

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AL\
 Data File : FD042751.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 1:18
 Operator : UA/NP
 Sample : N3108-01MSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 03 03:46:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.585	5852006	35.235 ug/ml
Spiked Amount 50.000		Recovery =	70.47%
12) S 1-chlorooctadecane (S...	13.020	4526870	34.662 ug/ml
Spiked Amount 50.000		Recovery =	69.32%
Target Compounds			
1) T n-Nonane (C9)	3.352	3700333	26.711 ug/ml
2) T n-Decane (C10)	4.420	4339325	31.425 ug/ml
3) T A~Naphthalene (C11.7)	6.001	5639500	35.849 ug/ml
4) T n-Dodecane (C12)	6.435	5185748	36.595 ug/ml
5) T A~2-methylnaphthalene...	7.057	5966864	37.269 ug/ml
6) T n-Tetradecane (C14)	8.230	5732234	39.803 ug/ml
7) T n-Hexadecane (C16)	9.828	6011045	40.751 ug/ml
8) T n-Octadecane (C18)	11.269	6276039	41.697 ug/ml
10) T n-Eicosane (C20)	12.577	6076062	40.405 ug/ml
11) T n-Heneicosane (C21)	13.188	6002389	39.650 ug/ml
13) T n-Docosane (C22)	13.773	5924338	39.192 ug/ml
14) T n-Tetracosane (C24)	14.874	4963932	33.076 ug/ml
15) T n-Hexacosane (C26)	15.894	5501802	37.737 ug/ml
16) T n-Octacosane (C28)	16.841	5210875	37.361 ug/ml
17) T n-Tricontane (C30)	17.727	4934030	37.739 ug/mlm
18) T n-Dotriacontane (C32)	18.556	4816374	40.791 ug/mlm
19) T n-Tetratriacontane (C34)	19.339	4492384	42.260 ug/ml
20) T n-Hexatriacontane (C36)	20.075	4176493	42.714 ug/mlm
21) T n-Octatriacontane (C38)	20.808	3823295	41.916 ug/mlm
22) T n-Tetracontane (C40)	21.713	4115140	50.783 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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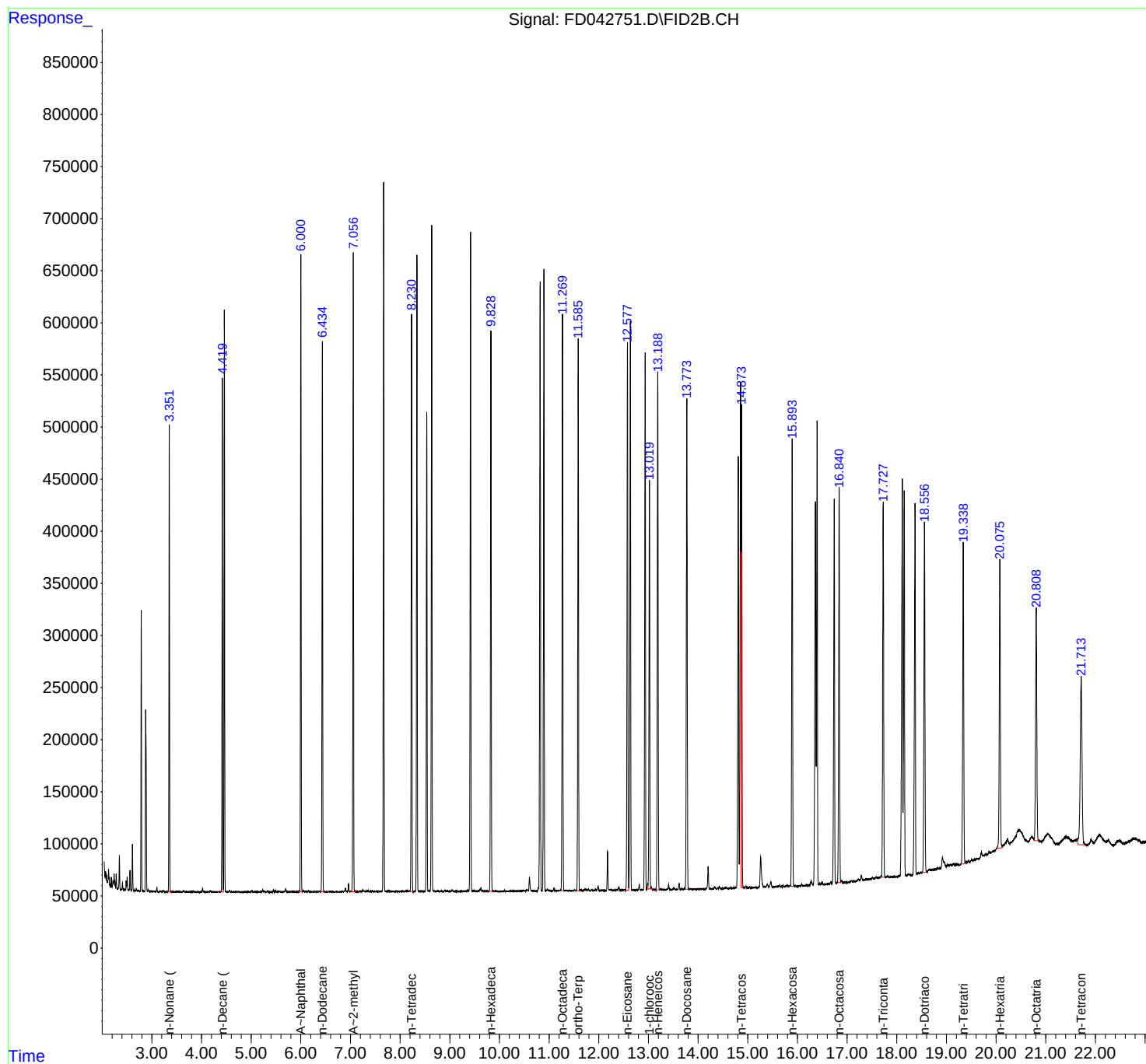
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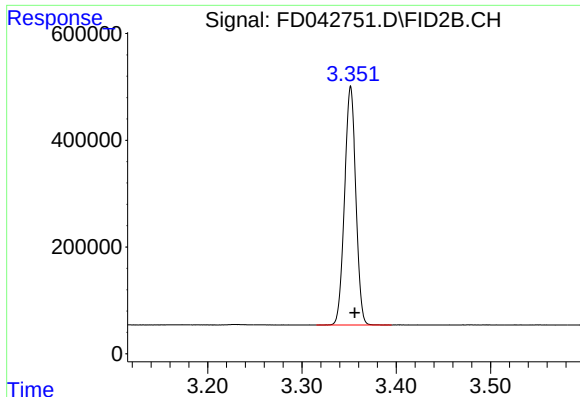
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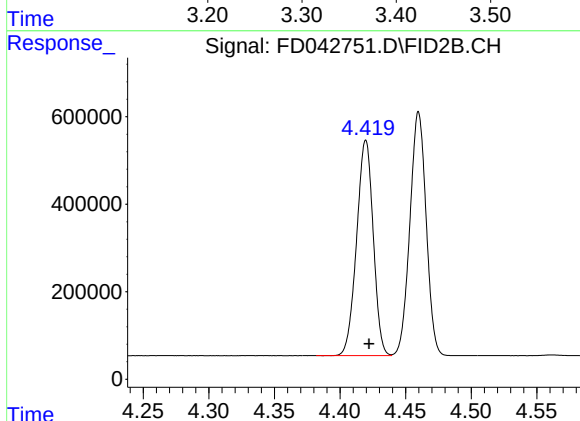
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.004 min
Response: 3700333
Conc: 26.71 ug/ml

