

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051022AL\
 Data File : FD042406.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2022 4:23
 Operator : UA/NP
 Sample : PB144710BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144710BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/11/2022

Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E

Quant Time: May 11 04:49:18 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)	11.212	6988746	41.672 ug/ml
Spiked Amount 50.000		Recovery =	83.34%
12) S 1-chlorooctadecane (S...	12.650	5616934	42.566 ug/ml
Spiked Amount 50.000		Recovery =	85.13%
Target Compounds			
1) T n-Nonane (C9)	3.104	6260796	45.933 ug/ml
2) T n-Decane (C10)	4.138	6771731	50.530 ug/ml
3) T A~Naphthalene (C11.7)	5.681	7813821	53.906 ug/ml
4) T n-Dodecane (C12)	6.124	7116834	49.990 ug/ml
5) T A~2-methylnaphthalene...	6.725	7545541	54.147 ug/ml
6) T n-Tetradecane (C14)	7.900	7185071	50.441 ug/ml
7) T n-Hexadecane (C16)	9.484	7198601	49.537 ug/ml
8) T n-Octadecane (C18)	10.914	7369903	49.174 ug/ml
10) T n-Eicosane (C20)	12.214	6959818	45.470 ug/ml
11) T n-Heneicosane (C21)	12.821	6855817	44.470 ug/ml
13) T n-Docosane (C22)	13.402	6730120	43.661 ug/ml
14) T n-Tetracosane (C24)	14.498	7211268	46.628 ug/ml
15) T n-Hexacosane (C26)	15.514	6438033	41.855 ug/ml
16) T n-Octacosane (C28)	16.456	6406396	41.902 ug/ml
17) T n-Tricontane (C30)	17.340	6158924	41.060 ug/ml
18) T n-Dotriacontane (C32)	18.166	6147705	43.478 ug/ml
19) T n-Tetratriacontane (C34)	18.944	5523305	42.919 ug/ml
20) T n-Hexatriacontane (C36)	19.679	5061010	44.724 ug/mlm
21) T n-Octatriacontane (C38)	20.375	4673957	46.844 ug/mlm
22) T n-Tetracontane (C40)	21.150	4316648	47.857 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB144710BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

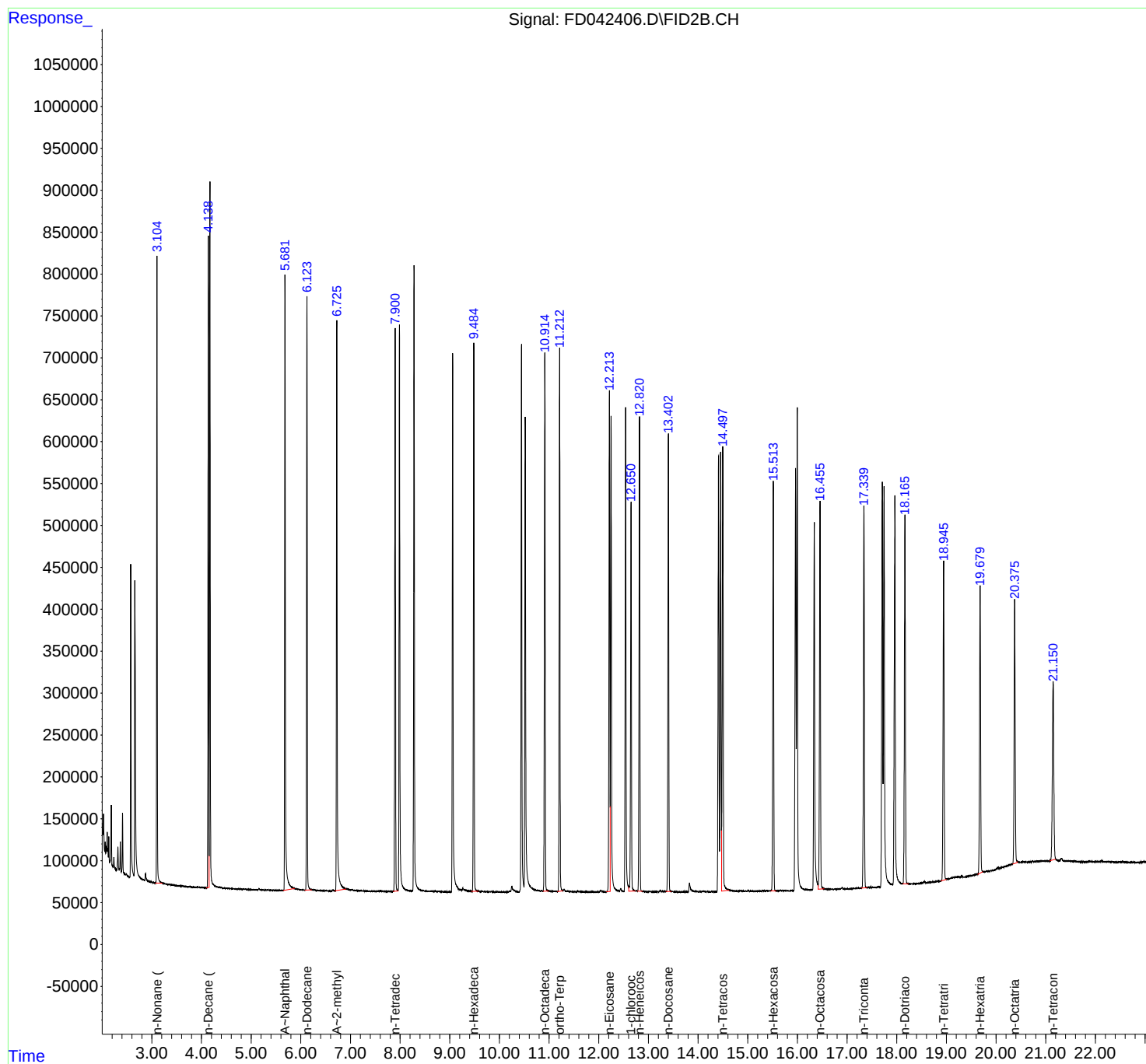
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FID_D
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PB144710BS

