

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011222AL\
 Data File : FD040570.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2022 16:08
 Operator : AJ\MA
 Sample : PB141982BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141982BSD

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 01:18:57 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	8051177	52.216 ug/ml
Spiked Amount 50.000		Recovery =	104.43%
12) S 1-chlorooctadecane (S...	12.062	6190060	52.589 ug/ml
Spiked Amount 50.000		Recovery =	105.18%
Target Compounds			
1) T n-Nonane (C9)	2.601	7859384	61.219 ug/ml
2) T n-Decane (C10)	3.574	8344258	64.801 ug/ml
3) T A~Naphthalene (C11.7)	5.095	9651743	67.935 ug/ml
4) T n-Dodecane (C12)	5.531	8594453	67.242 ug/ml
5) T A~2-methylnaphthalene...	6.133	9275002	65.746 ug/ml
6) T n-Tetradecane (C14)	7.308	8610516	66.470 ug/ml
7) T n-Hexadecane (C16)	8.893	8687949	66.684 ug/ml
8) T n-Octadecane (C18)	10.326	8493141	62.679 ug/ml
10) T n-Eicosane (C20)	11.627	8518776	62.629 ug/ml
11) T n-Heneicosane (C21)	12.233	7872744	56.853 ug/ml
13) T n-Docosane (C22)	12.816	7718160	55.974 ug/ml
14) T n-Tetracosane (C24)	13.913	7515461	53.749 ug/ml
15) T n-Hexacosane (C26)	14.930	7113235	51.603 ug/ml
16) T n-Octacosane (C28)	15.872	7076043	52.150 ug/ml
17) T n-Tricontane (C30)	16.756	6760784	51.871 ug/ml
18) T n-Dotriacontane (C32)	17.581	6008201	50.259 ug/ml
19) T n-Tetratriacontane (C34)	18.360	4374313	41.544 ug/ml
20) T n-Hexatriacontane (C36)	19.095	2667060	26.320 ug/ml
21) T n-Octatriacontane (C38)	19.792	1819751	20.368 ug/mlm
22) T n-Tetracontane (C40)	20.591	1494364	17.482 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 55 Sample Multiplier: 1

