

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040320AL\
 Data File : FD032832.D
 Signal(s) : FID2B.CH
 Acq On : 04 Apr 2020 9:40
 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: autoint1.e
 Quant Time: Apr 06 00:23:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 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)	11.503	2916763	20.333 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	12.934	2225238	19.921 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.314	2966247	23.363 ug/ml
2) T n-Decane (C10)	4.373	2990399	23.481 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3194702	22.514 ug/ml
4) T n-Dodecane (C12)	6.379	3007834	23.110 ug/ml
5) T A~2-methylnaphthalene...	6.998	3173537	21.934 ug/ml
6) T n-Tetradecane (C14)	8.164	2955927	22.459 ug/ml
7) T n-Hexadecane (C16)	9.756	2876240	21.716 ug/ml
8) T n-Octadecane (C18)	11.190	2805888	21.103 ug/ml
10) T n-Eicosane (C20)	12.492	2713675	20.537 ug/ml
11) T n-Heneicosane (C21)	13.100	2671159	20.156 ug/ml
13) T n-Docosane (C22)	13.684	2657956	20.266 ug/ml
14) T n-Tetracosane (C24)	14.781	2688391	20.650 ug/ml
15) T n-Hexacosane (C26)	15.797	2621280	20.578 ug/ml
16) T n-Octacosane (C28)	16.742	2606132	21.070 ug/ml
17) T n-Tricontane (C30)	17.625	2567657	21.812 ug/ml
18) T n-Dotriacontane (C32)	18.453	2218138	22.213 ug/ml
19) T n-Tetratriacontane (C34)	19.231	1873056	22.123 ug/ml
20) T n-Hexatriacontane (C36)	19.967	1747010	22.464 ug/ml
21) T n-Octatriacontane (C38)	20.680	1670167	22.576 ug/ml
22) T n-Tetracontane (C40)	21.537	1682305	20.759 ug/ml

(f)=RT Delta > 1/2 Window

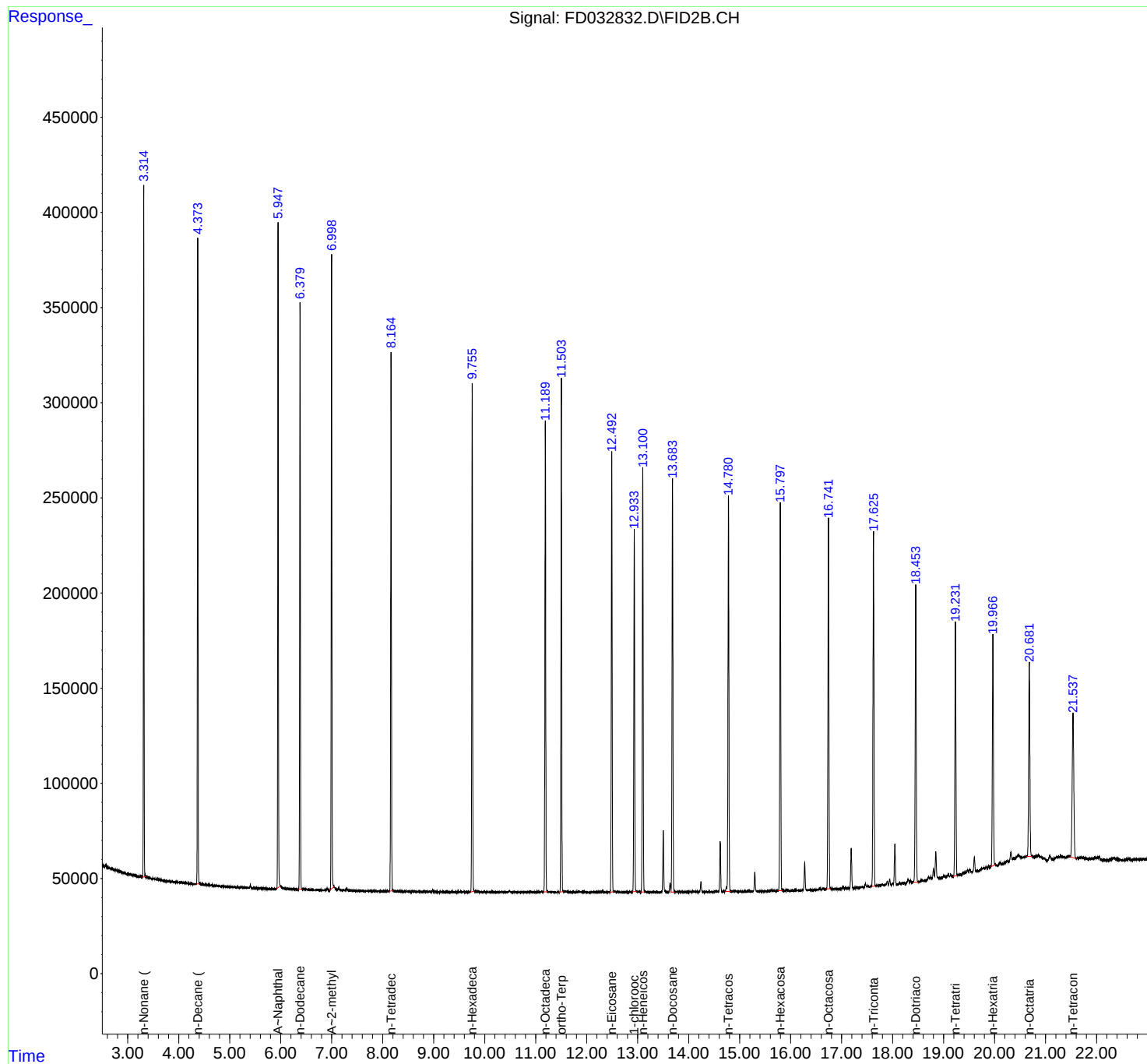
(m)=manual int.

