

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112221AL\
 Data File : FD039584.D
 Signal(s) : FID2B.CH
 Acq On : 22 Nov 2021 20:07
 Operator : AJ\MA
 Sample : PB140939BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB140939BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
 Supervised By :Sohil Jodhani 11/23/2021

Integration File: autoint1.e
 Quant Time: Nov 23 01:23:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.665	5873963	46.038 ug/ml
Spiked Amount 50.000		Recovery =	92.08%
12) S 1-chlorooctadecane (S...	13.092	4767888	45.878 ug/ml
Spiked Amount 50.000		Recovery =	91.76%
Target Compounds			
1) T n-Nonane (C9)	3.428	4942067	42.504 ug/ml
2) T n-Decane (C10)	4.495	5287630	45.228 ug/ml
3) T A~Naphthalene (C11.7)	6.086	5929506	46.009 ug/ml
4) T n-Dodecane (C12)	6.509	5601336	47.339 ug/ml
5) T A~2-methylnaphthalene...	7.141	5905753	44.968 ug/ml
6) T n-Tetradecane (C14)	8.303	6088422	51.655 ug/ml
7) T n-Hexadecane (C16)	9.901	6588807	54.984 ug/ml
8) T n-Octadecane (C18)	11.341	6855387	56.014 ug/ml
10) T n-Eicosane (C20)	12.648	6653260	53.947 ug/ml
11) T n-Heneicosane (C21)	13.258	6575656	52.510 ug/ml
13) T n-Docosane (C22)	13.843	6493054	52.277 ug/ml
14) T n-Tetracosane (C24)	14.944	12084716	97.351 ug/ml
15) T n-Hexacosane (C26)	15.962	6115702	49.784 ug/ml
16) T n-Octacosane (C28)	16.908	6007955	51.606 ug/ml
17) T n-Tricontane (C30)	17.793	5726333	48.613 ug/ml
18) T n-Dotriacontane (C32)	18.621	5497544	48.084 ug/ml
19) T n-Tetratriacontane (C34)	19.402	5234765	49.387 ug/mlm
20) T n-Hexatriacontane (C36)	20.139	4851828	47.628 ug/ml
21) T n-Octatriacontane (C38)	20.878	4465620	46.534 ug/ml
22) T n-Tetracontane (C40)	21.801	5179546	56.144 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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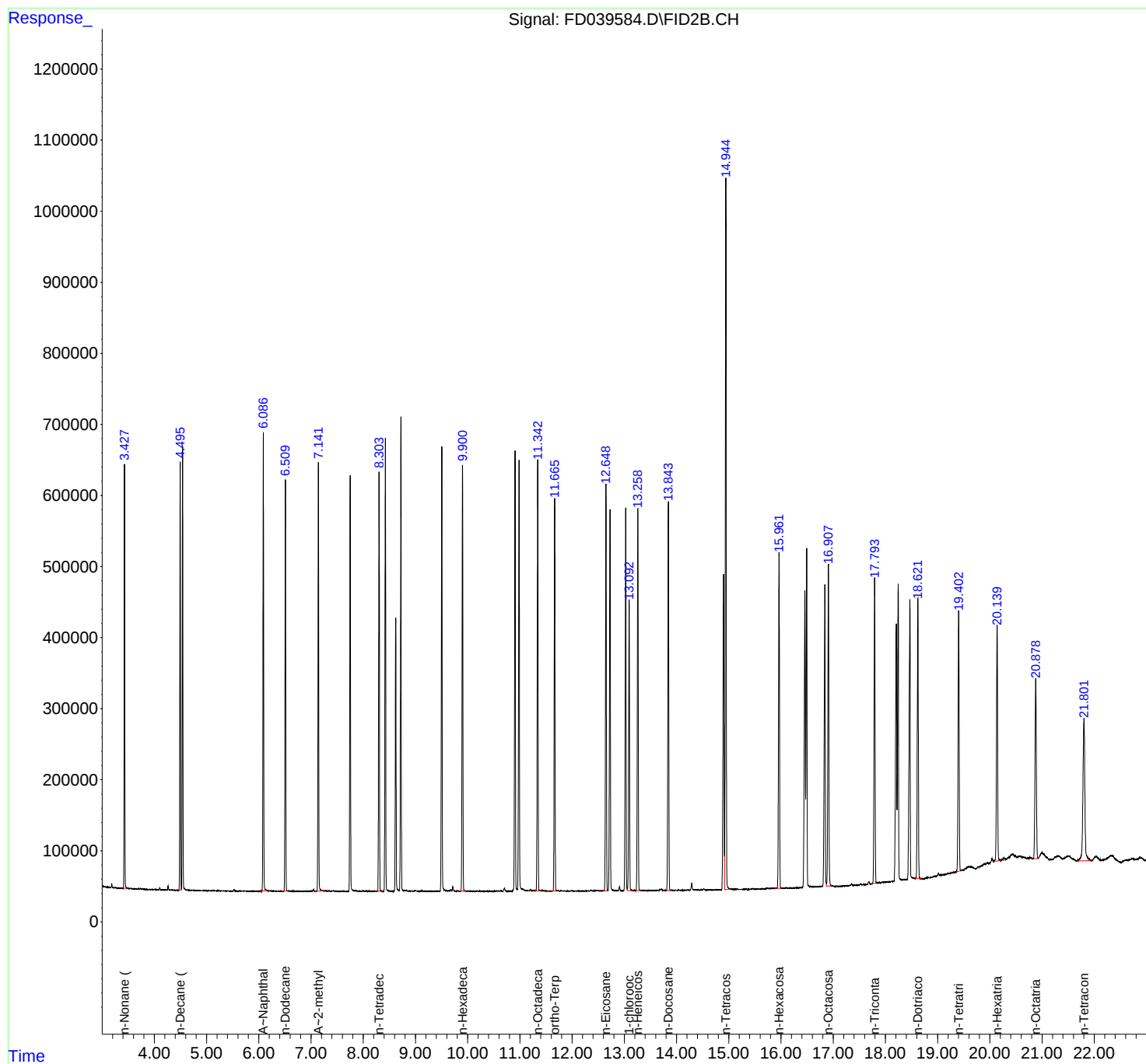
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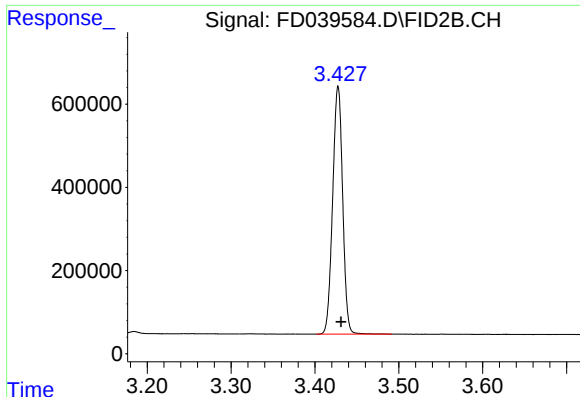
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#1 n-Nonane (C9)

