

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030961.D
 Signal(s) : FID2B.CH
 Acq On : 10 Oct 2019 15:08
 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: Oct 11 03:28:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 2019
 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)	11.451	2858789	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	12.879	2155809	19.869 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.278	2684494	22.852 ug/ml
2) T n-Decane (C10)	4.333	2694685	22.951 ug/ml
3) T A~Naphthalene (C11.7)	5.903	2940356	22.535 ug/ml
4) T n-Dodecane (C12)	6.336	2734303	22.977 ug/ml
5) T A~2-methylnaphthalene...	6.953	2948258	22.365 ug/ml
6) T n-Tetradecane (C14)	8.119	2723038	22.597 ug/ml
7) T n-Hexadecane (C16)	9.708	2693301	22.023 ug/ml
8) T n-Octadecane (C18)	11.140	2656032	21.323 ug/ml
10) T n-Eicosane (C20)	12.439	2583122	20.484 ug/ml
11) T n-Heneicosane (C21)	13.046	2555594	19.988 ug/ml
13) T n-Docosane (C22)	13.627	2505698	19.560 ug/ml
14) T n-Tetracosane (C24)	14.721	2420461	18.653 ug/ml
15) T n-Hexacosane (C26)	15.734	2314006	17.820 ug/ml
16) T n-Octacosane (C28)	16.675	2236428	17.274 ug/ml
17) T n-Tricontane (C30)	17.556	2207123	16.989 ug/ml
18) T n-Dotriacontane (C32)	18.380	2150188	17.072 ug/ml
19) T n-Tetratriacontane (C34)	19.157	2115724	17.384 ug/ml
20) T n-Hexatriacontane (C36)	19.889	2035867	17.650 ug/ml
21) T n-Octatriacontane (C38)	20.592	1989189	18.861 ug/ml
22) T n-Tetracontane (C40)	21.424	2038809	19.269 ug/ml

(f)=RT Delta > 1/2 Window

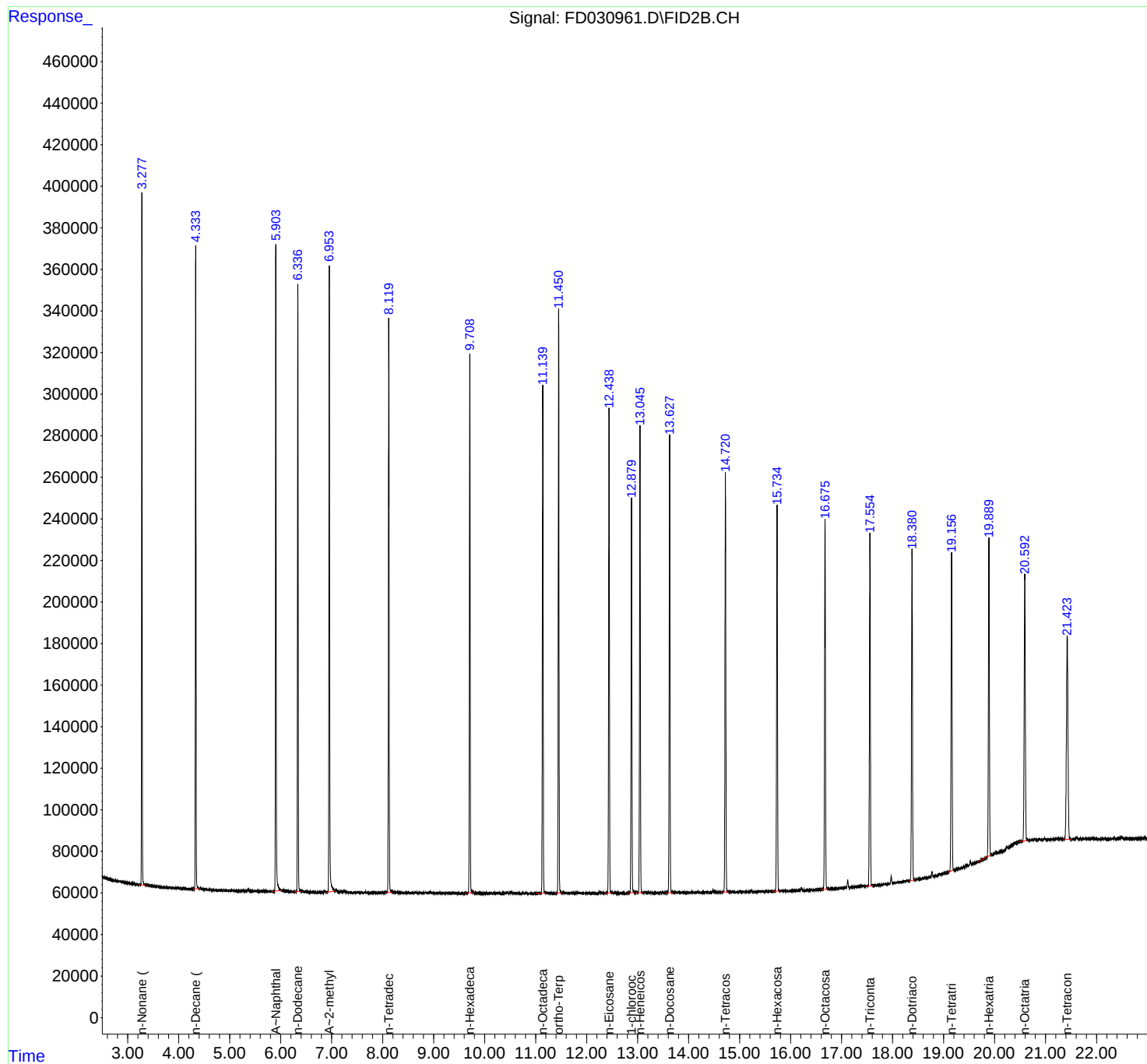
(m)=manual int.