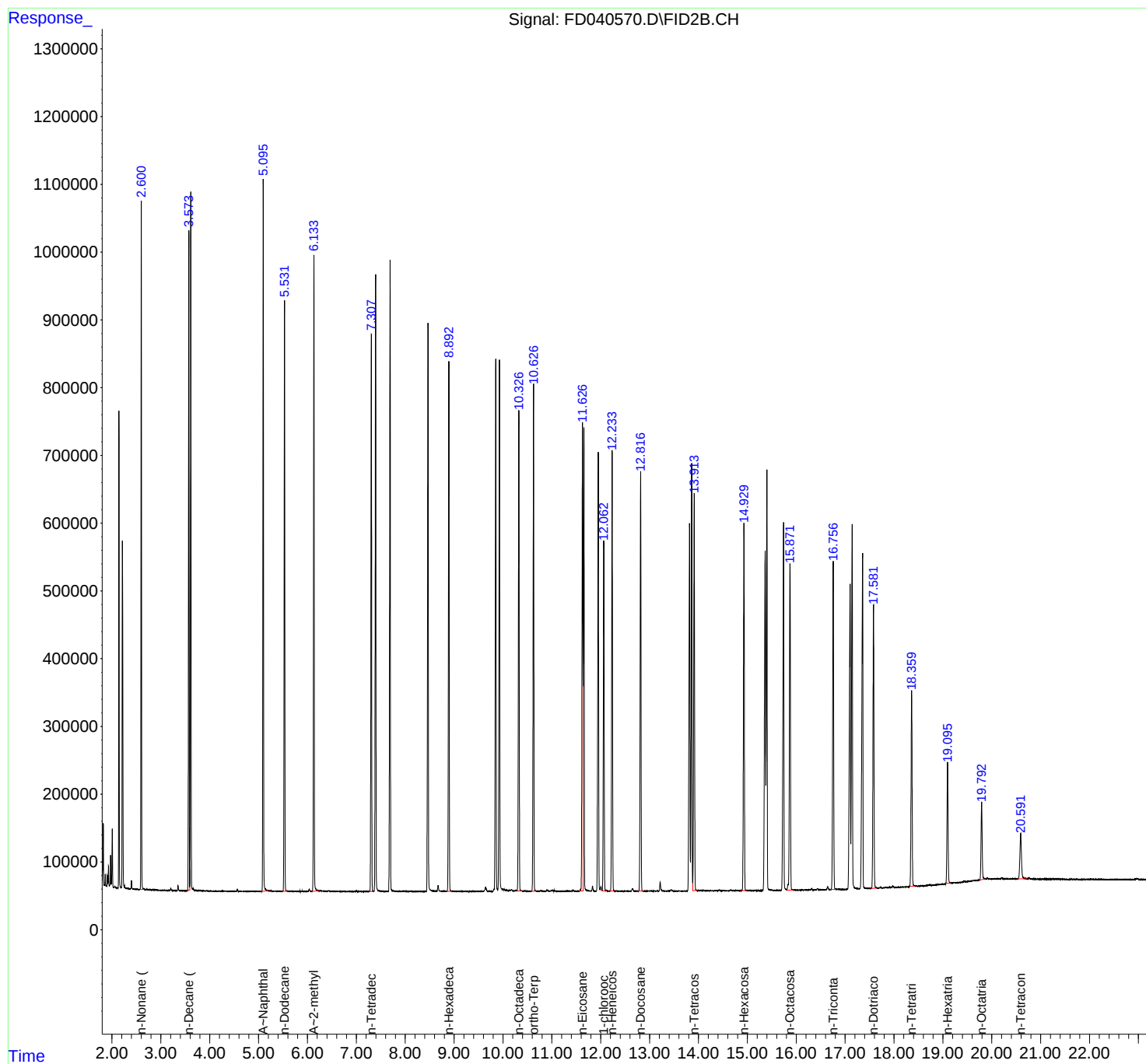
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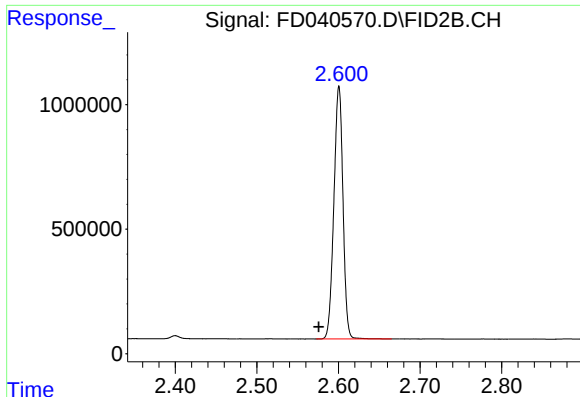
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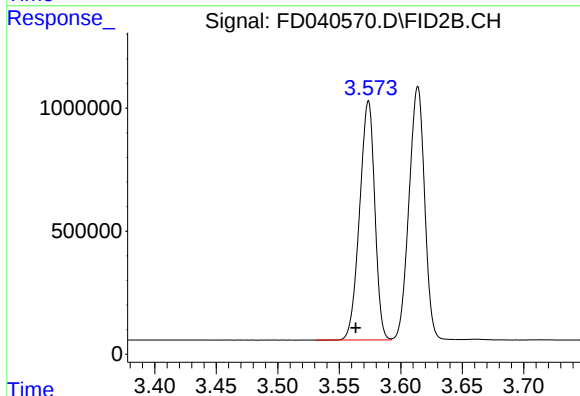
#1 n-Nonane (C9)

R.T.: 2.601 min
Delta R.T.: 0.025 min
Response: 7859384
Conc: 61.22 ug/ml

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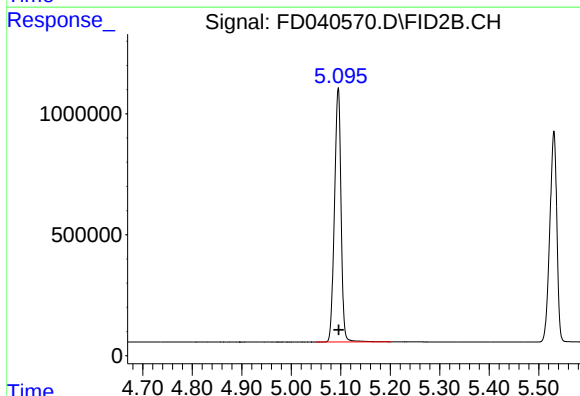
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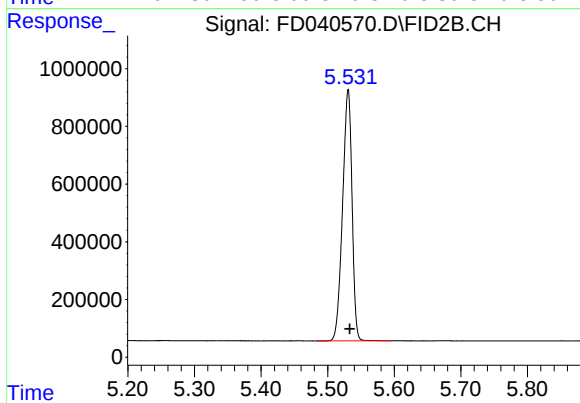
#2 n-Decane (C10)