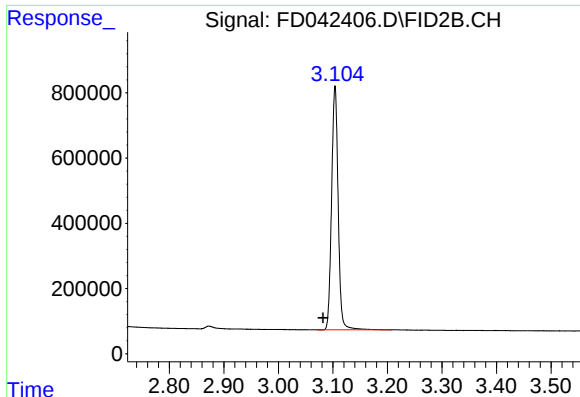
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: 0.022 min
Response: 6260796
Conc: 45.93 ug/ml

Instrument :

FID_D

ClientSampleId :

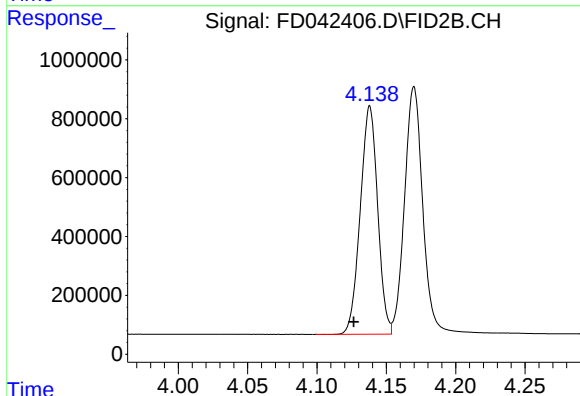
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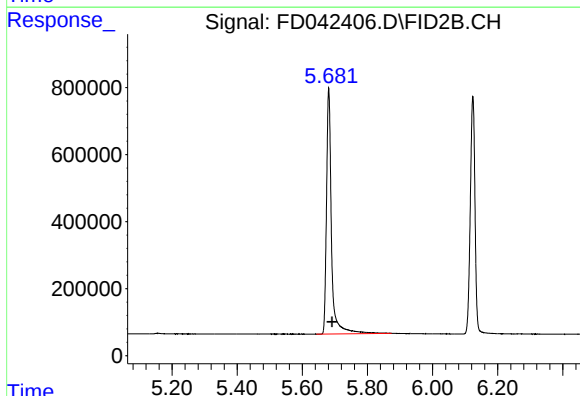
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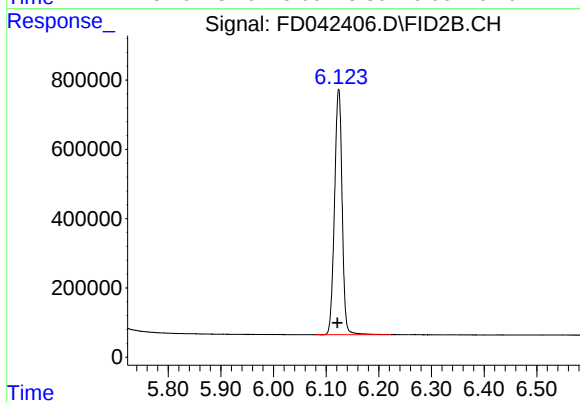
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: 0.012 min
Response: 6771731
Conc: 50.53 ug/ml



