

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AL\
 Data File : FD035248.D
 Signal(s) : FID2B.CH
 Acq On : 02 Nov 2020 23:45
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

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 11/3/2020 3:29:20 PM

Integration File: autoint1.e
 Quant Time: Nov 03 02:56:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:51:40 2020
 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)	11.543	599310	4.456 ug/ml
Spiked Amount 50.000		Recovery =	8.91%
12) S 1-chlorooctadecane (S...	12.974	477436	4.423 ug/ml
Spiked Amount 50.000		Recovery =	8.85%
Target Compounds			
1) T n-Nonane (C9)	3.335	514022	4.396 ug/ml
2) T n-Decane (C10)	4.398	511080	4.347 ug/ml
3) T A~Naphthalene (C11.7)	5.980	524101	4.080 ug/ml
4) T n-Dodecane (C12)	6.408	526341	4.392 ug/ml
5) T A~2-methylnaphthalene...	7.031	546666	4.184 ug/mlm
6) T n-Tetradecane (C14)	8.197	517836	4.337 ug/ml
7) T n-Hexadecane (C16)	9.791	511749	4.307 ug/ml
8) T n-Octadecane (C18)	11.227	552801	4.425 ug/ml
10) T n-Eicosane (C20)	12.533	567566	4.480 ug/ml
11) T n-Heneicosane (C21)	13.142	571834	4.504 ug/ml
13) T n-Docosane (C22)	13.725	572823	4.500 ug/ml
14) T n-Tetracosane (C24)	14.823	574096	4.484 ug/ml
15) T n-Hexacosane (C26)	15.840	572899	4.494 ug/ml
16) T n-Octacosane (C28)	16.785	577644	4.523 ug/ml
17) T n-Tricontane (C30)	17.668	572205	4.554 ug/ml
18) T n-Dotriacontane (C32)	18.495	537549	4.599 ug/ml
19) T n-Tetratriacontane (C34)	19.275	501826	4.580 ug/ml
20) T n-Hexatriacontane (C36)	20.010	447787	4.433 ug/ml
21) T n-Octatriacontane (C38)	20.733	417246	4.488 ug/ml
22) T n-Tetracontane (C40)	21.614	371961	4.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 63 Sample Multiplier: 1