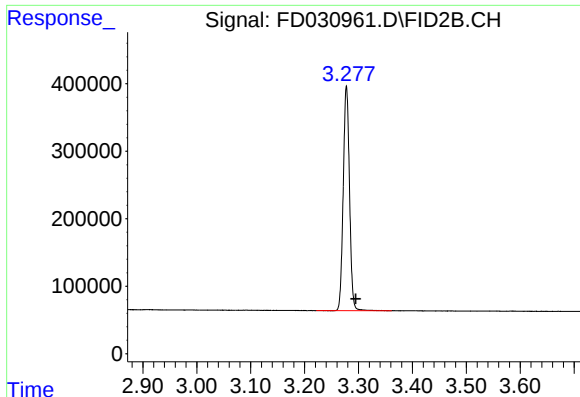
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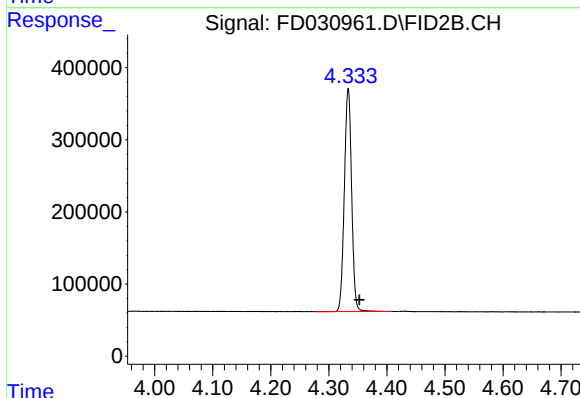




#1 n-Nonane (C9)

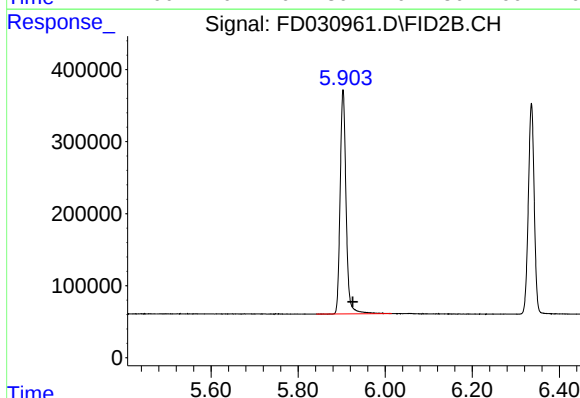
R.T.: 3.278 min
Delta R.T.: -0.017 min
Response: 2684494
Conc: 22.85 ug/ml