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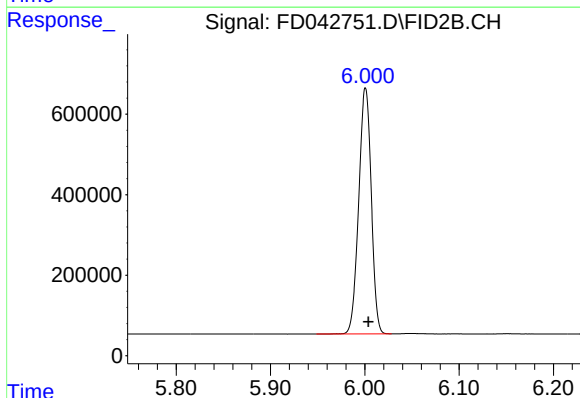
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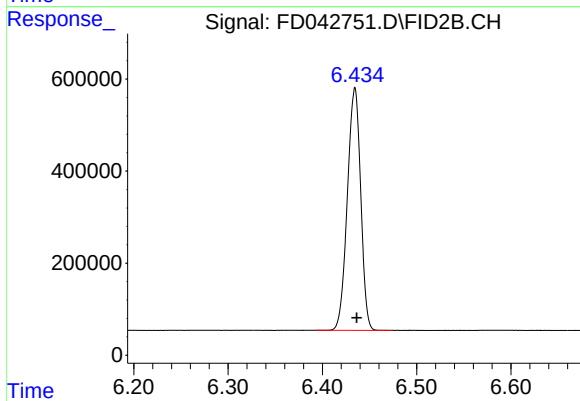
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: -0.003 min
Response: 4339325
Conc: 31.43 ug/ml