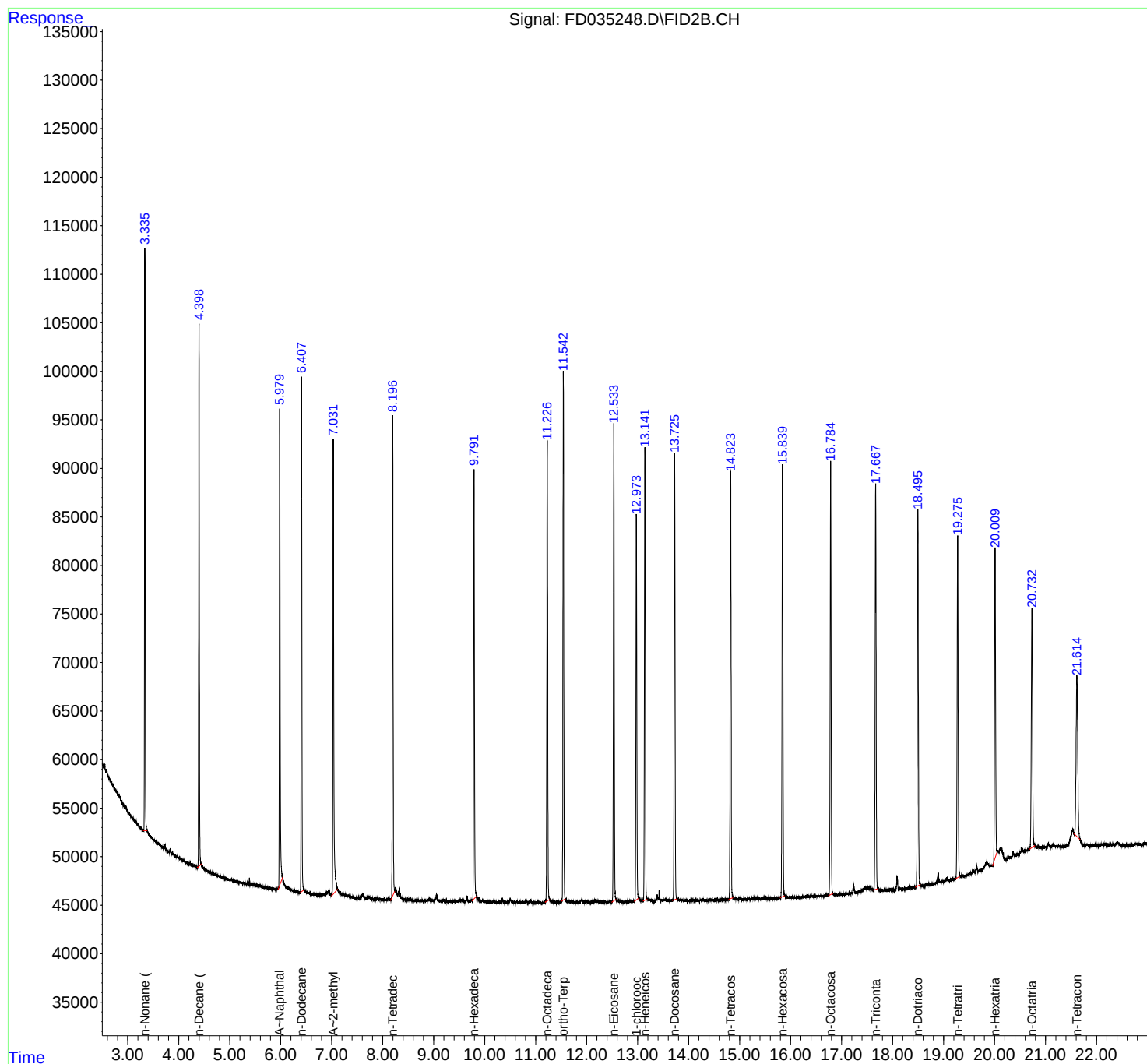
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

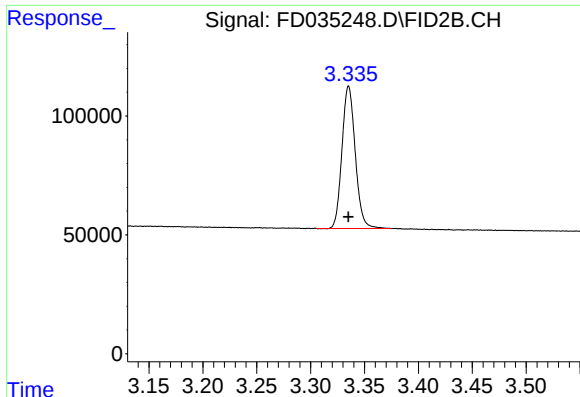
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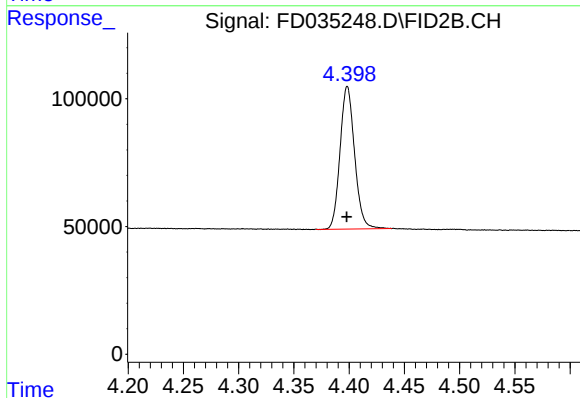
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 514022
Conc: 4.40 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

