

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071221AL\
 Data File : FD038159.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2021 11:02
 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: Jul 13 02:08:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.419	2677790	18.525 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	12.855	2015027	17.674 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.234	2402377	19.770 ug/ml
2) T n-Decane (C10)	4.290	2439508	19.945 ug/ml
3) T A~Naphthalene (C11.7)	5.859	2697732	19.734 ug/ml
4) T n-Dodecane (C12)	6.296	2492604	20.013 ug/ml
5) T A~2-methylnaphthalene...	6.911	2694366	19.561 ug/ml
6) T n-Tetradecane (C14)	8.083	2550597	19.844 ug/ml
7) T n-Hexadecane (C16)	9.675	2536855	19.577 ug/ml
8) T n-Octadecane (C18)	11.110	2566930	19.060 ug/ml
10) T n-Eicosane (C20)	12.414	2481164	18.472 ug/ml
11) T n-Heneicosane (C21)	13.022	2467819	18.164 ug/ml
13) T n-Docosane (C22)	13.605	2430615	18.065 ug/ml
14) T n-Tetracosane (C24)	14.702	2355658	17.445 ug/ml
15) T n-Hexacosane (C26)	15.717	2250506	17.081 ug/ml
16) T n-Octacosane (C28)	16.662	2163223	16.591 ug/ml
17) T n-Tricontane (C30)	17.544	2061820	16.134 ug/ml
18) T n-Dotriacontane (C32)	18.373	1963403	15.957 ug/ml
19) T n-Tetratriacontane (C34)	19.153	1867310	15.946 ug/ml
20) T n-Hexatriacontane (C36)	19.889	1788846	16.380 ug/ml
21) T n-Octatriacontane (C38)	20.594	1678949	16.670 ug/ml
22) T n-Tetracontane (C40)	21.423	1698830	17.370 ug/ml

