

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011222AL\
 Data File : FD040575.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2022 18:53
 Operator : AJ\MA
 Sample : N1106-05MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-E6-01-6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/13/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 13 01:20:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.626	7160373	46.439 ug/mlm
Spiked Amount 50.000		Recovery =	92.88%
12) S 1-chlorooctadecane (S...	12.062	5085411	43.204 ug/mlm
Spiked Amount 50.000		Recovery =	86.41%
Target Compounds			
1) T n-Nonane (C9)	2.596	7114968	55.420 ug/ml
2) T n-Decane (C10)	3.571	7543872	58.586 ug/ml
3) T A~Naphthalene (C11.7)	5.092	8720472	61.381 ug/ml
4) T n-Dodecane (C12)	5.529	7893595	61.758 ug/ml
5) T A~2-methylnaphthalene...	6.131	8401142	59.551 ug/mlm
6) T n-Tetradecane (C14)	7.307	7649471	59.051 ug/mlm
7) T n-Hexadecane (C16)	8.894	7923127	60.814 ug/mlm
8) T n-Octadecane (C18)	10.327	7958473	58.734 ug/mlm
10) T n-Eicosane (C20)	11.627	7456415	54.819 ug/mlm
11) T n-Heneicosane (C21)	12.232	7196387	51.969 ug/mlm
13) T n-Docosane (C22)	12.816	7017128	50.890 ug/ml
14) T n-Tetracosane (C24)	13.911	6805343	48.670 ug/ml
15) T n-Hexacosane (C26)	14.928	6532515	47.390 ug/ml
16) T n-Octacosane (C28)	15.870	6326597	46.627 ug/ml
17) T n-Tricontane (C30)	16.755	6318489	48.478 ug/ml
18) T n-Dotriacontane (C32)	17.581	6097302	51.004 ug/ml
19) T n-Tetratriacontane (C34)	18.361	5583309	53.027 ug/ml
20) T n-Hexatriacontane (C36)	19.096	4775303	47.126 ug/ml
21) T n-Octatriacontane (C38)	19.796	4343388	48.614 ug/ml
22) T n-Tetracontane (C40)	20.595	4465120	52.235 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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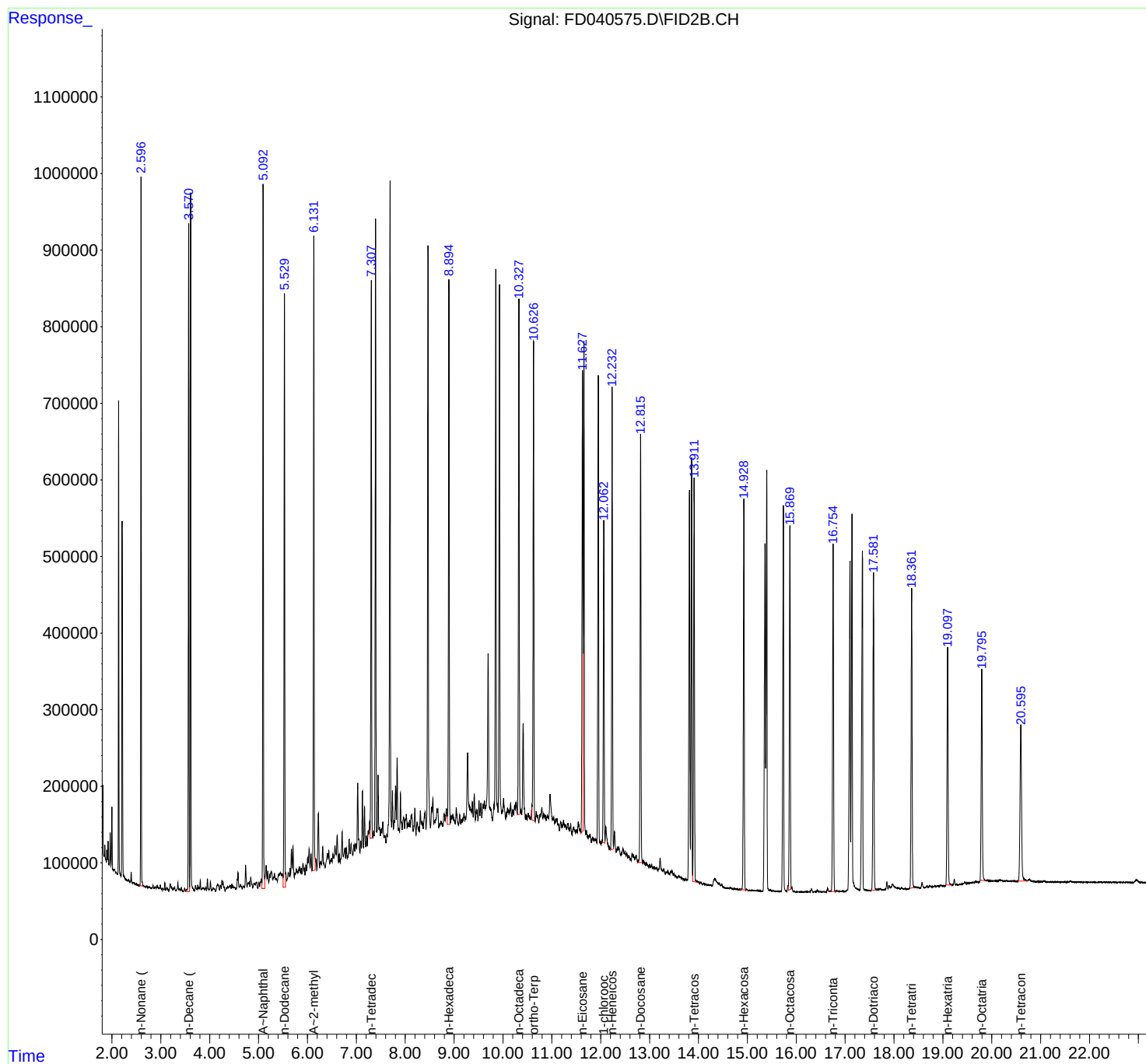
Instrument :
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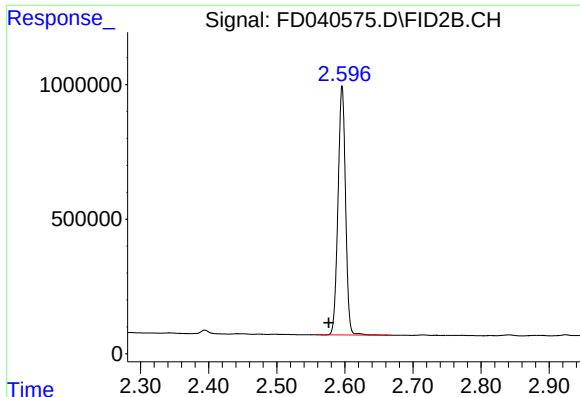
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#1 n-Nonane (C9)