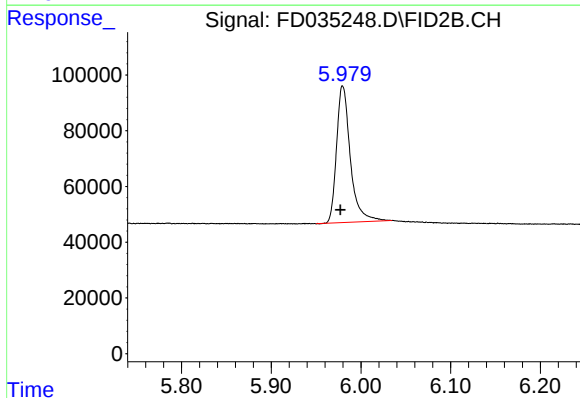
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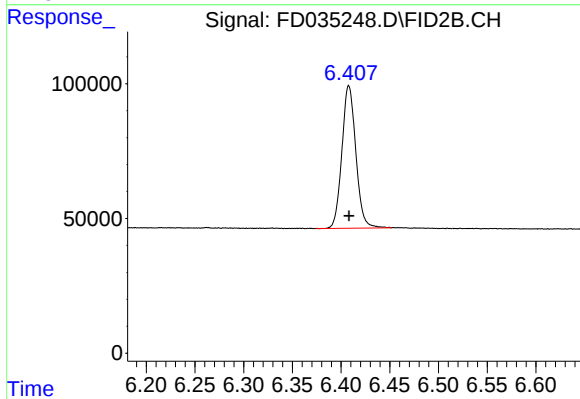
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: 0.000 min
Response: 511080
Conc: 4.35 ug/ml



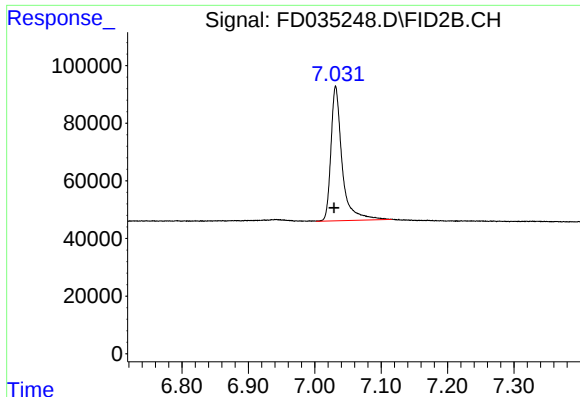
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 524101
Conc: 4.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 526341
Conc: 4.39 ug/ml



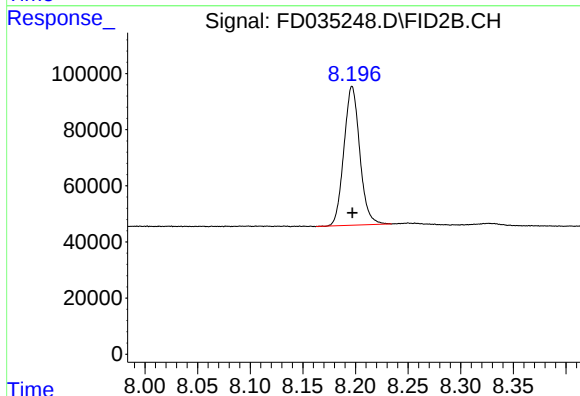
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: 0.002 min
Response: 546666
Conc: 4.18 ug/ml m

Instrument :
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5 PPM ALIPHATIC HC STD5

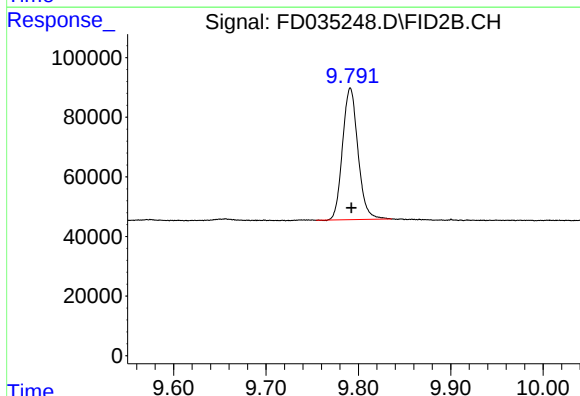
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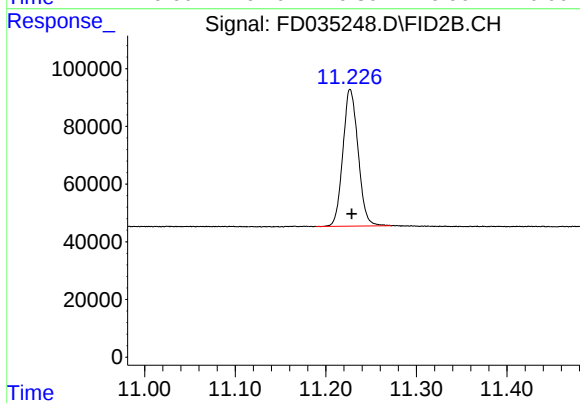
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 517836
Conc: 4.34 ug/ml



