

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081021AL\
 Data File : FD038496.D
 Signal(s) : FID2B.CH
 Acq On : 11 Aug 2021 12:00
 Operator : AJ\MA
 Sample : PB138268BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138268BS

Manual Integrations
 APPROVED

mohammad
 8/12/2021 11:55:28 AM

Integration File: sample.E
 Quant Time: Aug 11 15:41:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.378	5560766	40.737 ug/ml
Spiked Amount 50.000		Recovery =	81.47%
12) S 1-chlorooctadecane (S...	12.814	4568977	42.489 ug/ml
Spiked Amount 50.000		Recovery =	84.98%
Target Compounds			
1) T n-Nonane (C9)	3.201	4219849	35.944 ug/ml
2) T n-Decane (C10)	4.254	5335676	45.255 ug/ml
3) T A~Naphthalene (C11.7)	5.818	6378828	48.866 ug/ml
4) T n-Dodecane (C12)	6.255	5925709	49.904 ug/ml
5) T A~2-methylnaphthalene...	6.870	6286320	48.040 ug/ml
6) T n-Tetradecane (C14)	8.044	6211590	51.109 ug/ml
7) T n-Hexadecane (C16)	9.635	6635999	54.297 ug/ml
8) T n-Octadecane (C18)	11.071	7068638	56.144 ug/ml