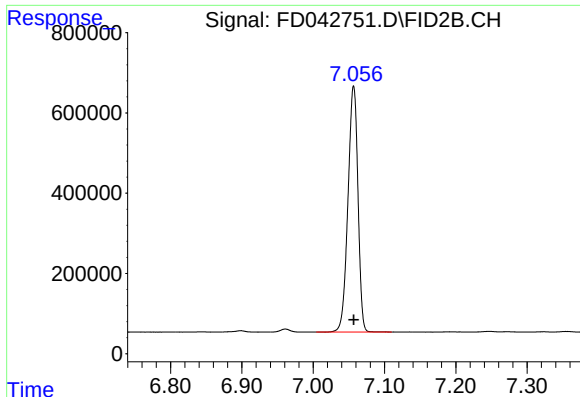
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 5639500
Conc: 35.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 5185748
Conc: 36.59 ug/ml



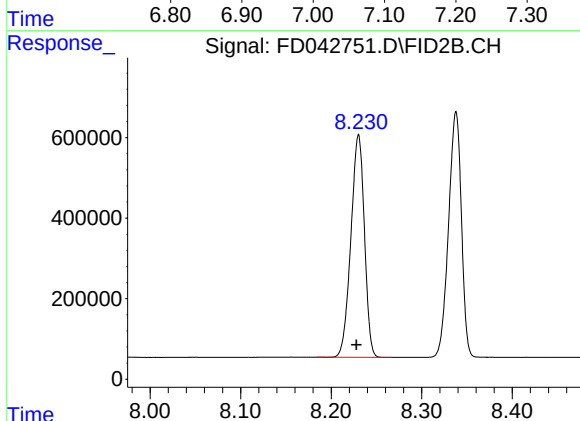
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 5966864
Conc: 37.27 ug/ml

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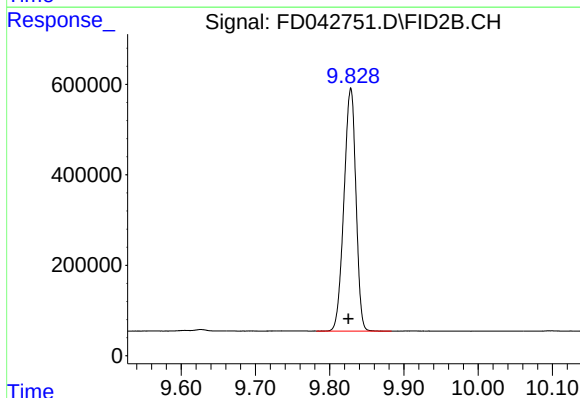
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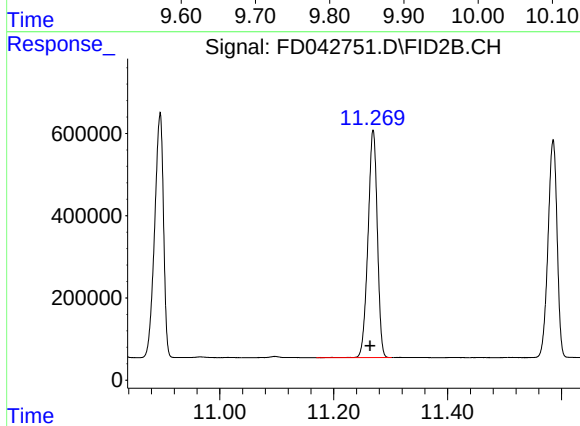
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: 0.002 min
Response: 5732234
Conc: 39.80 ug/ml



