

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011022AL\
 Data File : FD040525.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 5:11
 Operator : AJ\MA
 Sample : PB141937BSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141937BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e
 Quant Time: Jan 11 07:00:51 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)	10.627	7865031	51.009 ug/ml
Spiked Amount 50.000		Recovery =	102.02%
12) S 1-chlorooctadecane (S...	12.063	6124764	52.034 ug/ml
Spiked Amount 50.000		Recovery =	104.07%
Target Compounds			
1) T n-Nonane (C9)	2.587	6441452	50.174 ug/ml
2) T n-Decane (C10)	3.567	6991277	54.294 ug/ml
3) T A~Naphthalene (C11.7)	5.092	8305443	58.459 ug/ml
4) T n-Dodecane (C12)	5.530	7549762	59.068 ug/ml
5) T A~2-methylnaphthalene...	6.131	8293764	58.790 ug/ml
6) T n-Tetradecane (C14)	7.308	7770379	59.984 ug/ml
7) T n-Hexadecane (C16)	8.893	8025562	61.600 ug/ml
8) T n-Octadecane (C18)	10.325	8064124	59.513 ug/ml
10) T n-Eicosane (C20)	11.627	8429927	61.976 ug/ml
11) T n-Heneicosane (C21)	12.234	7787359	56.236 ug/ml
13) T n-Docosane (C22)	12.816	7724563	56.021 ug/ml
14) T n-Tetracosane (C24)	13.913	7660132	54.784 ug/ml
15) T n-Hexacosane (C26)	14.929	7286759	52.862 ug/ml
16) T n-Octacosane (C28)	15.870	7059967	52.032 ug/ml
17) T n-Tricontane (C30)	16.755	6772403	51.960 ug/ml
18) T n-Dotriacontane (C32)	17.580	6412369	53.640 ug/ml
19) T n-Tetratriacontane (C34)	18.360	5841146	55.475 ug/ml
20) T n-Hexatriacontane (C36)	19.096	4957195	48.921 ug/ml
21) T n-Octatriacontane (C38)	19.794	4670498	52.275 ug/mlm
22) T n-Tetracontane (C40)	20.593	4815935	56.339 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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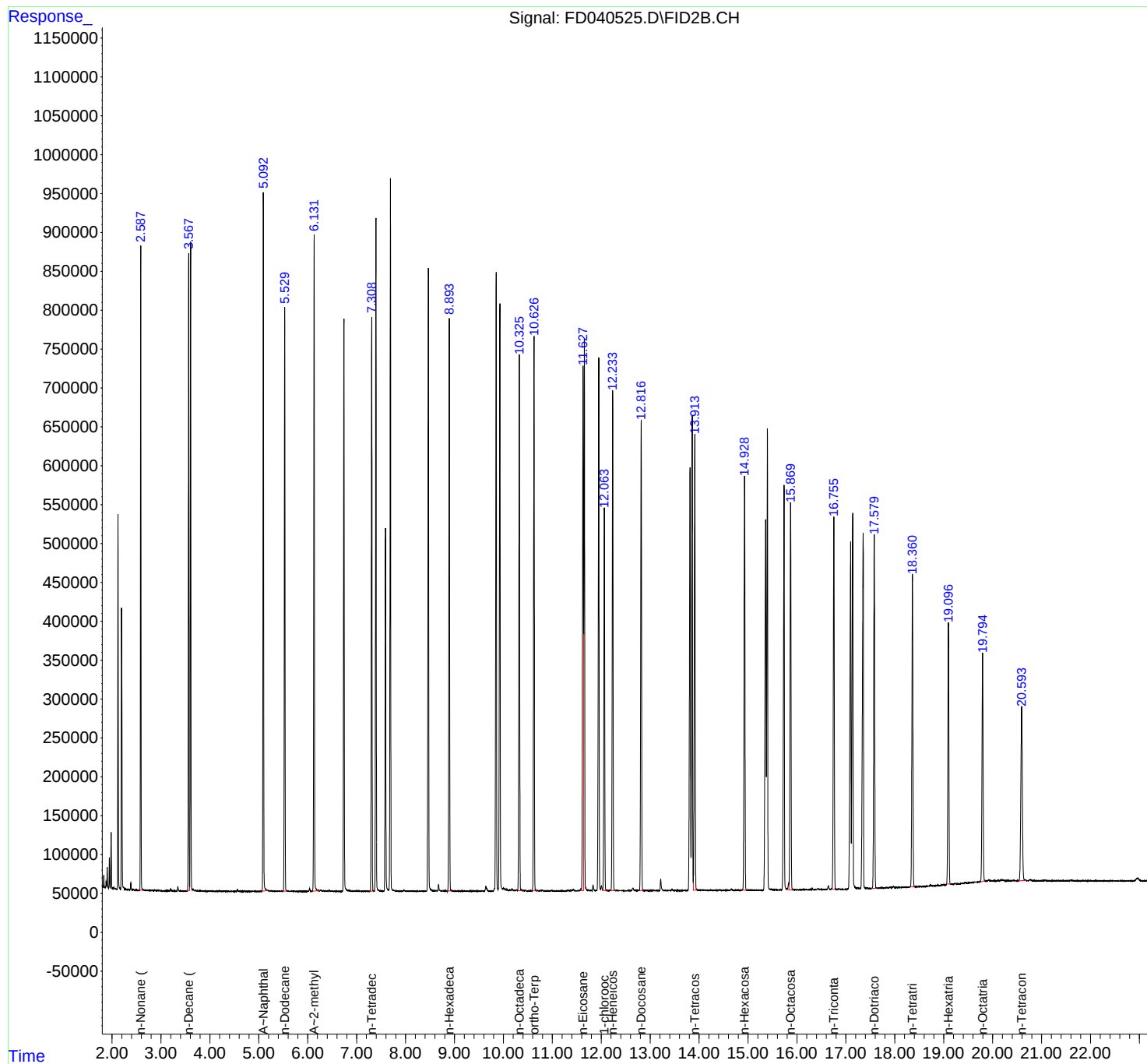
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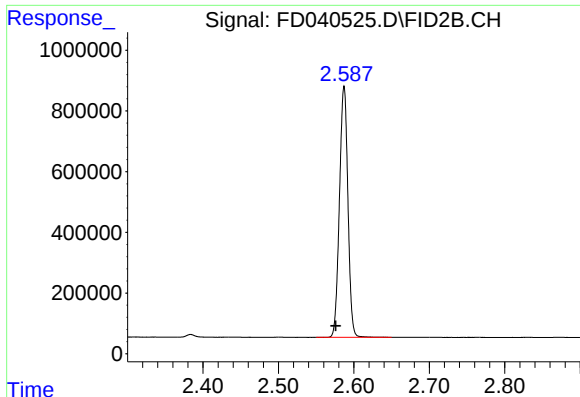
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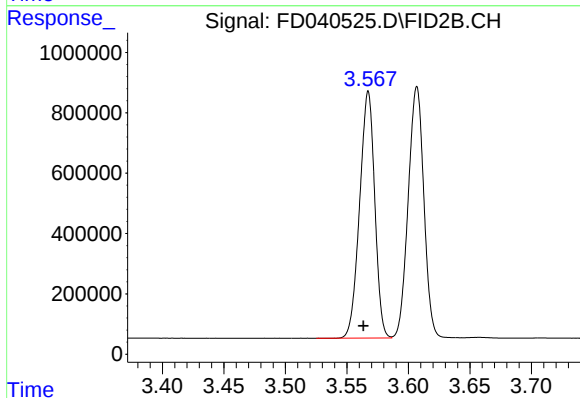
#1 n-Nonane (C9)