10) T n-Eicosane (C20)	12.375	6829930	54.182 ug/ml
11) T n-Heneicosane (C21)	12.984	6752202	52.895 ug/ml
13) T n-Docosane (C22)	13.567	6567999	51.593 ug/ml
14) T n-Tetracosane (C24)	14.648	12139038	94.370 ug/ml
15) T n-Hexacosane (C26)	15.684	6074343	47.698 ug/ml
16) T n-Octacosane (C28)	16.627	5981242	46.881 ug/ml
17) T n-Tricontane (C30)	17.512	5741432	45.316 ug/ml
18) T n-Dotriacontane (C32)	18.340	5735396	46.676 ug/ml
19) T n-Tetratriacontane (C34)	19.120	5375084	45.036 ug/mlm
20) T n-Hexatriacontane (C36)	19.855	5210615	46.751 ug/mlm
21) T n-Octatriacontane (C38)	20.559	5048684	48.837 ug/mlm
22) T n-Tetracontane (C40)	21.375	5004760	49.864 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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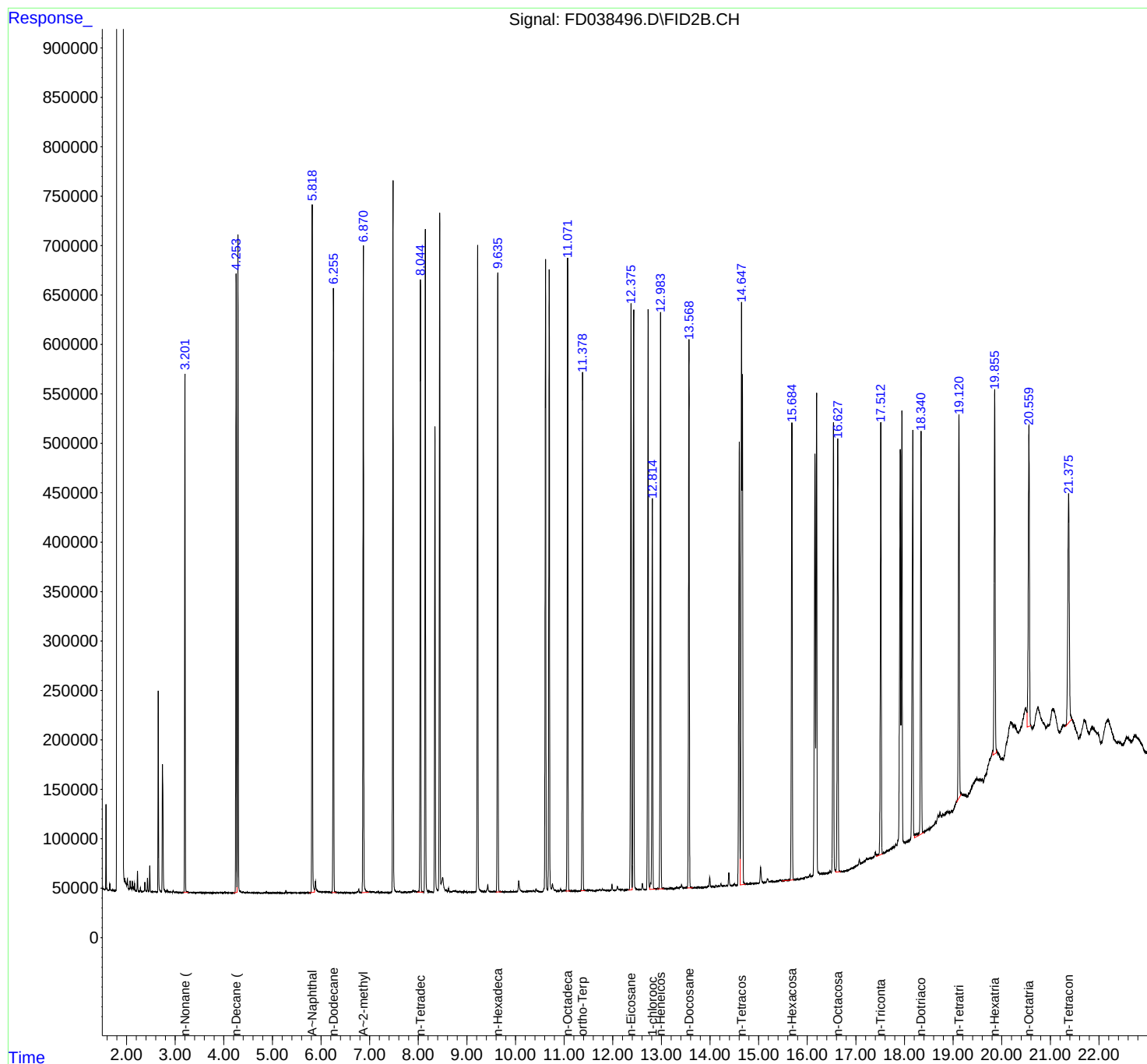
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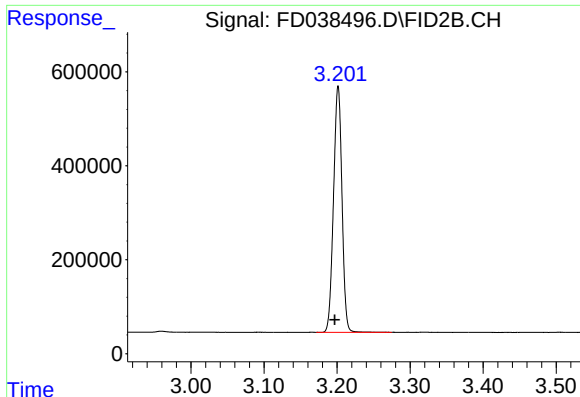
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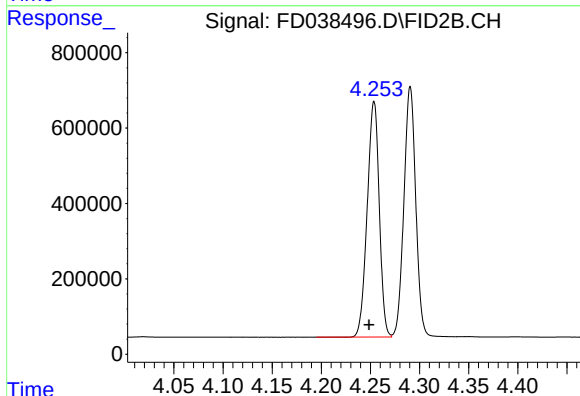
#1 n-Nonane (C9)