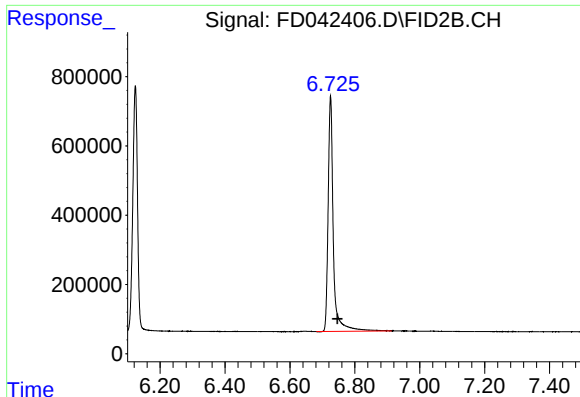
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 7813821
Conc: 53.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.124 min
Delta R.T.: 0.003 min
Response: 7116834
Conc: 49.99 ug/ml



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

R.T.: 6.725 min
Delta R.T.: -0.021 min
Response: 7545541
Conc: 54.15 ug/ml

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FID_D

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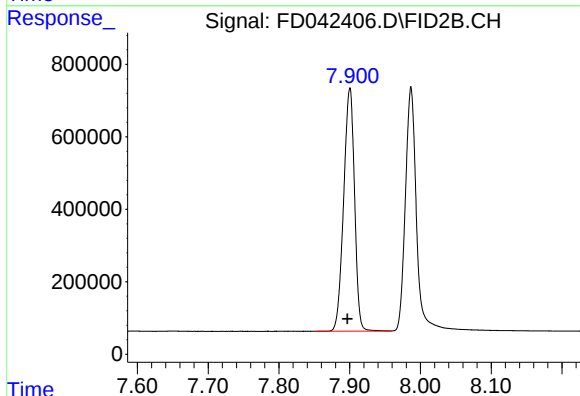
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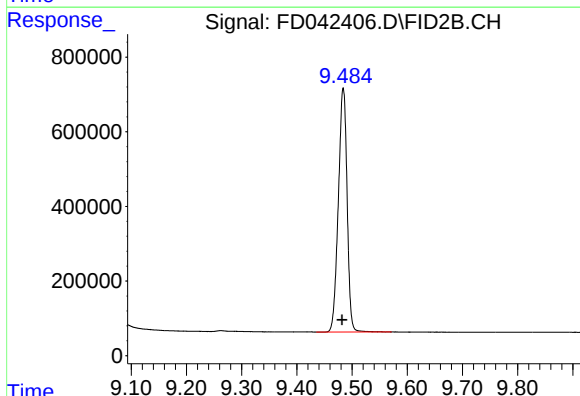
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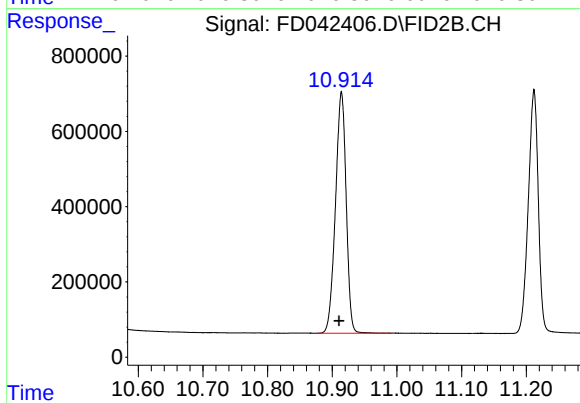
#6 n-Tetradecane (C14)