R.T.: 3.574 min
Delta R.T.: 0.010 min
Response: 8344258
Conc: 64.80 ug/ml



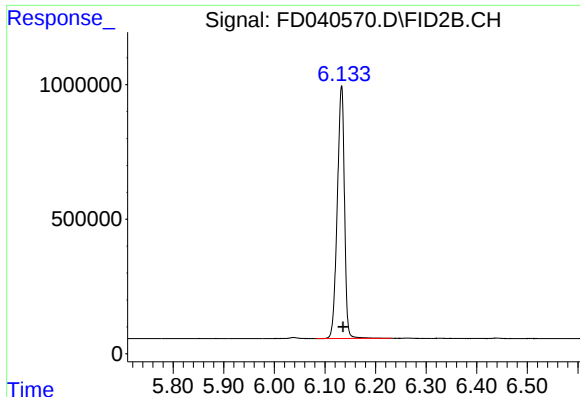
#3 A~Naphthalene (C11.7)

R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 9651743
Conc: 67.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 8594453
Conc: 67.24 ug/ml



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

R.T.: 6.133 min
Delta R.T.: -0.003 min
Response: 9275002
Conc: 65.75 ug/ml

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FID_D

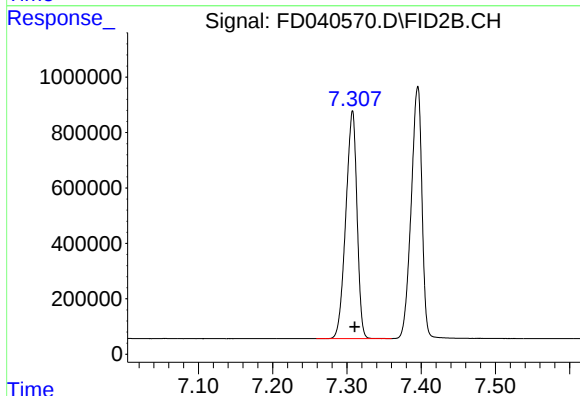
ClientSampleId :

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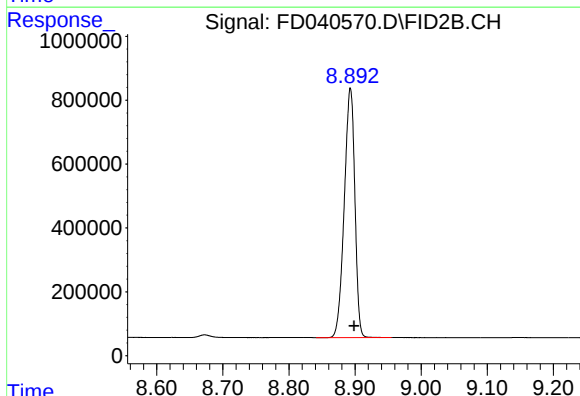
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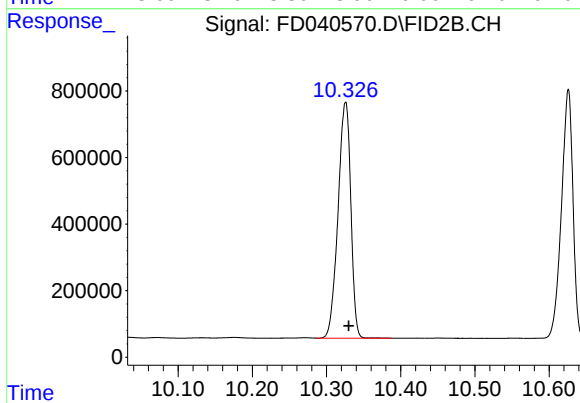
#6 n-Tetradecane (C14)