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20 PPM ALIPHATIC HC STD



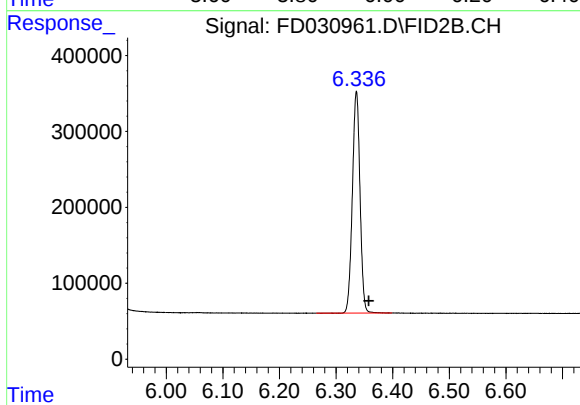
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.019 min
Response: 2694685
Conc: 22.95 ug/ml



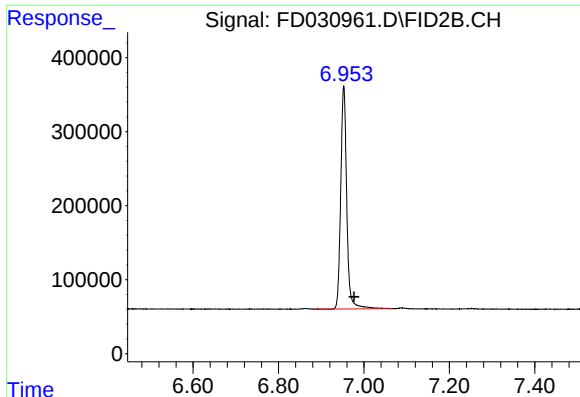
#3 A~Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: -0.022 min
Response: 2940356
Conc: 22.54 ug/ml



#4 n-Dodecane (C12)

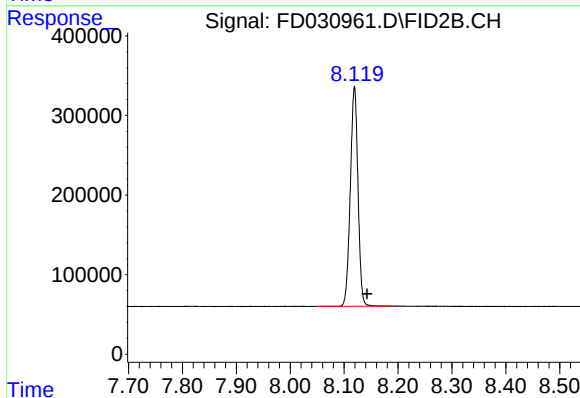
R.T.: 6.336 min
Delta R.T.: -0.022 min
Response: 2734303
Conc: 22.98 ug/ml



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

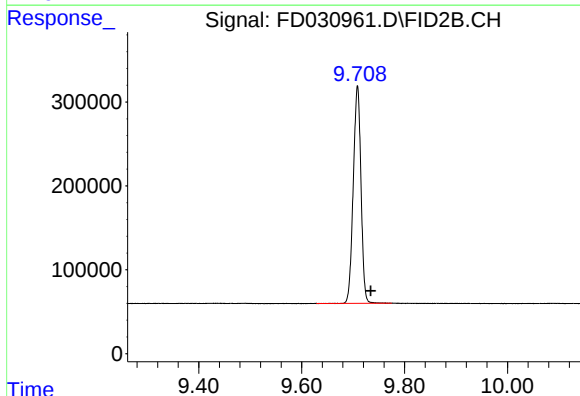
R.T.: 6.953 min
Delta R.T.: -0.024 min
Response: 2948258
Conc: 22.37 ug/ml

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20 PPM ALIPHATIC HC STD



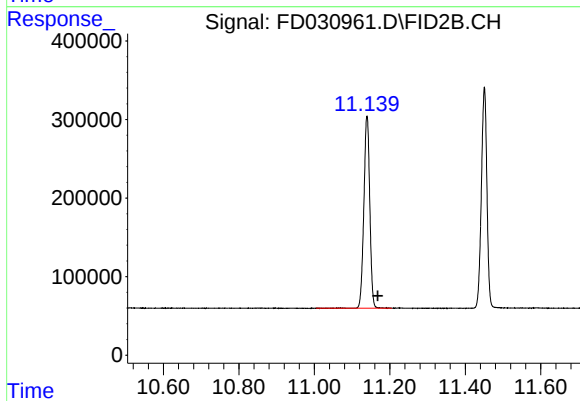
#6 n-Tetradecane (C14)

