

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041922AL\
 Data File : FD042000.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2022 19:46
 Operator : UA/NP
 Sample : N2467-01MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

KR-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/20/2022

Supervised By :mohammad ahmed 04/20/2022

Integration File: sample.E

Quant Time: Apr 20 01:35:51 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M

Quant Title : GC Extractables

QLast Update : Wed Mar 23 05:05:55 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)	11.216	6301210	35.533 ug/ml
Spiked Amount 50.000		Recovery =	71.07%
12) S 1-chlorooctadecane (S...	12.654	4919096	35.524 ug/ml
Spiked Amount 50.000		Recovery =	71.05%
Target Compounds			
1) T n-Nonane (C9)	3.087	4746355	32.266 ug/ml
2) T n-Decane (C10)	4.130	5458221	37.379 ug/ml
3) T A~Naphthalene (C11.7)	5.678	6293955	40.293 ug/ml
4) T n-Dodecane (C12)	6.124	5836432	38.746 ug/ml
5) T A~2-methylnaphthalene...	6.725	6311792	40.577 ug/ml
6) T n-Tetradecane (C14)	7.902	6161173	40.448 ug/ml
7) T n-Hexadecane (C16)	9.488	6523418	42.307 ug/ml
8) T n-Octadecane (C18)	10.919	6845385	43.448 ug/ml
10) T n-Eicosane (C20)	12.218	6476325	40.939 ug/ml
11) T n-Heneicosane (C21)	12.825	6340604	39.595 ug/ml
13) T n-Docosane (C22)	13.408	6187236	38.524 ug/ml
14) T n-Tetracosane (C24)	14.503	6505084	40.243 ug/ml
15) T n-Hexacosane (C26)	15.519	5776786	35.767 ug/ml
16) T n-Octacosane (C28)	16.461	5612919	34.869 ug/ml
17) T n-Tricontane (C30)	17.344	5389610	34.200 ug/mlm
18) T n-Dotriacontane (C32)	18.169	5440863	36.665 ug/mlm
19) T n-Tetratriacontane (C34)	18.950	5136452	38.336 ug/mlm
20) T n-Hexatriacontane (C36)	19.686	5040670	42.096 ug/ml
21) T n-Octatriacontane (C38)	20.383	5016215	45.322 ug/ml
22) T n-Tetracontane (C40)	21.158	5064674	47.042 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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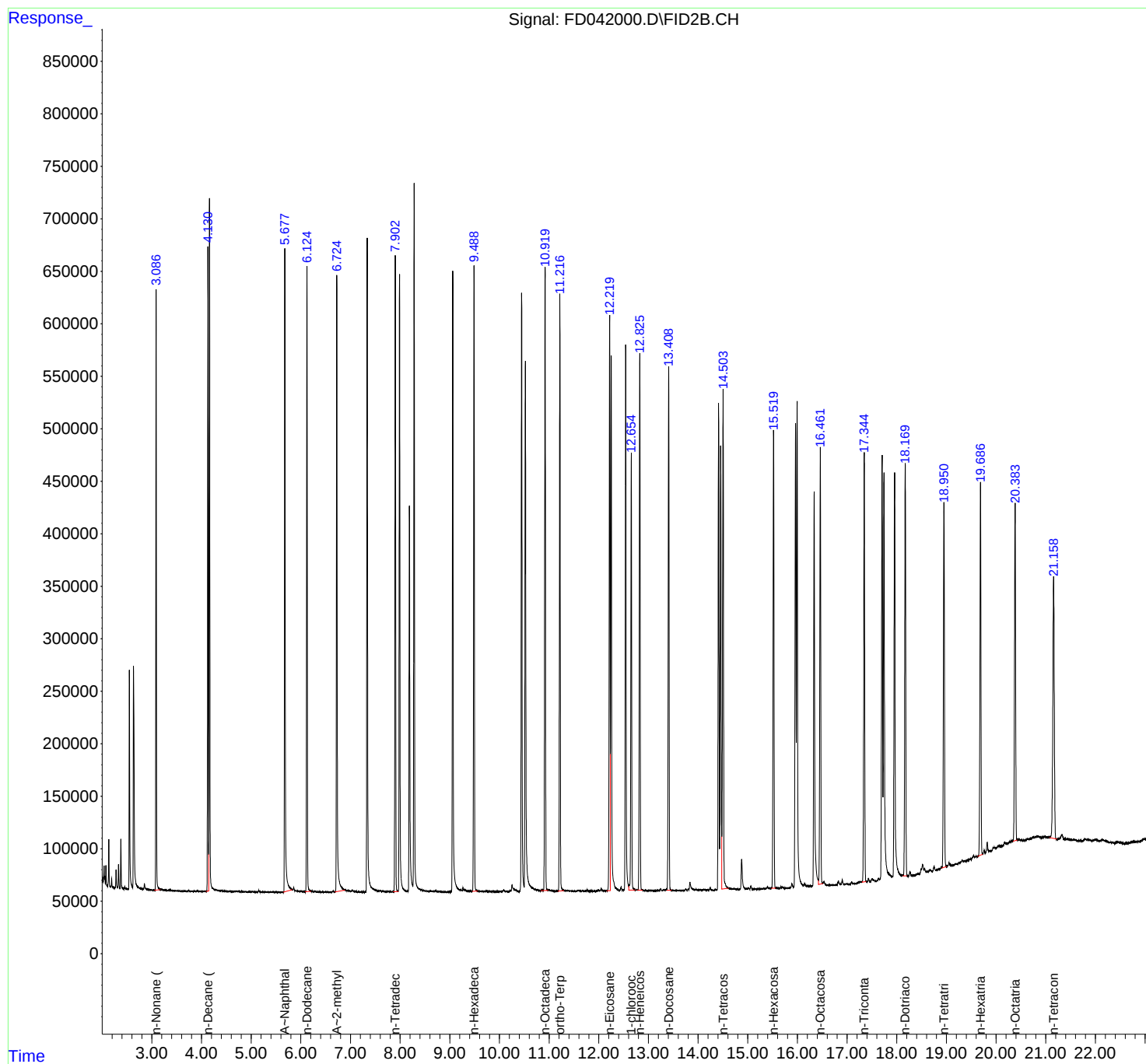
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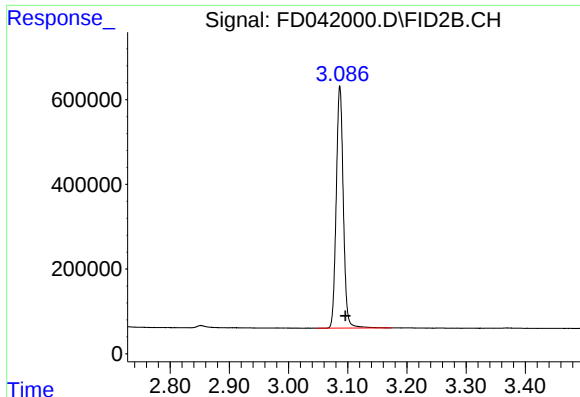
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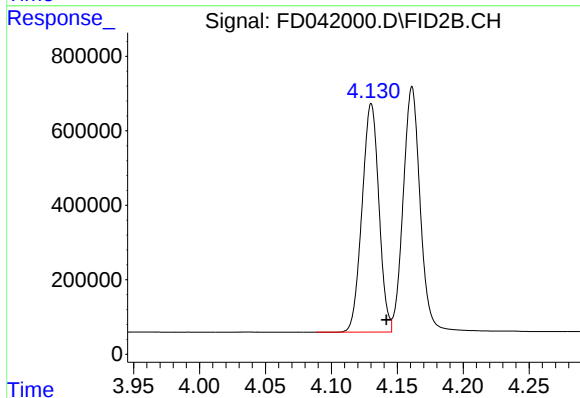
#1 n-Nonane (C9)

