

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041820AL\
 Data File : FD032978.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2020 13:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 19 22:17:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 2020
 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)	11.500	2508364	16.694 ug/ml
Spiked Amount 50.000		Recovery =	33.39%
12) S 1-chlorooctadecane (S...	12.931	1965529	16.746 ug/ml
Spiked Amount 50.000		Recovery =	33.49%
Target Compounds			
1) T n-Nonane (C9)	3.308	2391997	17.890 ug/ml
2) T n-Decane (C10)	4.368	2402852	17.935 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2631728	17.856 ug/ml
4) T n-Dodecane (C12)	6.374	2448490	18.059 ug/ml
5) T A~2-methylnaphthalene...	6.995	2643848	17.796 ug/ml
6) T n-Tetradecane (C14)	8.160	2470136	18.067 ug/ml
7) T n-Hexadecane (C16)	9.752	2458736	17.898 ug/ml
8) T n-Octadecane (C18)	11.186	2420510	17.479 ug/ml
10) T n-Eicosane (C20)	12.489	2357038	16.969 ug/ml
11) T n-Heneicosane (C21)	13.098	2335829	16.675 ug/ml
13) T n-Docosane (C22)	13.682	2283551	16.447 ug/ml
14) T n-Tetracosane (C24)	14.779	2207695	16.089 ug/ml
15) T n-Hexacosane (C26)	15.796	2114837	15.904 ug/ml
16) T n-Octacosane (C28)	16.742	2027992	16.067 ug/ml
17) T n-Tricontane (C30)	17.625	1874198	16.465 ug/ml
18) T n-Dotriacontane (C32)	18.453	1431888	17.046 ug/ml
19) T n-Tetratriacontane (C34)	19.232	1070299	17.647 ug/ml
20) T n-Hexatriacontane (C36)	19.968	931275	18.561 ug/ml
21) T n-Octatriacontane (C38)	20.681	900133	18.697 ug/ml
22) T n-Tetracontane (C40)	21.540	926623	18.364 ug/ml

