

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022122AL\
 Data File : FD041212.D
 Signal(s) : FID2B.CH
 Acq On : 21 Feb 2022 12:59
 Operator : YP\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: Feb 21 13:26:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 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)	11.229	538506	19.267 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	12.670	413165	19.735 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.076	431814	19.172 ug/ml
2) T n-Decane (C10)	4.134	429068	19.065 ug/ml
3) T A~Naphthalene (C11.7)	5.691	440395	19.819 ug/ml
4) T n-Dodecane (C12)	6.137	448994	19.555 ug/ml
5) T A~2-methylnaphthalene...	6.737	442020	20.577 ug/ml
6) T n-Tetradecane (C14)	7.915	461897	19.614 ug/ml
7) T n-Hexadecane (C16)	9.502	471379	19.606 ug/ml
8) T n-Octadecane (C18)	10.932	483882	19.282 ug/ml
10) T n-Eicosane (C20)	12.233	482299	19.257 ug/ml
11) T n-Heneicosane (C21)	12.841	477614	18.807 ug/ml
13) T n-Docosane (C22)	13.423	471920	18.854 ug/ml
14) T n-Tetracosane (C24)	14.520	461938	18.600 ug/ml
15) T n-Hexacosane (C26)	15.535	445687	18.384 ug/ml
16) T n-Octacosane (C28)	16.480	429080	17.820 ug/ml
17) T n-Tricontane (C30)	17.362	412547	17.313 ug/ml
18) T n-Dotriacontane (C32)	18.190	385626	17.193 ug/ml
19) T n-Tetratriacontane (C34)	18.969	359719	16.692 ug/ml
20) T n-Hexatriacontane (C36)	19.706	331749	16.685 ug/ml
21) T n-Octatriacontane (C38)	20.404	314464	16.598 ug/ml
22) T n-Tetracontane (C40)	21.184	304732	15.743 ug/ml

(f)=RT Delta > 1/2 Window

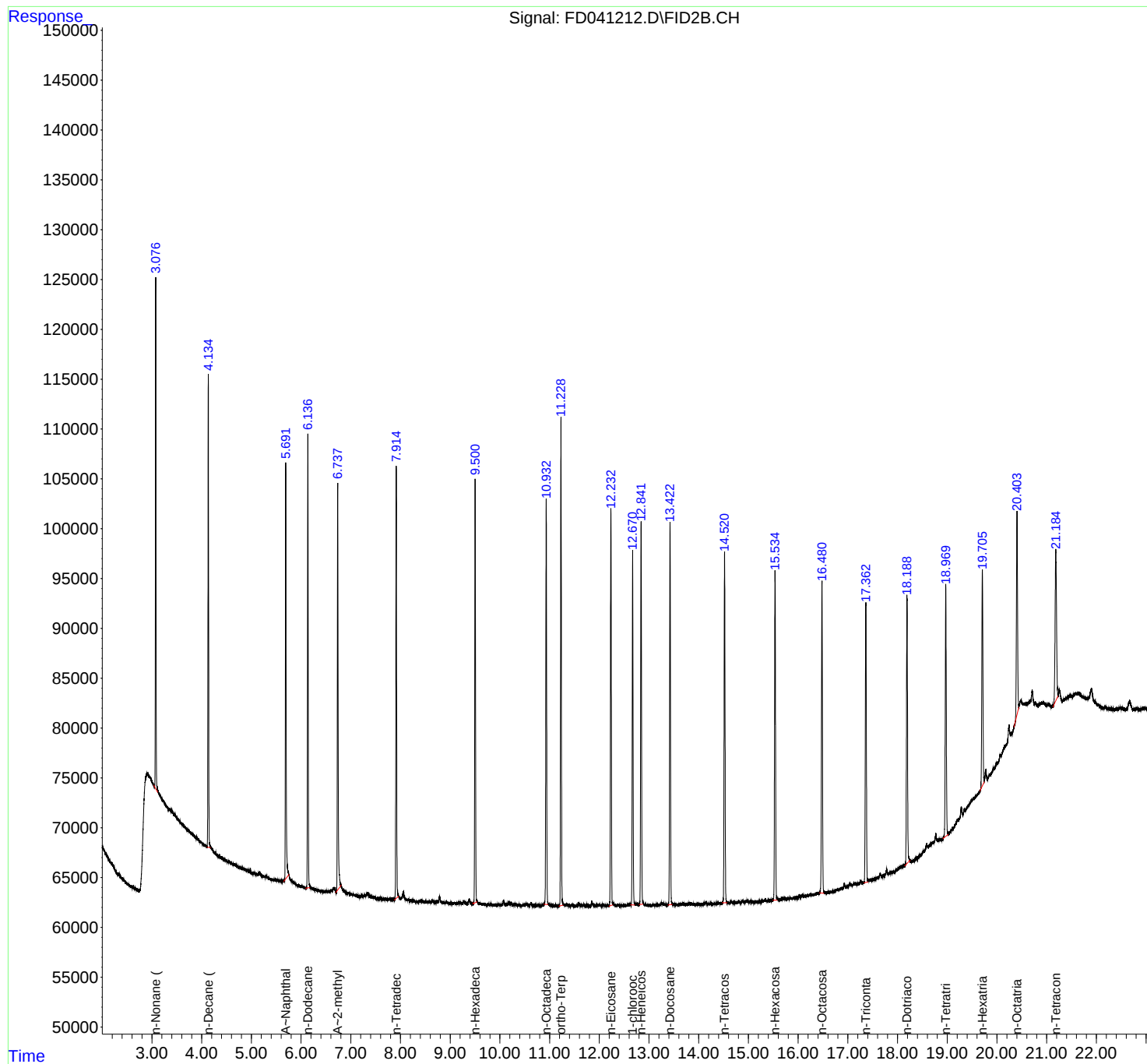
(m)=manual int.

