

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090920AL\
 Data File : FD034702.D
 Signal(s) : FID2B.CH
 Acq On : 09 Sep 2020 10:24
 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: Sep 09 14:42:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 01:55:21 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)	11.593	2536043	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	13.022	1973282	20.147 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
Target Compounds			
1) T n-Nonane (C9)	3.371	2336466	21.519 ug/ml
2) T n-Decane (C10)	4.439	2361013	21.547 ug/ml
3) T A~Naphthalene (C11.7)	6.024	2603588	21.632 ug/ml
4) T n-Dodecane (C12)	6.453	2410857	21.617 ug/ml
5) T A~2-methylnaphthalene...	7.077	2656352	21.593 ug/ml
6) T n-Tetradecane (C14)	8.242	2405648	21.398 ug/ml
7) T n-Hexadecane (C16)	9.838	2351188	21.121 ug/ml
8) T n-Octadecane (C18)	11.275	2414324	20.797 ug/ml
10) T n-Eicosane (C20)	12.579	2384966	20.390 ug/ml
11) T n-Heneicosane (C21)	13.188	2351853	20.164 ug/ml
13) T n-Docosane (C22)	13.772	2322240	19.976 ug/ml
14) T n-Tetracosane (C24)	14.871	2279120	19.722 ug/ml
15) T n-Hexacosane (C26)	15.888	2216750	19.560 ug/ml
16) T n-Octacosane (C28)	16.831	2175553	19.435 ug/ml
17) T n-Tricontane (C30)	17.715	2127110	19.612 ug/ml
18) T n-Dotriacontane (C32)	18.544	1994327	19.792 ug/ml
19) T n-Tetratriacontane (C34)	19.323	1894764	20.065 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1796289	20.677 ug/ml
21) T n-Octatriacontane (C38)	20.787	1726586	21.041 ug/ml
22) T n-Tetracontane (C40)	21.687	1773775	20.893 ug/ml

(f)=RT Delta > 1/2 Window

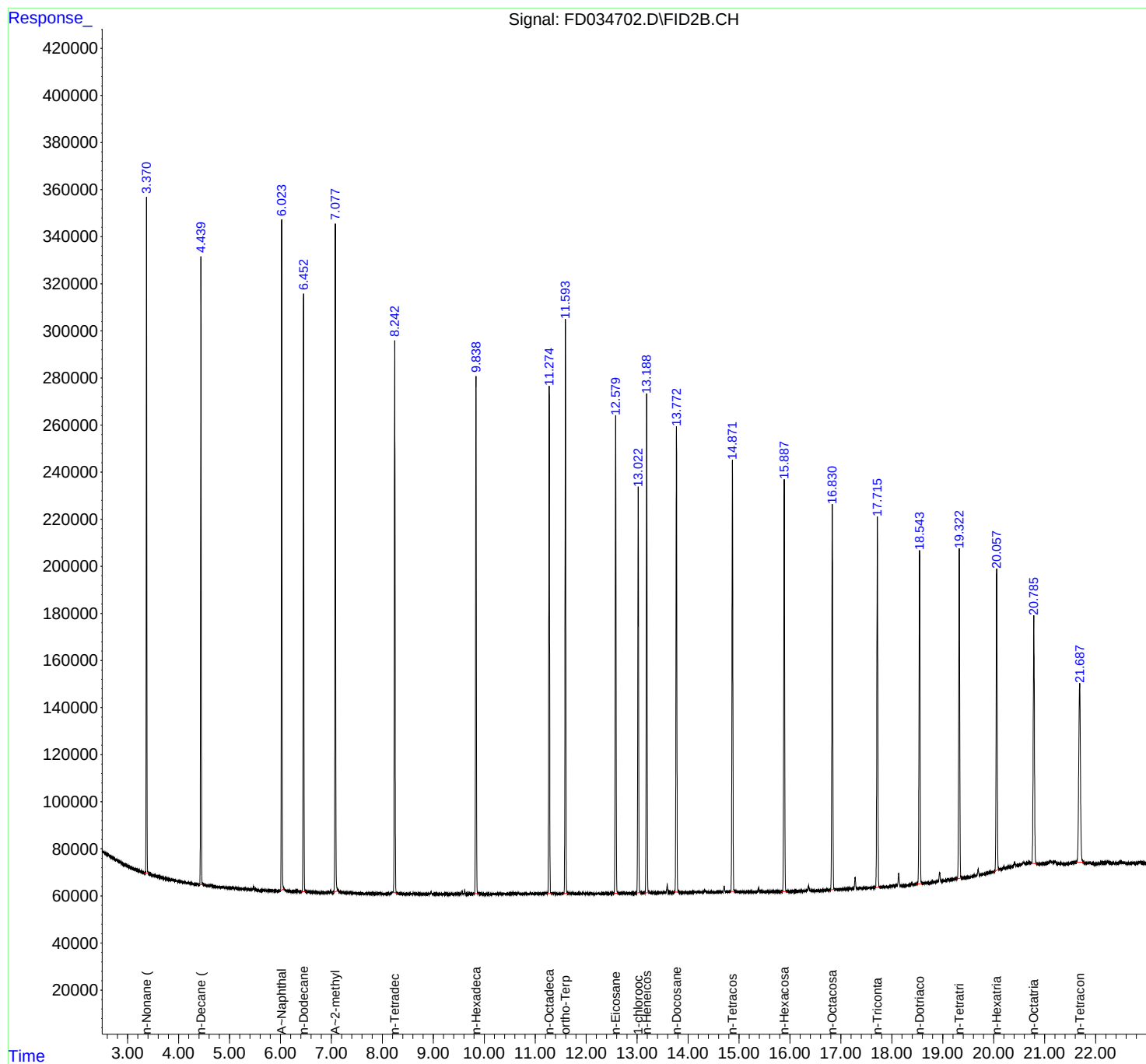
(m)=manual int.

