

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AL\
 Data File : FD037849.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 14:33
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
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6/11/2021 2:29:02 PM

Integration File: autoint1.e
 Quant Time: Jun 11 05:03:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:03:11 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)	11.455	14118432	103.376 ug/ml
Spiked Amount 50.000		Recovery =	206.75%
12) S 1-chlorooctadecane (S...	12.887	11011727	102.129 ug/ml
Spiked Amount 50.000		Recovery =	204.26%
Target Compounds			
1) T n-Nonane (C9)	3.257	12159112	104.195 ug/ml
2) T n-Decane (C10)	4.315	12299695	104.561 ug/ml
3) T A~Naphthalene (C11.7)	5.888	13854253	106.192 ug/ml
4) T n-Dodecane (C12)	6.323	12403317	104.626 ug/ml
5) T A~2-methylnaphthalene...	6.941	13976080	106.644 ug/ml
6) T n-Tetradecane (C14)	8.112	12745637	105.724 ug/ml
7) T n-Hexadecane (C16)	9.707	12879067	103.867 ug/ml
8) T n-Octadecane (C18)	11.145	13181469	103.036 ug/ml
10) T n-Eicosane (C20)	12.446	12953639	101.829 ug/ml
11) T n-Heneicosane (C21)	13.056	13005914	101.471 ug/ml
13) T n-Docosane (C22)	13.639	12813099	101.302 ug/ml
14) T n-Tetracosane (C24)	14.737	12635460	100.601 ug/ml
15) T n-Hexacosane (C26)	15.753	12331859	101.292 ug/ml
16) T n-Octacosane (C28)	16.697	11925697	100.104 ug/mlm
17) T n-Tricontane (C30)	17.582	11313089	97.900 ug/ml
18) T n-Dotriacontane (C32)	18.409	10659174	95.883 ug/ml
19) T n-Tetratriacontane (C34)	19.188	10243033	98.242 ug/ml
20) T n-Hexatriacontane (C36)	19.923	9572831	98.538 ug/ml
21) T n-Octatriacontane (C38)	20.631	9023183	100.824 ug/ml
22) T n-Tetracontane (C40)	21.469	9050904	88.964 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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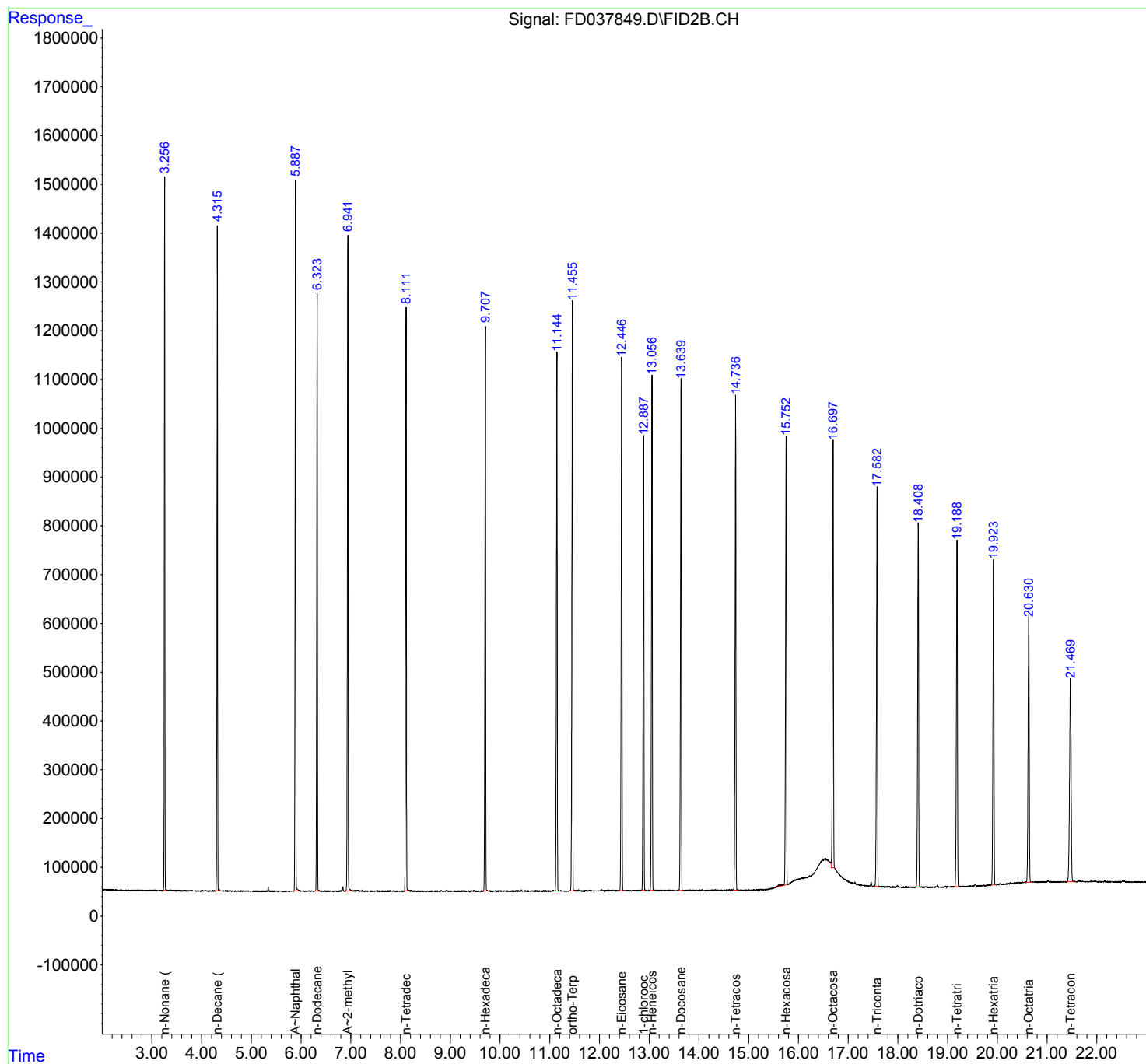
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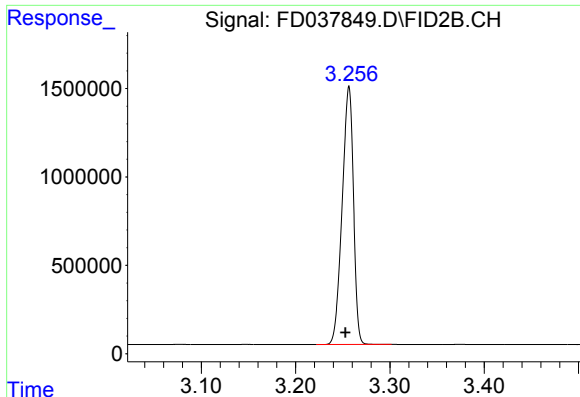
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#1 n-Nonane (C9)