R.T.: 2.587 min
Delta R.T.: 0.011 min
Response: 6441452
Conc: 50.17 ug/ml

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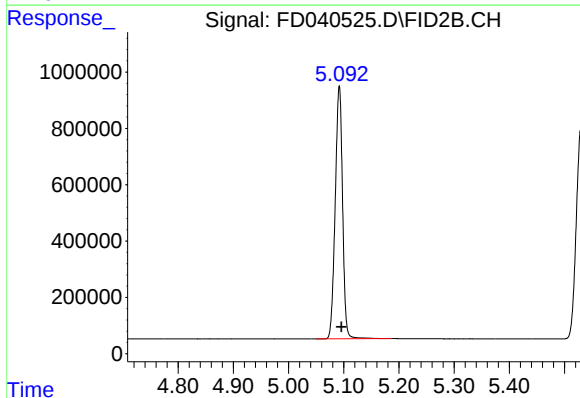
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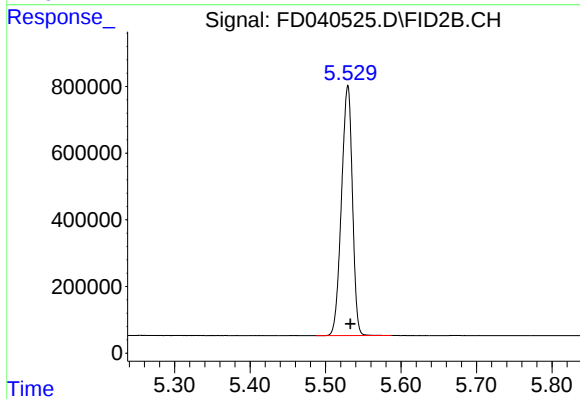
#2 n-Decane (C10)