R.T.: 3.428 min
Delta R.T.: -0.003 min
Response: 4942067
Conc: 42.50 ug/ml

Instrument :

FID_D

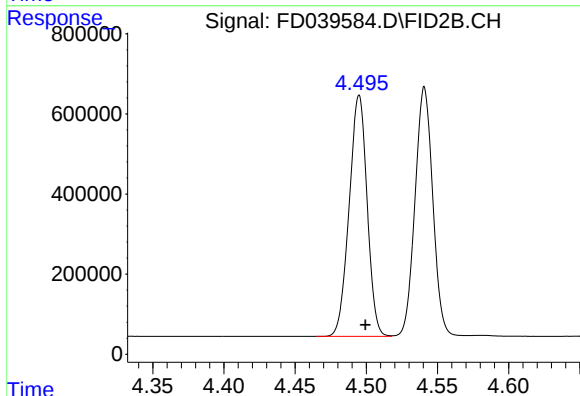
ClientSampleId :

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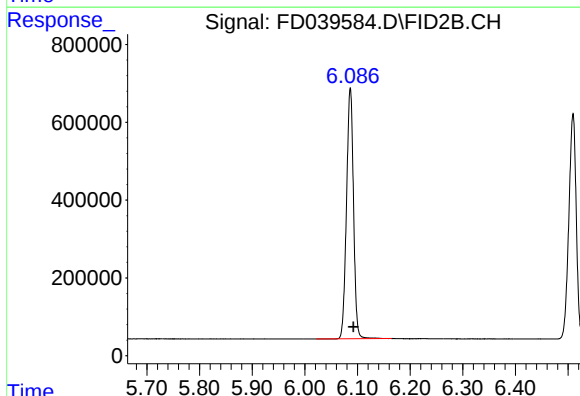
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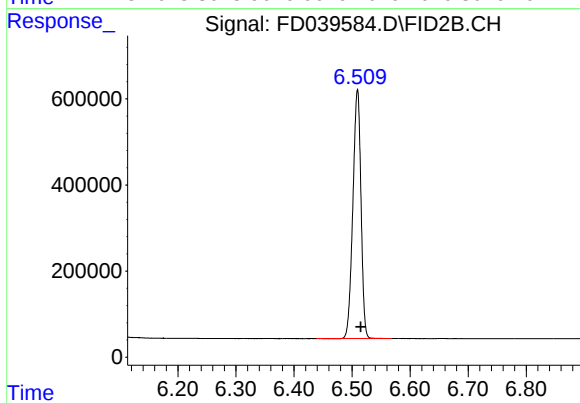
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.005 min
Response: 5287630
Conc: 45.23 ug/ml



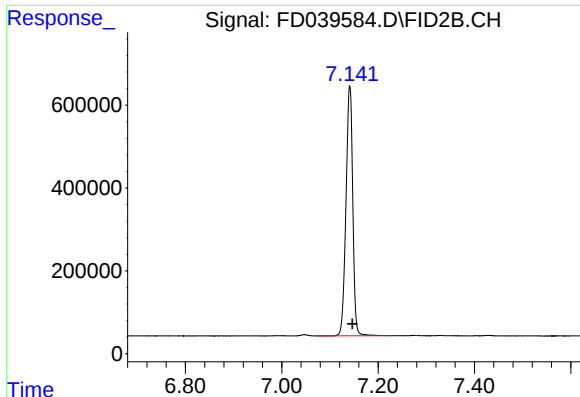
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 5929506
Conc: 46.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 5601336
Conc: 47.34 ug/ml



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

R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 5905753
Conc: 44.97 ug/ml

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FID_D

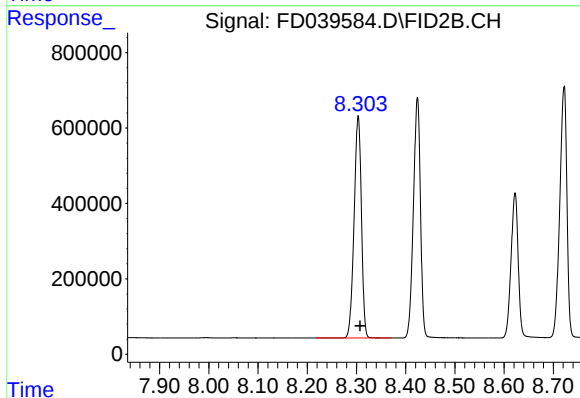
ClientSampleId :

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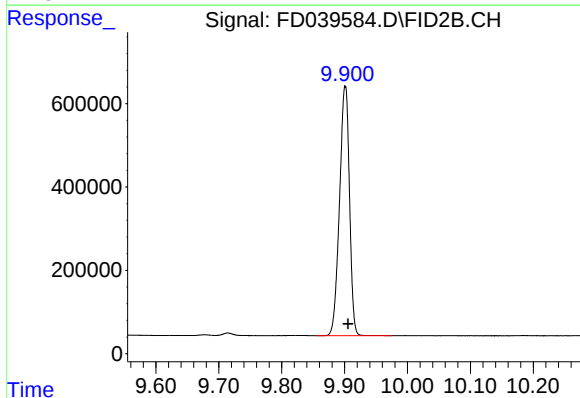
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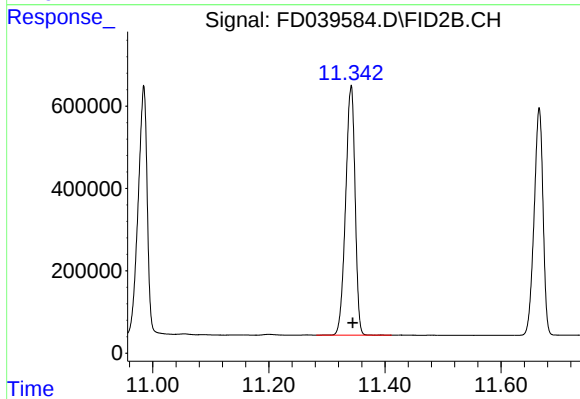
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.004 min
Response: 6088422
Conc: 51.65 ug/ml