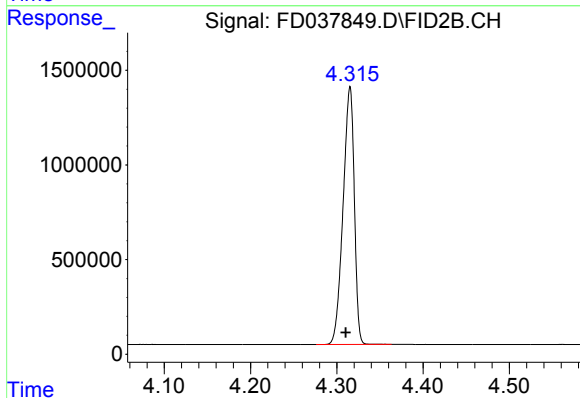
R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 12159112
Conc: 104.20 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1

Manual Integrations
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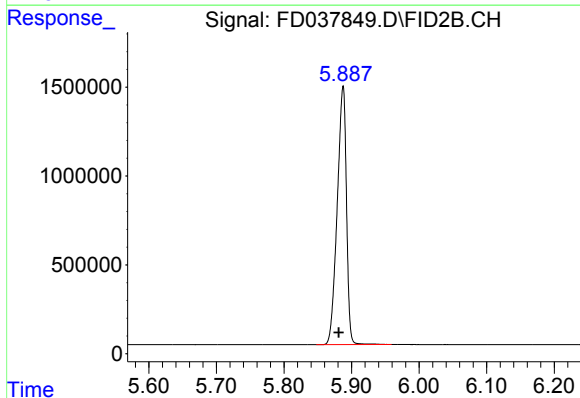
Ankita

