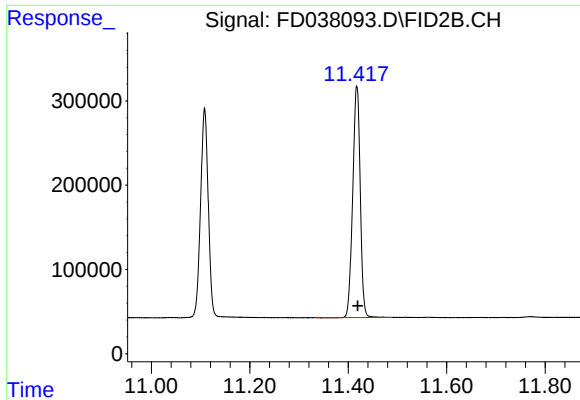
#7 n-Hexadecane (C16)

R.T.: 9.673 min
Delta R.T.: -0.003 min
Response: 2600959
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

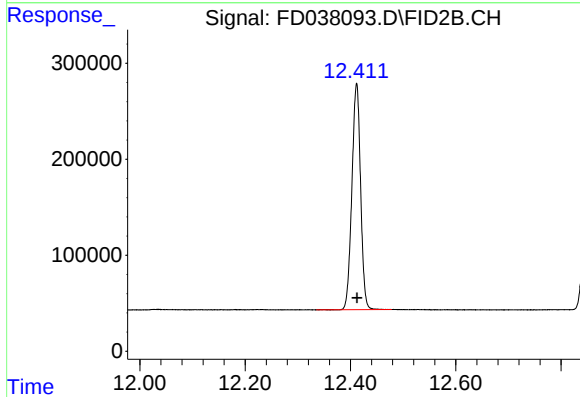
R.T.: 11.108 min
Delta R.T.: -0.003 min
Response: 2695701
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURR)

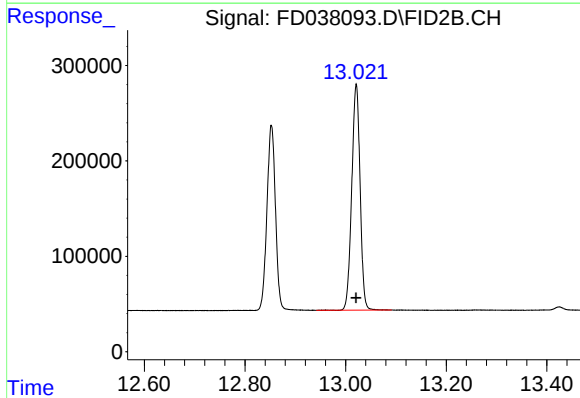
R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 2913823
Conc: 20.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



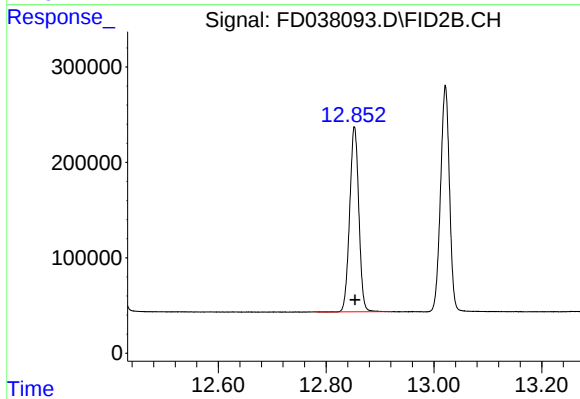
#10 n-Eicosane (C20)

R.T.: 12.412 min
Delta R.T.: -0.001 min
Response: 2697071
Conc: 20.08 ug/ml



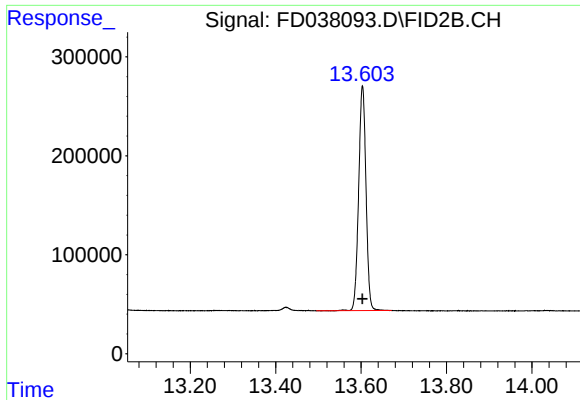
#11 n-Heneicosane (C21)