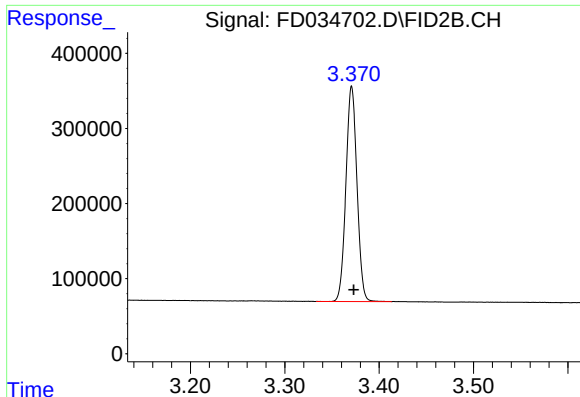
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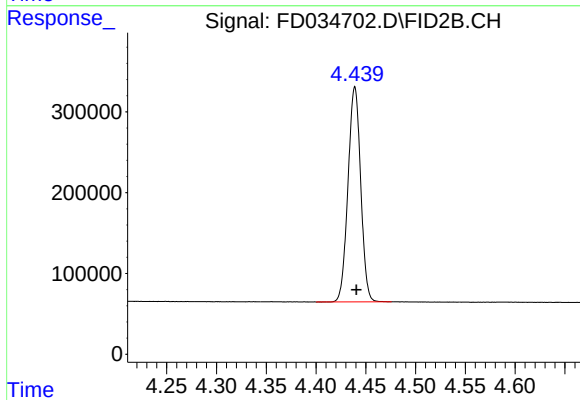




#1 n-Nonane (C9)

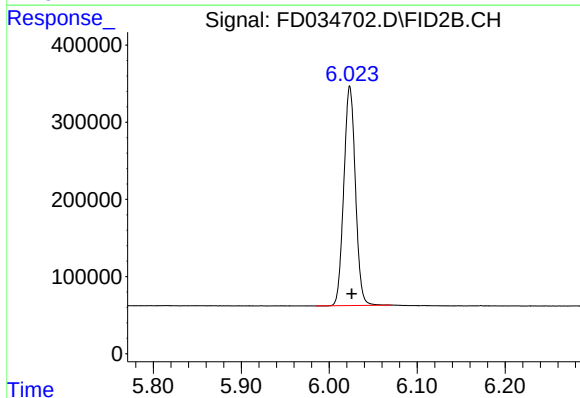
R.T.: 3.371 min
Delta R.T.: -0.002 min
Response: 2336466
Conc: 21.52 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