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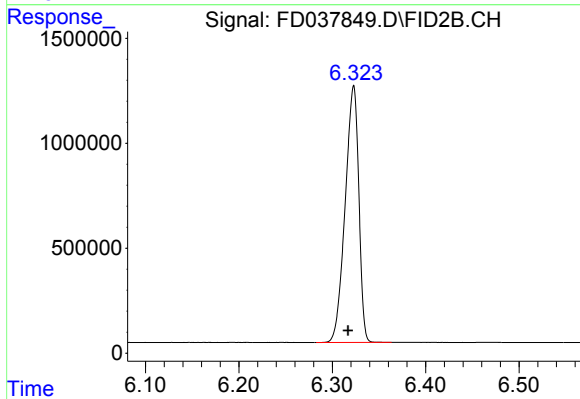
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: 0.005 min
Response: 12299695
Conc: 104.56 ug/ml



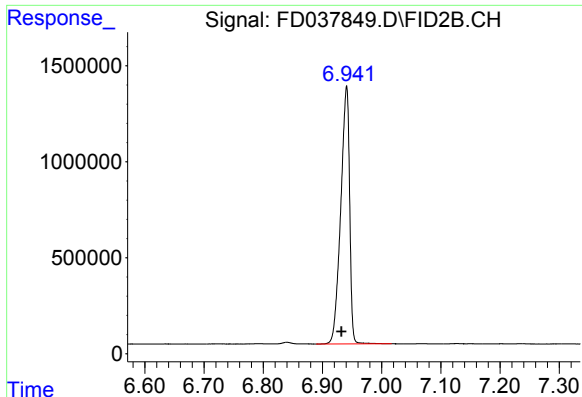
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.007 min
Response: 13854253
Conc: 106.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.323 min
Delta R.T.: 0.006 min
Response: 12403317
Conc: 104.63 ug/ml



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

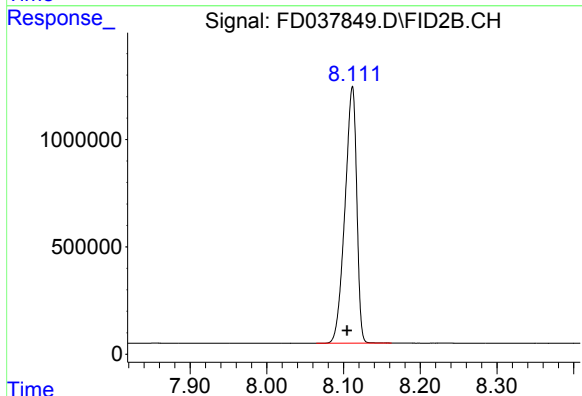
R.T.: 6.941 min
Delta R.T.: 0.009 min
Response: 13976080
Conc: 106.64 ug/ml

Instrument :
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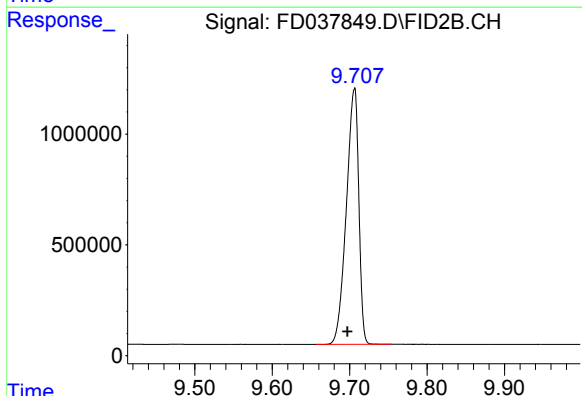
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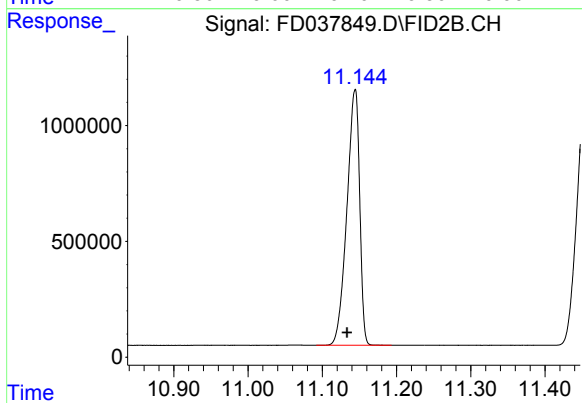
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: 0.007 min
Response: 12745637
Conc: 105.72 ug/ml