R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 2722333
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

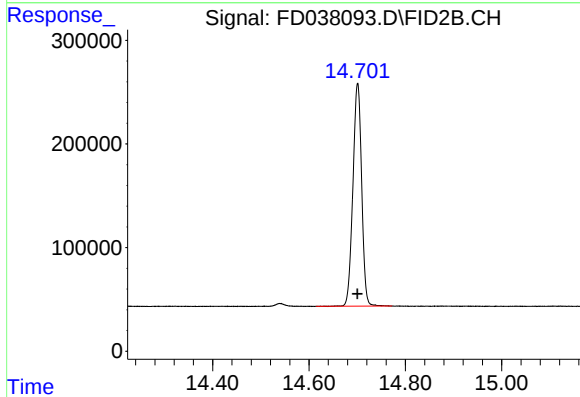
R.T.: 12.853 min
Delta R.T.: 0.000 min
Response: 2287408
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

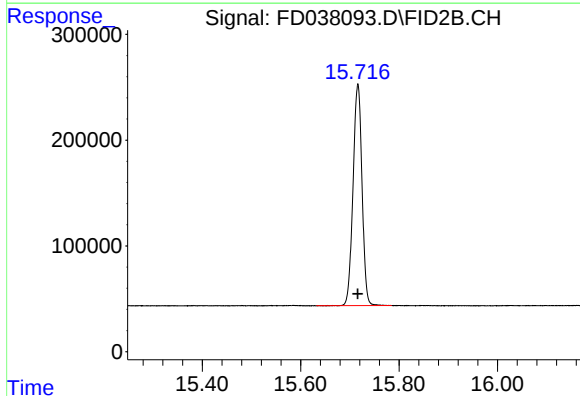
R.T.: 13.603 min
Delta R.T.: 0.000 min
Response: 2708071
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



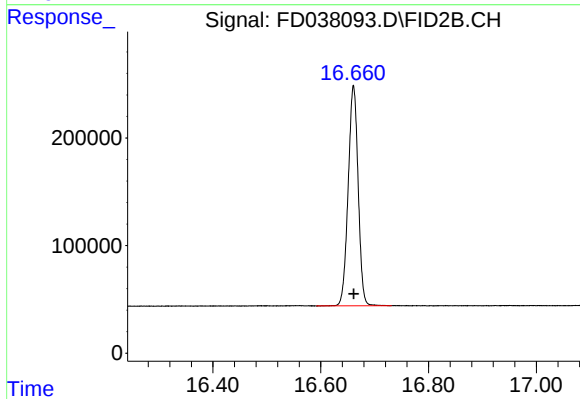
#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: 0.000 min
Response: 2722863
Conc: 20.16 ug/ml



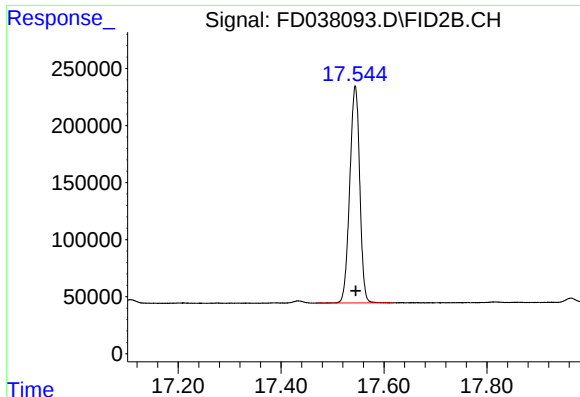
#15 n-Hexacosane (C26)

R.T.: 15.716 min
Delta R.T.: 0.000 min
Response: 2654481
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.661 min
Delta R.T.: 0.000 min
Response: 2622203
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