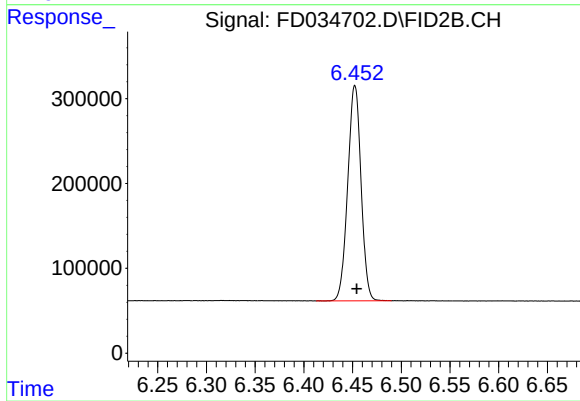
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2361013
Conc: 21.55 ug/ml



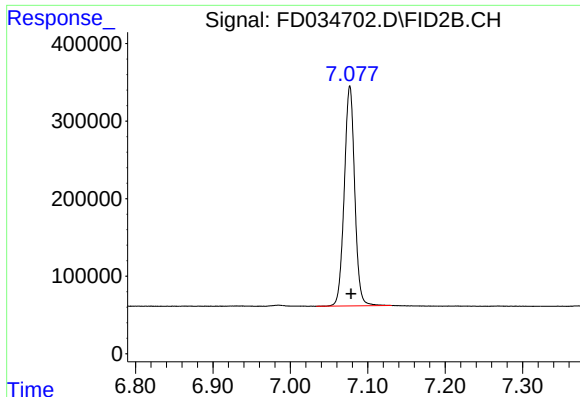
#3 A~Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 2603588
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

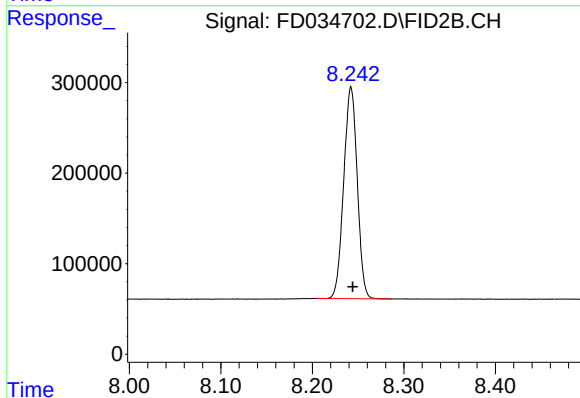
R.T.: 6.453 min
Delta R.T.: -0.002 min
Response: 2410857
Conc: 21.62 ug/ml



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

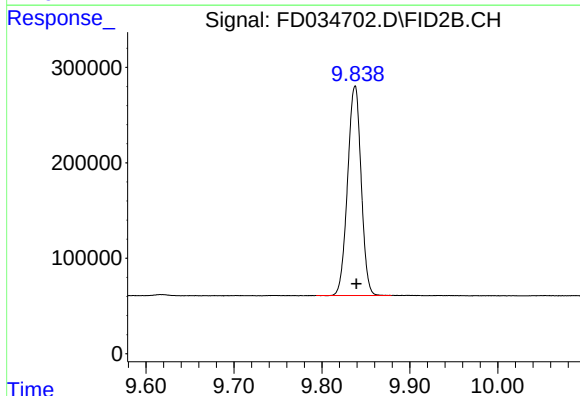
R.T.: 7.077 min
Delta R.T.: -0.001 min
Response: 2656352
Conc: 21.59 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



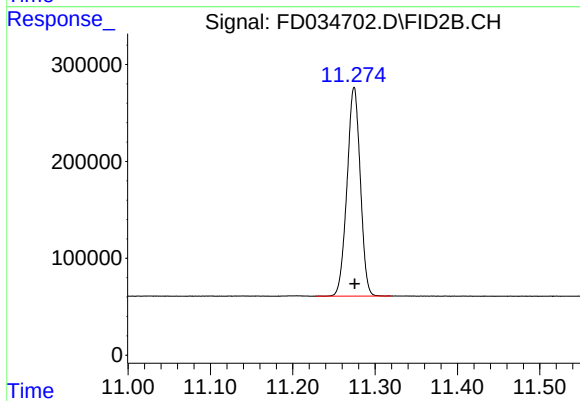
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.002 min
Response: 2405648
Conc: 21.40 ug/ml



