

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AL\
 Data File : FD037189.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2021 23:17
 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: sample.E
 Quant Time: Apr 28 07:20:16 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)	11.474	2343487	20.070 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	12.908	1771886	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T n-Nonane (C9)	3.273	1067362	9.059 ug/ml
2) T n-Decane (C10)	4.335	2498805	21.070 ug/ml
3) T A~Naphthalene (C11.7)	5.909	2741376	20.890 ug/ml
4) T n-Dodecane (C12)	6.345	2484757	20.924 ug/ml
5) T A~2-methylnaphthalene...	6.961	2728849	20.811 ug/ml
6) T n-Tetradecane (C14)	8.133	2409238	20.813 ug/ml
7) T n-Hexadecane (C16)	9.728	2254246	20.504 ug/ml
8) T n-Octadecane (C18)	11.163	2234234	20.377 ug/ml
10) T n-Eicosane (C20)	12.466	2144348	20.215 ug/ml
11) T n-Heneicosane (C21)	13.075	2100255	19.991 ug/ml
13) T n-Docosane (C22)	13.658	2082027	20.253 ug/ml
14) T n-Tetracosane (C24)	14.755	2098634	20.718 ug/ml
15) T n-Hexacosane (C26)	15.771	2063401	21.126 ug/ml
16) T n-Octacosane (C28)	16.715	2086334	21.705 ug/ml
17) T n-Tricontane (C30)	17.598	2163725	22.499 ug/ml
18) T n-Dotriacontane (C32)	18.425	2583747	26.270 ug/ml
19) T n-Tetratriacontane (C34)	19.203	2439257	25.699 ug/ml
20) T n-Hexatriacontane (C36)	19.938	2544948	27.024 ug/ml
21) T n-Octatriacontane (C38)	20.649	3182238	36.962 ug/ml
22) T n-Tetracontane (C40)	21.509	3718769	38.758 ug/ml

(f)=RT Delta > 1/2 Window

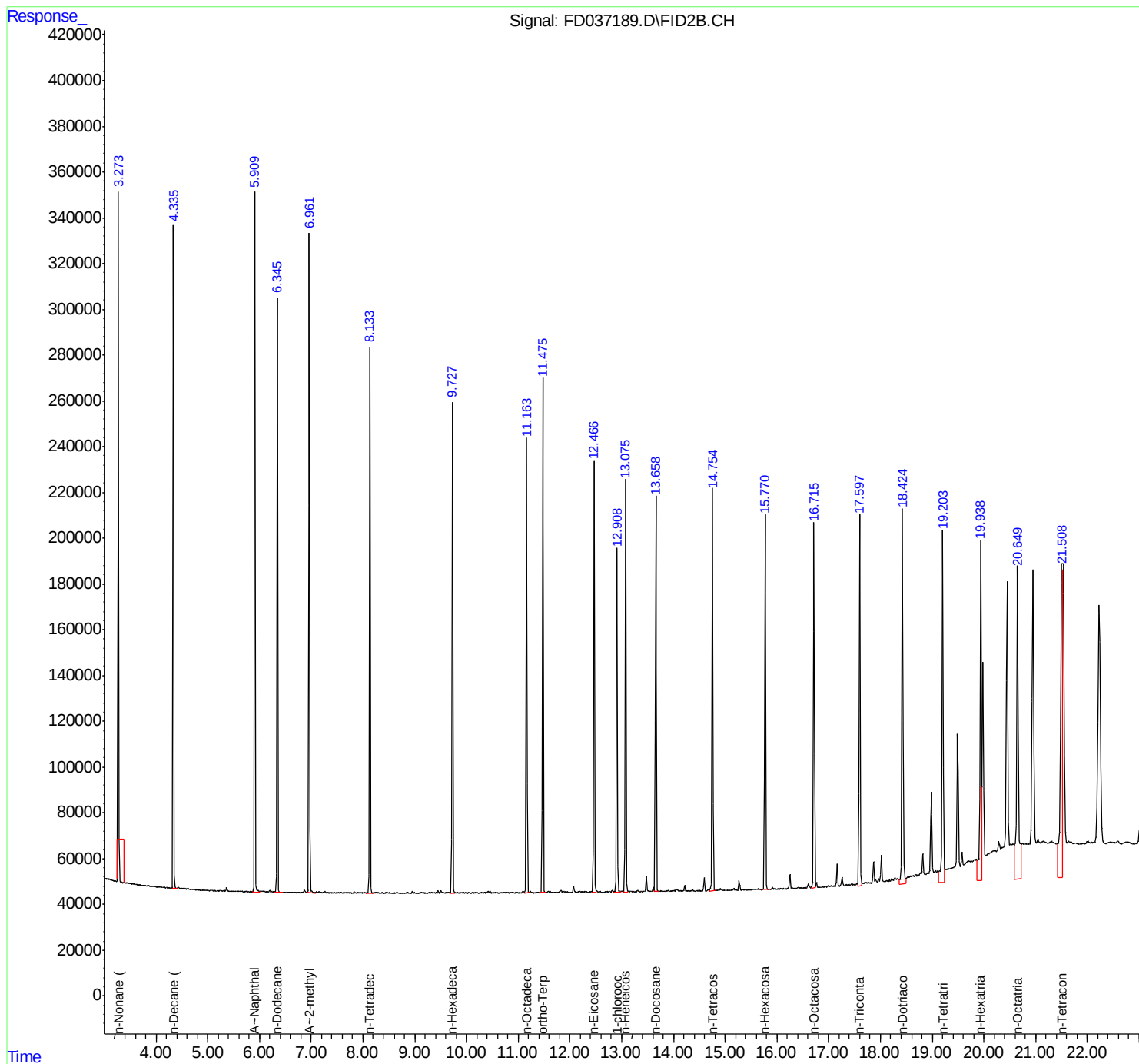
(m)=manual int.