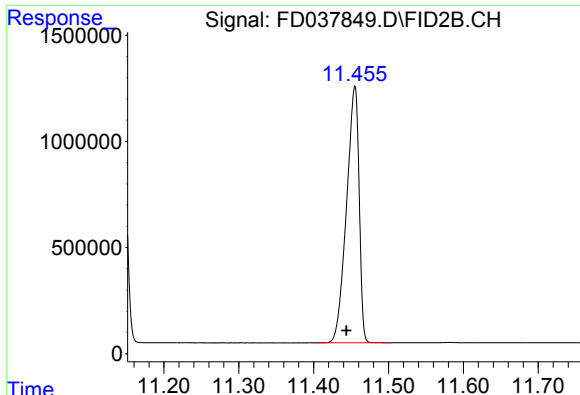
#7 n-Hexadecane (C16)

R.T.: 9.707 min
Delta R.T.: 0.009 min
Response: 12879067
Conc: 103.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.145 min
Delta R.T.: 0.011 min
Response: 13181469
Conc: 103.04 ug/ml



#9 ortho-Terphenyl (SURR)

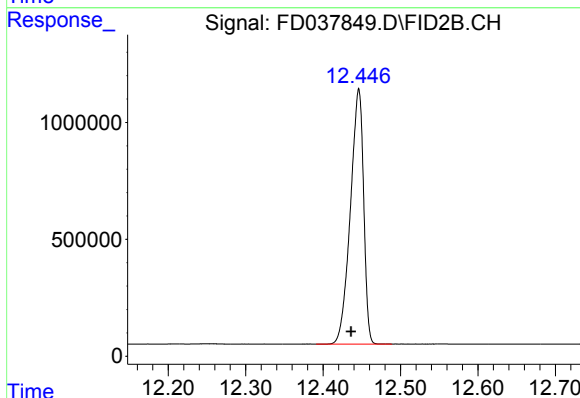
R.T.: 11.455 min
Delta R.T.: 0.012 min
Response: 14118432
Conc: 103.38 ug/ml

Instrument :
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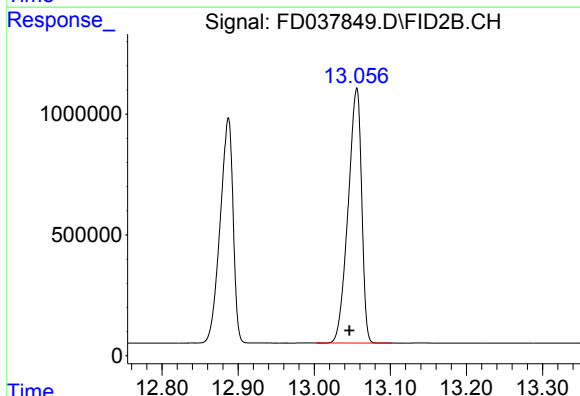
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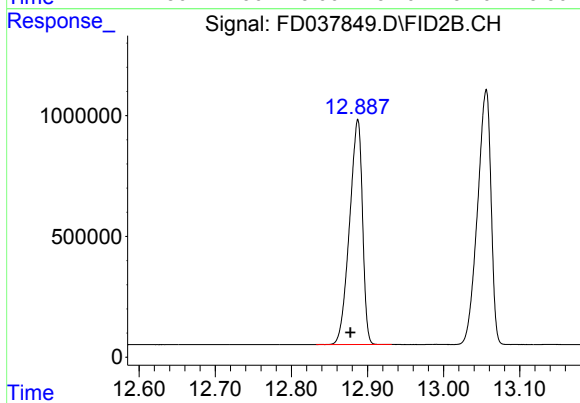
#10 n-Eicosane (C20)

R.T.: 12.446 min
Delta R.T.: 0.010 min
Response: 12953639
Conc: 101.83 ug/ml



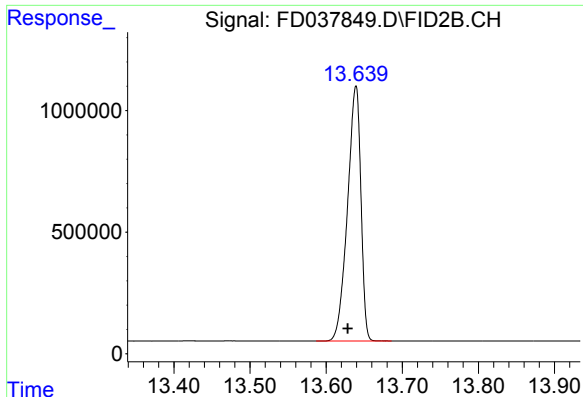
#11 n-Heneicosane (C21)