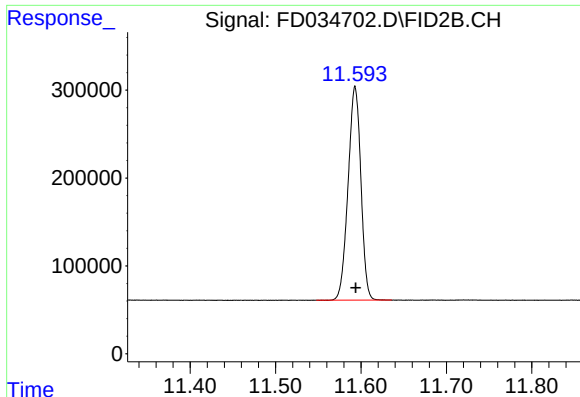
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: -0.002 min
Response: 2351188
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

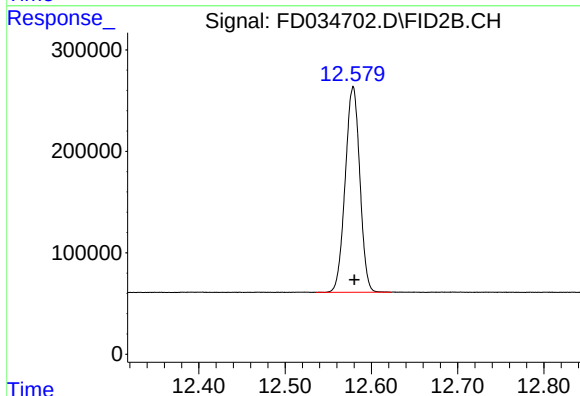
R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 2414324
Conc: 20.80 ug/ml



#9 ortho-Terphenyl (SURR)

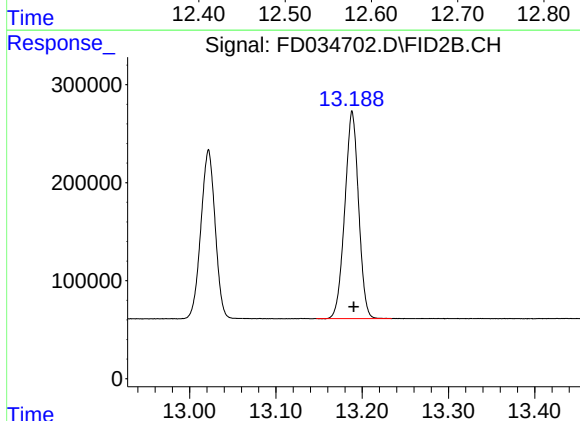
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 2536043
Conc: 20.52 ug/ml

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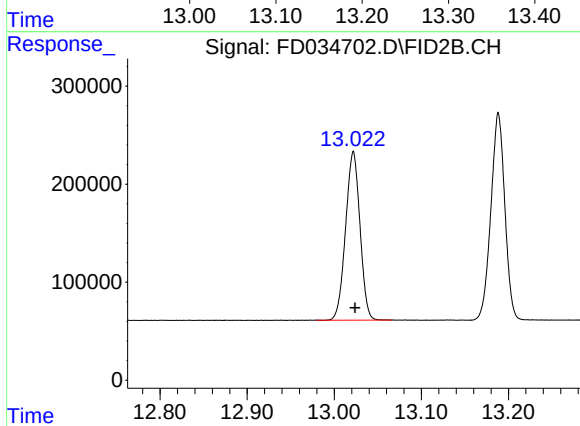
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: -0.001 min
Response: 2384966
Conc: 20.39 ug/ml



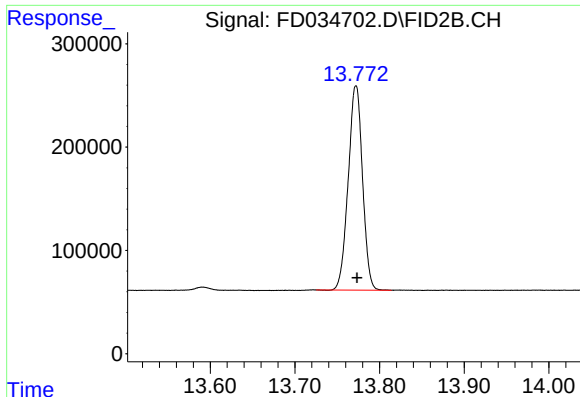
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.002 min
Response: 2351853
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