R.T.: 3.087 min
Delta R.T.: -0.009 min
Response: 4746355
Conc: 32.27 ug/ml

Instrument :
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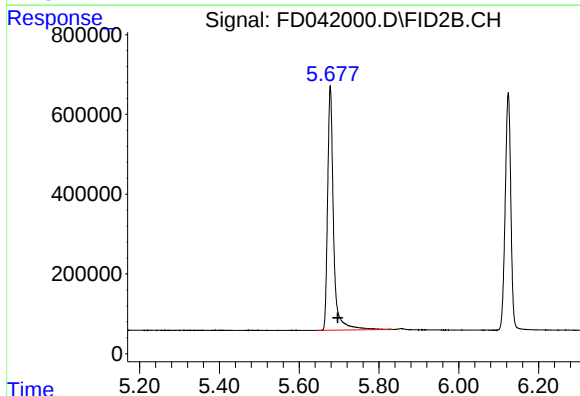
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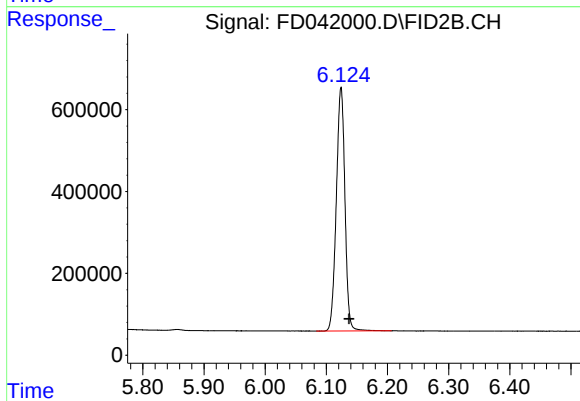
#2 n-Decane (C10)