R.T.: 13.056 min
Delta R.T.: 0.010 min
Response: 13005914
Conc: 101.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.887 min
Delta R.T.: 0.010 min
Response: 11011727
Conc: 102.13 ug/ml



#13 n-Docosane (C22)

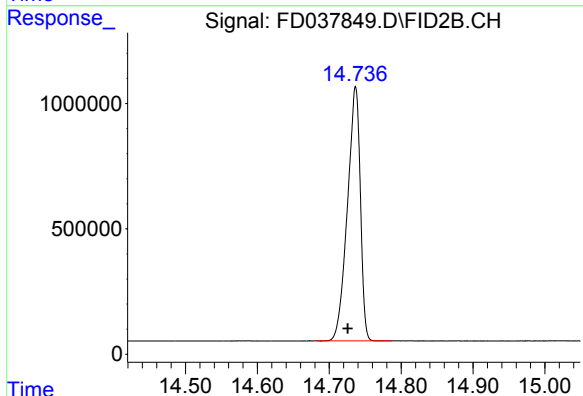
R.T.: 13.639 min
Delta R.T.: 0.011 min
Response: 12813099
Conc: 101.30 ug/ml

Instrument :
FID_D
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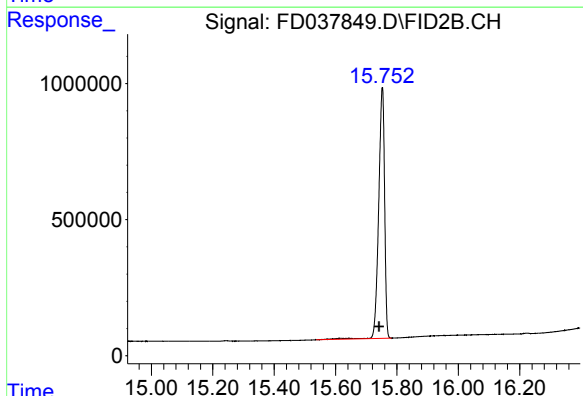
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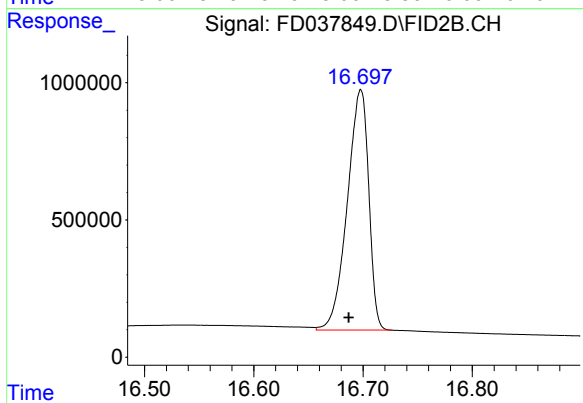
#14 n-Tetracosane (C24)

R.T.: 14.737 min
Delta R.T.: 0.011 min
Response: 12635460
Conc: 100.60 ug/ml



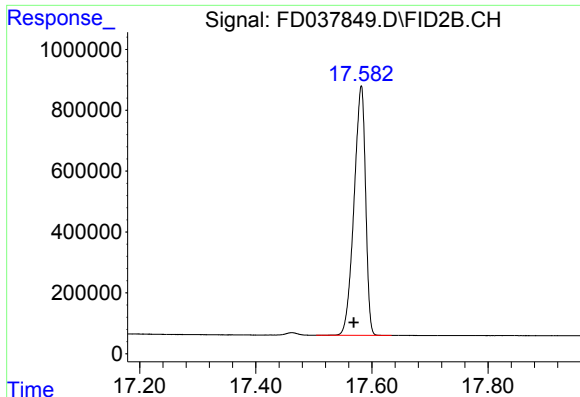
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: 0.011 min
Response: 12331859
Conc: 101.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: 0.011 min
Response: 11925697
Conc: 100.10 ug/ml m



#17 n-Tricontane (C30)

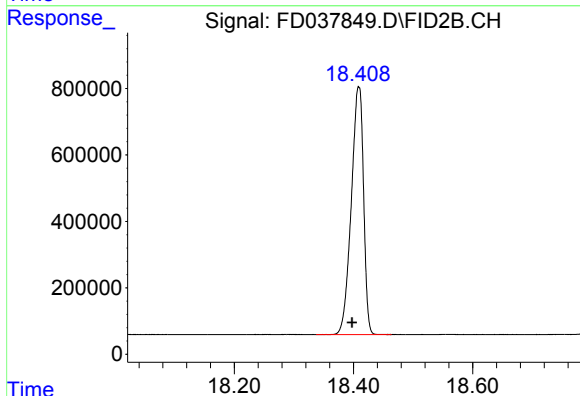
R.T.: 17.582 min
Delta R.T.: 0.013 min
Response: 11313089
Conc: 97.90 ug/ml