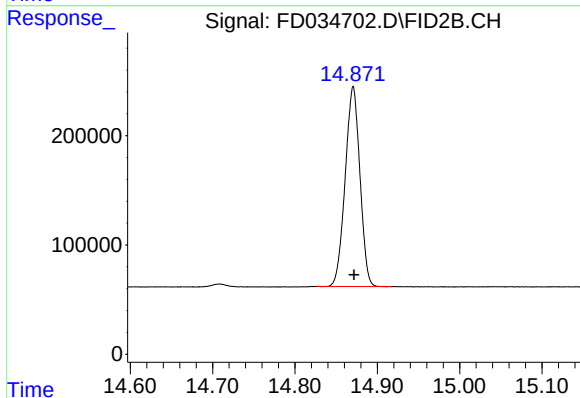
R.T.: 13.022 min
Delta R.T.: -0.002 min
Response: 1973282
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

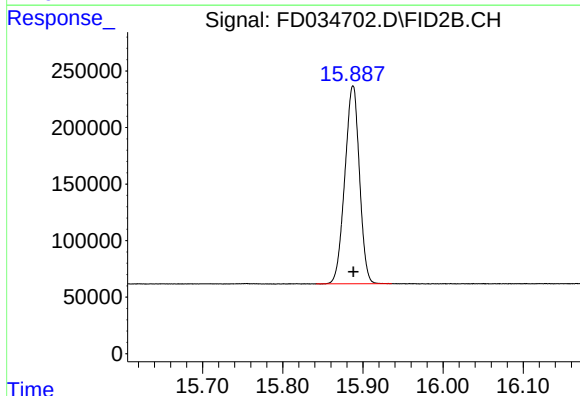
R.T.: 13.772 min
Delta R.T.: -0.001 min
Response: 2322240
Conc: 19.98 ug/ml

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20 PPM ALIPHATIC HC STD



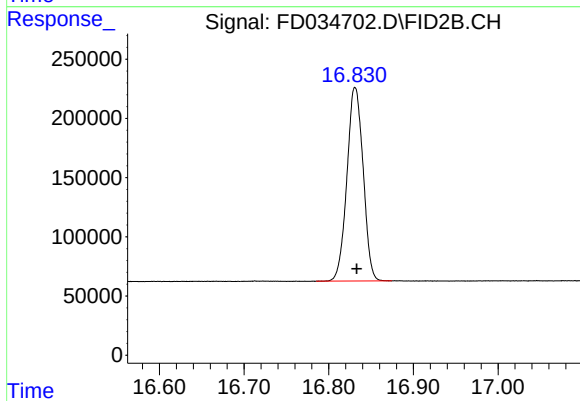
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.001 min
Response: 2279120
Conc: 19.72 ug/ml



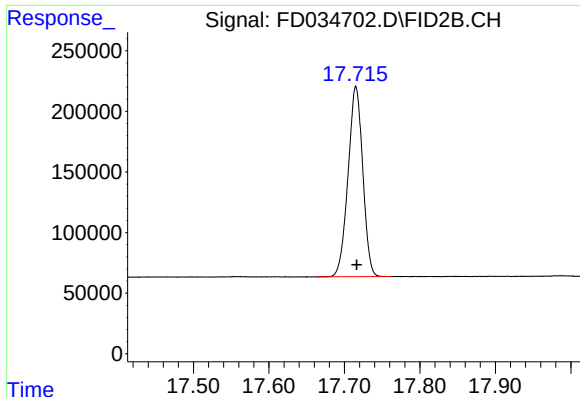
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 2216750
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