R.T.: 7.308 min
Delta R.T.: -0.003 min
Response: 8610516
Conc: 66.47 ug/ml



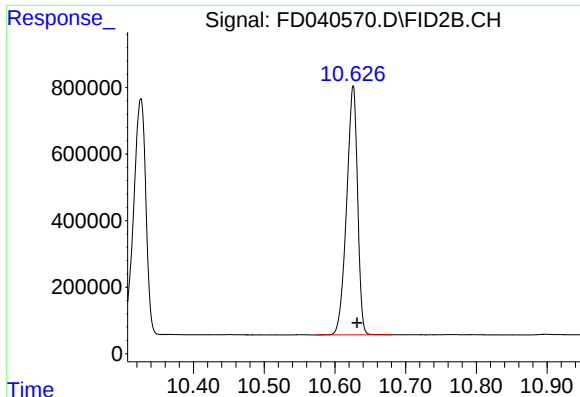
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 8687949
Conc: 66.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.326 min
Delta R.T.: -0.004 min
Response: 8493141
Conc: 62.68 ug/ml



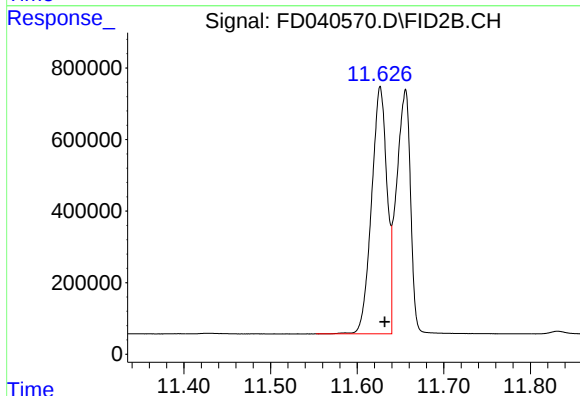
#9 ortho-Terphenyl (SURR)

R.T.: 10.626 min
Delta R.T.: -0.005 min
Response: 8051177
Conc: 52.22 ug/ml

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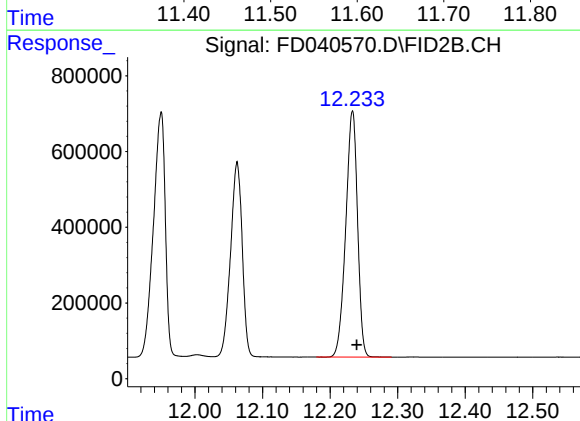
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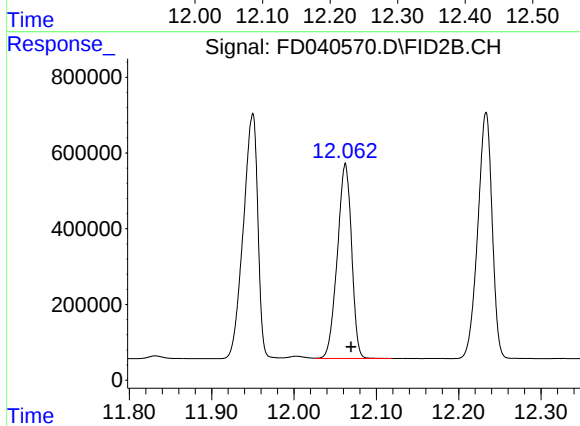
#10 n-Eicosane (C20)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 8518776
Conc: 62.63 ug/ml



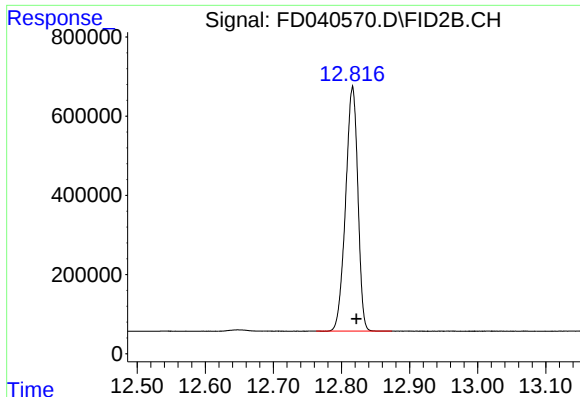
#11 n-Heneicosane (C21)