R.T.: 4.130 min
Delta R.T.: -0.011 min
Response: 5458221
Conc: 37.38 ug/ml



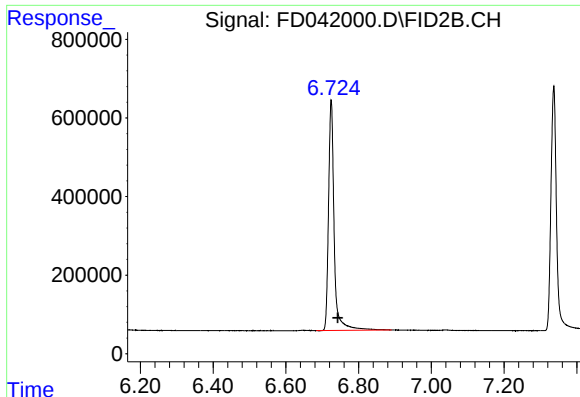
#3 A~Naphthalene (C11.7)

R.T.: 5.678 min
Delta R.T.: -0.019 min
Response: 6293955
Conc: 40.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.124 min
Delta R.T.: -0.013 min
Response: 5836432
Conc: 38.75 ug/ml



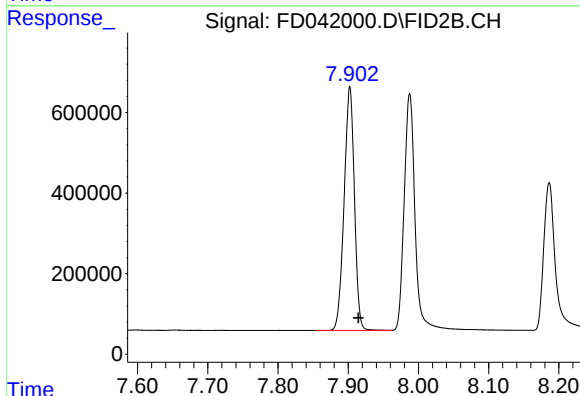
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.018 min
Response: 6311792
Conc: 40.58 ug/ml

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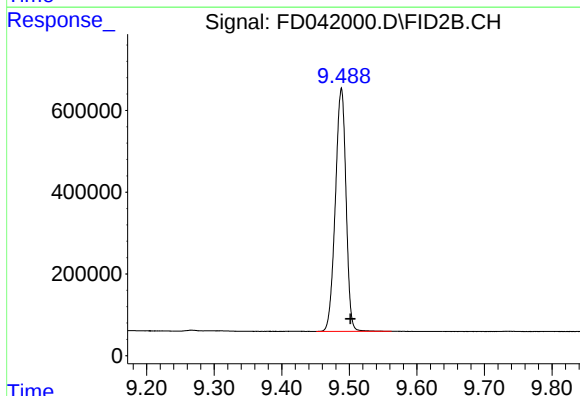
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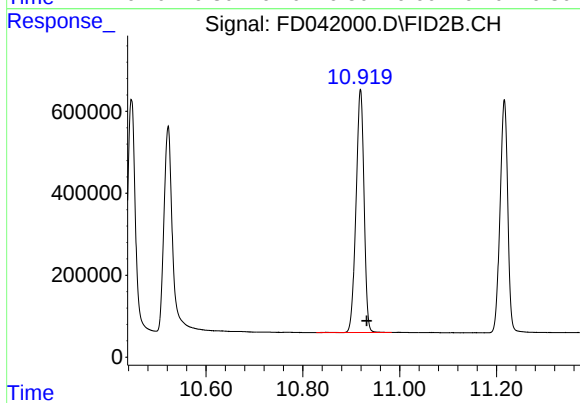
#6 n-Tetradecane (C14)