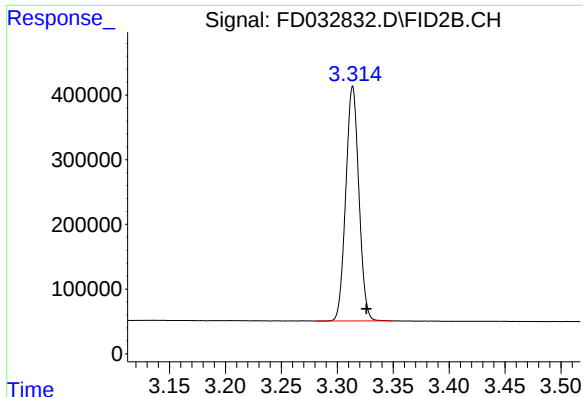
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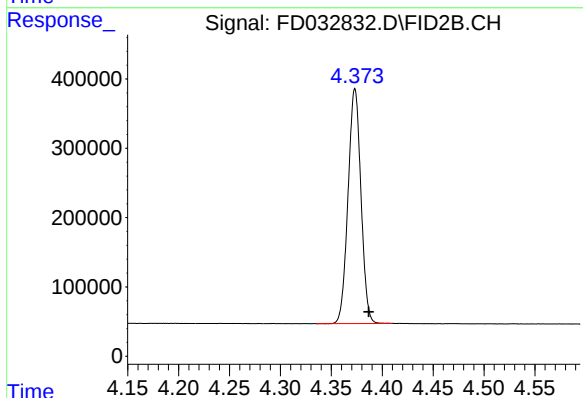




#1 n-Nonane (C9)

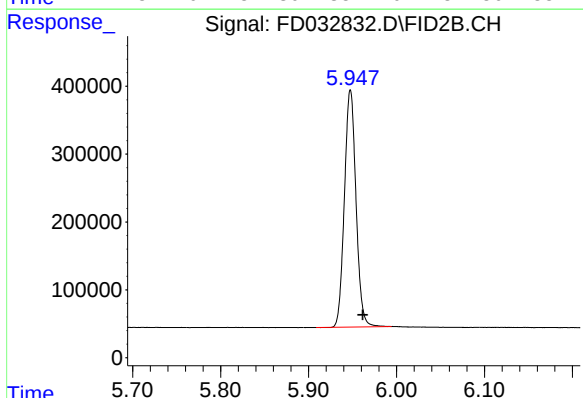
R.T.: 3.314 min
Delta R.T.: -0.012 min
Response: 2966247
Conc: 23.36 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