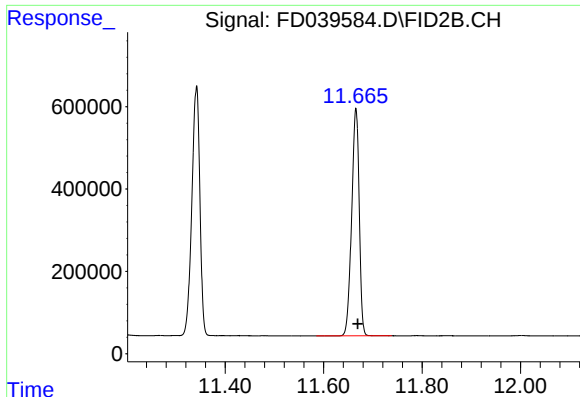
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: -0.005 min
Response: 6588807
Conc: 54.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: -0.003 min
Response: 6855387
Conc: 56.01 ug/ml



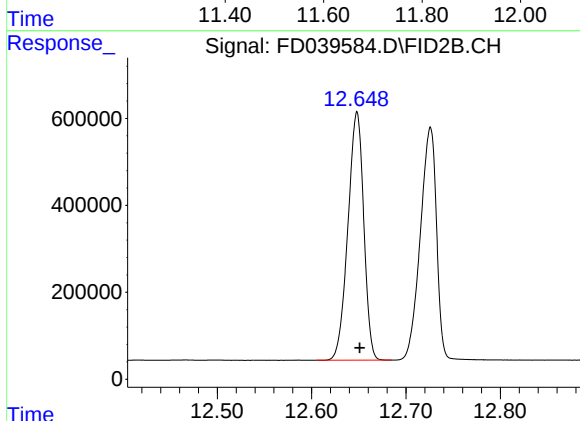
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: -0.004 min
Response: 5873963
Conc: 46.04 ug/ml

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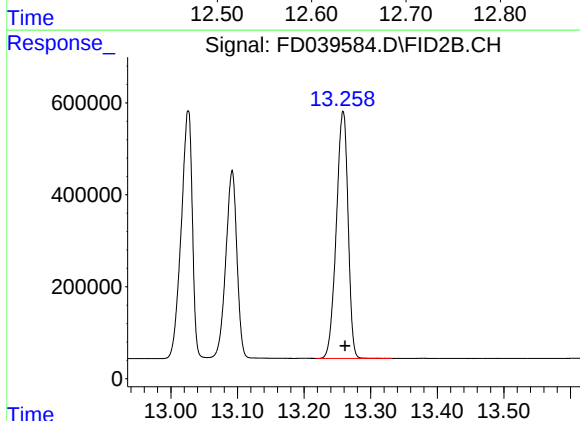
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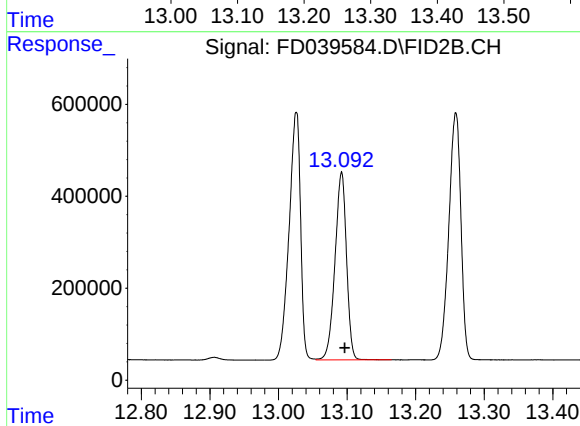
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.003 min
Response: 6653260
Conc: 53.95 ug/ml



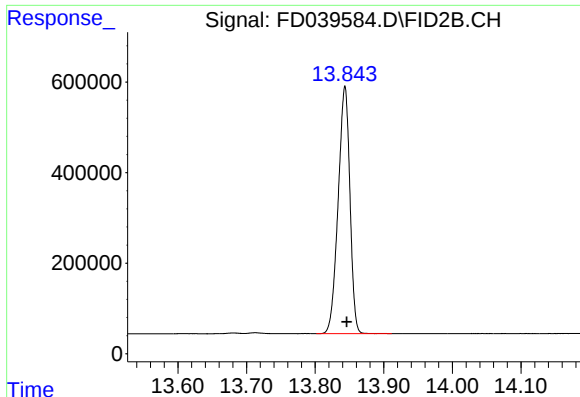
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.003 min
Response: 6575656
Conc: 52.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.092 min
Delta R.T.: -0.005 min
Response: 4767888
Conc: 45.88 ug/ml