R.T.: 3.201 min
Delta R.T.: 0.004 min
Response: 4219849
Conc: 35.94 ug/ml

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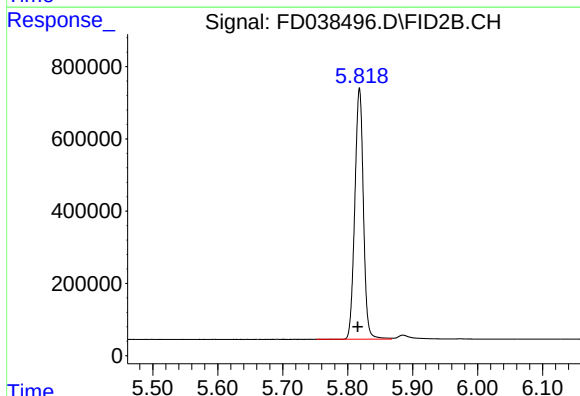
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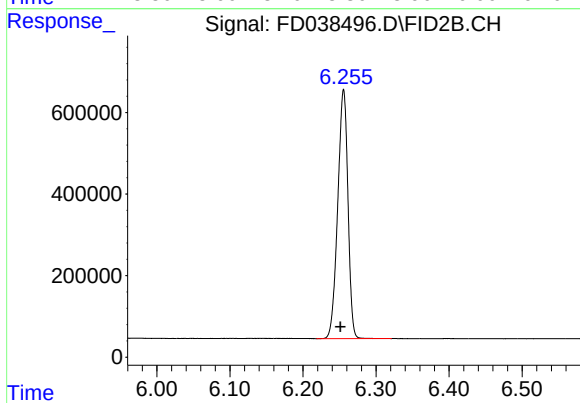
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: 0.005 min
Response: 5335676
Conc: 45.25 ug/ml



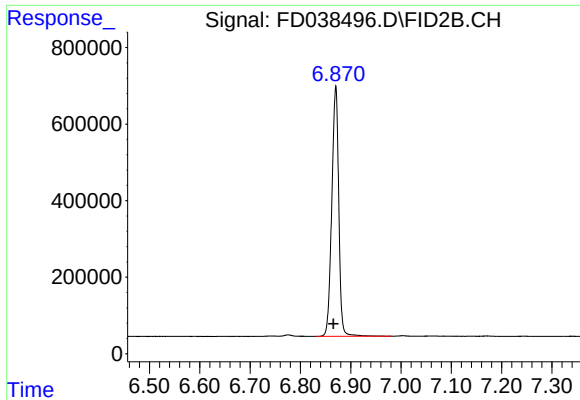
#3 A~Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 6378828
Conc: 48.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.255 min
Delta R.T.: 0.004 min
Response: 5925709
Conc: 49.90 ug/ml



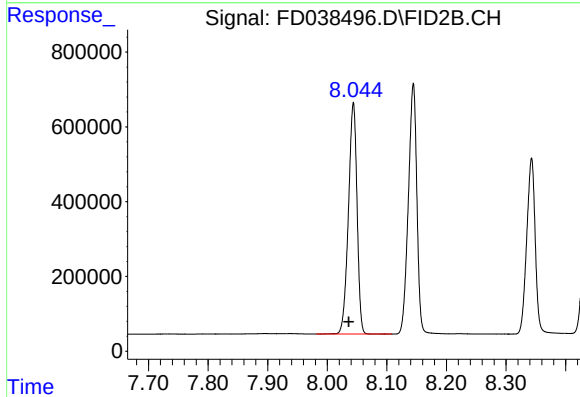
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: 0.004 min
Response: 6286320
Conc: 48.04 ug/ml

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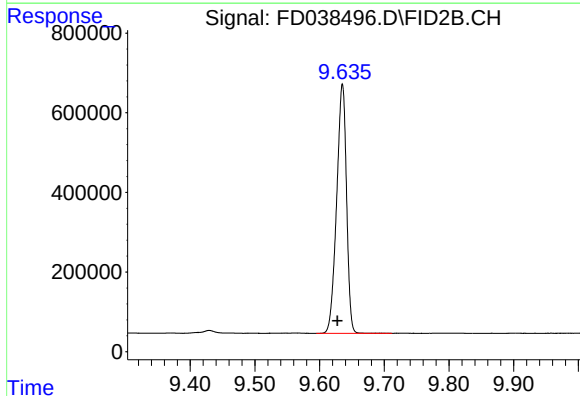
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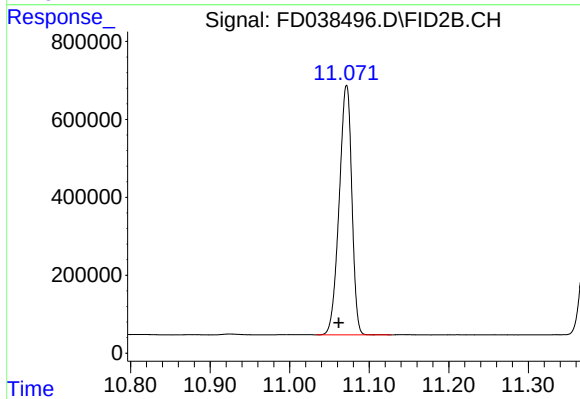
#6 n-Tetradecane (C14)