(f)=RT Delta > 1/2 Window

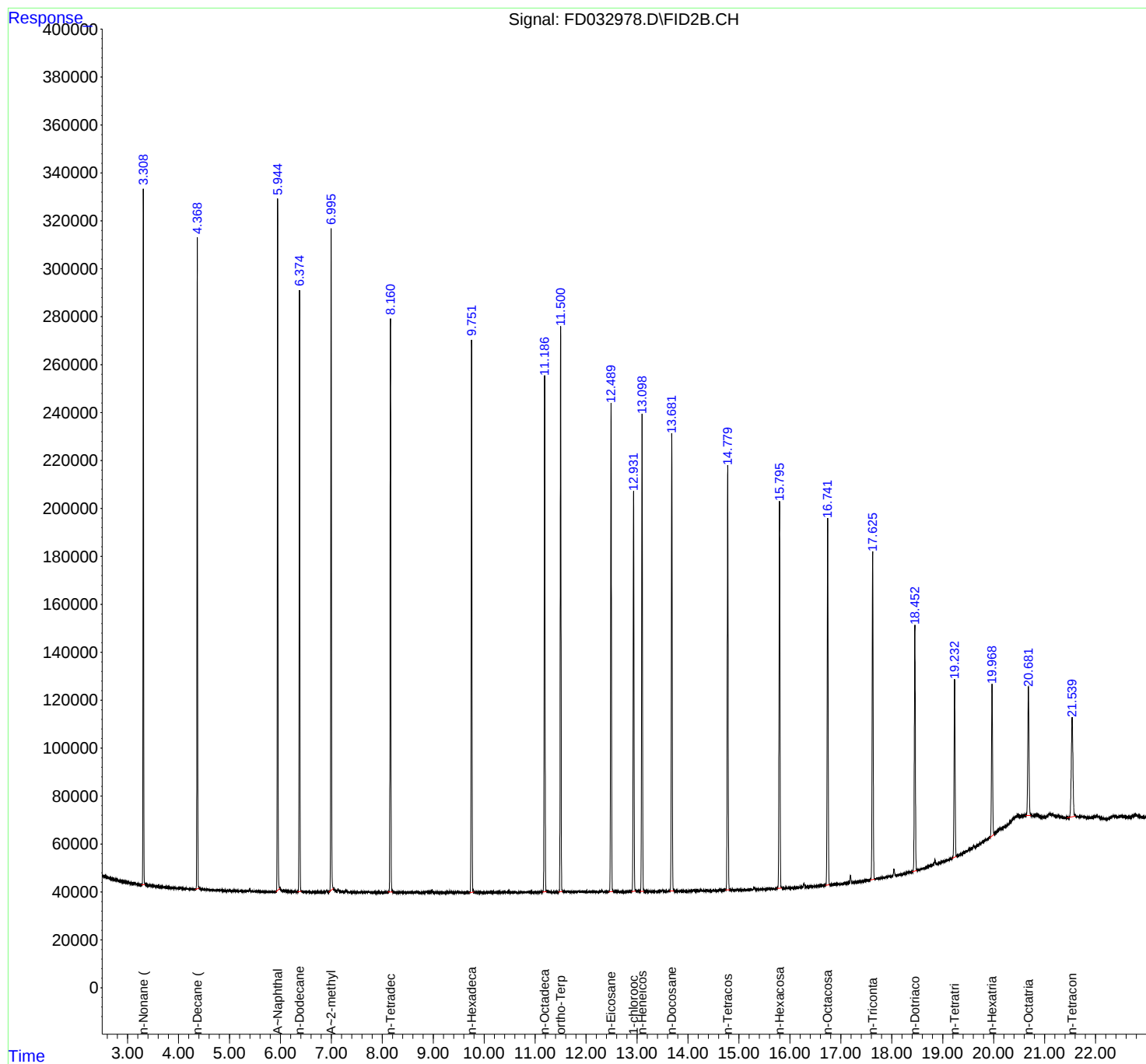
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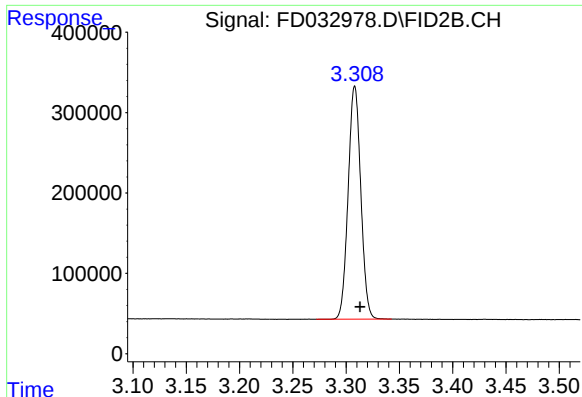
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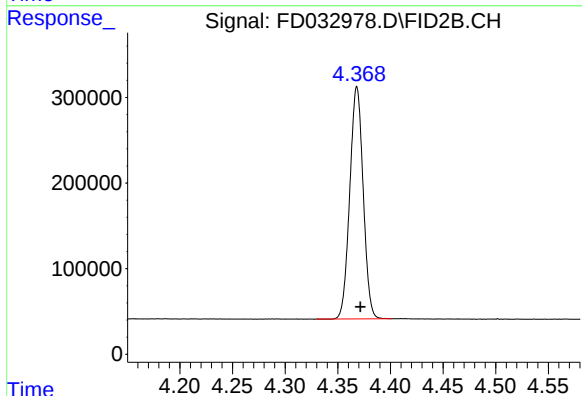




#1 n-Nonane (C9)

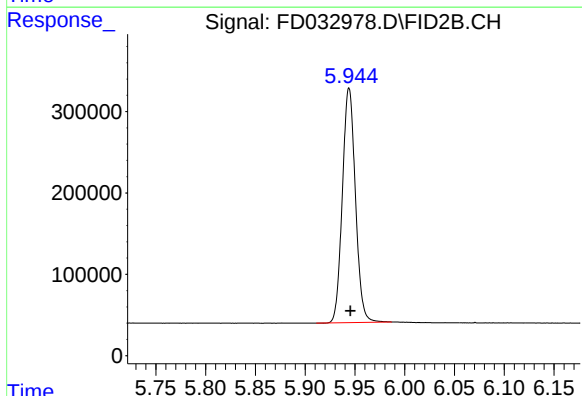
R.T.: 3.308 min
Delta R.T.: -0.005 min
Response: 2391997
Conc: 17.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