R.T.: 7.902 min
Delta R.T.: -0.012 min
Response: 6161173
Conc: 40.45 ug/ml



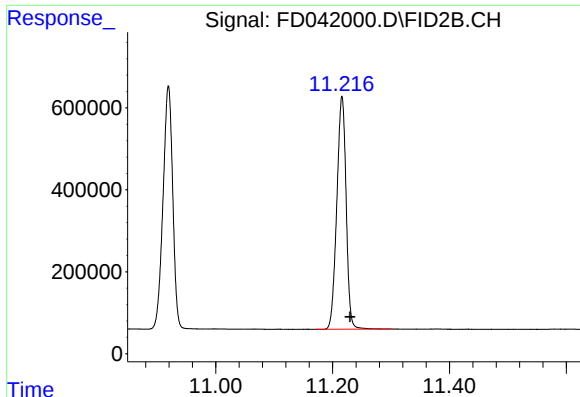
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.013 min
Response: 6523418
Conc: 42.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.919 min
Delta R.T.: -0.013 min
Response: 6845385
Conc: 43.45 ug/ml



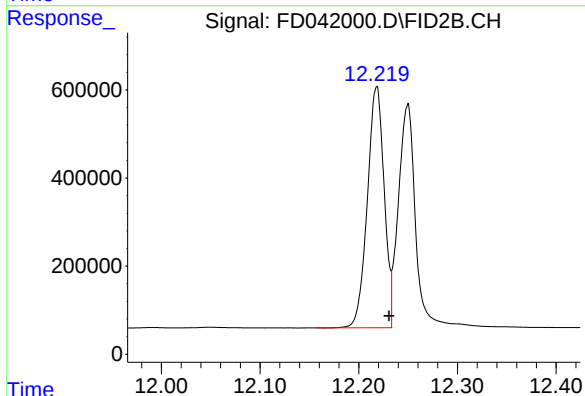
#9 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.014 min
Response: 6301210
Conc: 35.53 ug/ml

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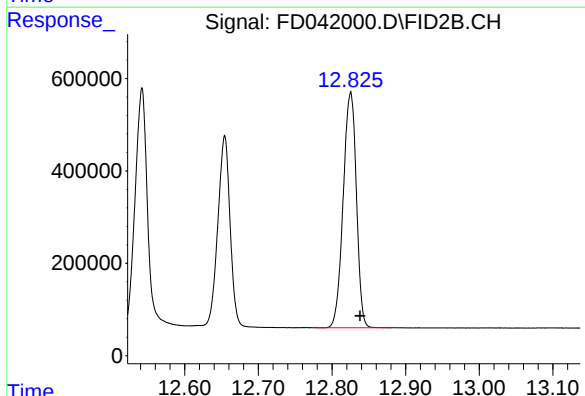
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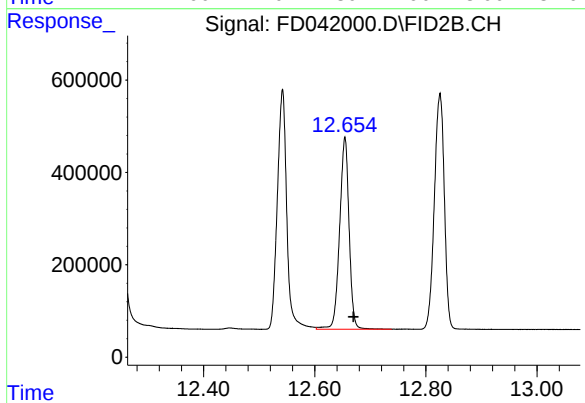
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: -0.013 min
Response: 6476325
Conc: 40.94 ug/ml



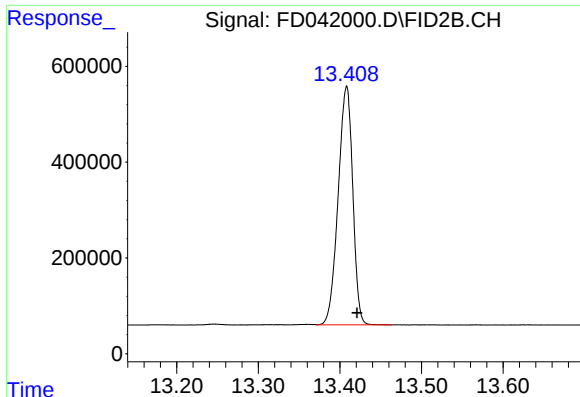
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 6340604
Conc: 39.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.654 min
Delta R.T.: -0.015 min
Response: 4919096
Conc: 35.52 ug/ml