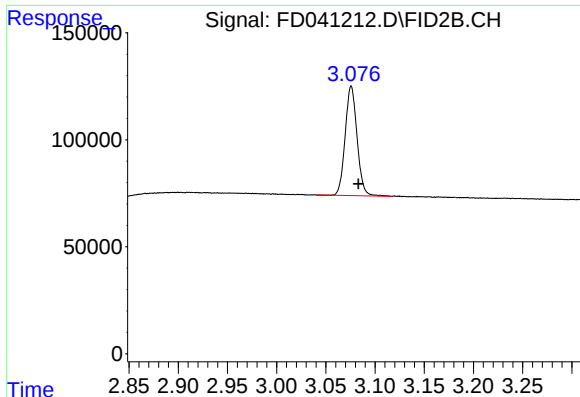
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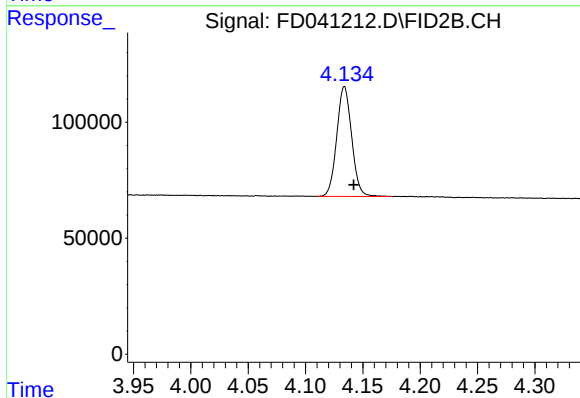




#1 n-Nonane (C9)

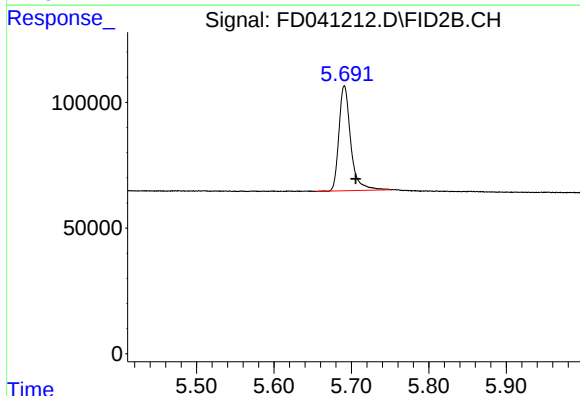
R.T.: 3.076 min
Delta R.T.: -0.007 min
Response: 431814
Conc: 19.17 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