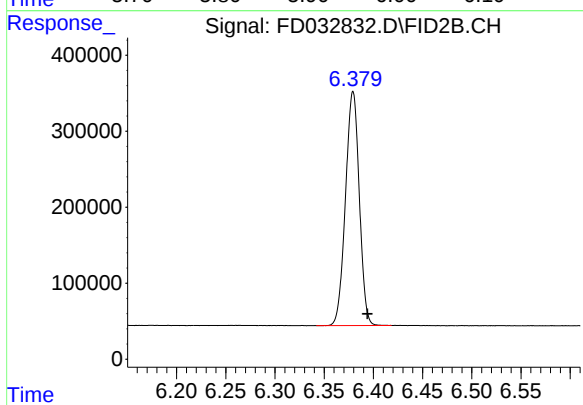
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.013 min
Response: 2990399
Conc: 23.48 ug/ml



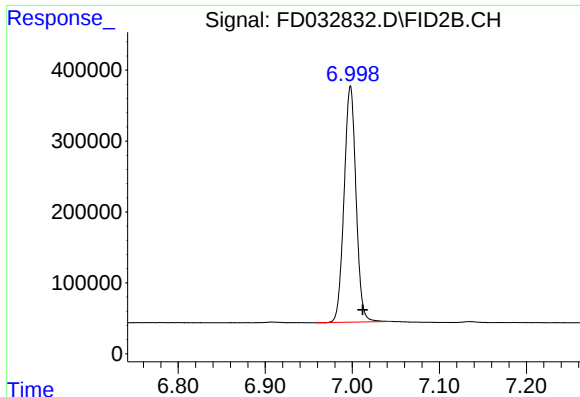
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.014 min
Response: 3194702
Conc: 22.51 ug/ml



#4 n-Dodecane (C12)

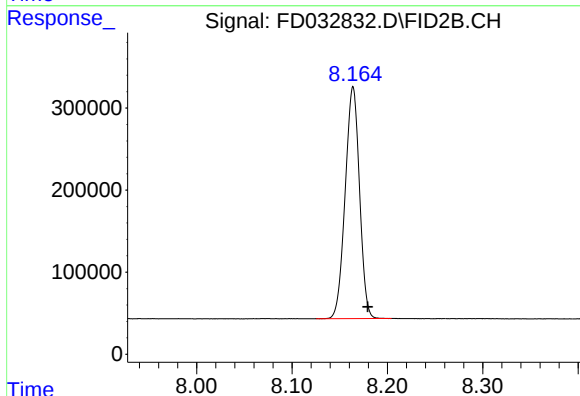
R.T.: 6.379 min
Delta R.T.: -0.014 min
Response: 3007834
Conc: 23.11 ug/ml



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

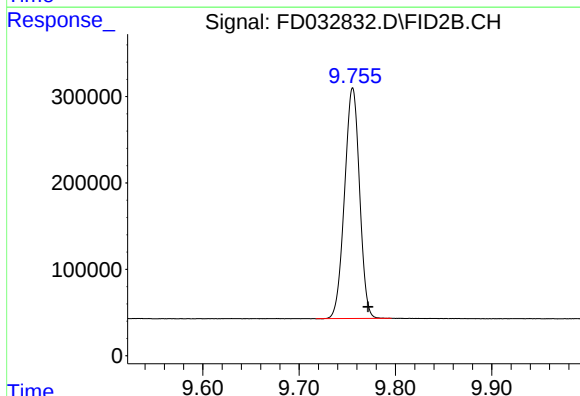
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 3173537
Conc: 21.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



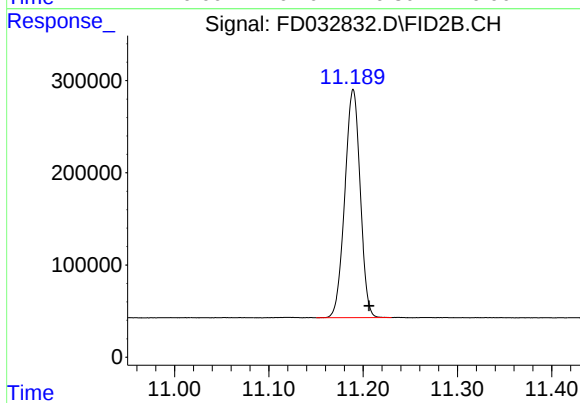
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.015 min
Response: 2955927
Conc: 22.46 ug/ml