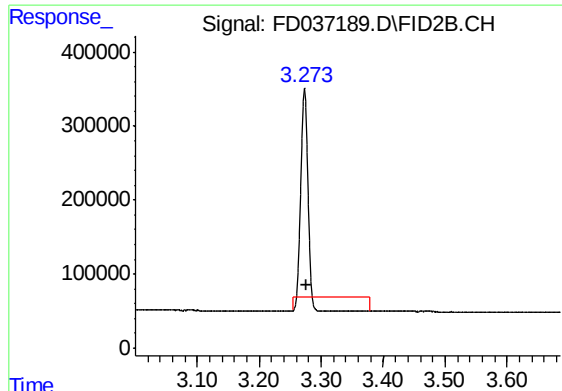
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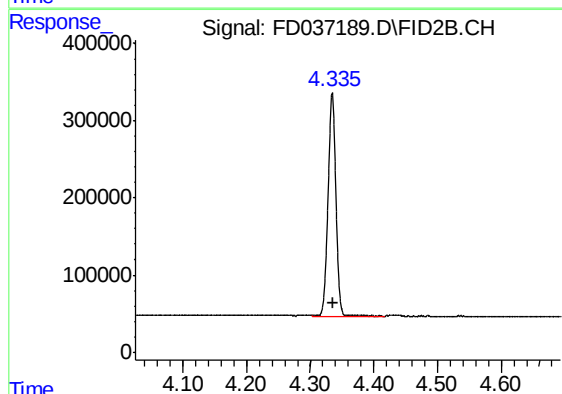




#1 n-Nonane (C9)

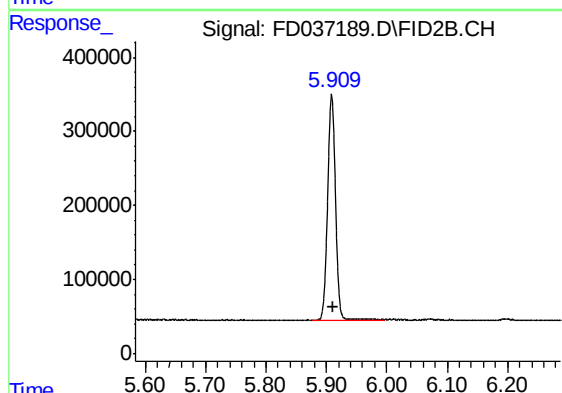
R.T.: 3.273 min
Delta R.T.: -0.004 min
Response: 1067362
Conc: 9.06 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