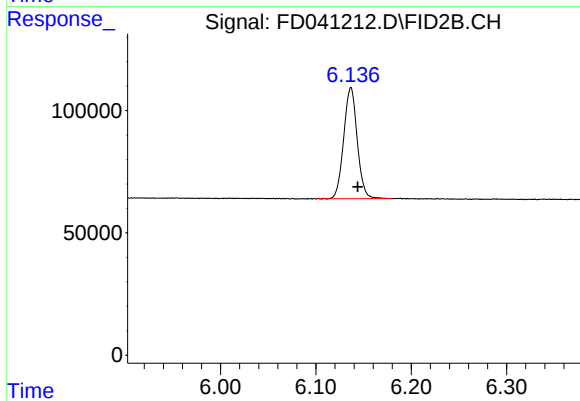
#2 n-Decane (C10)

R.T.: 4.134 min
Delta R.T.: -0.008 min
Response: 429068
Conc: 19.06 ug/ml



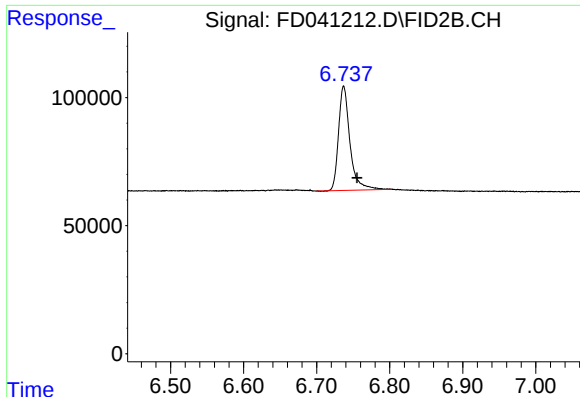
#3 A~Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.015 min
Response: 440395
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

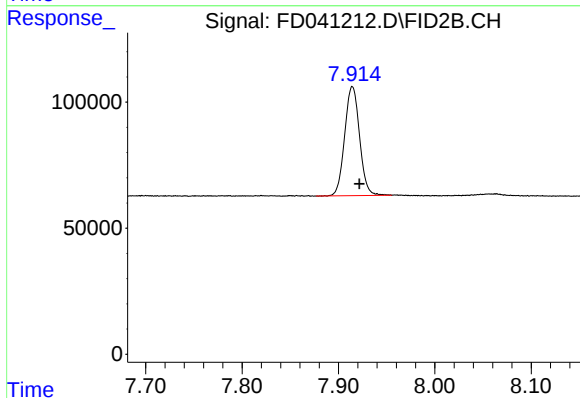
R.T.: 6.137 min
Delta R.T.: -0.007 min
Response: 448994
Conc: 19.55 ug/ml



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

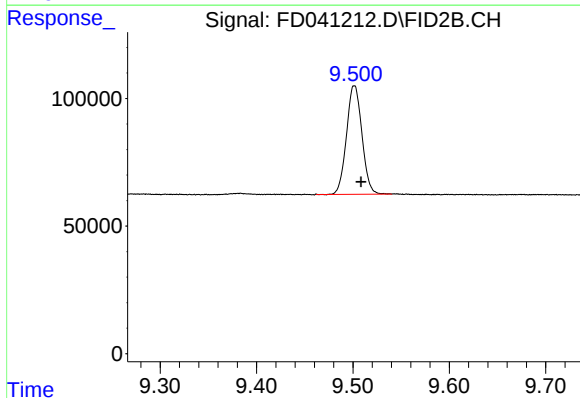
R.T.: 6.737 min
Delta R.T.: -0.018 min
Response: 442020
Conc: 20.58 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



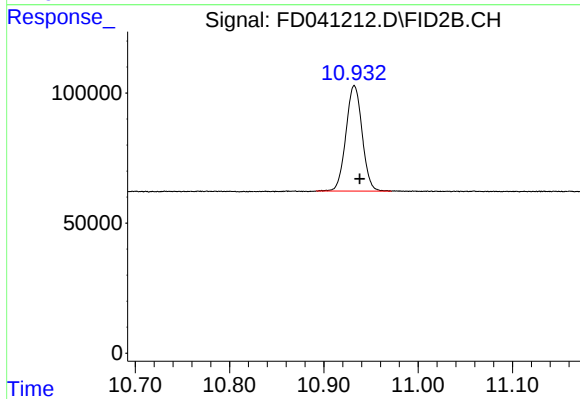
#6 n-Tetradecane (C14)