R.T.: 8.119 min
Delta R.T.: -0.024 min
Response: 2723038
Conc: 22.60 ug/ml



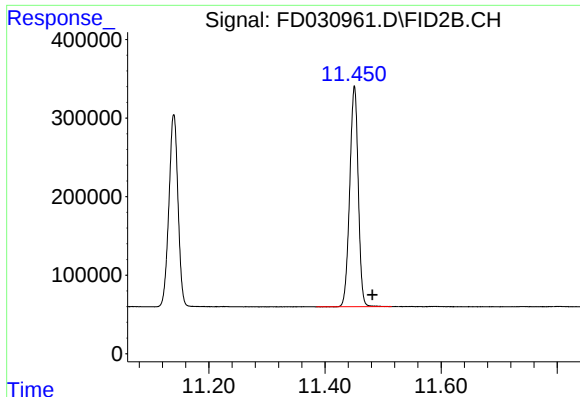
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.026 min
Response: 2693301
Conc: 22.02 ug/ml



#8 n-Octadecane (C18)

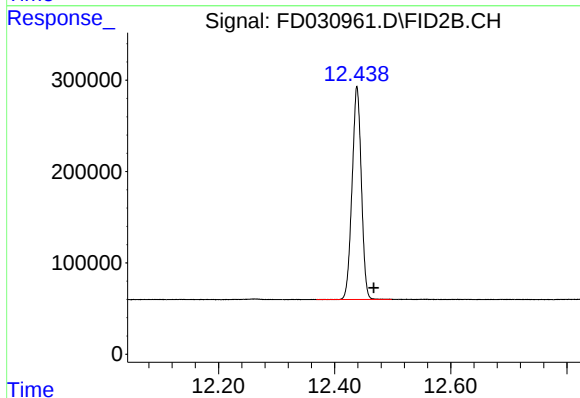
R.T.: 11.140 min
Delta R.T.: -0.029 min
Response: 2656032
Conc: 21.32 ug/ml



#9 ortho-Terphenyl (SURR)

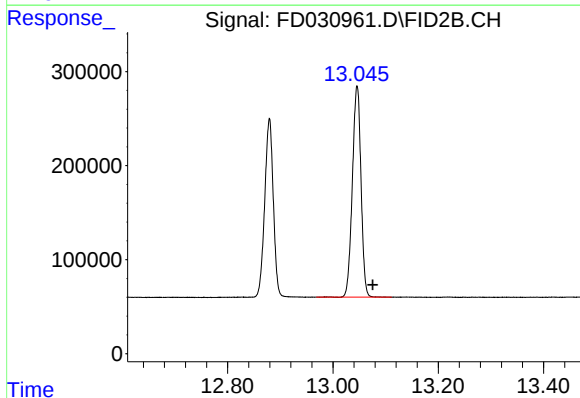
R.T.: 11.451 min
Delta R.T.: -0.031 min
Response: 2858789
Conc: 20.38 ug/ml

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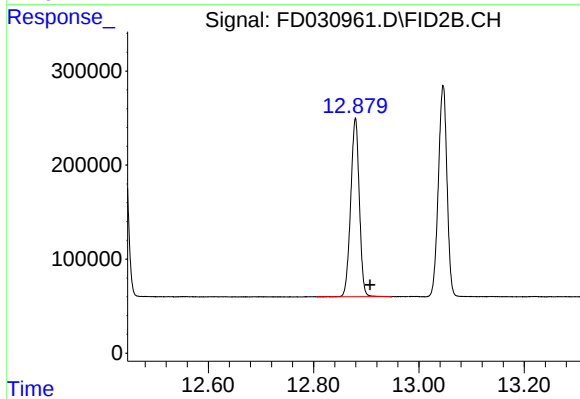
#10 n-Eicosane (C20)

R.T.: 12.439 min
Delta R.T.: -0.029 min
Response: 2583122
Conc: 20.48 ug/ml



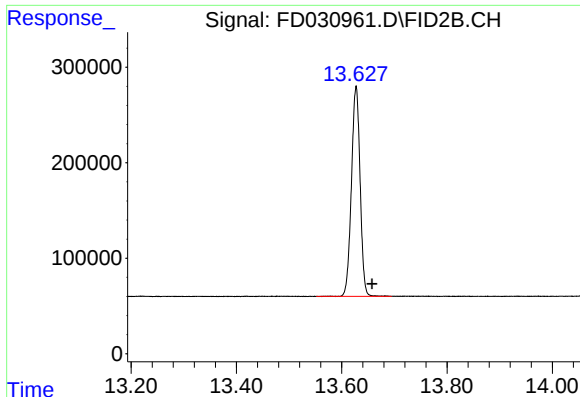
#11 n-Heneicosane (C21)