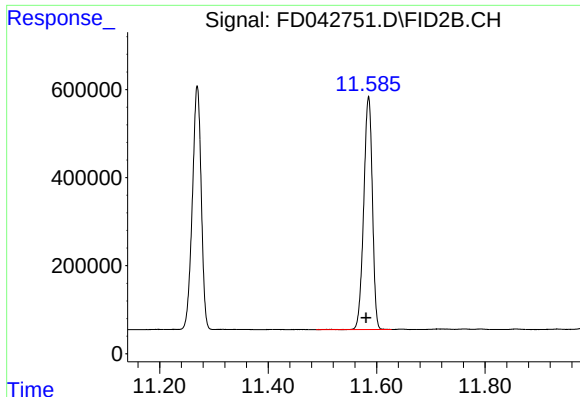
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: 0.003 min
Response: 6011045
Conc: 40.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.269 min
Delta R.T.: 0.005 min
Response: 6276039
Conc: 41.70 ug/ml



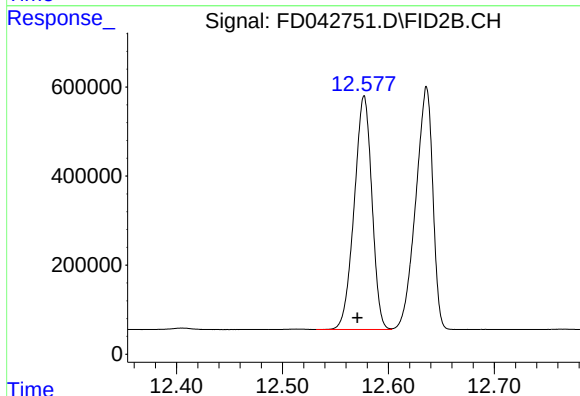
#9 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: 0.005 min
Response: 5852006
Conc: 35.24 ug/ml

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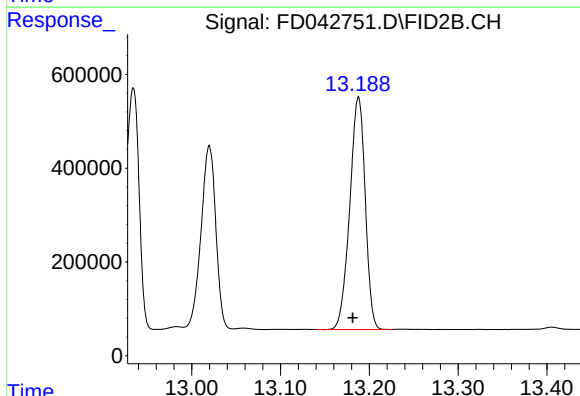
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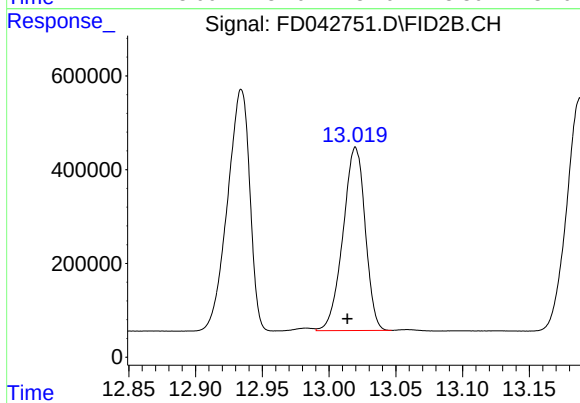
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: 0.006 min
Response: 6076062
Conc: 40.40 ug/ml