R.T.: 7.915 min
Delta R.T.: -0.007 min
Response: 461897
Conc: 19.61 ug/ml



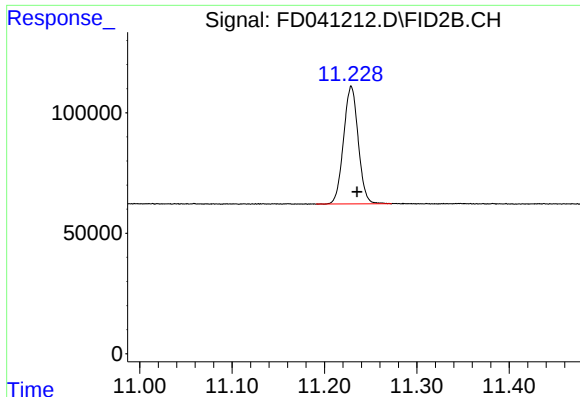
#7 n-Hexadecane (C16)

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 471379
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

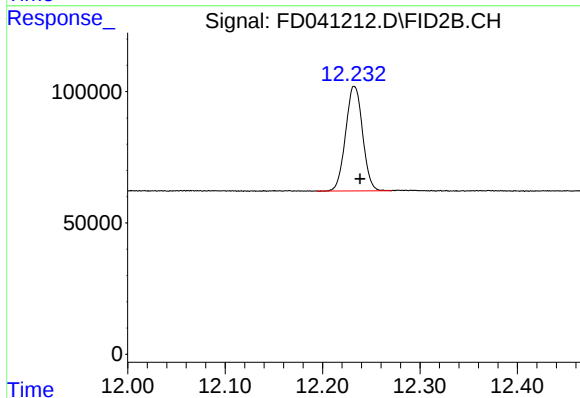
R.T.: 10.932 min
Delta R.T.: -0.006 min
Response: 483882
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

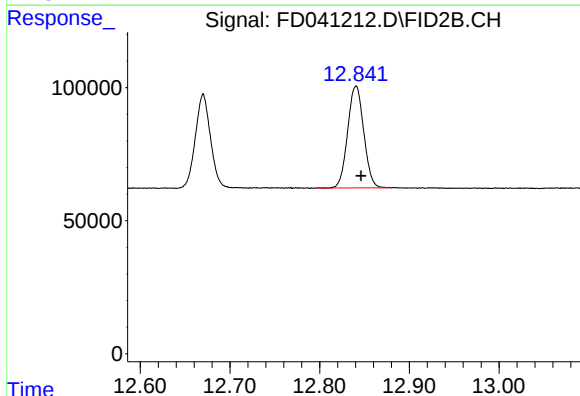
R.T.: 11.229 min
Delta R.T.: -0.006 min
Response: 538506
Conc: 19.27 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



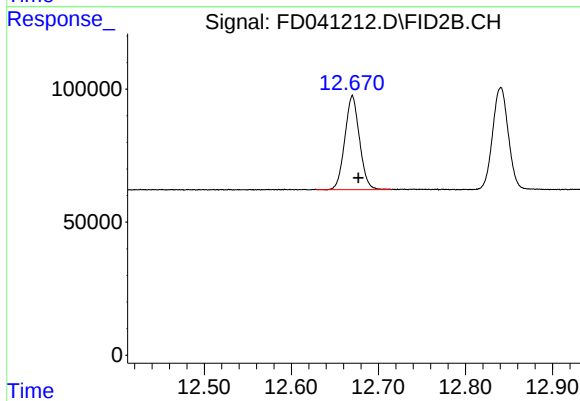
#10 n-Eicosane (C20)

R.T.: 12.233 min
Delta R.T.: -0.006 min
Response: 482299
Conc: 19.26 ug/ml



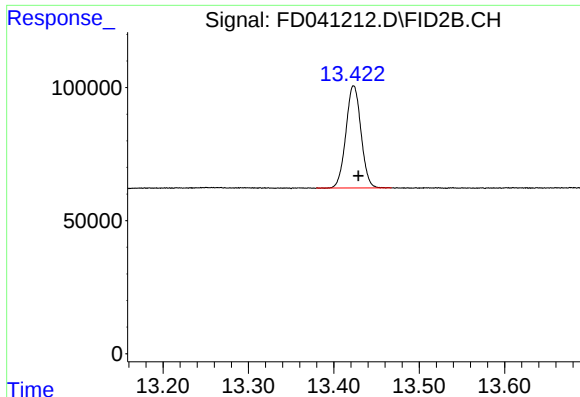
#11 n-Heneicosane (C21)

R.T.: 12.841 min
Delta R.T.: -0.006 min
Response: 477614
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