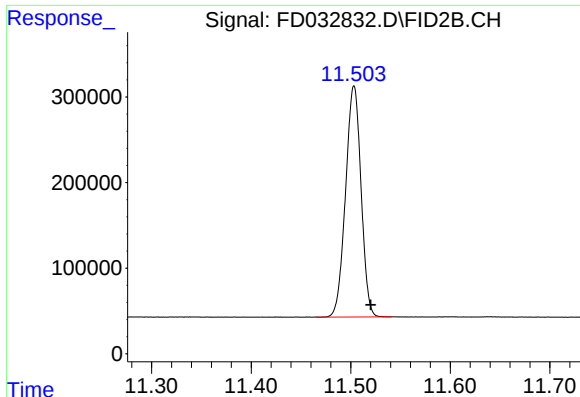
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: -0.016 min
Response: 2876240
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

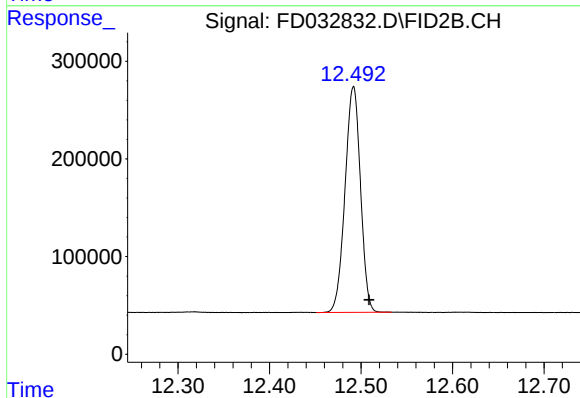
R.T.: 11.190 min
Delta R.T.: -0.017 min
Response: 2805888
Conc: 21.10 ug/ml



#9 ortho-Terphenyl (SURR)

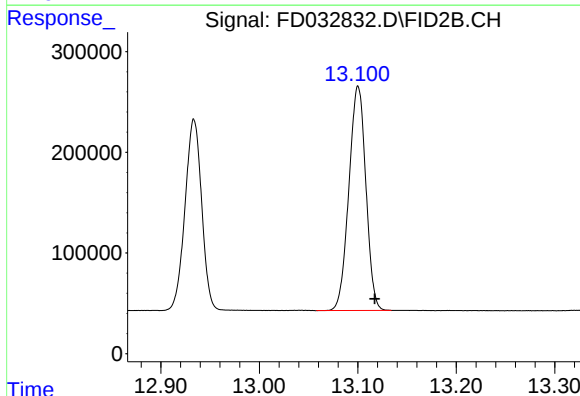
R.T.: 11.503 min
Delta R.T.: -0.017 min
Response: 2916763
Conc: 20.33 ug/ml

Instrument :
FID_D
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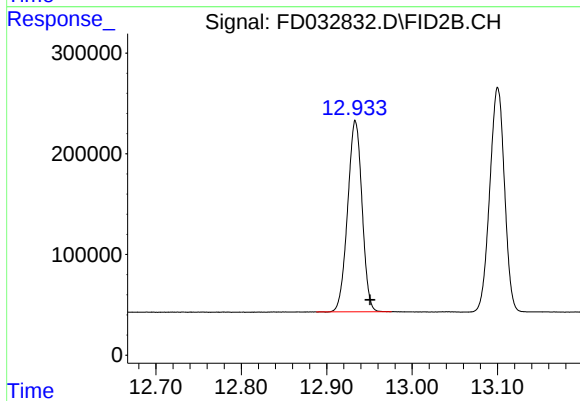
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.017 min
Response: 2713675
Conc: 20.54 ug/ml



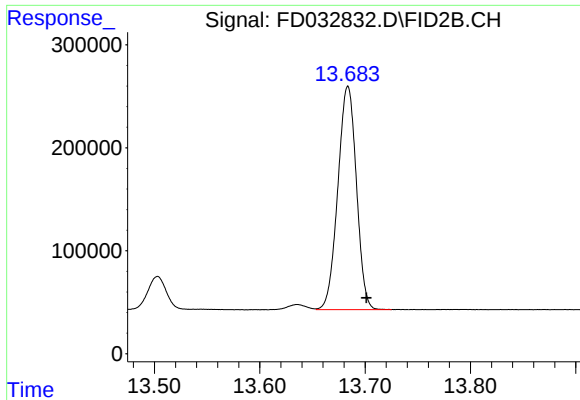
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.017 min
Response: 2671159
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