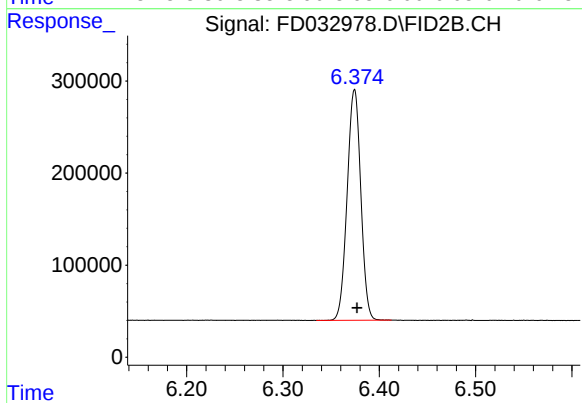
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 2402852
Conc: 17.94 ug/ml



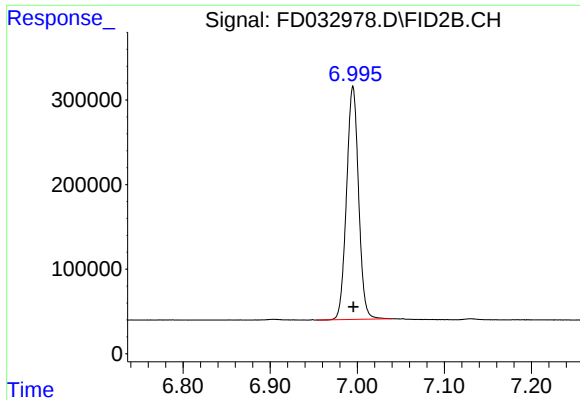
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 2631728
Conc: 17.86 ug/ml



#4 n-Dodecane (C12)

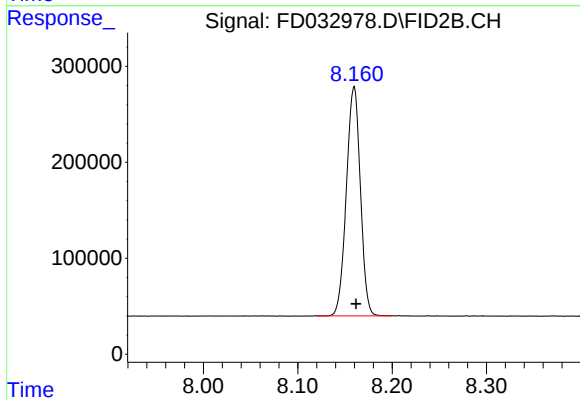
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 2448490
Conc: 18.06 ug/ml



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

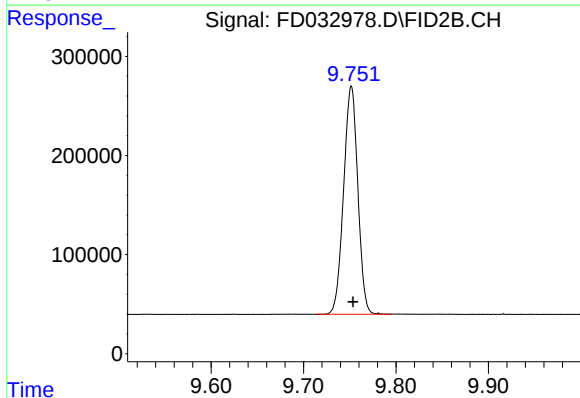
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 2643848
Conc: 17.80 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



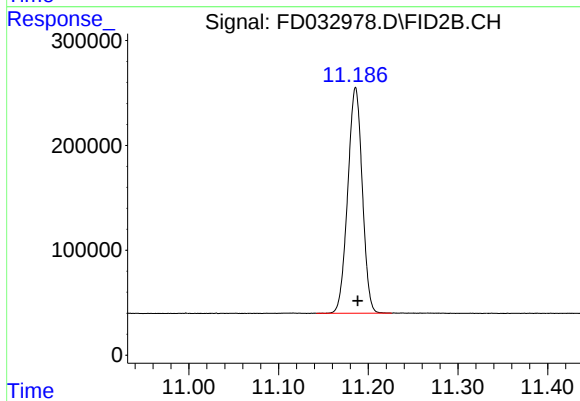
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: -0.002 min
Response: 2470136
Conc: 18.07 ug/ml