R.T.: 7.900 min
Delta R.T.: 0.003 min
Response: 7185071
Conc: 50.44 ug/ml



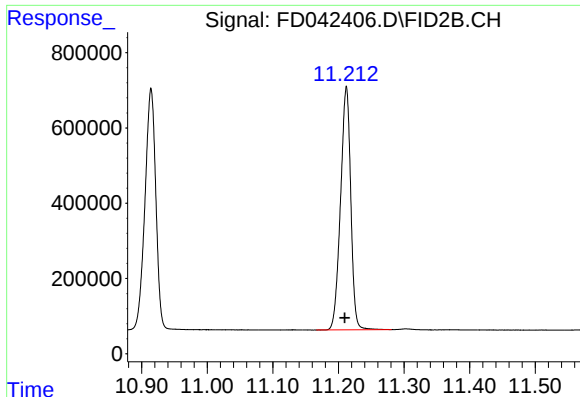
#7 n-Hexadecane (C16)

R.T.: 9.484 min
Delta R.T.: 0.002 min
Response: 7198601
Conc: 49.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.914 min
Delta R.T.: 0.004 min
Response: 7369903
Conc: 49.17 ug/ml



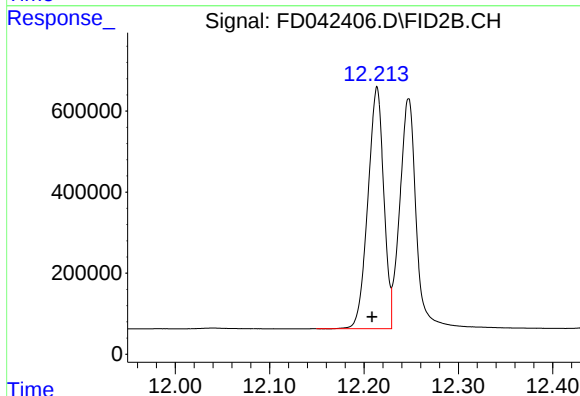
#9 ortho-Terphenyl (SURR)

R.T.: 11.212 min
Delta R.T.: 0.003 min
Response: 6988746
Conc: 41.67 ug/ml

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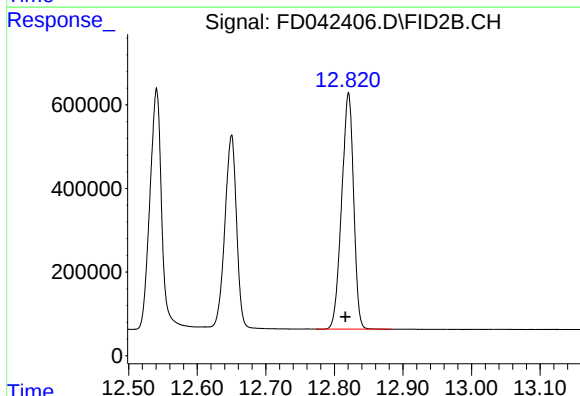
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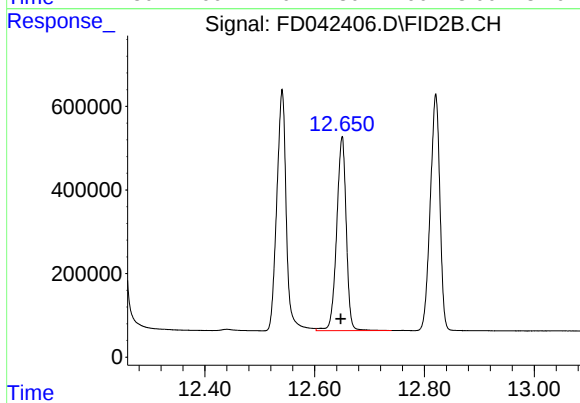
#10 n-Eicosane (C20)

R.T.: 12.214 min
Delta R.T.: 0.005 min
Response: 6959818
Conc: 45.47 ug/ml



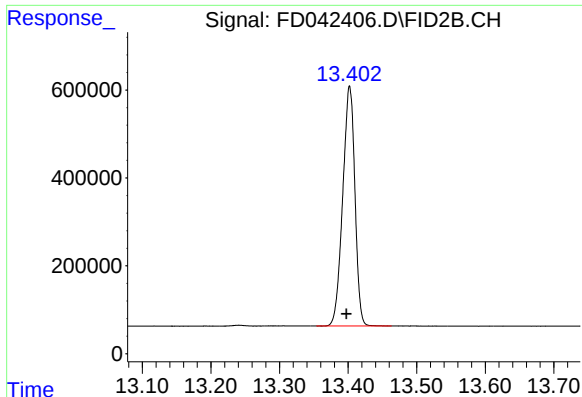
#11 n-Heneicosane (C21)