R.T.: 3.567 min
Delta R.T.: 0.004 min
Response: 6991277
Conc: 54.29 ug/ml



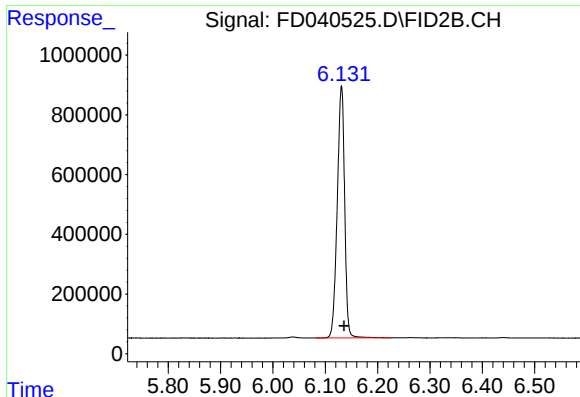
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 8305443
Conc: 58.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 7549762
Conc: 59.07 ug/ml



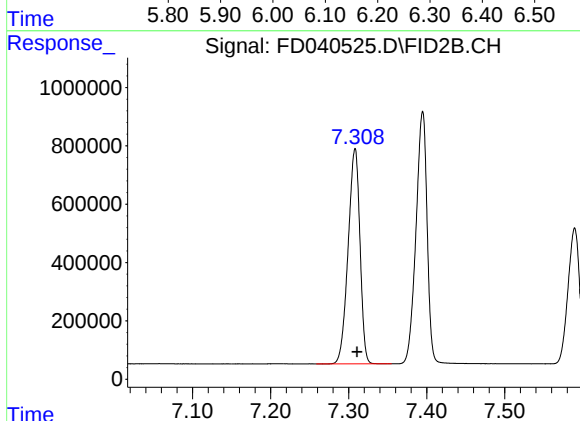
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.131 min
Delta R.T.: -0.005 min
Response: 8293764
Conc: 58.79 ug/ml

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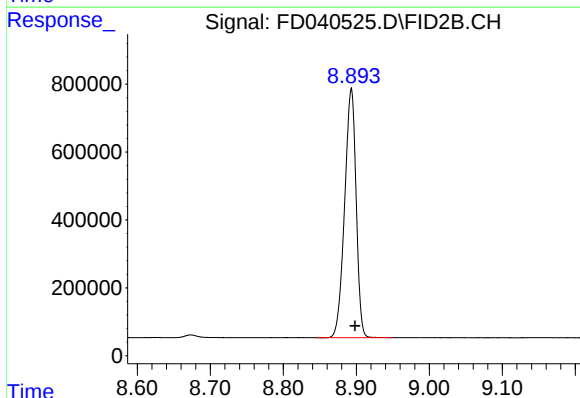
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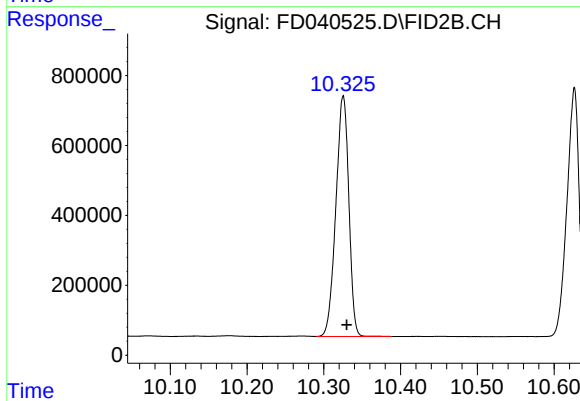
#6 n-Tetradecane (C14)