#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.003 min
Response: 6493054
Conc: 52.28 ug/ml

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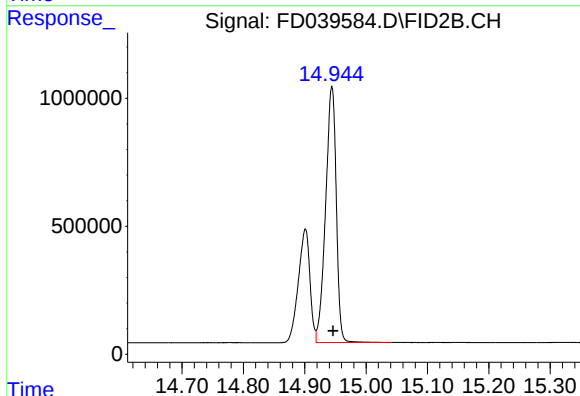
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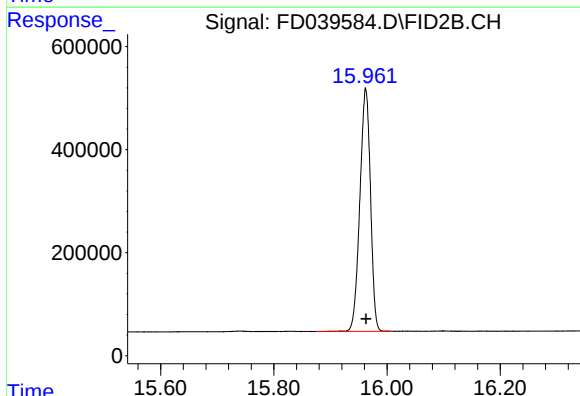
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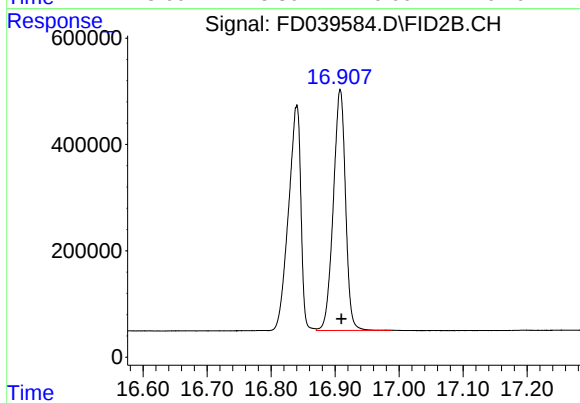
#14 n-Tetracosane (C24)

R.T.: 14.944 min
Delta R.T.: -0.002 min
Response: 12084716
Conc: 97.35 ug/ml



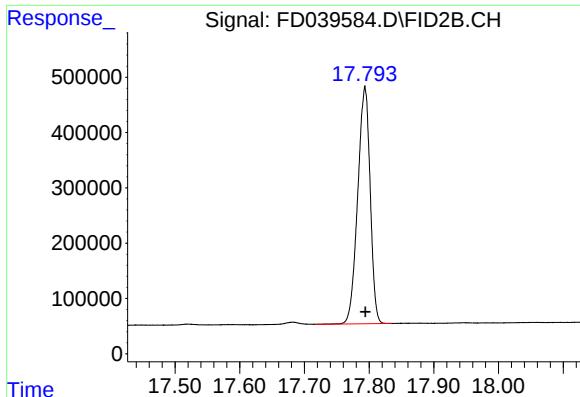
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: 0.000 min
Response: 6115702
Conc: 49.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.908 min
Delta R.T.: -0.002 min
Response: 6007955
Conc: 51.61 ug/ml