R.T.: 8.044 min
Delta R.T.: 0.008 min
Response: 6211590
Conc: 51.11 ug/ml



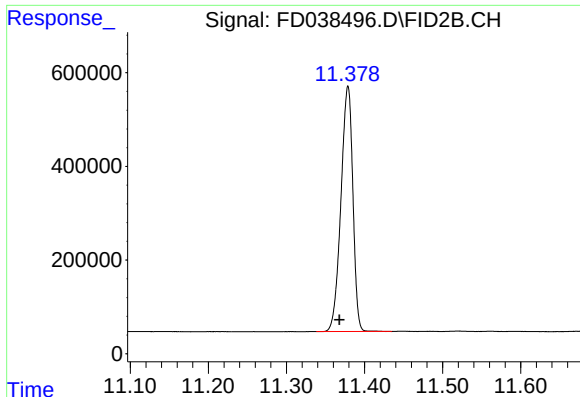
#7 n-Hexadecane (C16)

R.T.: 9.635 min
Delta R.T.: 0.007 min
Response: 6635999
Conc: 54.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.071 min
Delta R.T.: 0.009 min
Response: 7068638
Conc: 56.14 ug/ml



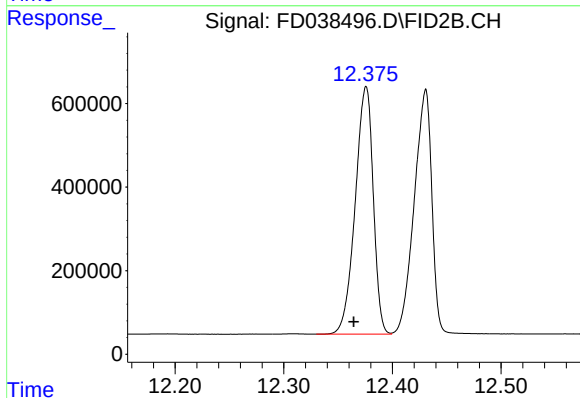
#9 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: 0.010 min
Response: 5560766
Conc: 40.74 ug/ml

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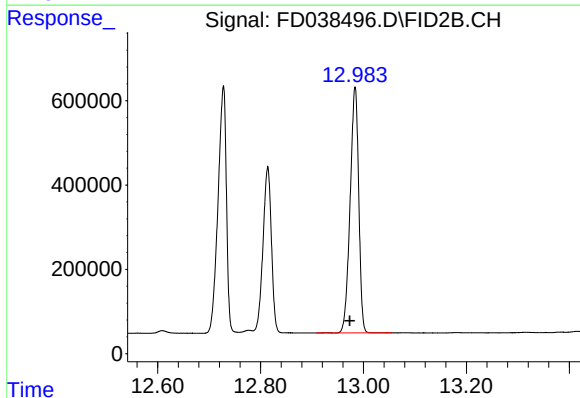
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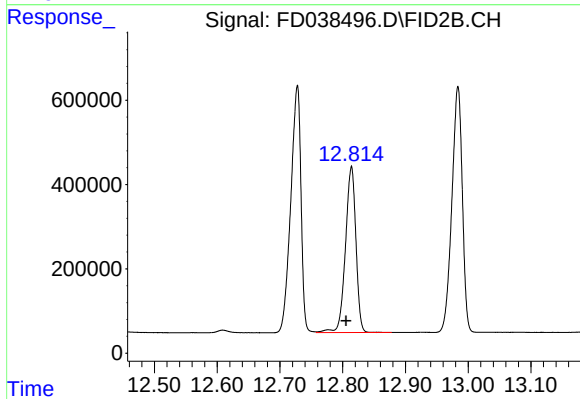
#10 n-Eicosane (C20)

R.T.: 12.375 min
Delta R.T.: 0.011 min
Response: 6829930
Conc: 54.18 ug/ml



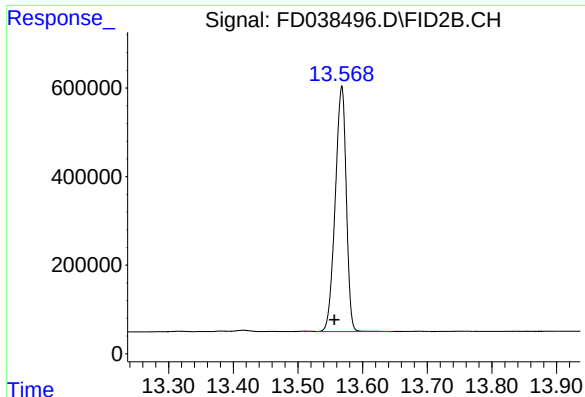
#11 n-Heneicosane (C21)