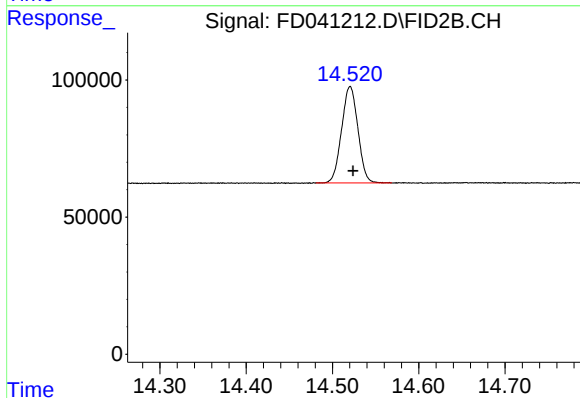
R.T.: 12.670 min
Delta R.T.: -0.007 min
Response: 413165
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

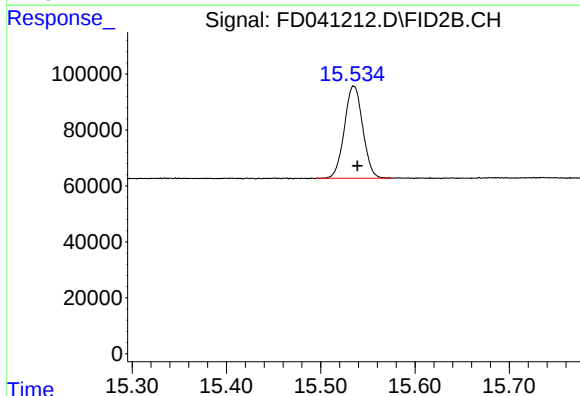
R.T.: 13.423 min
Delta R.T.: -0.006 min
Response: 471920
Conc: 18.85 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



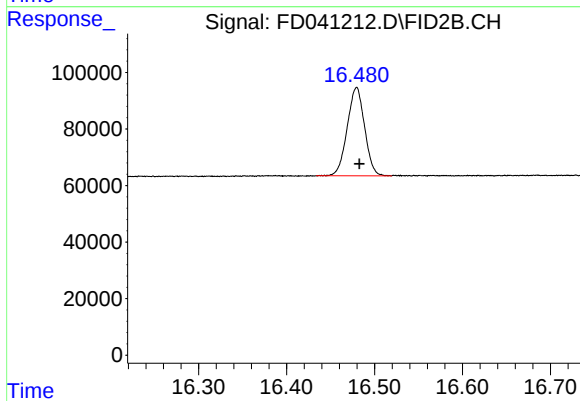
#14 n-Tetracosane (C24)

R.T.: 14.520 min
Delta R.T.: -0.004 min
Response: 461938
Conc: 18.60 ug/ml



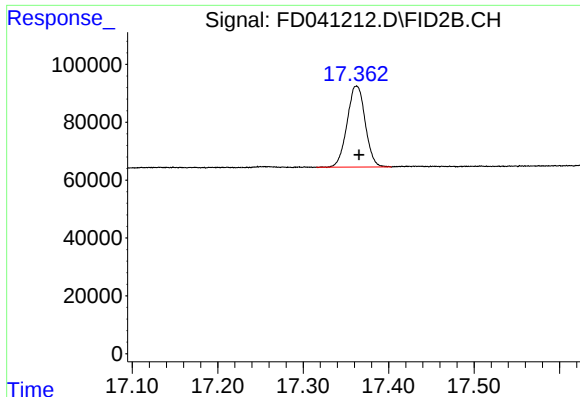
#15 n-Hexacosane (C26)

R.T.: 15.535 min
Delta R.T.: -0.004 min
Response: 445687
Conc: 18.38 ug/ml



#16 n-Octacosane (C28)

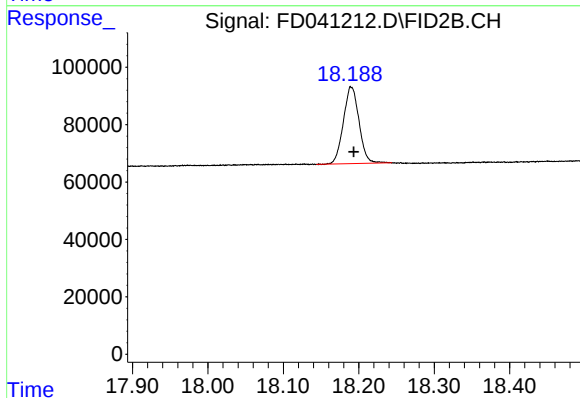
R.T.: 16.480 min
Delta R.T.: -0.003 min
Response: 429080
Conc: 17.82 ug/ml