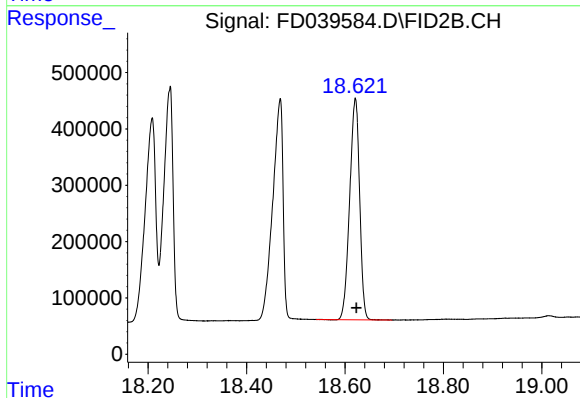
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: 0.000 min
Response: 5726333
Conc: 48.61 ug/ml

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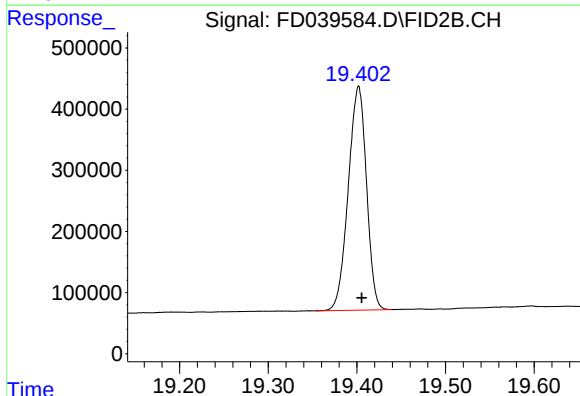
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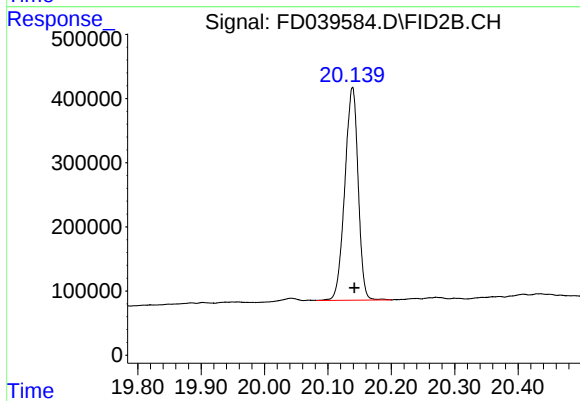
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.002 min
Response: 5497544
Conc: 48.08 ug/ml



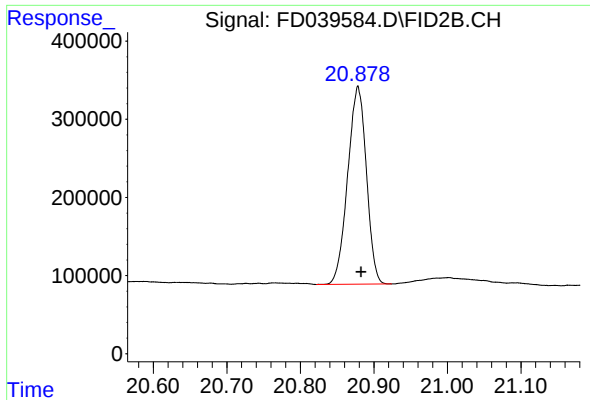
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min
Delta R.T.: -0.004 min
Response: 5234765
Conc: 49.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.139 min
Delta R.T.: -0.003 min
Response: 4851828
Conc: 47.63 ug/ml



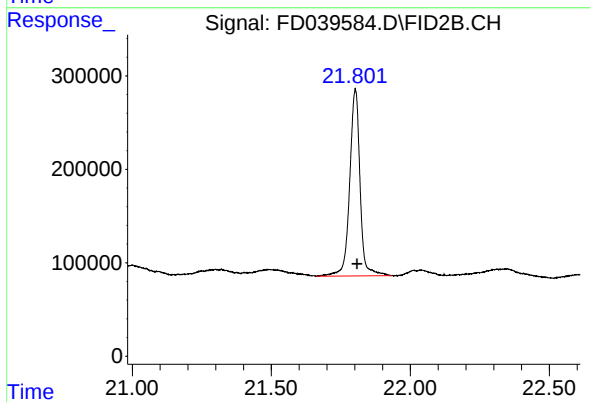
#21 n-Octatriacontane (C38)

R.T.: 20.878 min
Delta R.T.: -0.004 min
Response: 4465620
Conc: 46.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.007 min
Response: 5179546
Conc: 56.14 ug/ml m