R.T.: 7.308 min
Delta R.T.: -0.003 min
Response: 7770379
Conc: 59.98 ug/ml



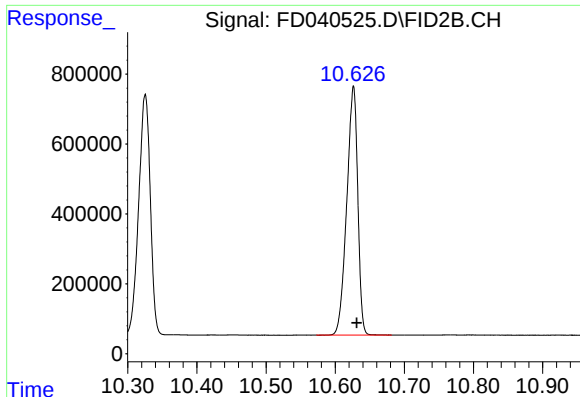
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 8025562
Conc: 61.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.325 min
Delta R.T.: -0.005 min
Response: 8064124
Conc: 59.51 ug/ml



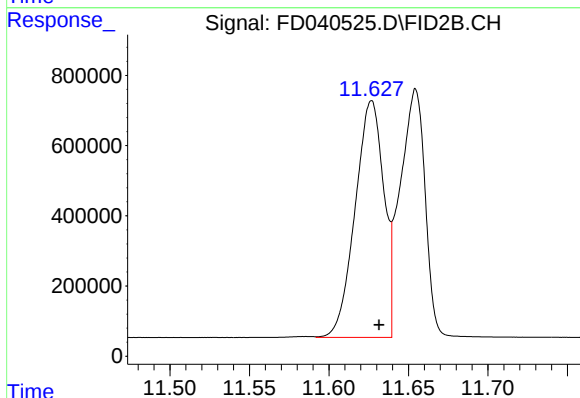
#9 ortho-Terphenyl (SURR)

R.T.: 10.627 min
Delta R.T.: -0.005 min
Response: 7865031
Conc: 51.01 ug/ml

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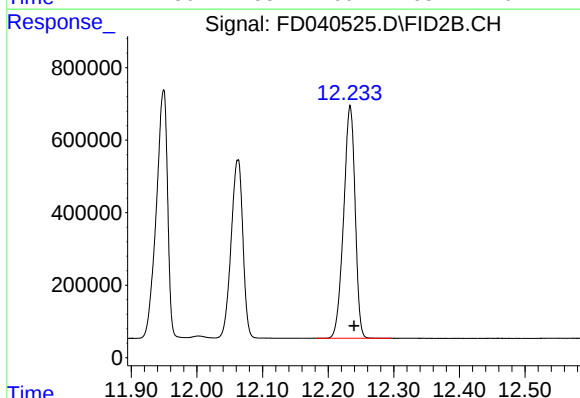
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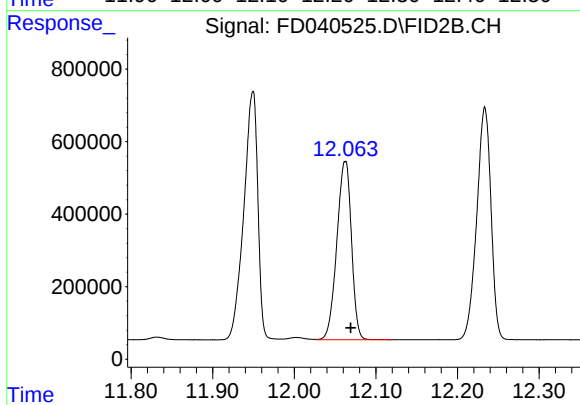
#10 n-Eicosane (C20)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 8429927
Conc: 61.98 ug/ml



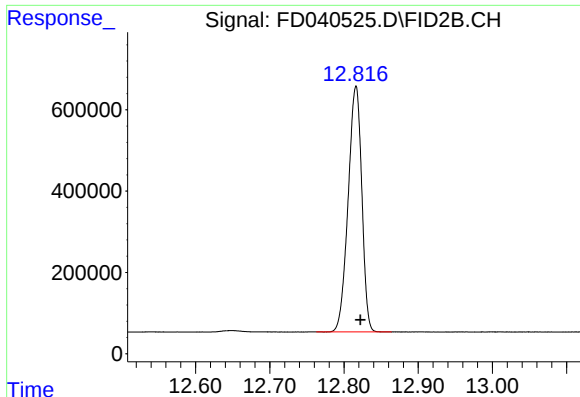
#11 n-Heneicosane (C21)