R.T.: 12.821 min
Delta R.T.: 0.004 min
Response: 6855817
Conc: 44.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 5616934
Conc: 42.57 ug/ml



#13 n-Docosane (C22)

R.T.: 13.402 min
Delta R.T.: 0.005 min
Response: 6730120
Conc: 43.66 ug/ml

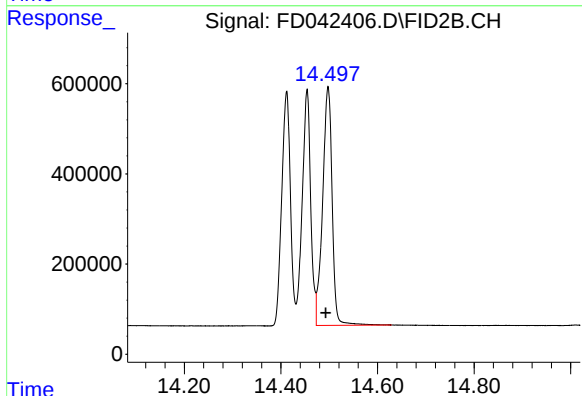
Instrument :

FID_D

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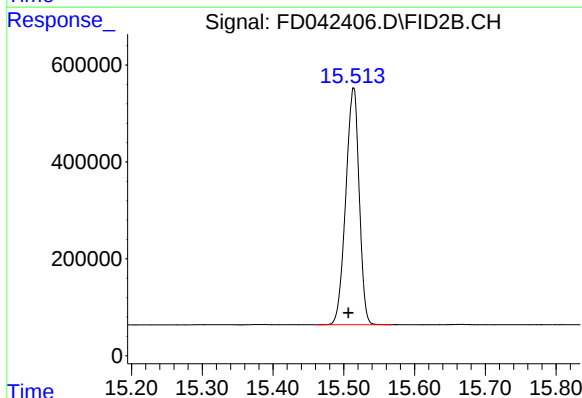
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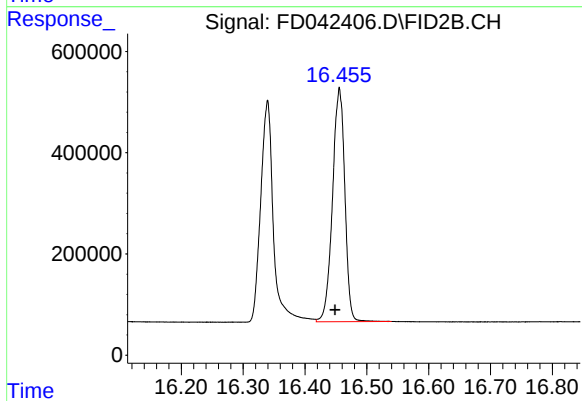
#14 n-Tetracosane (C24)

R.T.: 14.498 min
Delta R.T.: 0.005 min
Response: 7211268
Conc: 46.63 ug/ml



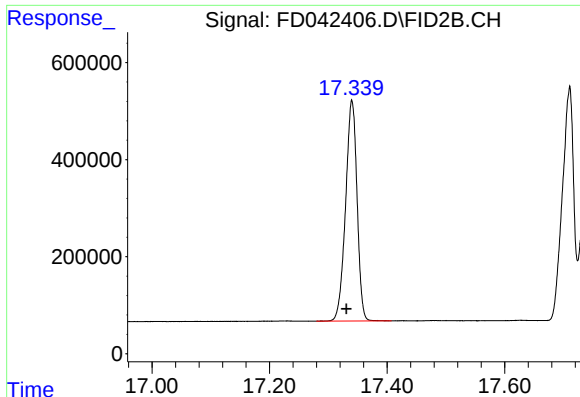
#15 n-Hexacosane (C26)

R.T.: 15.514 min
Delta R.T.: 0.008 min
Response: 6438033
Conc: 41.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.456 min
Delta R.T.: 0.007 min
Response: 6406396
Conc: 41.90 ug/ml



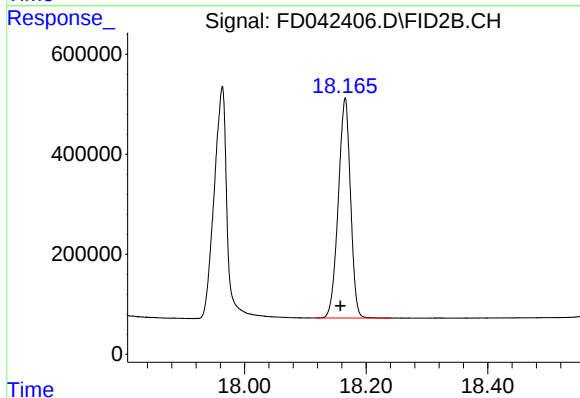
#17 n-Tricontane (C30)