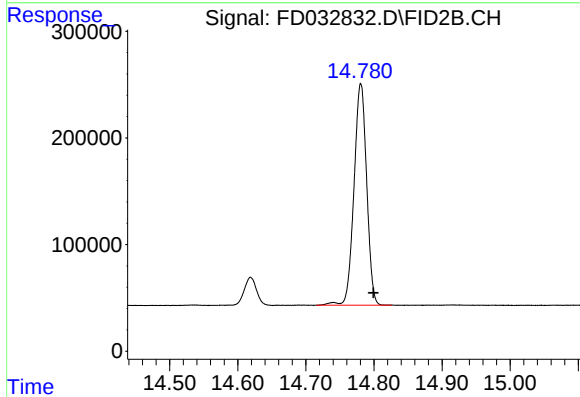
R.T.: 12.934 min
Delta R.T.: -0.017 min
Response: 2225238
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

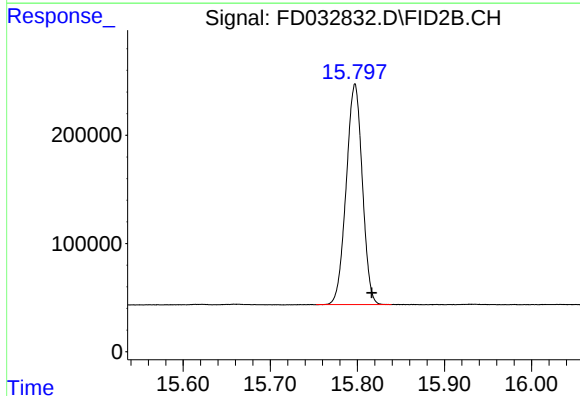
R.T.: 13.684 min
Delta R.T.: -0.017 min
Response: 2657956
Conc: 20.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



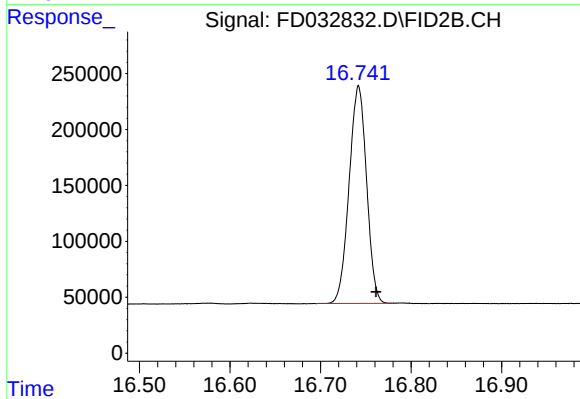
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: -0.019 min
Response: 2688391
Conc: 20.65 ug/ml



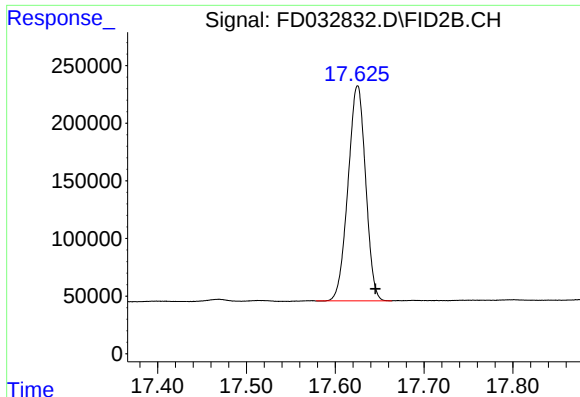
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.019 min
Response: 2621280
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

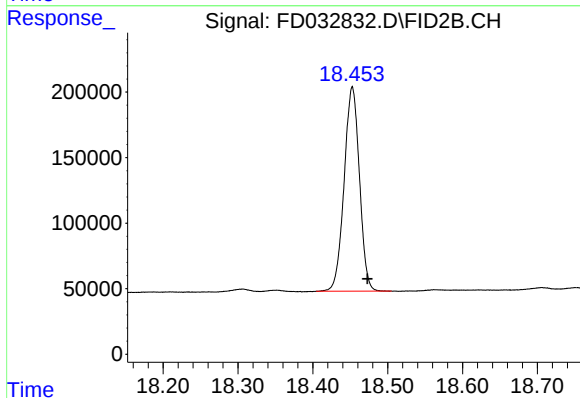
R.T.: 16.742 min
Delta R.T.: -0.019 min
Response: 2606132
Conc: 21.07 ug/ml