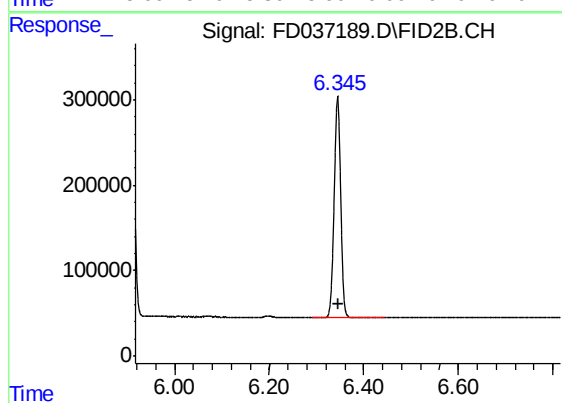
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 2498805
Conc: 21.07 ug/ml



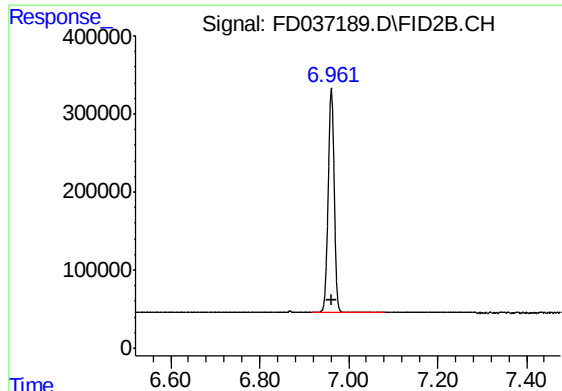
#3 A-Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 2741376
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

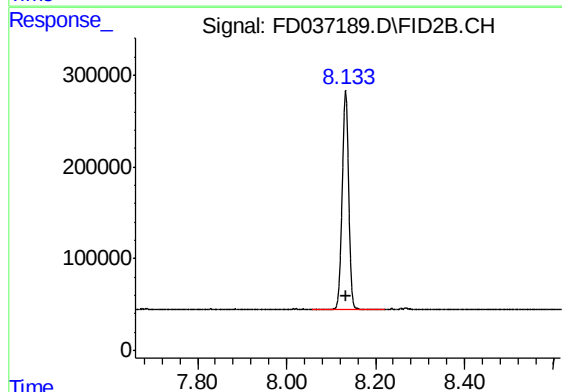
R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 2484757
Conc: 20.92 ug/ml



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

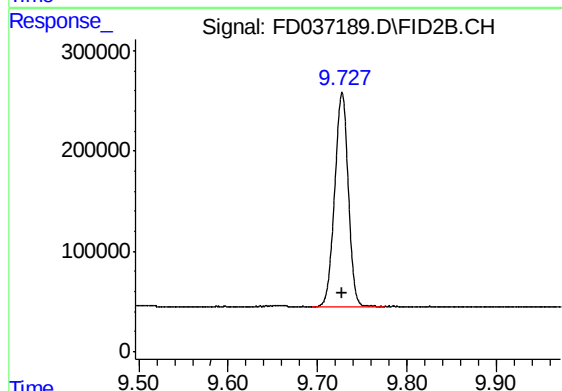
R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 2728849
Conc: 20.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



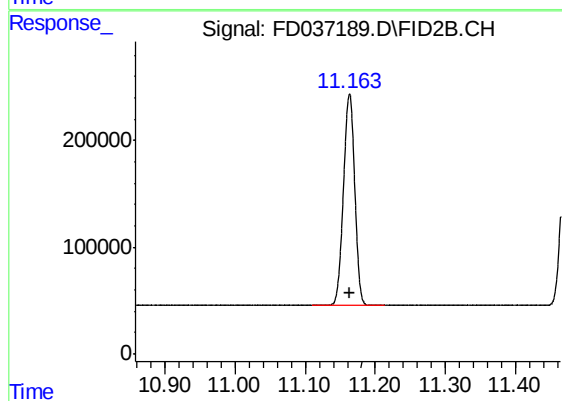
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 2409238
Conc: 20.81 ug/ml