R.T.: 12.984 min
Delta R.T.: 0.010 min
Response: 6752202
Conc: 52.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: 0.008 min
Response: 4568977
Conc: 42.49 ug/ml



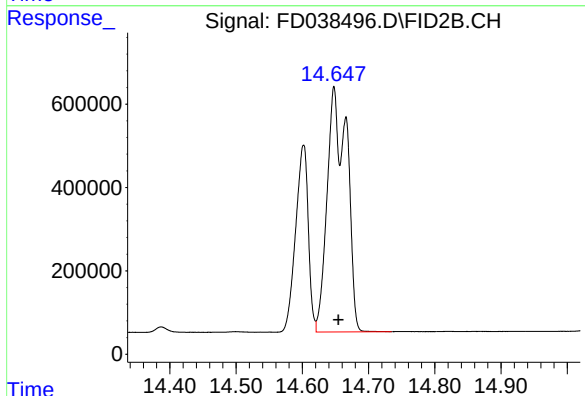
#13 n-Docosane (C22)

R.T.: 13.567 min
Delta R.T.: 0.011 min
Response: 6567999
Conc: 51.59 ug/ml

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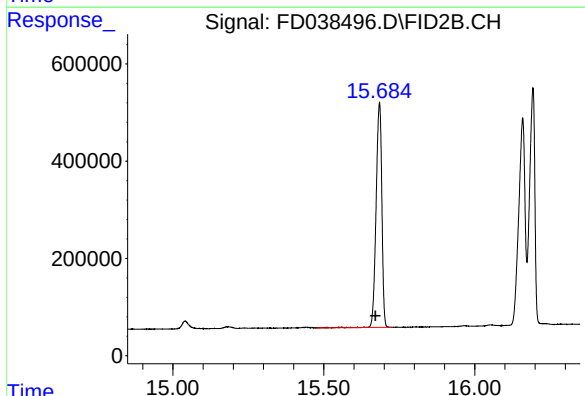
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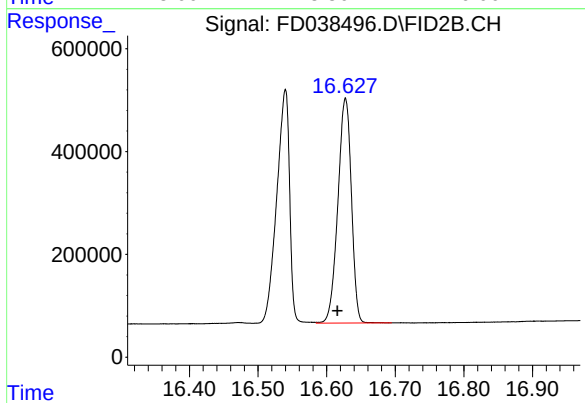
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.007 min
Response: 12139038
Conc: 94.37 ug/ml



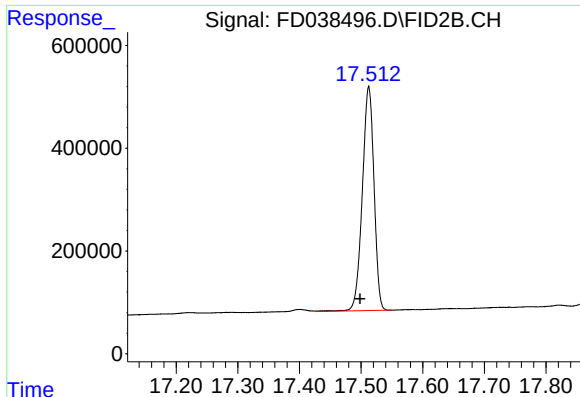
#15 n-Hexacosane (C26)

R.T.: 15.684 min
Delta R.T.: 0.013 min
Response: 6074343
Conc: 47.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: 0.012 min
Response: 5981242
Conc: 46.88 ug/ml