R.T.: 2.596 min
Delta R.T.: 0.020 min
Response: 7114968
Conc: 55.42 ug/ml

Instrument :

FID_D

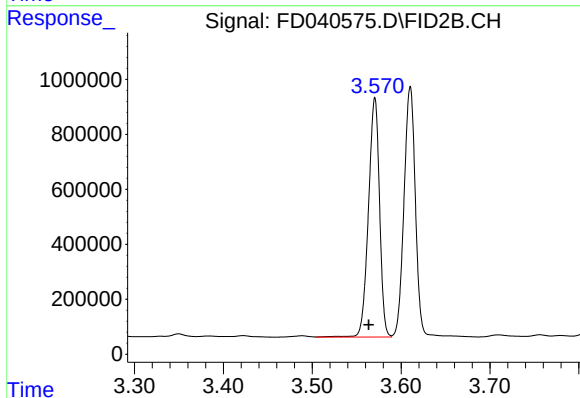
ClientSampleId :

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Manual Integrations

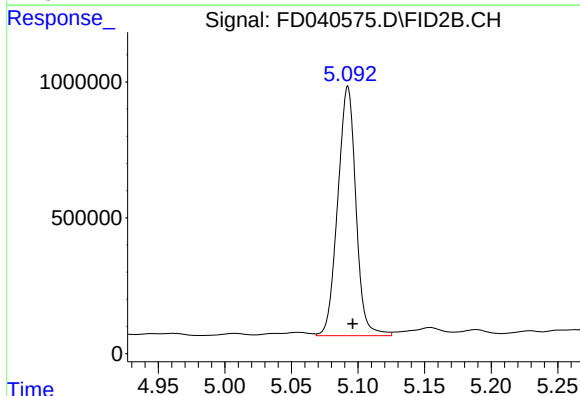
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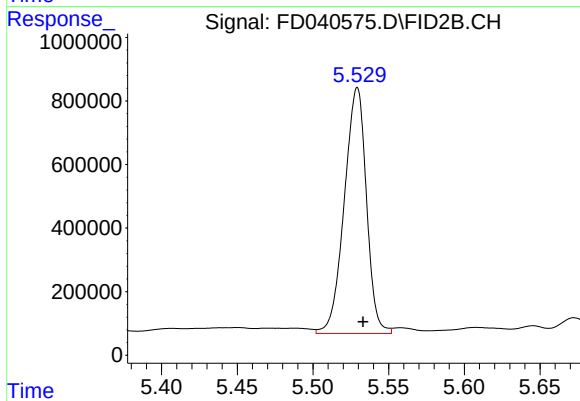
#2 n-Decane (C10)

R.T.: 3.571 min
Delta R.T.: 0.007 min
Response: 7543872
Conc: 58.59 ug/ml



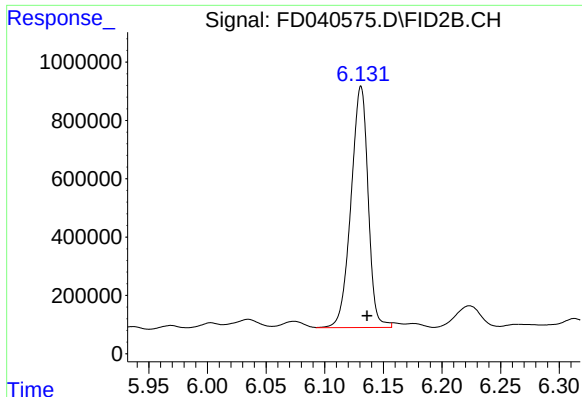
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 8720472
Conc: 61.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 7893595
Conc: 61.76 ug/ml



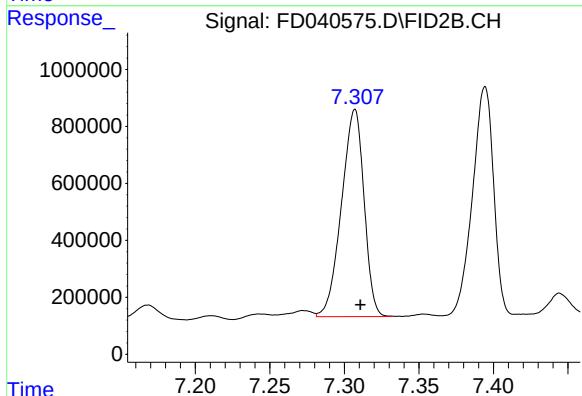
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.131 min
Delta R.T.: -0.006 min
Response: 8401142
Conc: 59.55 ug/ml

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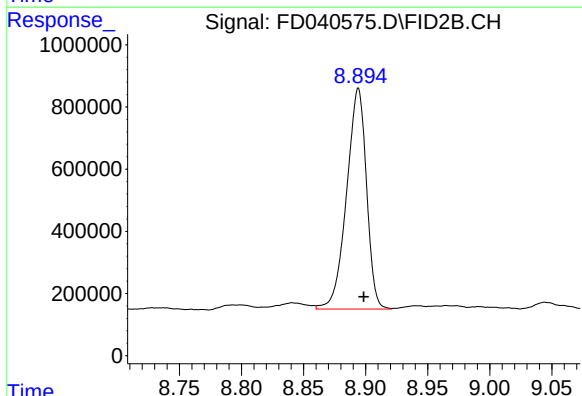
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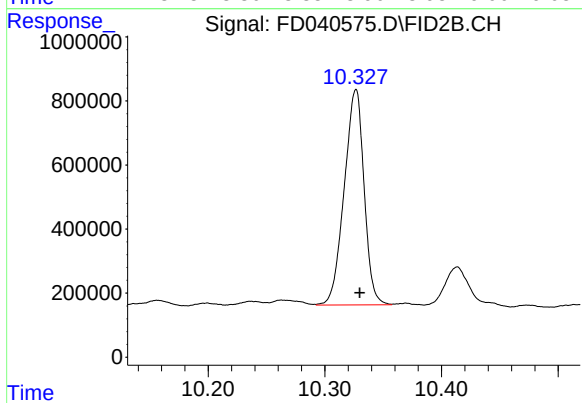
#6 n-Tetradecane (C14)