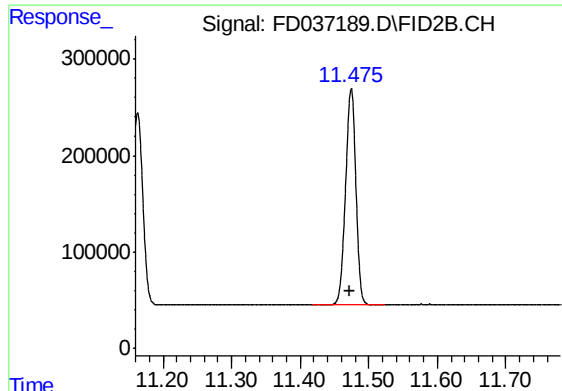
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: 0.000 min
Response: 2254246
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

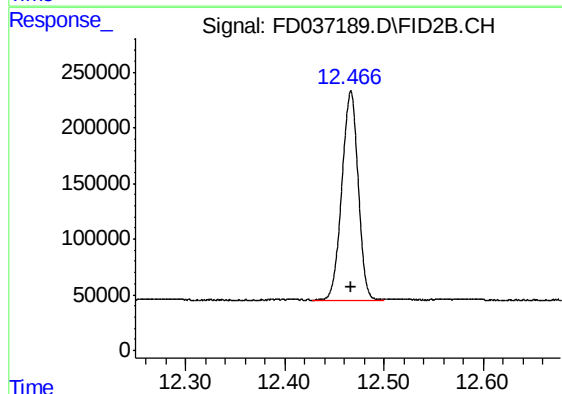
R.T.: 11.163 min
Delta R.T.: 0.000 min
Response: 2234234
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

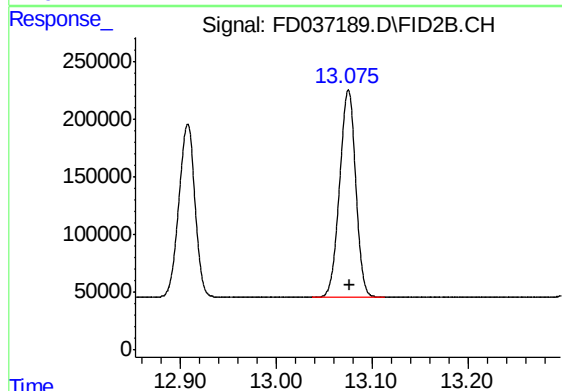
R.T.: 11.474 min
Delta R.T.: 0.001 min
Response: 2343487
Conc: 20.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



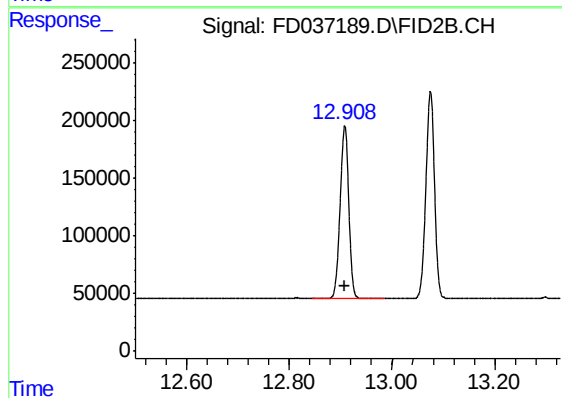
#10 n-Eicosane (C20)

R.T.: 12.466 min
Delta R.T.: 0.000 min
Response: 2144348
Conc: 20.22 ug/ml



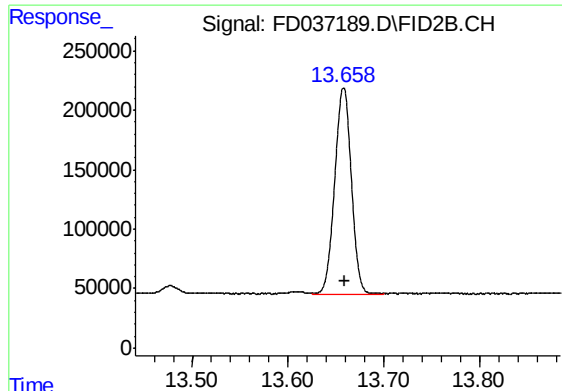
#11 n-Heneicosane (C21)