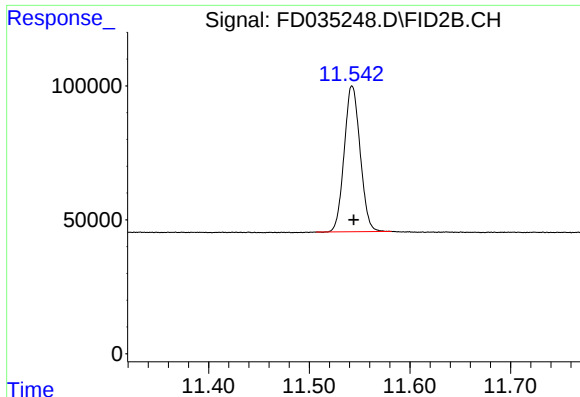
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 511749
Conc: 4.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.002 min
Response: 552801
Conc: 4.43 ug/ml



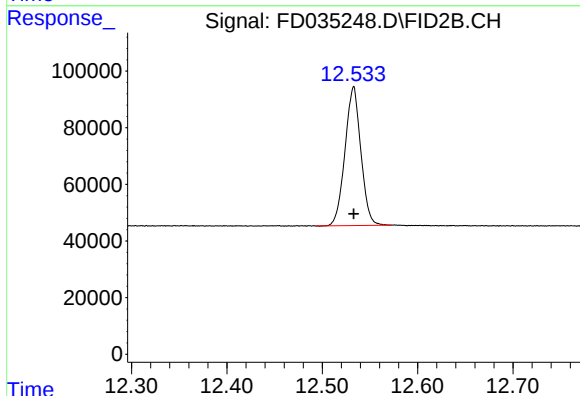
#9 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.002 min
Response: 599310
Conc: 4.46 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

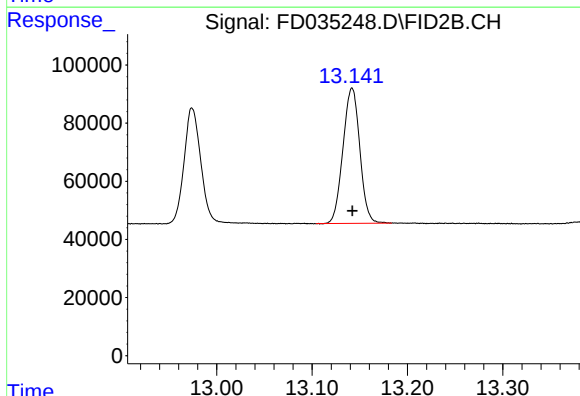
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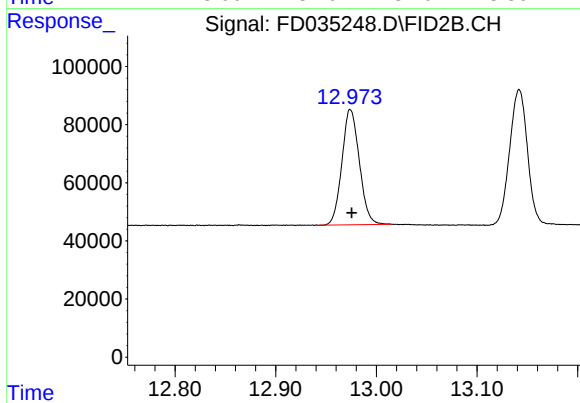
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: 0.000 min
Response: 567566
Conc: 4.48 ug/ml