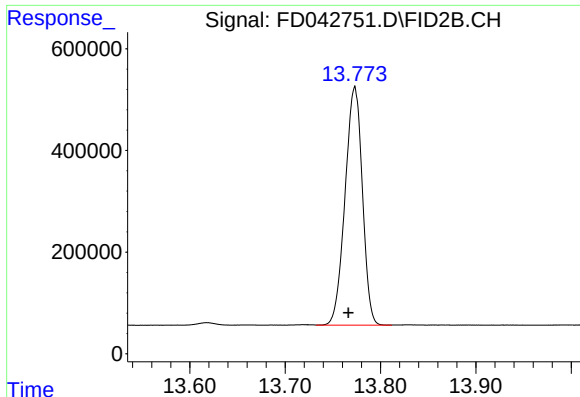
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: 0.007 min
Response: 6002389
Conc: 39.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: 0.006 min
Response: 4526870
Conc: 34.66 ug/ml



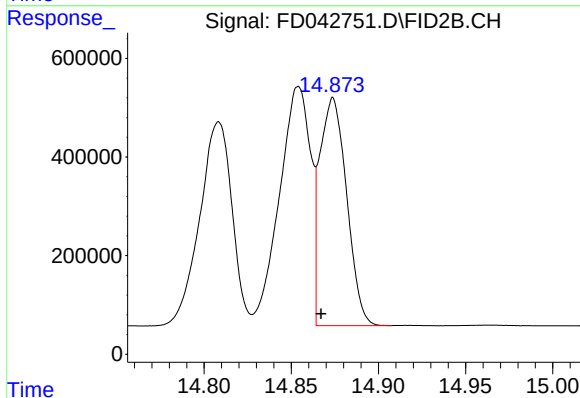
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: 0.007 min
Response: 5924338
Conc: 39.19 ug/ml

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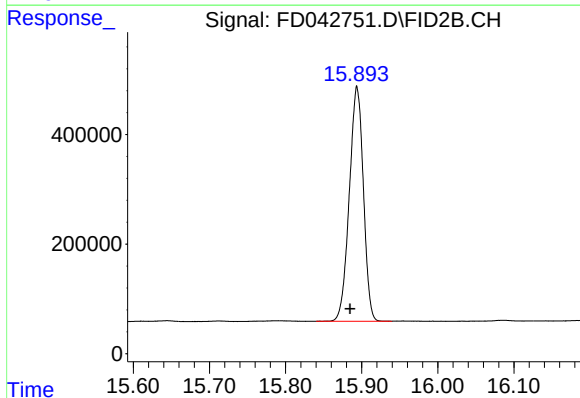
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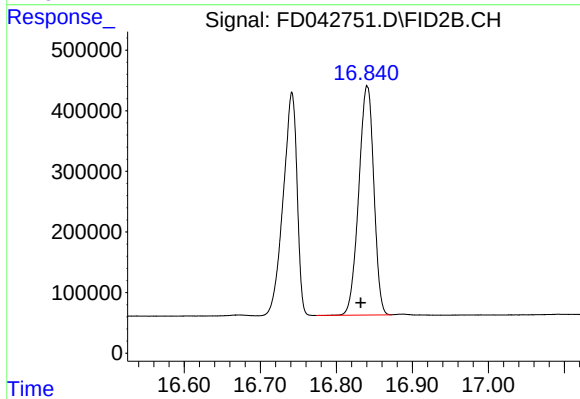
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.007 min
Response: 4963932
Conc: 33.08 ug/ml



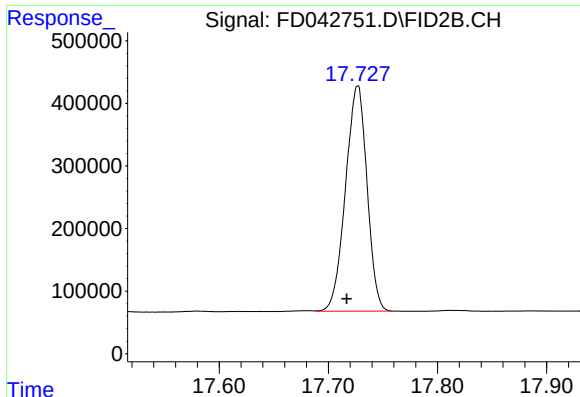
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.009 min
Response: 5501802
Conc: 37.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.009 min
Response: 5210875
Conc: 37.36 ug/ml