R.T.: 7.307 min
Delta R.T.: -0.004 min
Response: 7649471
Conc: 59.05 ug/ml m



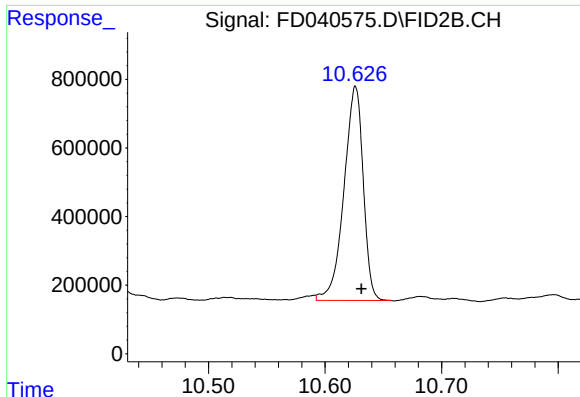
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.005 min
Response: 7923127
Conc: 60.81 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 7958473
Conc: 58.73 ug/ml m



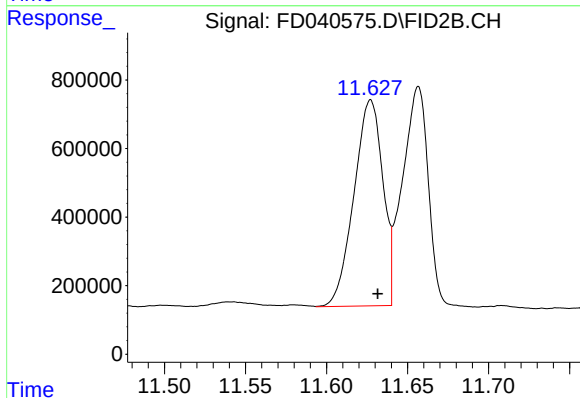
#9 ortho-Terphenyl (SURR)

R.T.: 10.626 min
Delta R.T.: -0.005 min
Response: 7160373
Conc: 46.44 ug/ml

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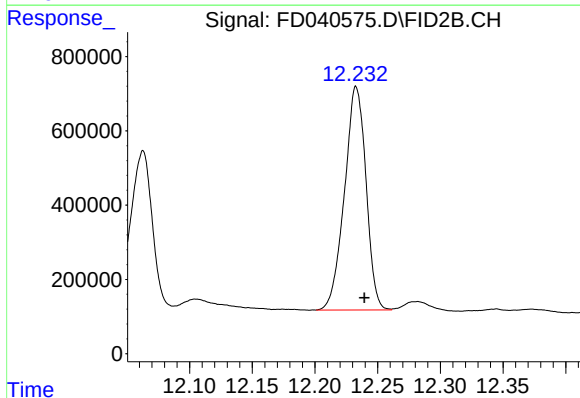
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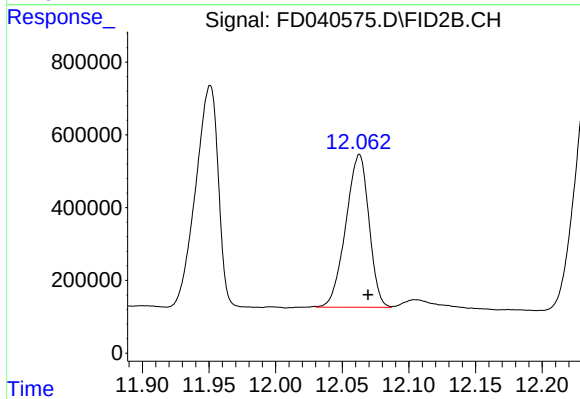
#10 n-Eicosane (C20)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 7456415
Conc: 54.82 ug/ml m



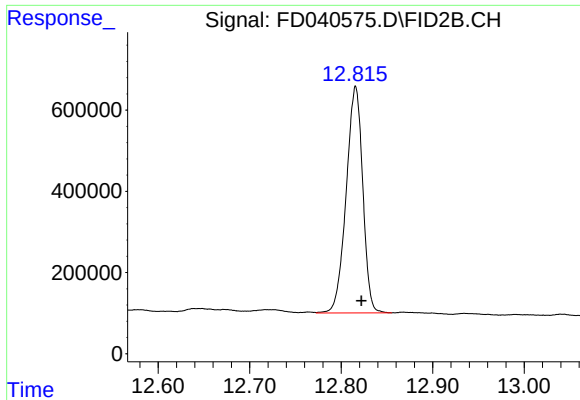
#11 n-Heneicosane (C21)