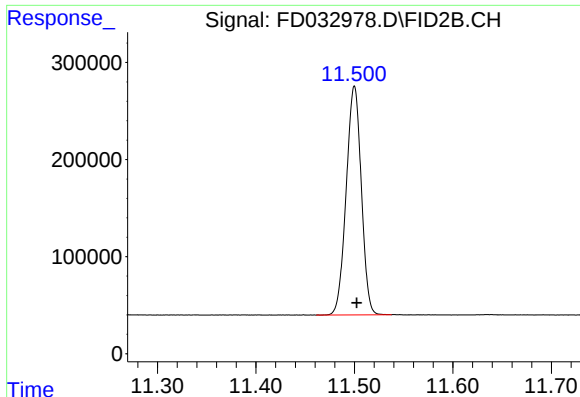
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.002 min
Response: 2458736
Conc: 17.90 ug/ml



#8 n-Octadecane (C18)

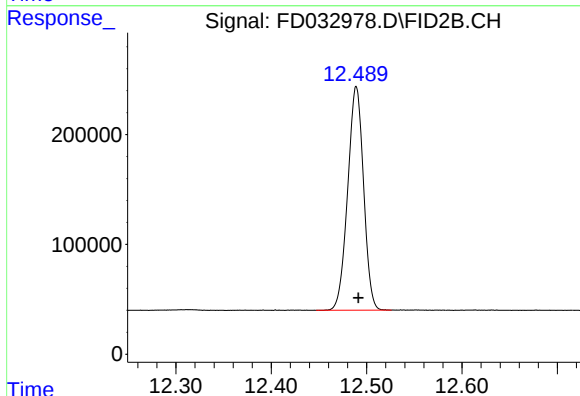
R.T.: 11.186 min
Delta R.T.: -0.003 min
Response: 2420510
Conc: 17.48 ug/ml



#9 ortho-Terphenyl (SURR)

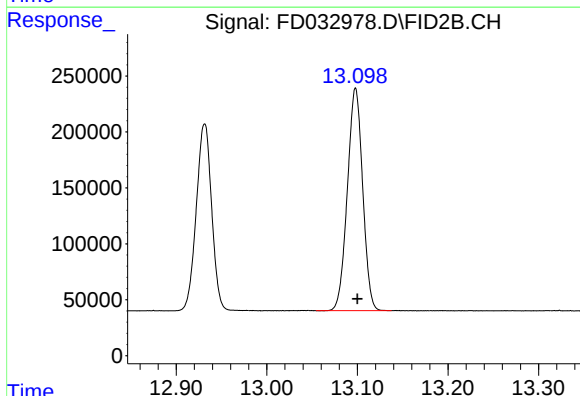
R.T.: 11.500 min
Delta R.T.: -0.002 min
Response: 2508364
Conc: 16.69 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



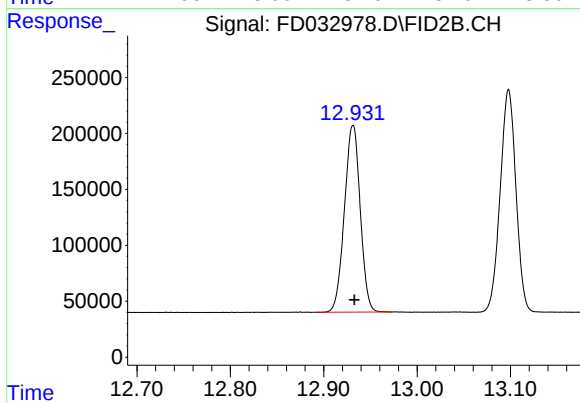
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.002 min
Response: 2357038
Conc: 16.97 ug/ml



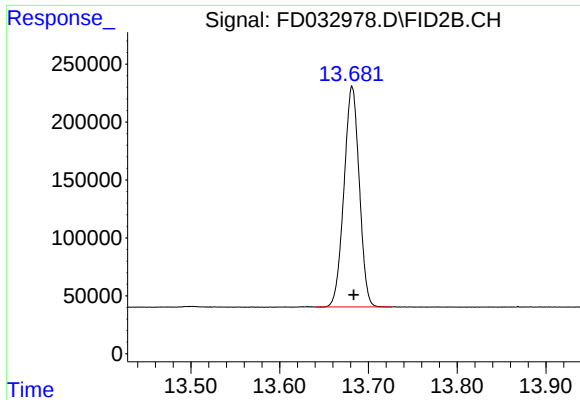
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.002 min
Response: 2335829
Conc: 16.68 ug/ml