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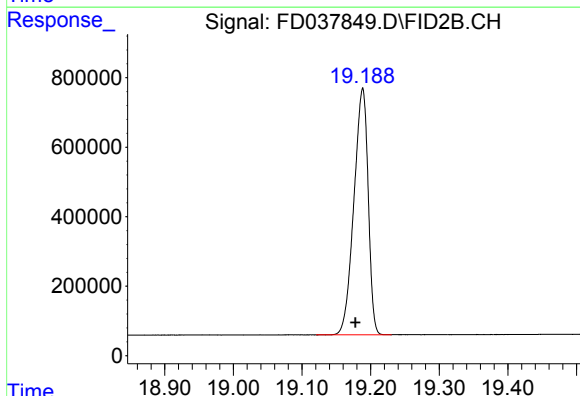
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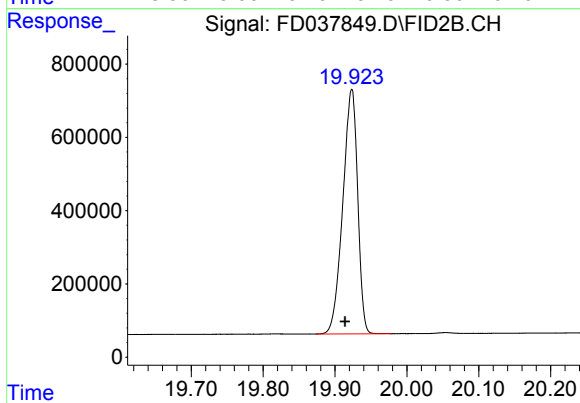
#18 n-Dotriacontane (C32)

R.T.: 18.409 min
Delta R.T.: 0.012 min
Response: 10659174
Conc: 95.88 ug/ml



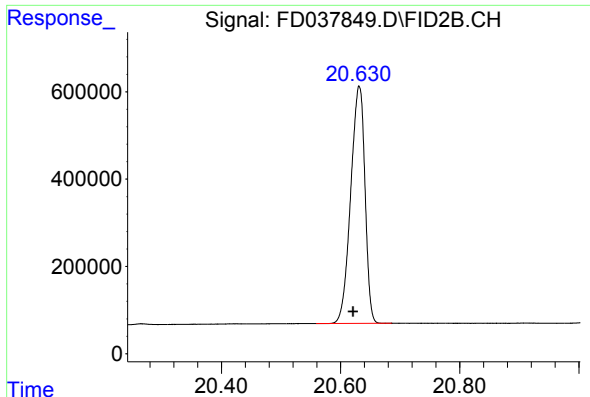
#19 n-Tetratriacontane (C34)

R.T.: 19.188 min
Delta R.T.: 0.011 min
Response: 10243033
Conc: 98.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.923 min
Delta R.T.: 0.009 min
Response: 9572831
Conc: 98.54 ug/ml



#21 n-Octatriacontane (C38)

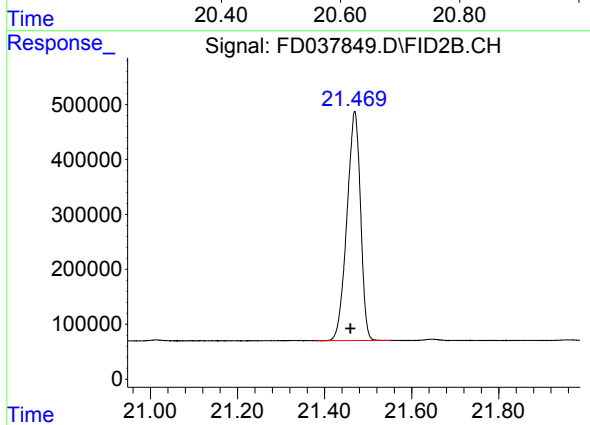
R.T.: 20.631 min
Delta R.T.: 0.010 min
Response: 9023183
Conc: 100.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.469 min
Delta R.T.: 0.010 min
Response: 9050904
Conc: 88.96 ug/ml