R.T.: 13.075 min
Delta R.T.: -0.001 min
Response: 2100255
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

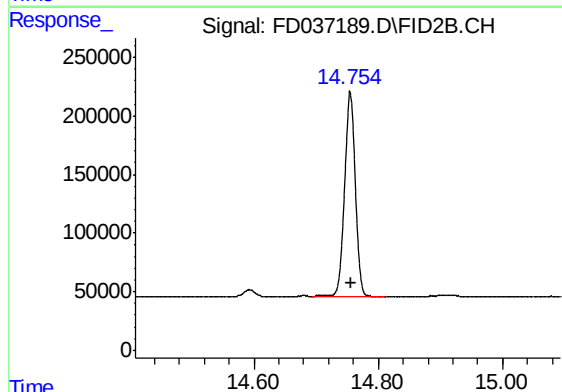
R.T.: 12.908 min
Delta R.T.: -0.001 min
Response: 1771886
Conc: 20.94 ug/ml



#13 n-Docosane (C22)

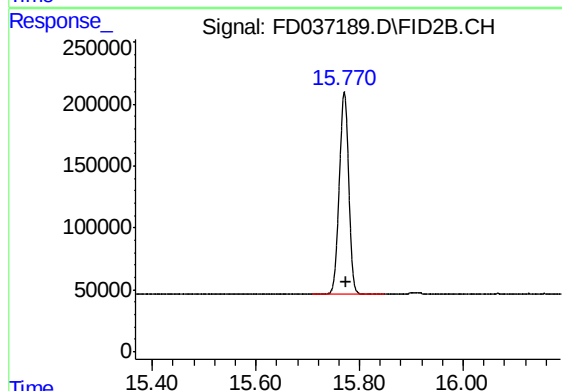
R.T.: 13.658 min
Delta R.T.: -0.002 min
Response: 2082027
Conc: 20.25 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



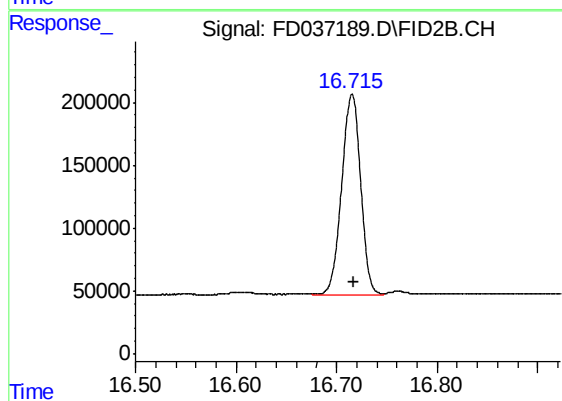
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.002 min
Response: 2098634
Conc: 20.72 ug/ml



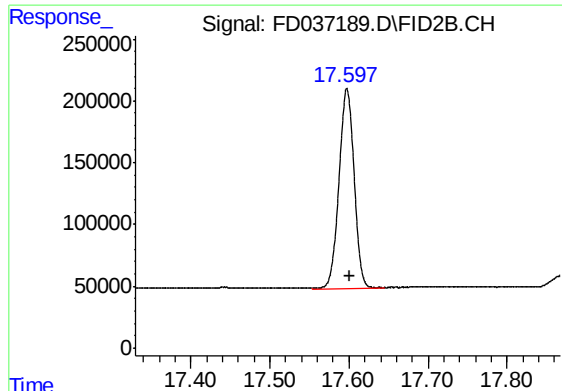
#15 n-Hexacosane (C26)

R.T.: 15.771 min
Delta R.T.: -0.003 min
Response: 2063401
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

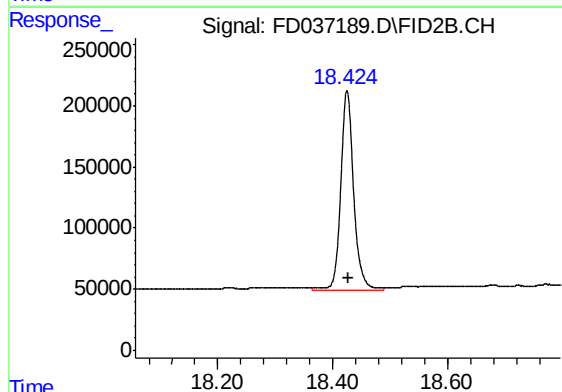
R.T.: 16.715 min
Delta R.T.: -0.002 min
Response: 2086334
Conc: 21.70 ug/ml