R.T.: 13.046 min
Delta R.T.: -0.030 min
Response: 2555594
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

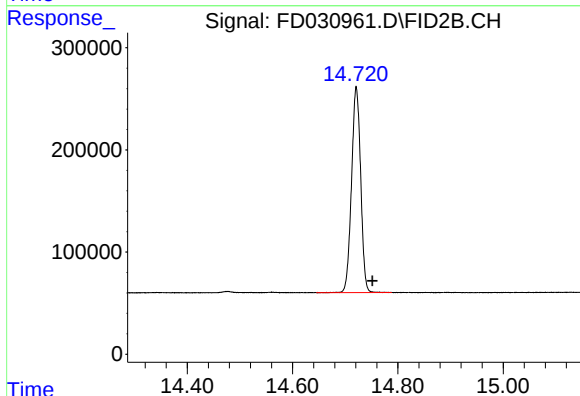
R.T.: 12.879 min
Delta R.T.: -0.028 min
Response: 2155809
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

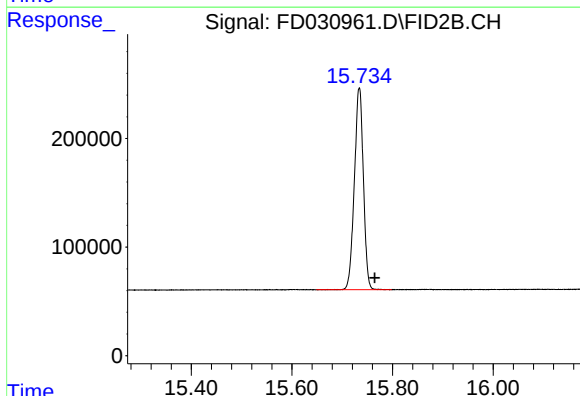
R.T.: 13.627 min
Delta R.T.: -0.030 min
Response: 2505698
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



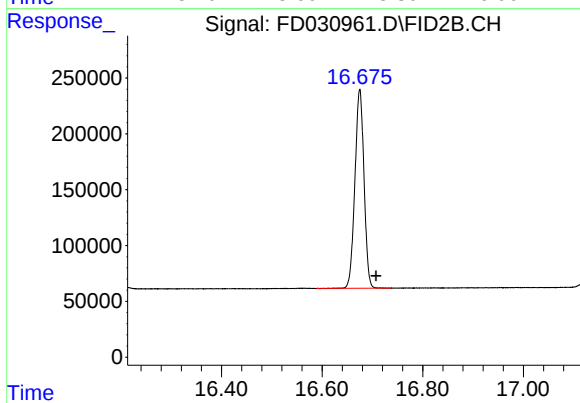
#14 n-Tetracosane (C24)

R.T.: 14.721 min
Delta R.T.: -0.031 min
Response: 2420461
Conc: 18.65 ug/ml



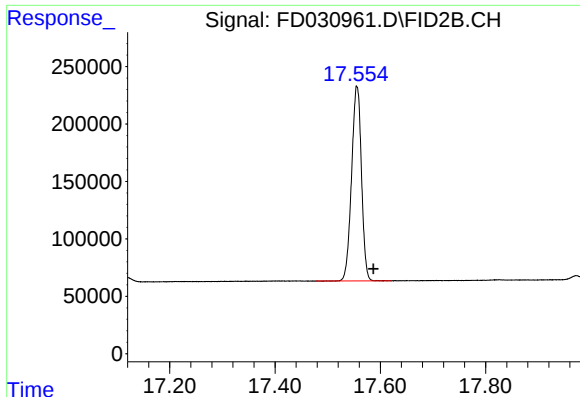
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: -0.031 min
Response: 2314006
Conc: 17.82 ug/ml



#16 n-Octacosane (C28)