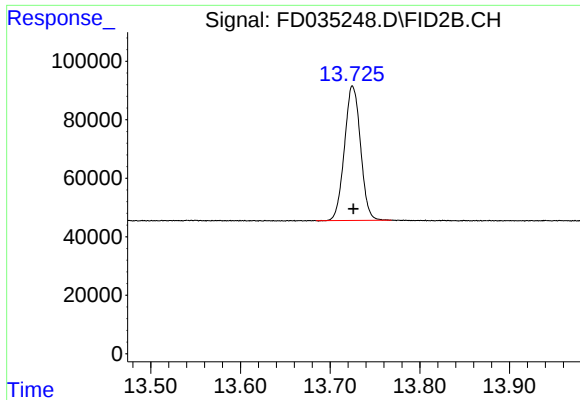
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: 0.000 min
Response: 571834
Conc: 4.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.001 min
Response: 477436
Conc: 4.42 ug/ml



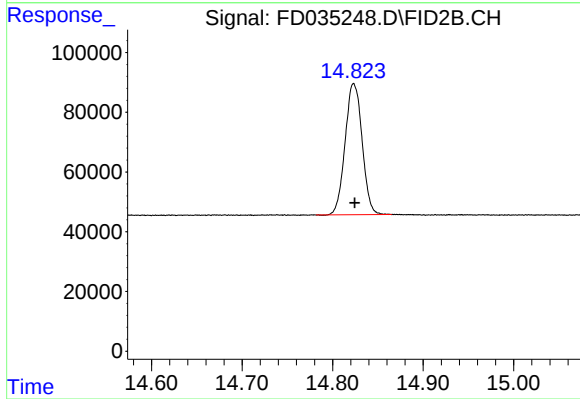
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.001 min
Response: 572823
Conc: 4.50 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

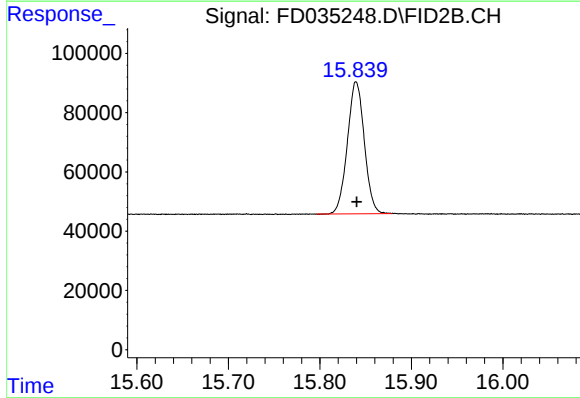
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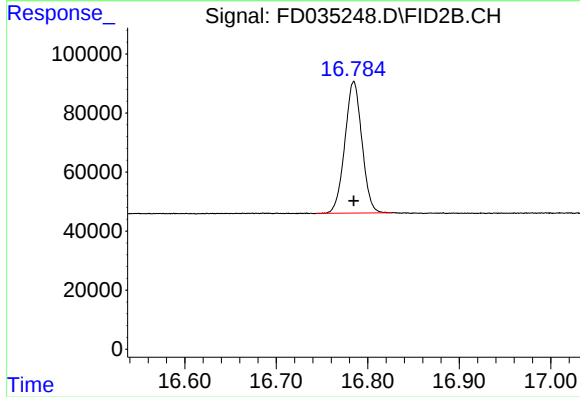
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.001 min
Response: 574096
Conc: 4.48 ug/ml



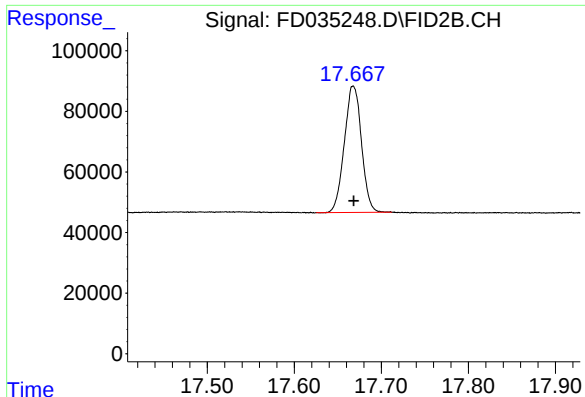
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 572899
Conc: 4.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 577644
Conc: 4.52 ug/ml