#12 1-chlorooctadecane (SURR)

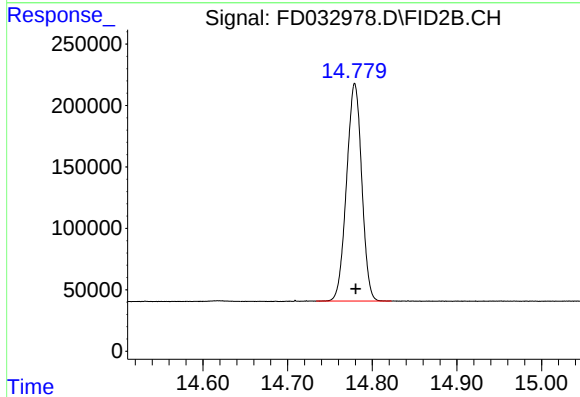
R.T.: 12.931 min
Delta R.T.: -0.001 min
Response: 1965529
Conc: 16.75 ug/ml



#13 n-Docosane (C22)

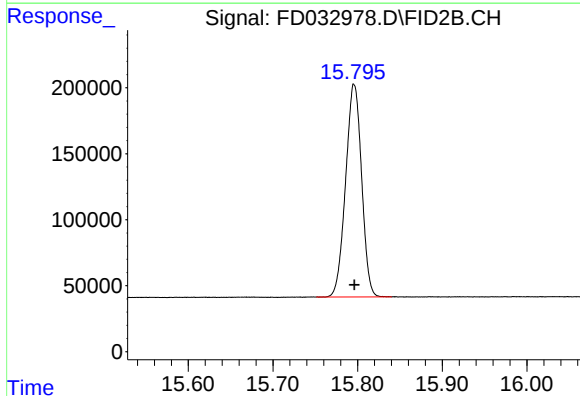
R.T.: 13.682 min
Delta R.T.: -0.002 min
Response: 2283551
Conc: 16.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



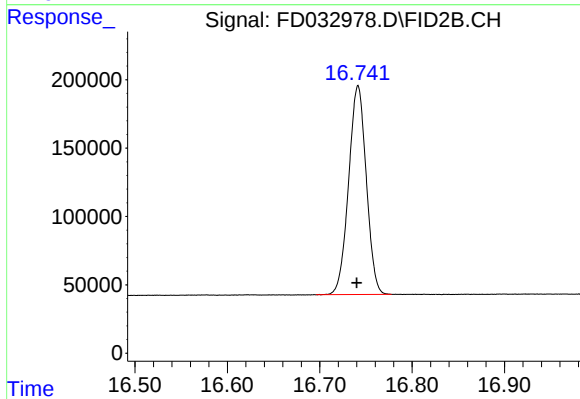
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: -0.001 min
Response: 2207695
Conc: 16.09 ug/ml



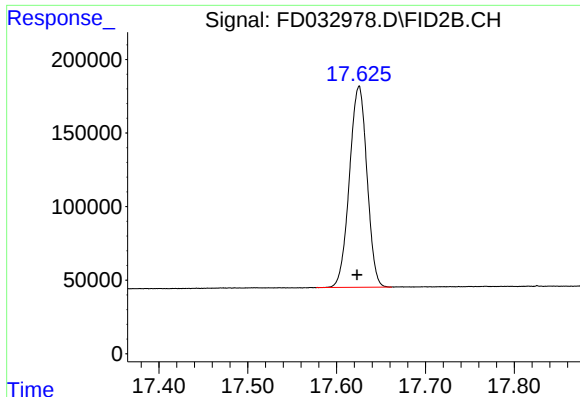
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: 0.000 min
Response: 2114837
Conc: 15.90 ug/ml



#16 n-Octacosane (C28)