#13 n-Docosane (C22)

R.T.: 13.408 min
Delta R.T.: -0.013 min
Response: 6187236
Conc: 38.52 ug/ml

Instrument :

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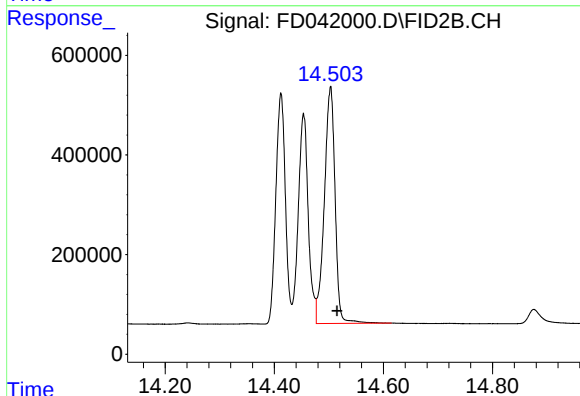
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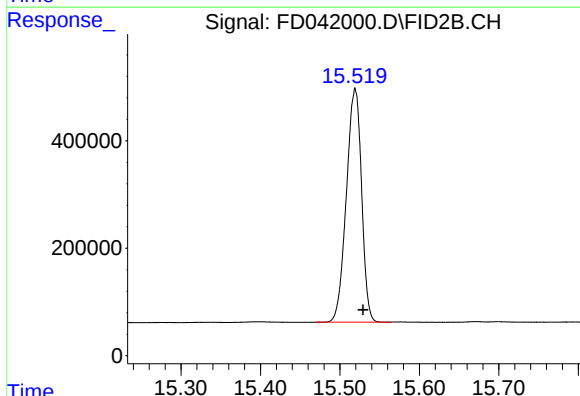
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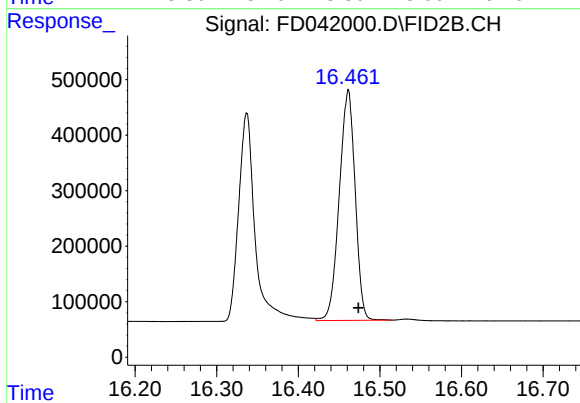
#14 n-Tetracosane (C24)

R.T.: 14.503 min
Delta R.T.: -0.012 min
Response: 6505084
Conc: 40.24 ug/ml



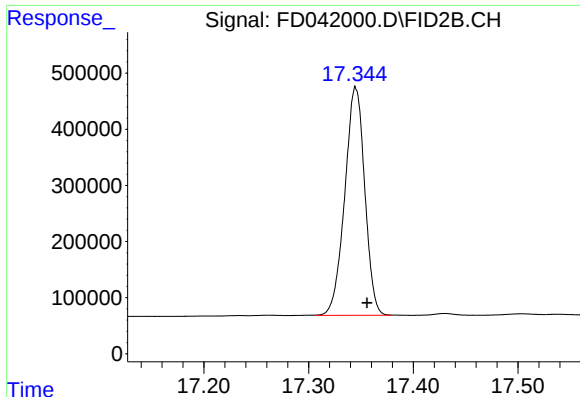
#15 n-Hexacosane (C26)

R.T.: 15.519 min
Delta R.T.: -0.010 min
Response: 5776786
Conc: 35.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.461 min
Delta R.T.: -0.012 min
Response: 5612919
Conc: 34.87 ug/ml



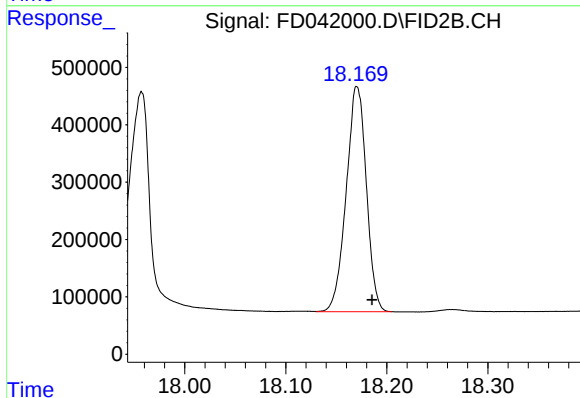
#17 n-Tricontane (C30)