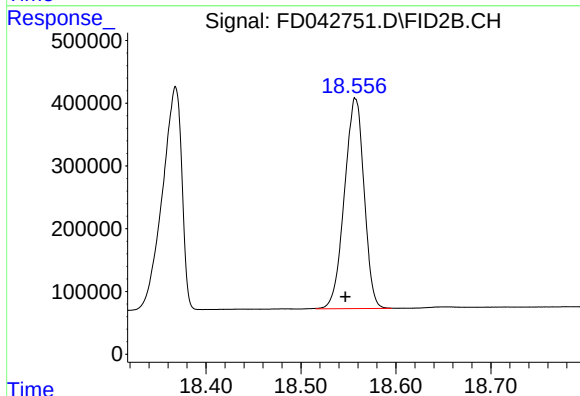
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.010 min
Response: 4934030
Conc: 37.74 ug/ml

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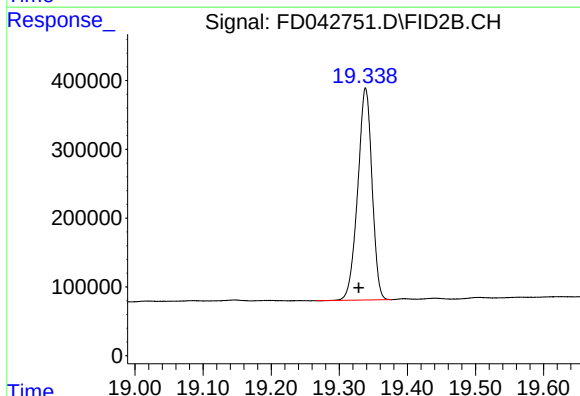
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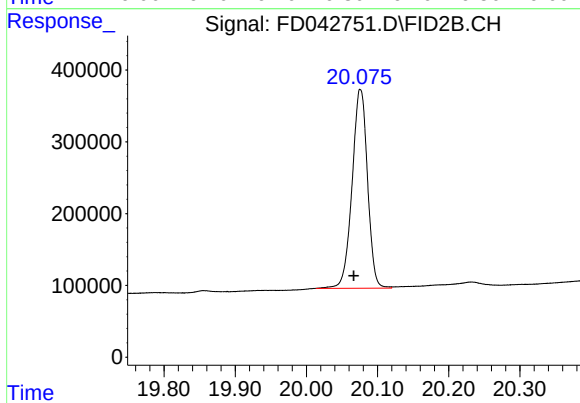
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.009 min
Response: 4816374
Conc: 40.79 ug/ml m



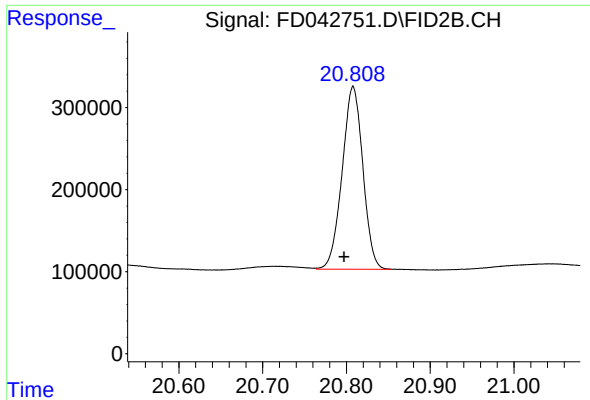
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.010 min
Response: 4492384
Conc: 42.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: 0.008 min
Response: 4176493
Conc: 42.71 ug/ml m



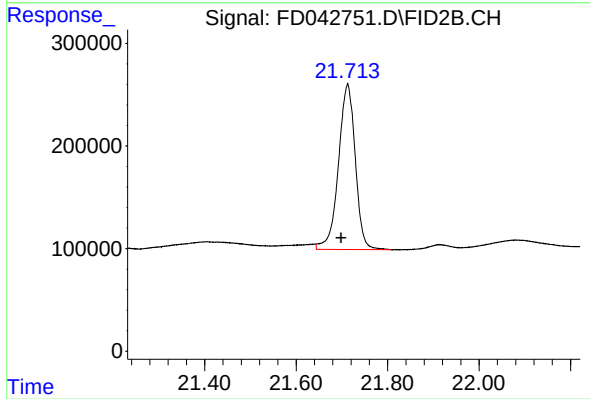
#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.010 min
Response: 3823295
Conc: 41.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: 0.014 min
Response: 4115140
Conc: 50.78 ug/ml m