R.T.: 12.232 min
Delta R.T.: -0.007 min
Response: 7196387
Conc: 51.97 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.062 min
Delta R.T.: -0.007 min
Response: 5085411
Conc: 43.20 ug/ml m



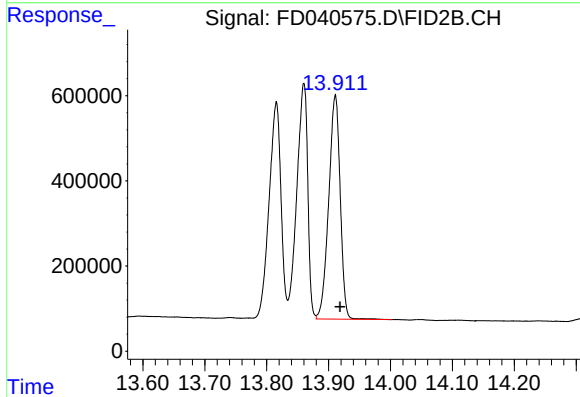
#13 n-Docosane (C22)

R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 7017128
Conc: 50.89 ug/ml

Instrument :
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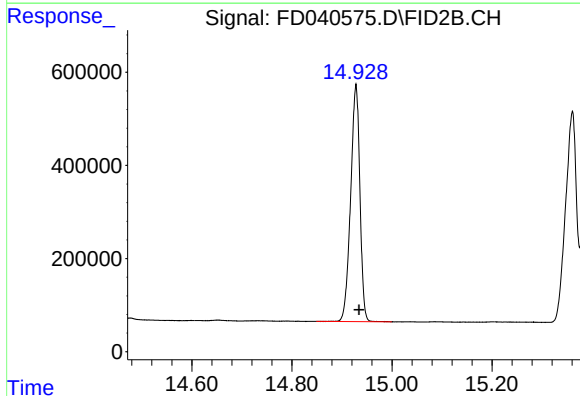
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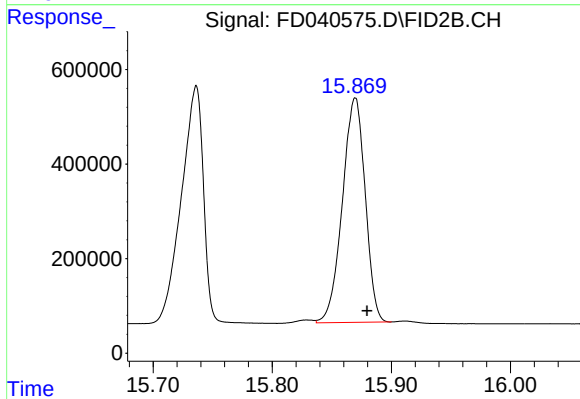
#14 n-Tetracosane (C24)

R.T.: 13.911 min
Delta R.T.: -0.008 min
Response: 6805343
Conc: 48.67 ug/ml



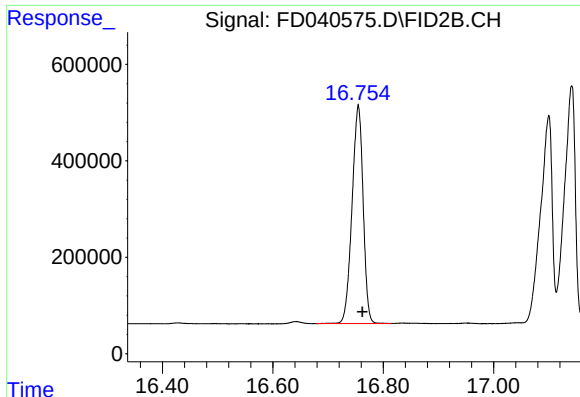
#15 n-Hexacosane (C26)

R.T.: 14.928 min
Delta R.T.: -0.006 min
Response: 6532515
Conc: 47.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.870 min
Delta R.T.: -0.010 min
Response: 6326597
Conc: 46.63 ug/ml