R.T.: 12.234 min
Delta R.T.: -0.006 min
Response: 7787359
Conc: 56.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.063 min
Delta R.T.: -0.007 min
Response: 6124764
Conc: 52.03 ug/ml



#13 n-Docosane (C22)

R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 7724563
Conc: 56.02 ug/ml

Instrument :

FID_D

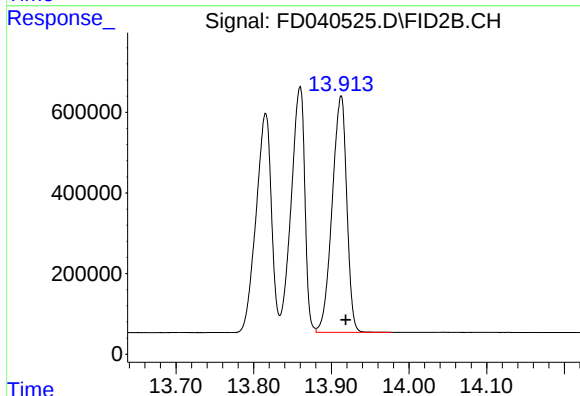
ClientSampleId :

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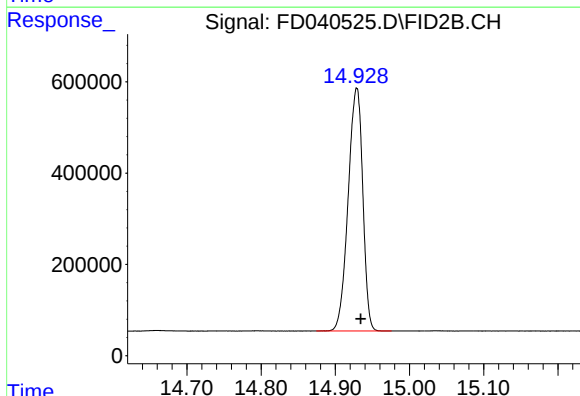
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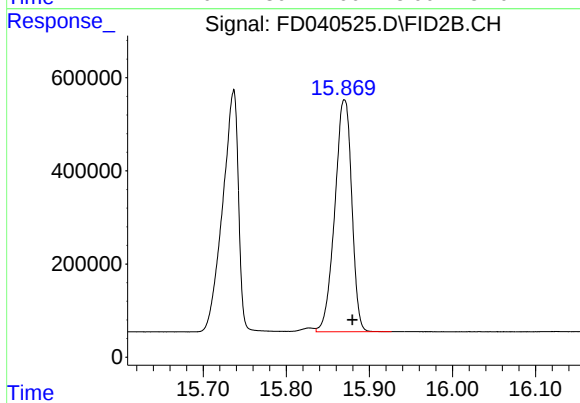
#14 n-Tetracosane (C24)

R.T.: 13.913 min
Delta R.T.: -0.006 min
Response: 7660132
Conc: 54.78 ug/ml



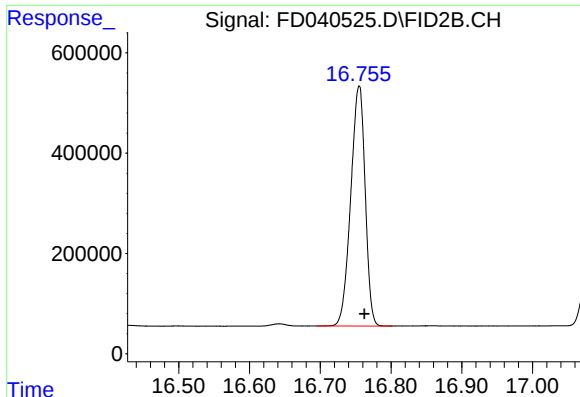
#15 n-Hexacosane (C26)

R.T.: 14.929 min
Delta R.T.: -0.005 min
Response: 7286759
Conc: 52.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.870 min
Delta R.T.: -0.010 min
Response: 7059967
Conc: 52.03 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.755 min
Delta R.T.: -0.007 min
Response: 6772403
Conc: 51.96 ug/ml