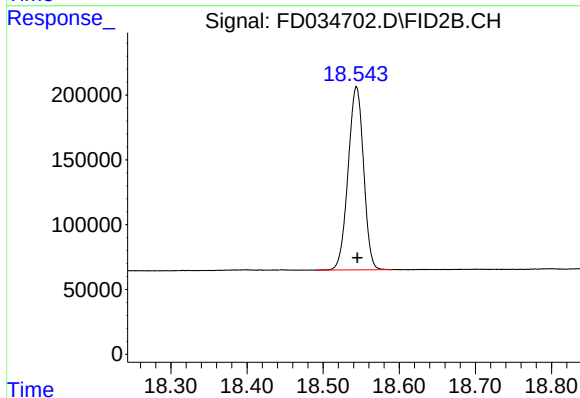
R.T.: 16.831 min
Delta R.T.: -0.002 min
Response: 2175553
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

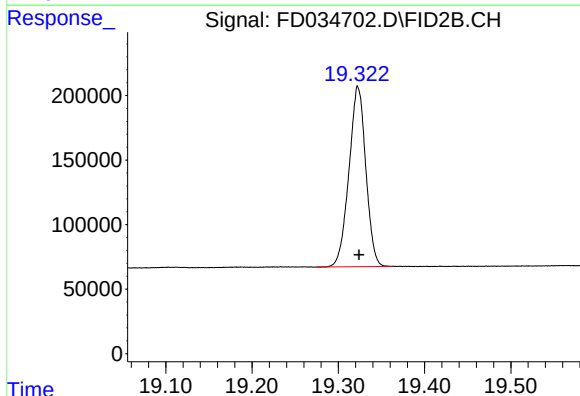
R.T.: 17.715 min
Delta R.T.: -0.001 min
Response: 2127110
Conc: 19.61 ug/ml

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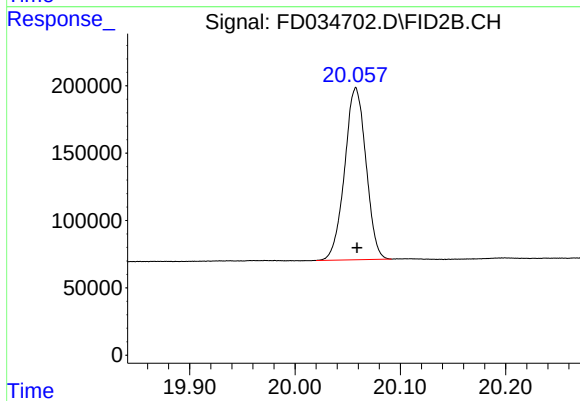
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.000 min
Response: 1994327
Conc: 19.79 ug/ml



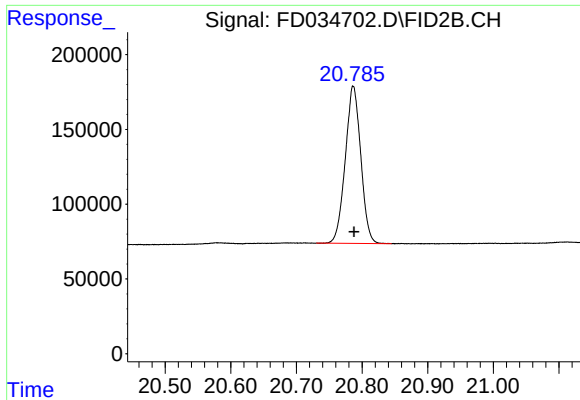
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: -0.001 min
Response: 1894764
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

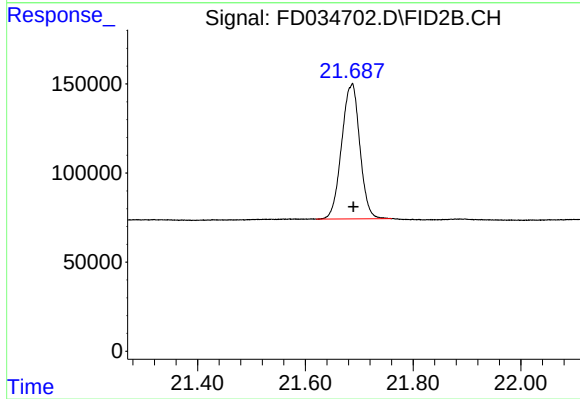
R.T.: 20.058 min
Delta R.T.: -0.001 min
Response: 1796289
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.001 min
Response: 1726586
Conc: 21.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.687 min
Delta R.T.: -0.002 min
Response: 1773775
Conc: 20.89 ug/ml