R.T.: 17.344 min
Delta R.T.: -0.012 min
Response: 5389610
Conc: 34.20 ug/ml

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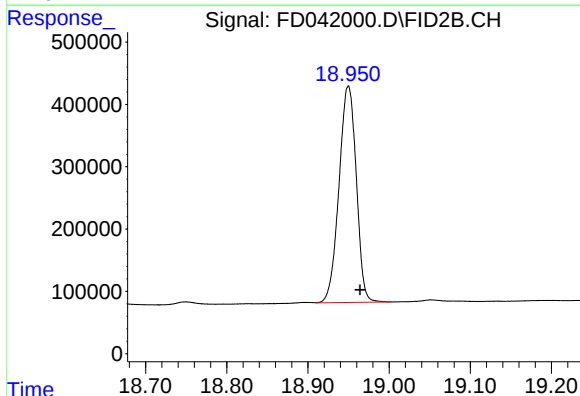
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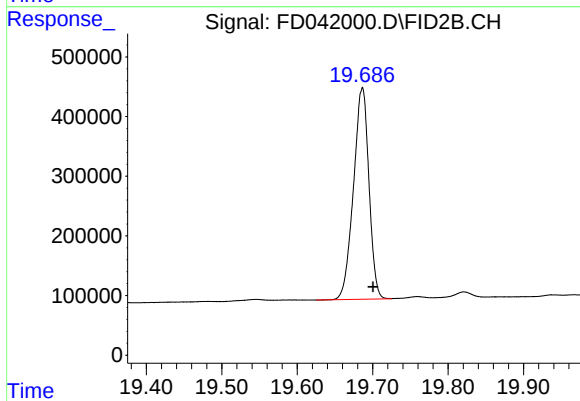
#18 n-Dotriacontane (C32)

R.T.: 18.169 min
Delta R.T.: -0.016 min
Response: 5440863
Conc: 36.67 ug/ml m



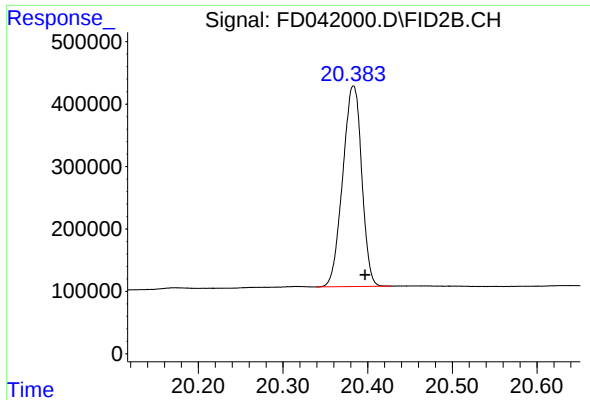
#19 n-Tetratriacontane (C34)

R.T.: 18.950 min
Delta R.T.: -0.014 min
Response: 5136452
Conc: 38.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.686 min
Delta R.T.: -0.014 min
Response: 5040670
Conc: 42.10 ug/ml



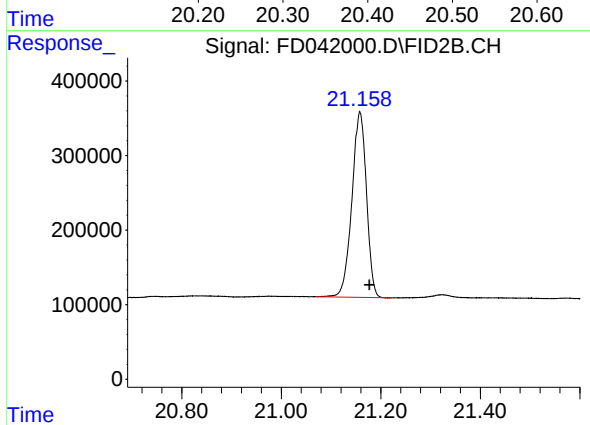
#21 n-Octatriacontane (C38)

R.T.: 20.383 min
Delta R.T.: -0.014 min
Response: 5016215
Conc: 45.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.158 min
Delta R.T.: -0.019 min
Response: 5064674
Conc: 47.04 ug/ml