#17 n-Tricontane (C30)

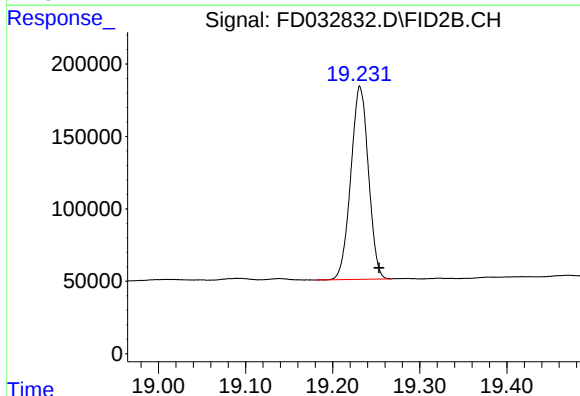
R.T.: 17.625 min
Delta R.T.: -0.020 min
Response: 2567657
Conc: 21.81 ug/ml

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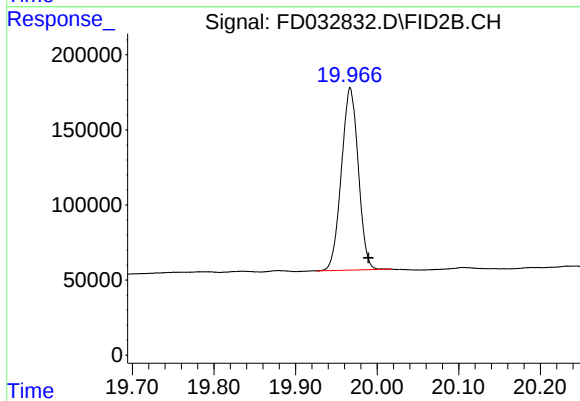
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.020 min
Response: 2218138
Conc: 22.21 ug/ml



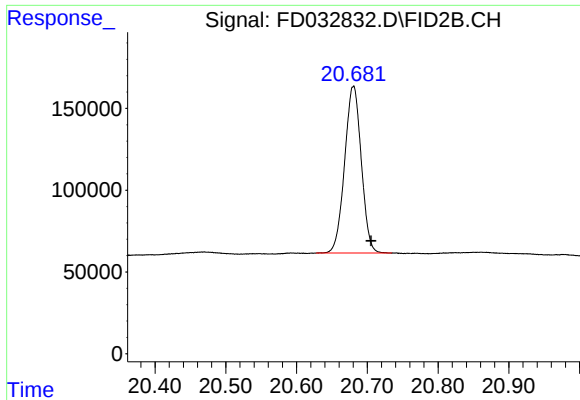
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: -0.022 min
Response: 1873056
Conc: 22.12 ug/ml



#20 n-Hexatriacontane (C36)

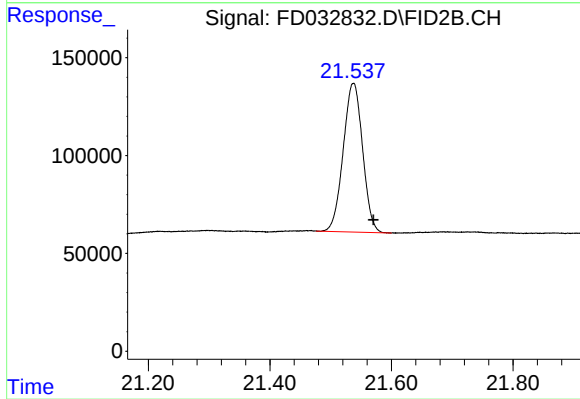
R.T.: 19.967 min
Delta R.T.: -0.022 min
Response: 1747010
Conc: 22.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: -0.025 min
Response: 1670167
Conc: 22.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.537 min
Delta R.T.: -0.033 min
Response: 1682305
Conc: 20.76 ug/ml