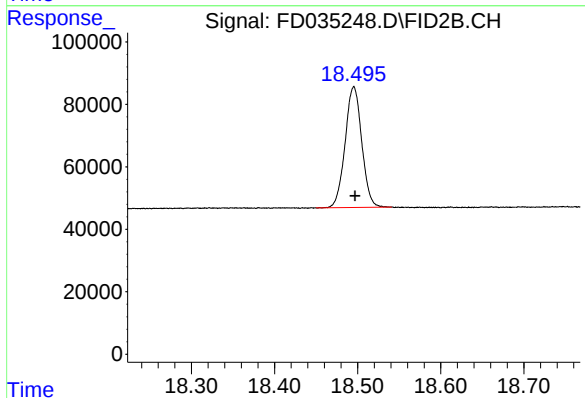
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: 0.000 min
Response: 572205
Conc: 4.55 ug/ml

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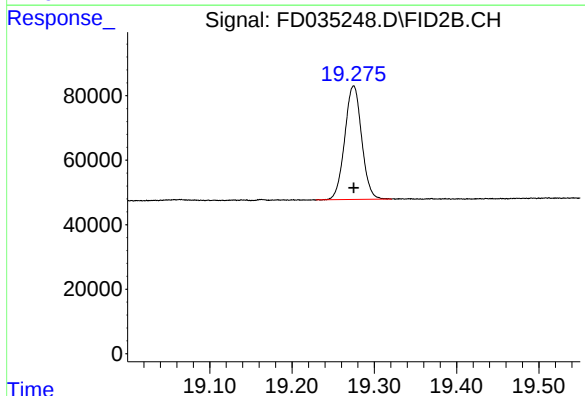
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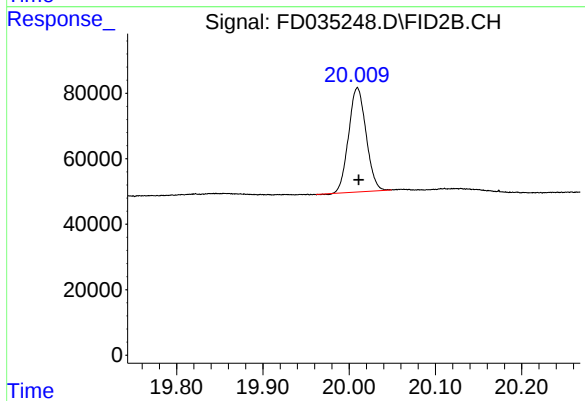
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.002 min
Response: 537549
Conc: 4.60 ug/ml



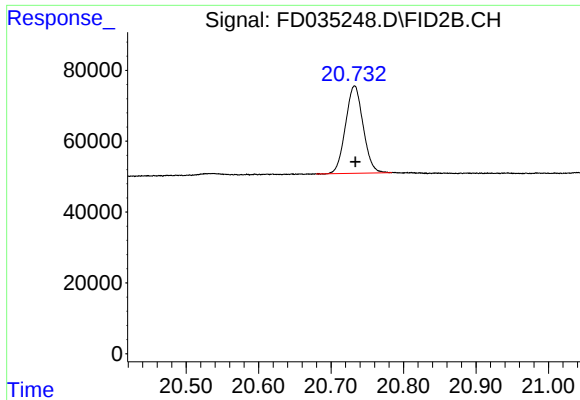
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 501826
Conc: 4.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: -0.001 min
Response: 447787
Conc: 4.43 ug/ml



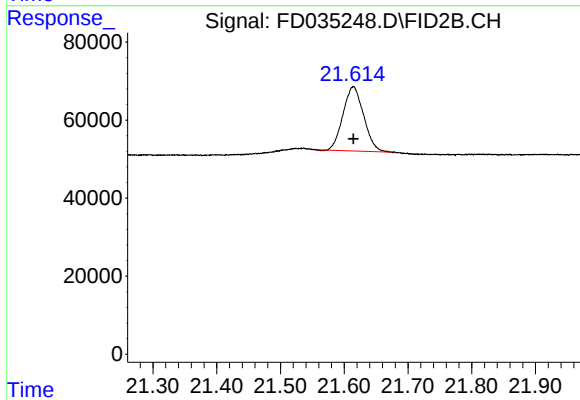
#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 417246
Conc: 4.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: 0.000 min
Response: 371961
Conc: 4.11 ug/ml