#17 n-Tricontane (C30)

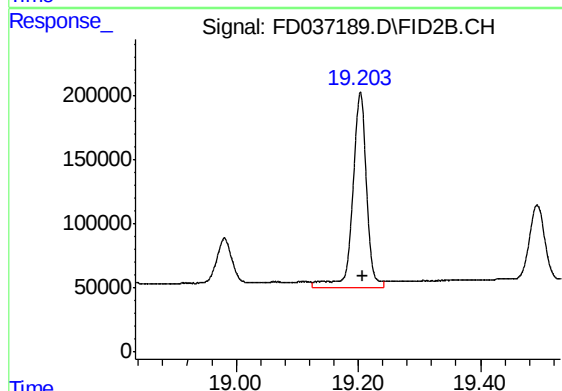
R.T.: 17.598 min
Delta R.T.: -0.003 min
Response: 2163725
Conc: 22.50 ug/ml

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20 PPM ALIPHATIC HC STD



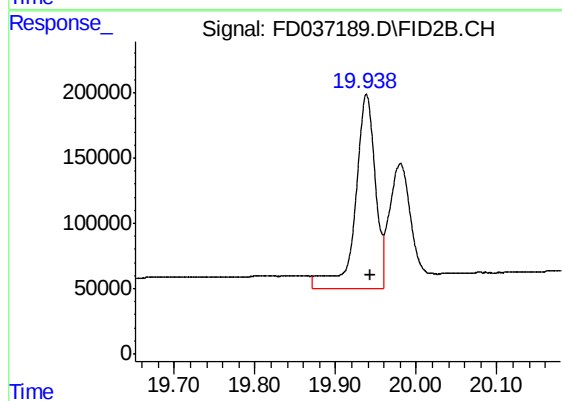
#18 n-Dotriacontane (C32)

R.T.: 18.425 min
Delta R.T.: -0.003 min
Response: 2583747
Conc: 26.27 ug/ml



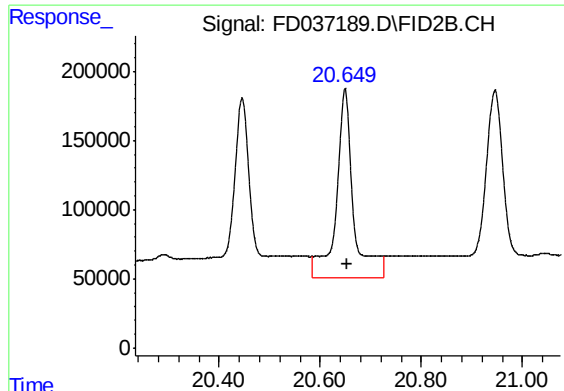
#19 n-Tetratriacontane (C34)

R.T.: 19.203 min
Delta R.T.: -0.004 min
Response: 2439257
Conc: 25.70 ug/ml



#20 n-Hexatriacontane (C36)

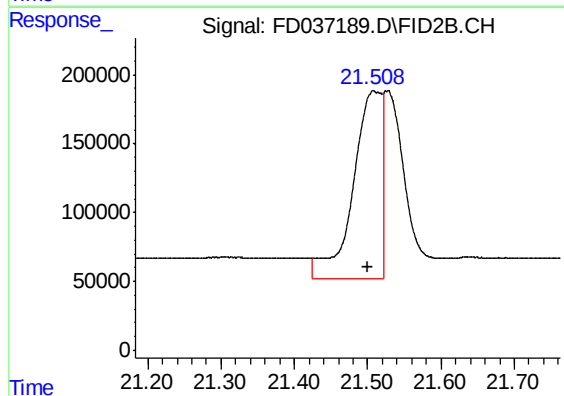
R.T.: 19.938 min
Delta R.T.: -0.005 min
Response: 2544948
Conc: 27.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: -0.004 min
Response: 3182238
Conc: 36.96 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.008 min
Response: 3718769
Conc: 38.76 ug/ml