#17 n-Tricontane (C30)

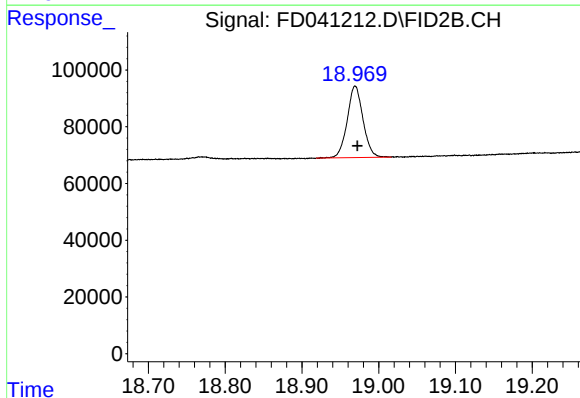
R.T.: 17.362 min
Delta R.T.: -0.003 min
Response: 412547
Conc: 17.31 ug/ml

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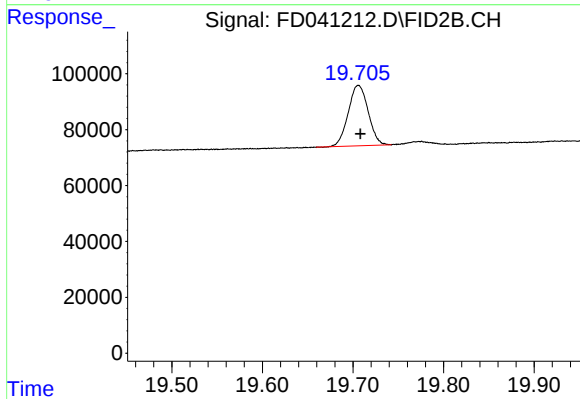
#18 n-Dotriacontane (C32)

R.T.: 18.190 min
Delta R.T.: -0.003 min
Response: 385626
Conc: 17.19 ug/ml



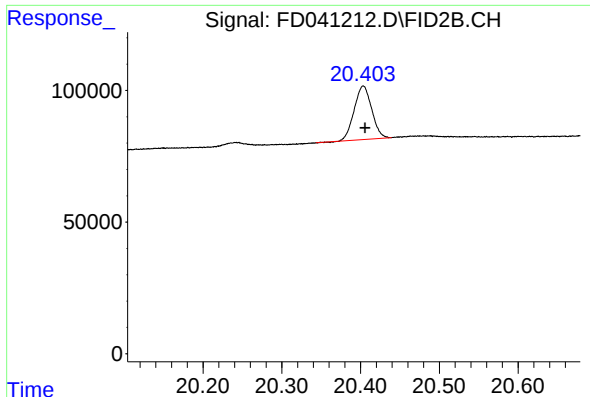
#19 n-Tetratriacontane (C34)

R.T.: 18.969 min
Delta R.T.: -0.003 min
Response: 359719
Conc: 16.69 ug/ml



#20 n-Hexatriacontane (C36)

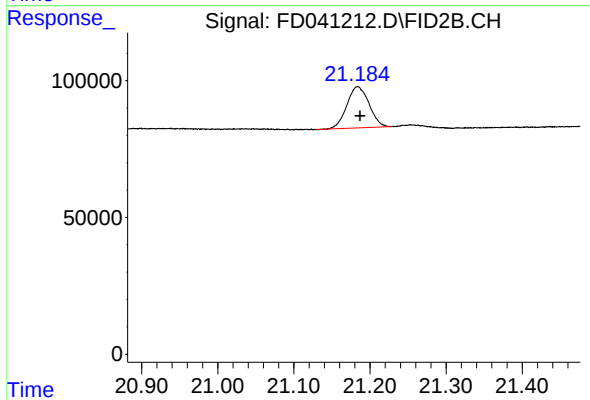
R.T.: 19.706 min
Delta R.T.: -0.002 min
Response: 331749
Conc: 16.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.404 min
Delta R.T.: -0.002 min
Response: 314464
Conc: 16.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.184 min
Delta R.T.: -0.003 min
Response: 304732
Conc: 15.74 ug/ml