R.T.: 12.233 min
Delta R.T.: -0.006 min
Response: 7872744
Conc: 56.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.062 min
Delta R.T.: -0.007 min
Response: 6190060
Conc: 52.59 ug/ml



#13 n-Docosane (C22)

R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 7718160
Conc: 55.97 ug/ml

Instrument :

FID_D

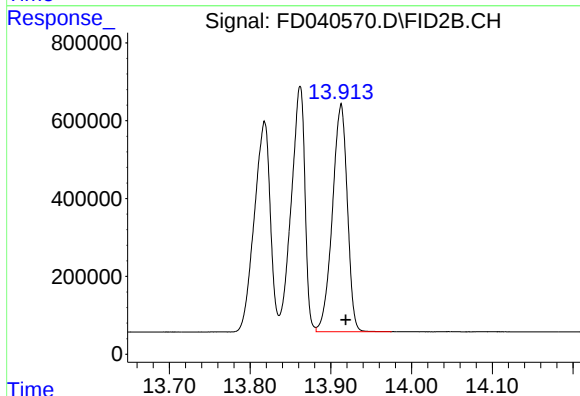
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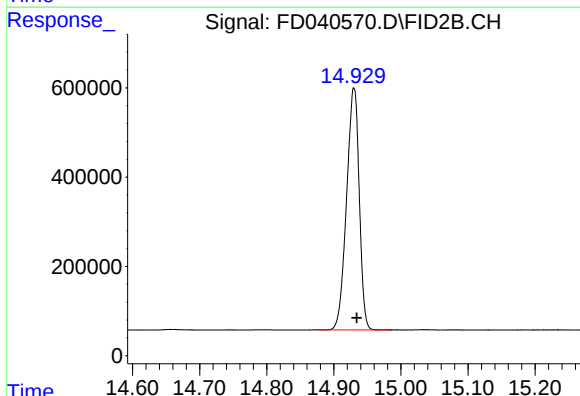
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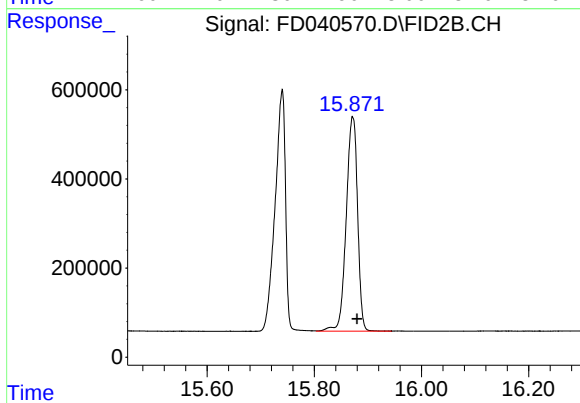
#14 n-Tetracosane (C24)

R.T.: 13.913 min
Delta R.T.: -0.006 min
Response: 7515461
Conc: 53.75 ug/ml



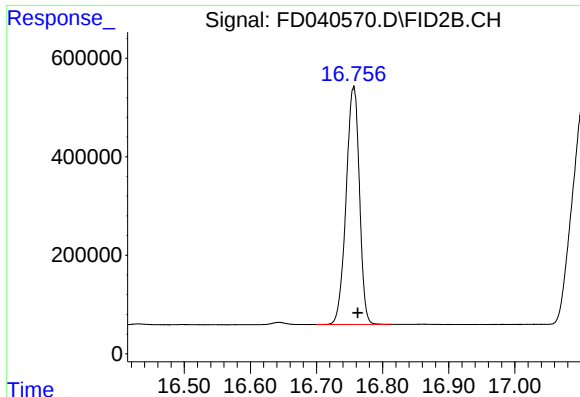
#15 n-Hexacosane (C26)

R.T.: 14.930 min
Delta R.T.: -0.004 min
Response: 7113235
Conc: 51.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.872 min
Delta R.T.: -0.008 min
Response: 7076043
Conc: 52.15 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.756 min
Delta R.T.: -0.006 min
Response: 6760784
Conc: 51.87 ug/ml

Instrument :