R.T.: 17.340 min
Delta R.T.: 0.009 min
Response: 6158924
Conc: 41.06 ug/ml

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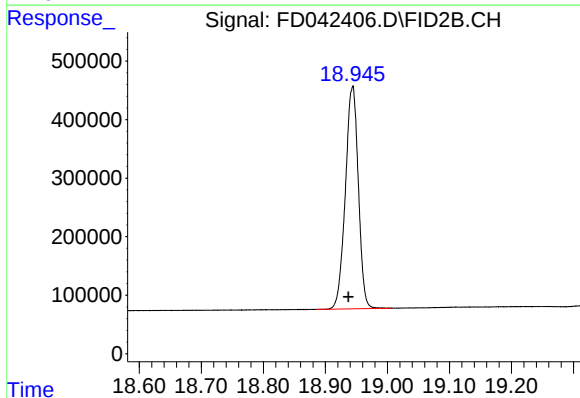
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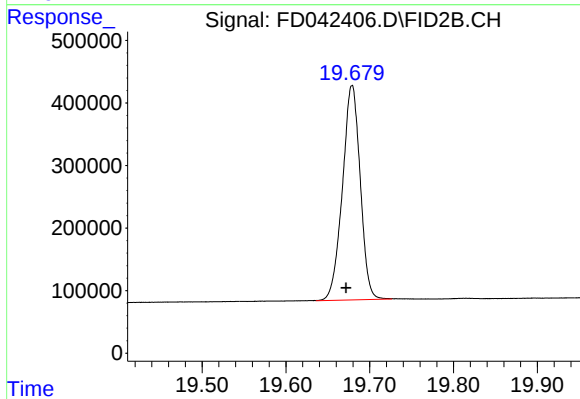
#18 n-Dotriacontane (C32)

R.T.: 18.166 min
Delta R.T.: 0.008 min
Response: 6147705
Conc: 43.48 ug/ml



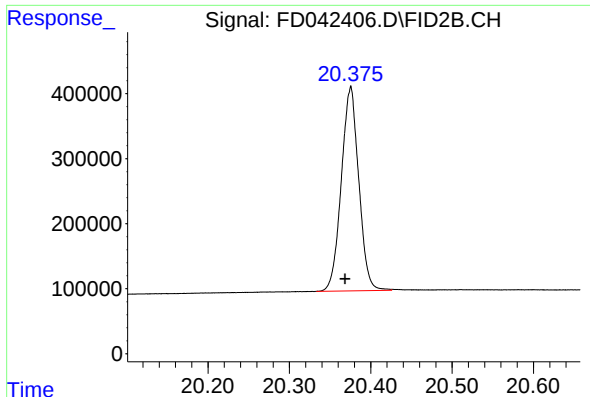
#19 n-Tetratriacontane (C34)

R.T.: 18.944 min
Delta R.T.: 0.007 min
Response: 5523305
Conc: 42.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.679 min
Delta R.T.: 0.007 min
Response: 5061010
Conc: 44.72 ug/ml m



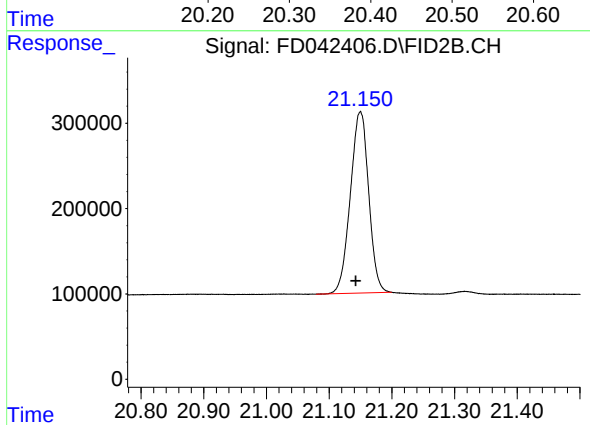
#21 n-Octatriacontane (C38)

R.T.: 20.375 min
Delta R.T.: 0.007 min
Response: 4673957
Conc: 46.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.150 min
Delta R.T.: 0.008 min
Response: 4316648
Conc: 47.86 ug/ml