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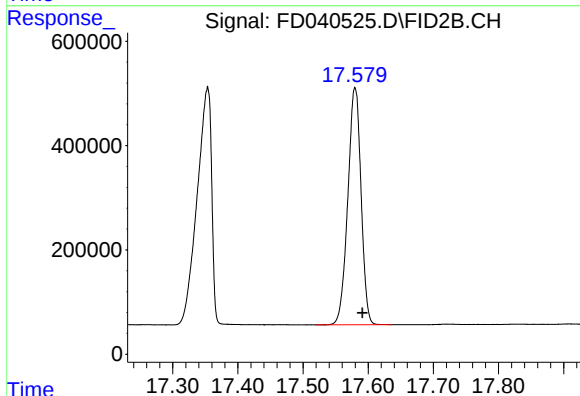
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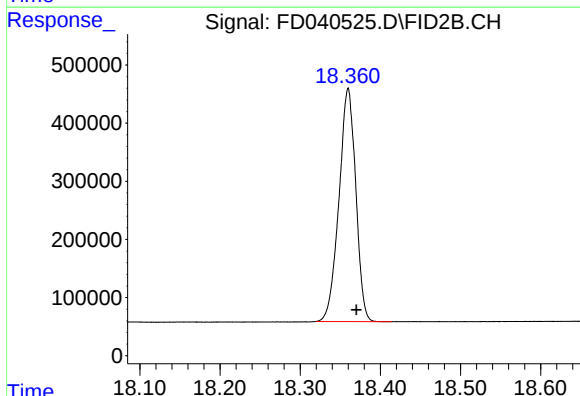
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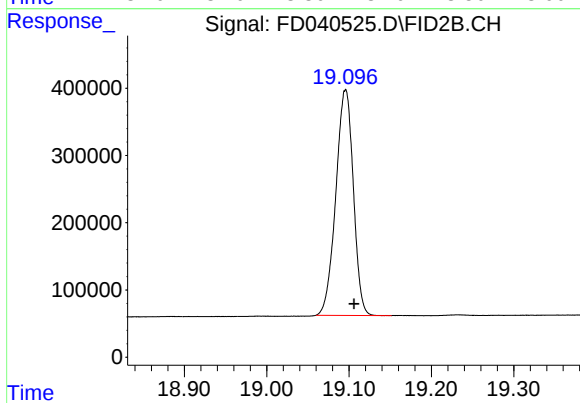
#18 n-Dotriacontane (C32)

R.T.: 17.580 min
Delta R.T.: -0.011 min
Response: 6412369
Conc: 53.64 ug/ml



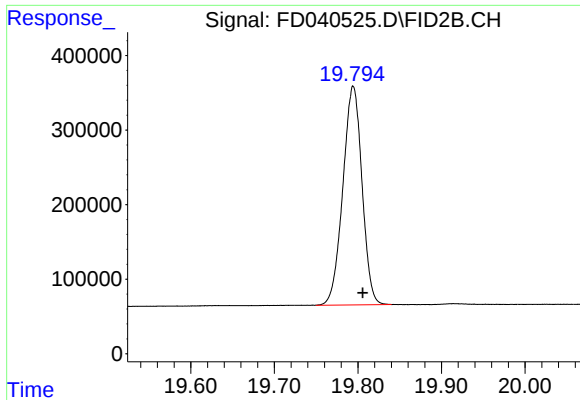
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 5841146
Conc: 55.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 4957195
Conc: 48.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.794 min
Delta R.T.: -0.012 min
Response: 4670498
Conc: 52.27 ug/ml

Instrument :

FID_D

ClientSampleId :

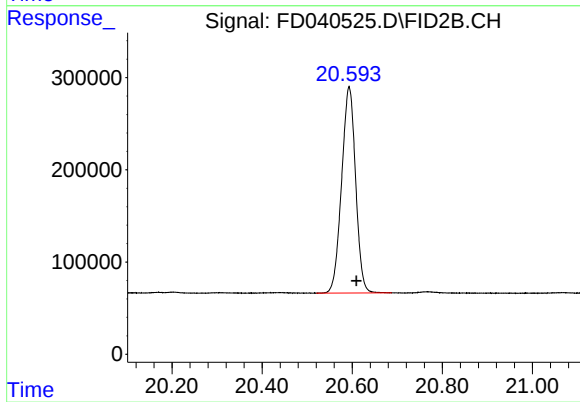
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#22 n-Tetracontane (C40)

R.T.: 20.593 min
Delta R.T.: -0.016 min
Response: 4815935
Conc: 56.34 ug/ml