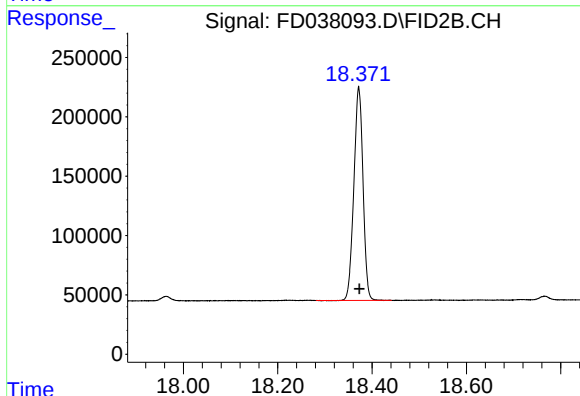
R.T.: 17.544 min

Delta R.T.: 0.000 min

Response: 2553082

Conc: 19.98 ug/ml

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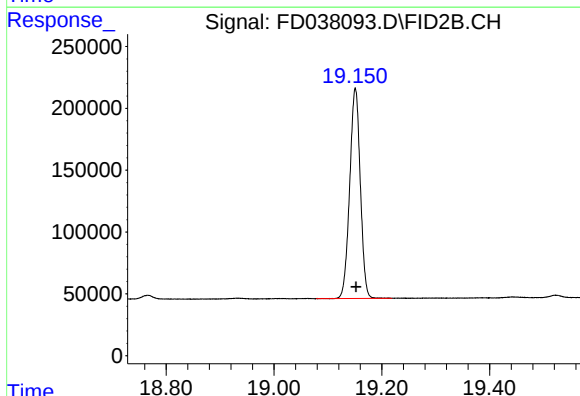
#18 n-Dotriacontane (C32)

R.T.: 18.372 min

Delta R.T.: -0.001 min

Response: 2425303

Conc: 19.71 ug/ml



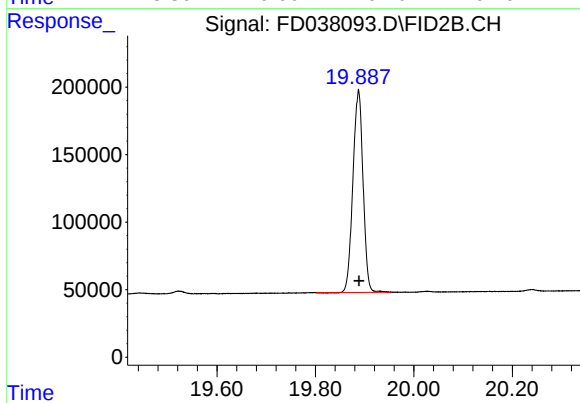
#19 n-Tetratriacontane (C34)

R.T.: 19.151 min

Delta R.T.: -0.001 min

Response: 2313799

Conc: 19.76 ug/ml



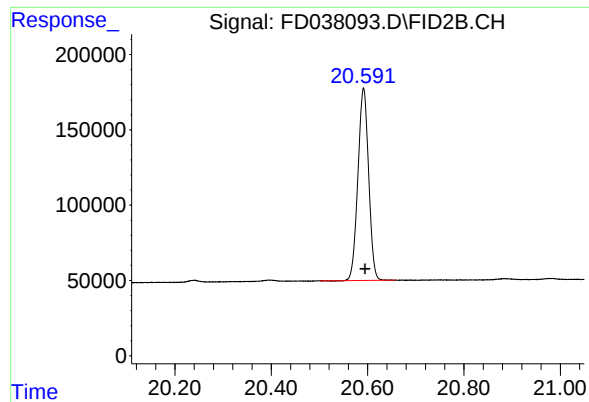
#20 n-Hexatriacontane (C36)

R.T.: 19.887 min

Delta R.T.: -0.001 min

Response: 2145560

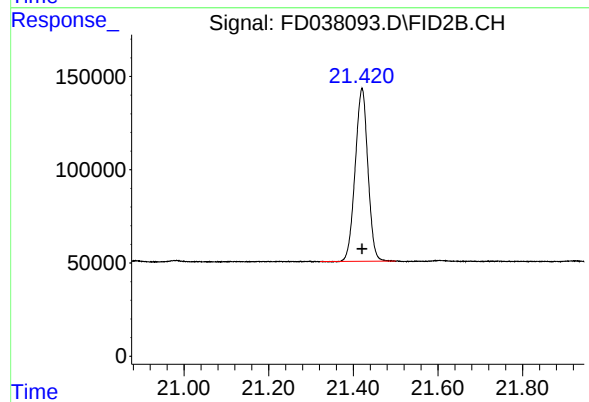
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.592 min
Delta R.T.: -0.003 min
Response: 1974648
Conc: 19.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.421 min
Delta R.T.: 0.000 min
Response: 1934858
Conc: 19.78 ug/ml