(f)=RT Delta > 1/2 Window

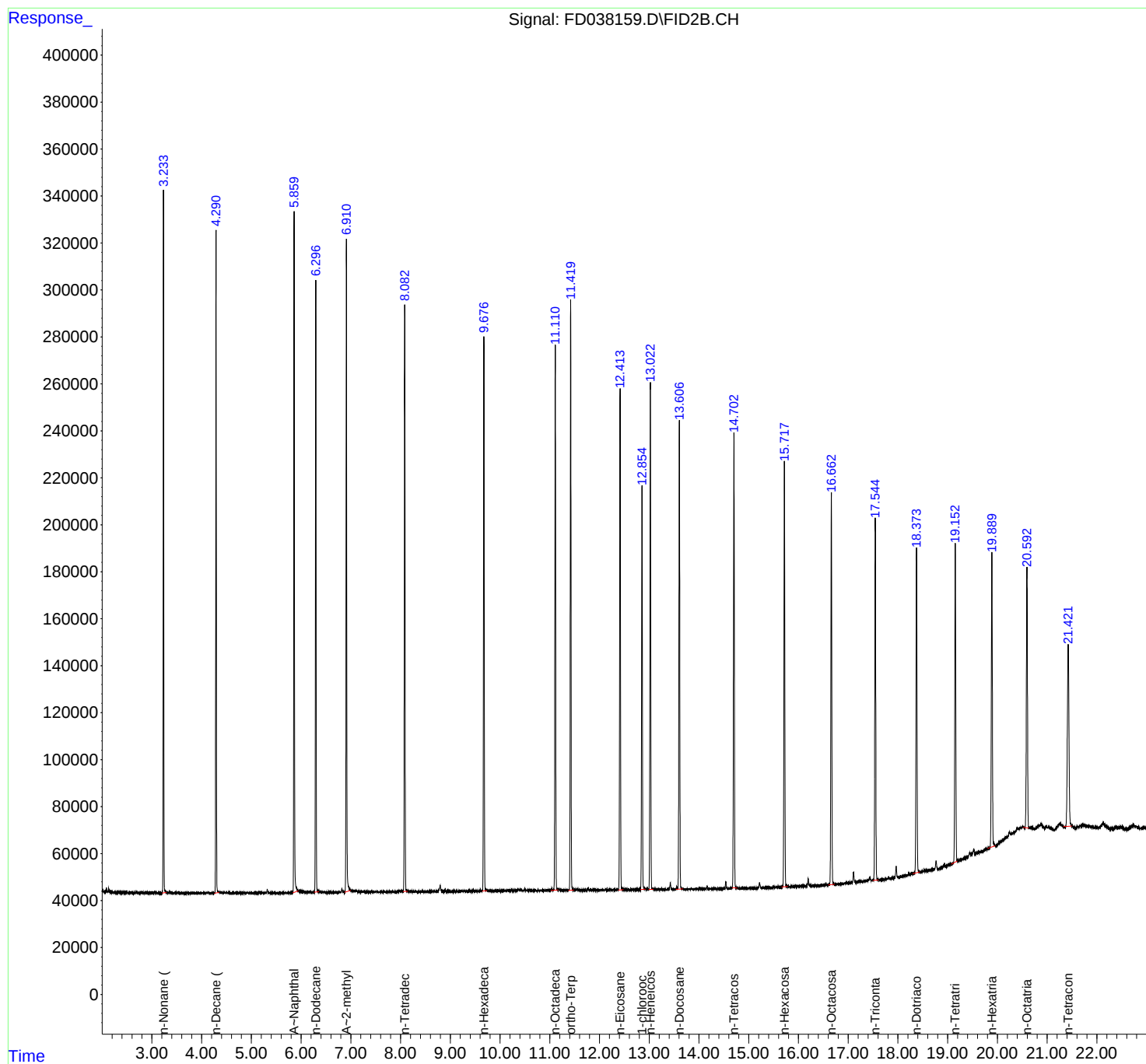
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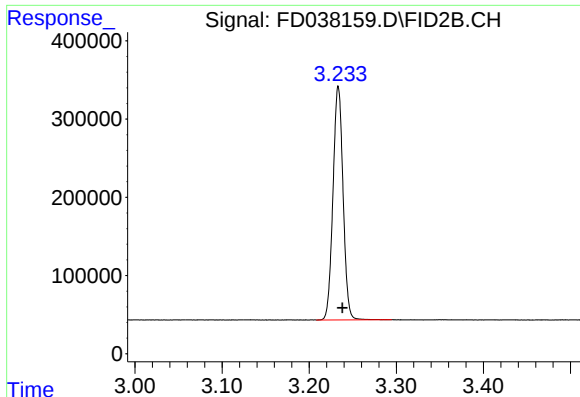
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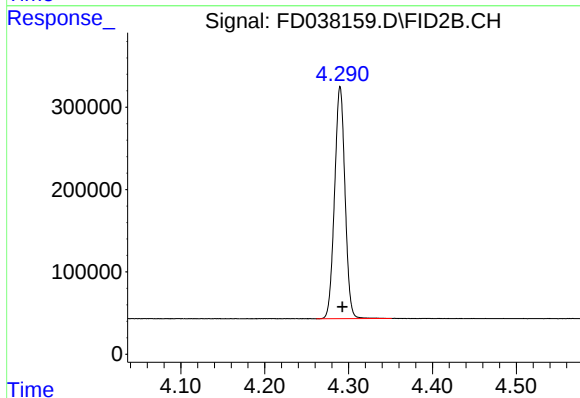




#1 n-Nonane (C9)

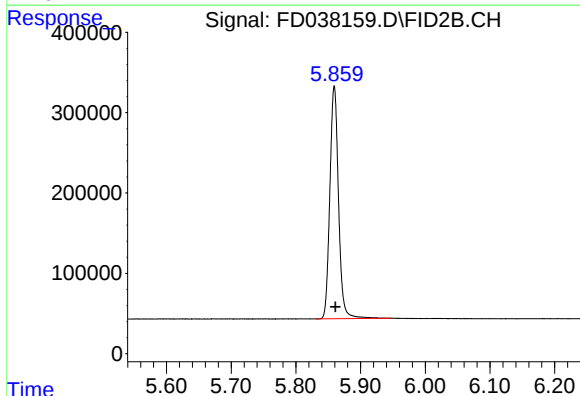
R.T.: 3.234 min
Delta R.T.: -0.004 min
Response: 2402377
Conc: 19.77 ug/ml