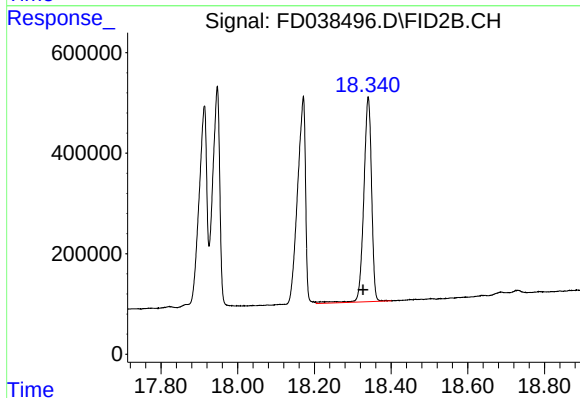
#17 n-Tricontane (C30)

R.T.: 17.512 min
Delta R.T.: 0.014 min
Response: 5741432
Conc: 45.32 ug/ml

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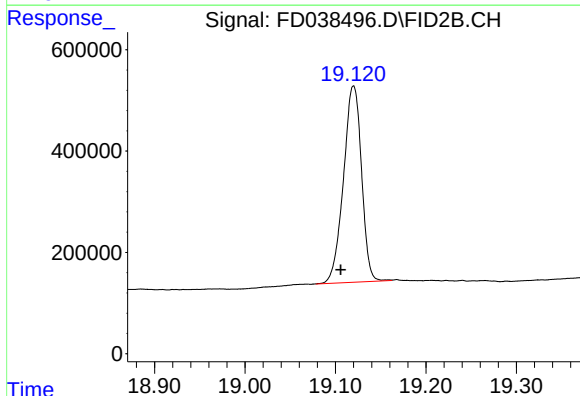
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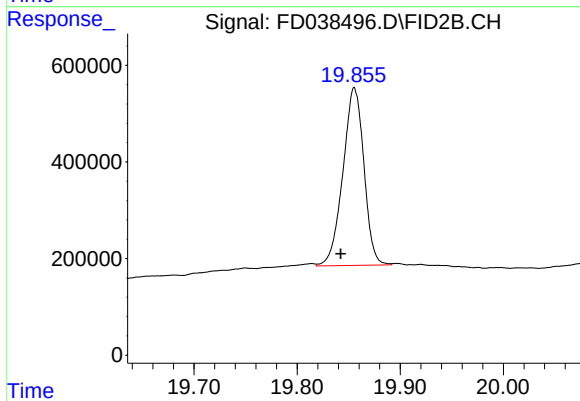
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: 0.013 min
Response: 5735396
Conc: 46.68 ug/ml



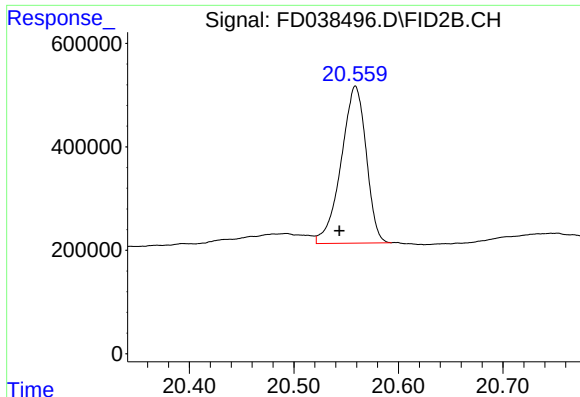
#19 n-Tetratriacontane (C34)

R.T.: 19.120 min
Delta R.T.: 0.014 min
Response: 5375084
Conc: 45.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: 0.013 min
Response: 5210615
Conc: 46.75 ug/ml m



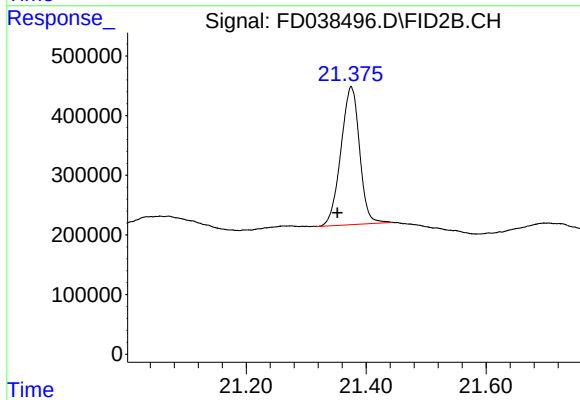
#21 n-Octatriacontane (C38)

R.T.: 20.559 min
Delta R.T.: 0.015 min
Response: 5048684
Conc: 48.84 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.375 min
Delta R.T.: 0.022 min
Response: 5004760
Conc: 49.86 ug/ml m