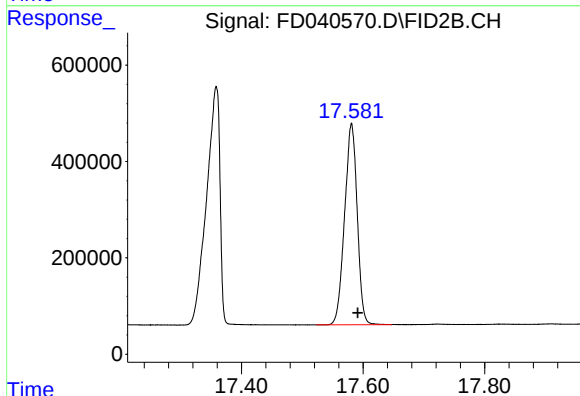
FID_D

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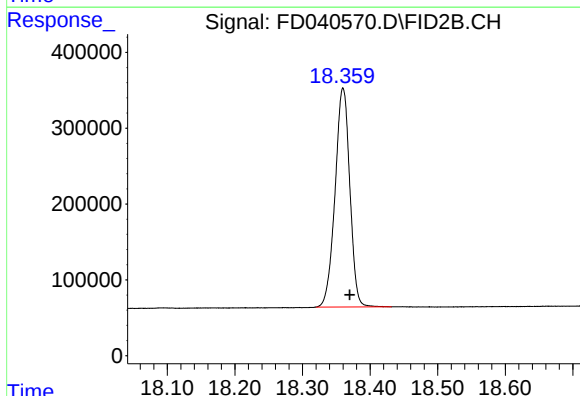
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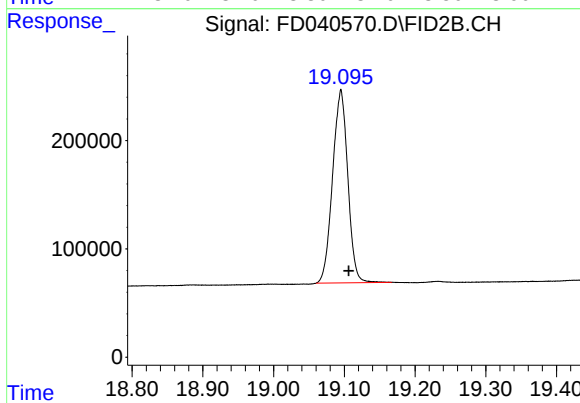
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 6008201
Conc: 50.26 ug/ml



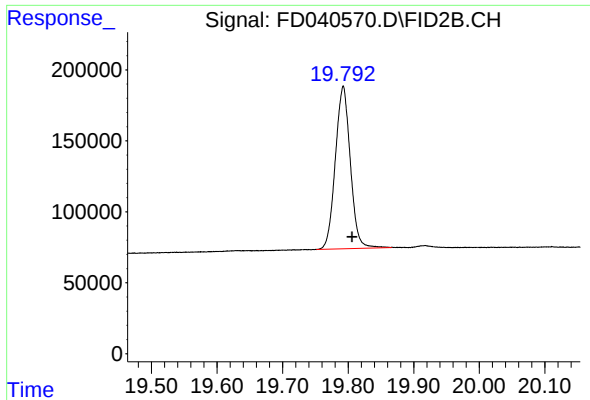
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 4374313
Conc: 41.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.095 min
Delta R.T.: -0.011 min
Response: 2667060
Conc: 26.32 ug/ml



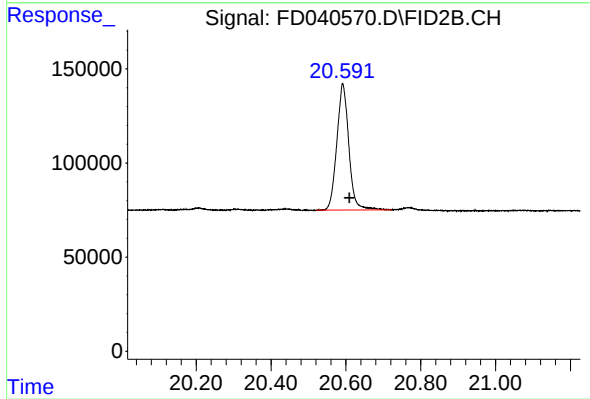
#21 n-Octatriacontane (C38)

R.T.: 19.792 min
Delta R.T.: -0.014 min
Response: 1819751
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.591 min
Delta R.T.: -0.018 min
Response: 1494364
Conc: 17.48 ug/ml