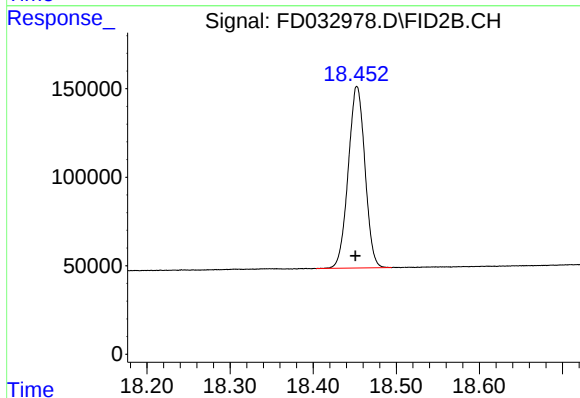
R.T.: 16.742 min
Delta R.T.: 0.001 min
Response: 2027992
Conc: 16.07 ug/ml



#17 n-Tricontane (C30)

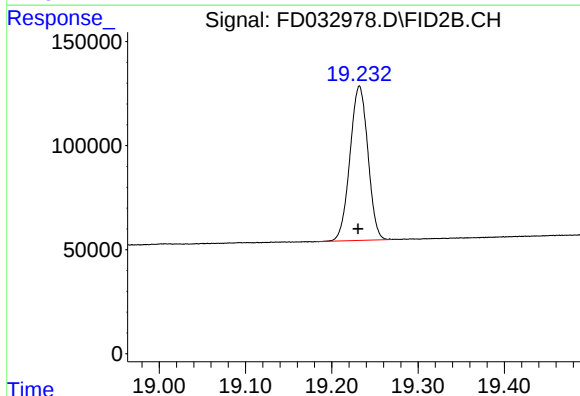
R.T.: 17.625 min
Delta R.T.: 0.002 min
Response: 1874198
Conc: 16.47 ug/ml

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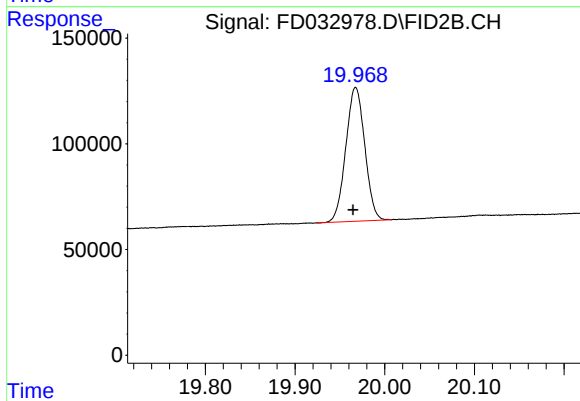
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: 0.002 min
Response: 1431888
Conc: 17.05 ug/ml



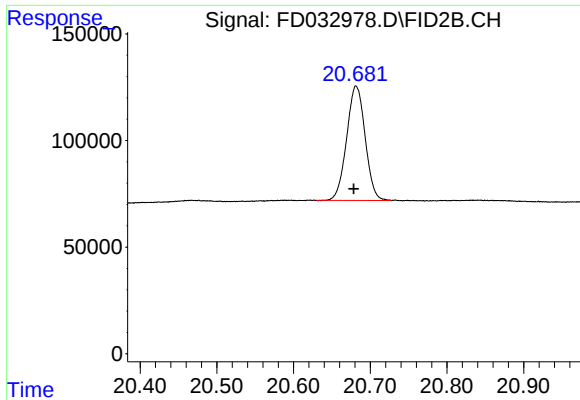
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.002 min
Response: 1070299
Conc: 17.65 ug/ml



#20 n-Hexatriacontane (C36)

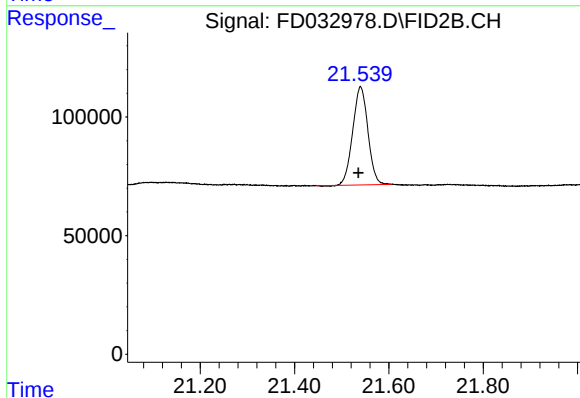
R.T.: 19.968 min
Delta R.T.: 0.003 min
Response: 931275
Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: 0.003 min
Response: 900133
Conc: 18.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.540 min
Delta R.T.: 0.004 min
Response: 926623
Conc: 18.36 ug/ml