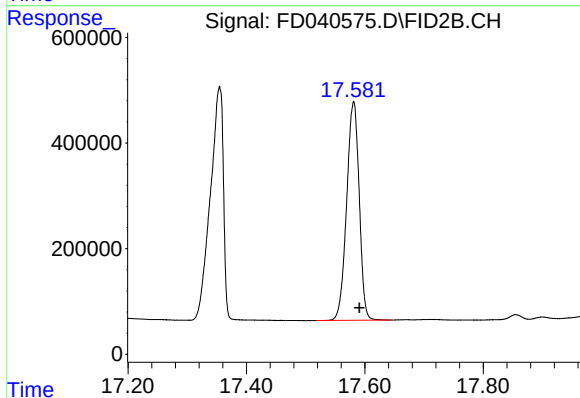
#17 n-Tricontane (C30)

R.T.: 16.755 min
Delta R.T.: -0.007 min
Response: 6318489
Conc: 48.48 ug/ml

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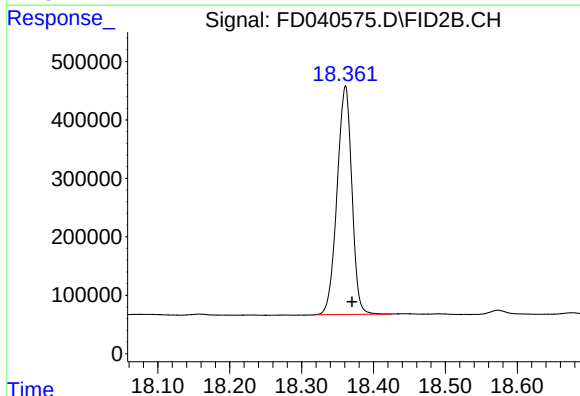
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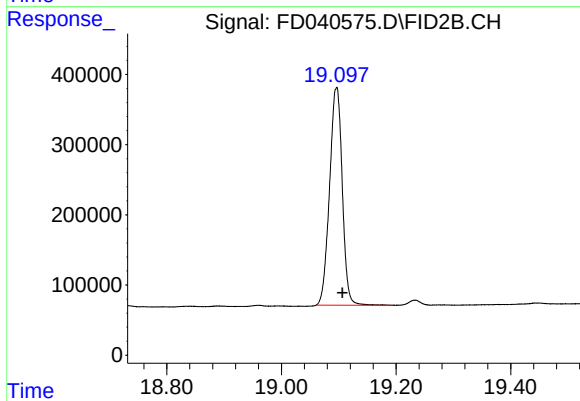
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 6097302
Conc: 51.00 ug/ml



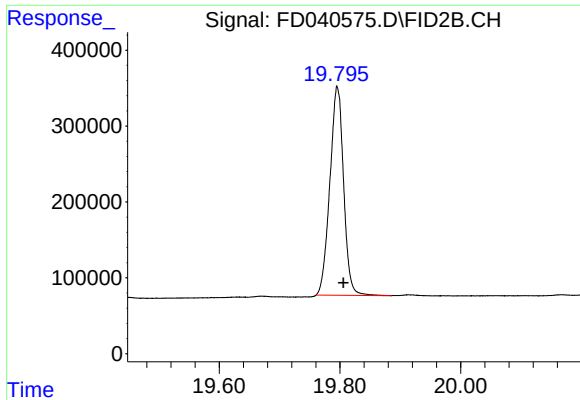
#19 n-Tetratriacontane (C34)

R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 5583309
Conc: 53.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 4775303
Conc: 47.13 ug/ml



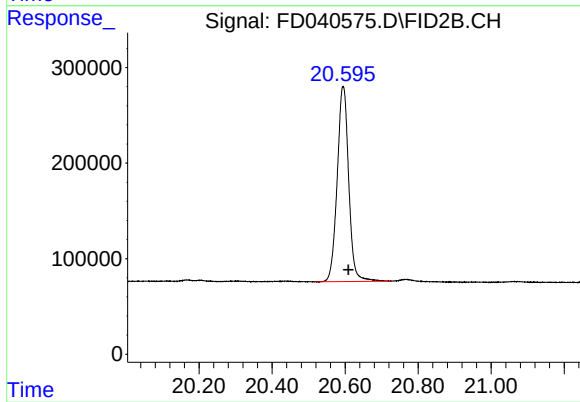
#21 n-Octatriacontane (C38)

R.T.: 19.796 min
Delta R.T.: -0.010 min
Response: 4343388
Conc: 48.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.595 min
Delta R.T.: -0.014 min
Response: 4465120
Conc: 52.23 ug/ml