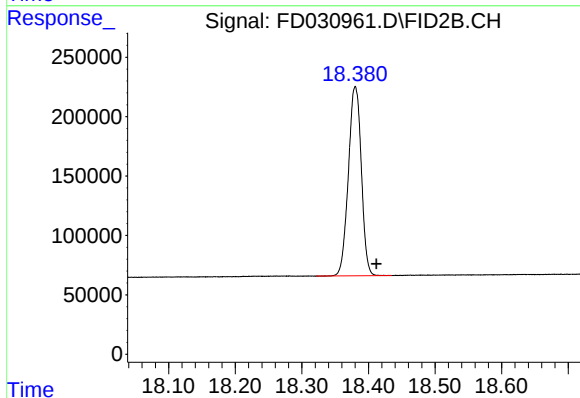
R.T.: 16.675 min
Delta R.T.: -0.032 min
Response: 2236428
Conc: 17.27 ug/ml



#17 n-Tricontane (C30)

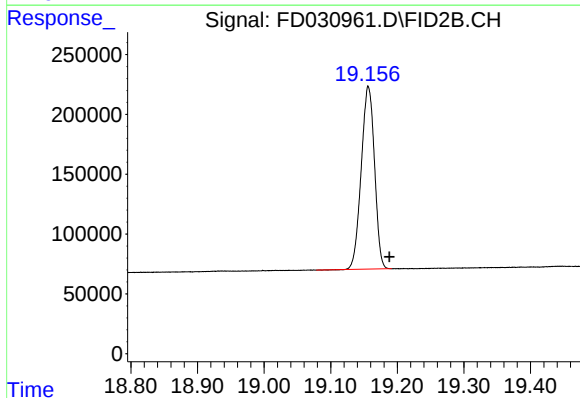
R.T.: 17.556 min
Delta R.T.: -0.031 min
Response: 2207123
Conc: 16.99 ug/ml

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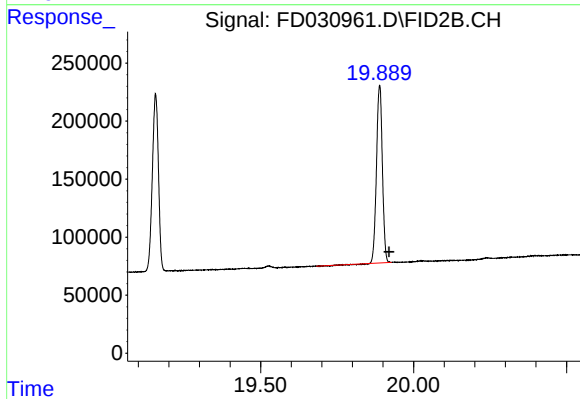
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: -0.032 min
Response: 2150188
Conc: 17.07 ug/ml



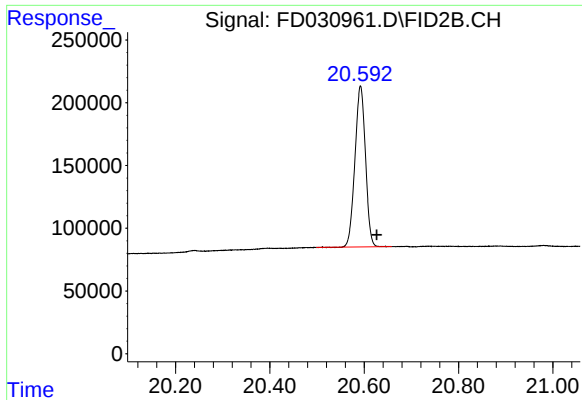
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.031 min
Response: 2115724
Conc: 17.38 ug/ml



#20 n-Hexatriacontane (C36)

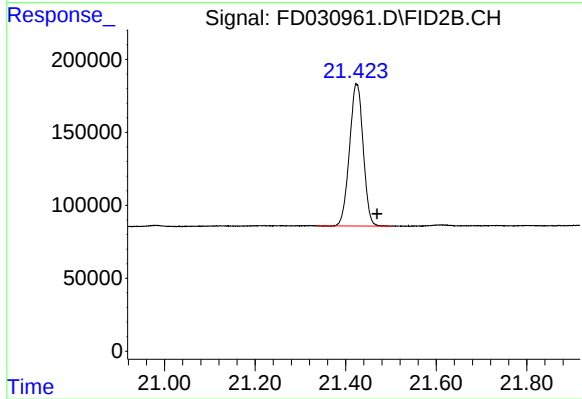
R.T.: 19.889 min
Delta R.T.: -0.031 min
Response: 2035867
Conc: 17.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.592 min
Delta R.T.: -0.034 min
Response: 1989189
Conc: 18.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.424 min
Delta R.T.: -0.045 min
Response: 2038809
Conc: 19.27 ug/ml