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20 PPM ALIPHATIC HC STD



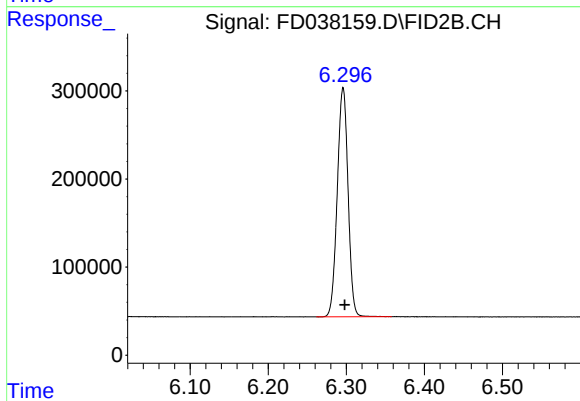
#2 n-Decane (C10)

R.T.: 4.290 min
Delta R.T.: -0.003 min
Response: 2439508
Conc: 19.94 ug/ml



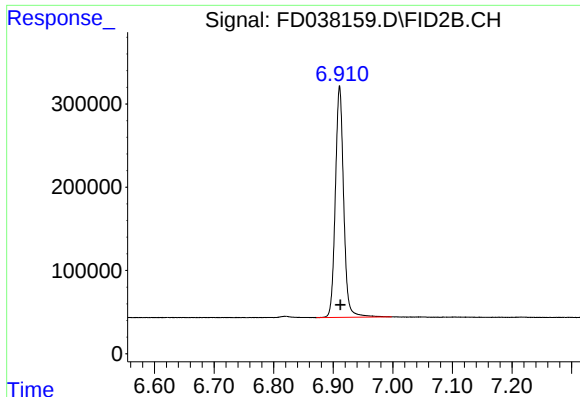
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 2697732
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

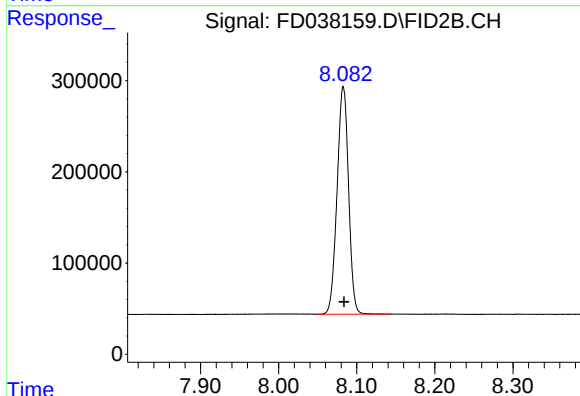
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 2492604
Conc: 20.01 ug/ml



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

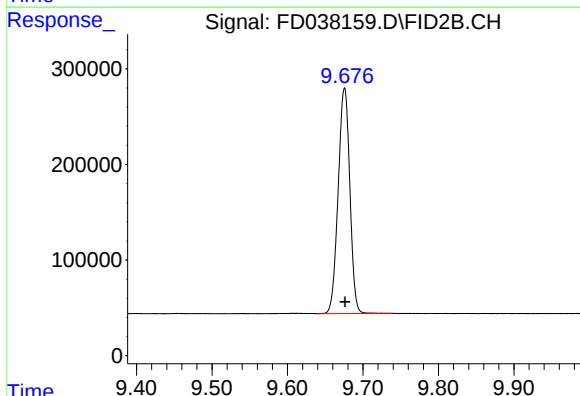
R.T.: 6.911 min
Delta R.T.: -0.001 min
Response: 2694366
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



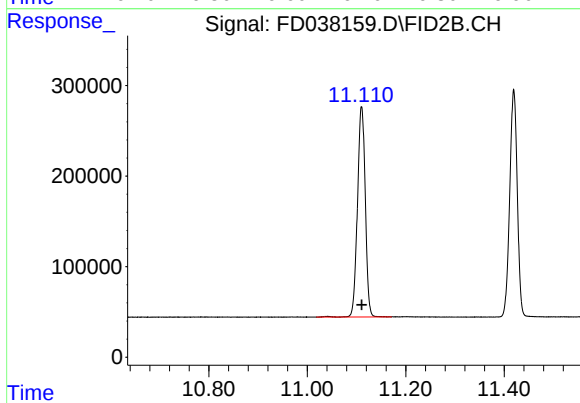
#6 n-Tetradecane (C14)

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 2550597
Conc: 19.84 ug/ml



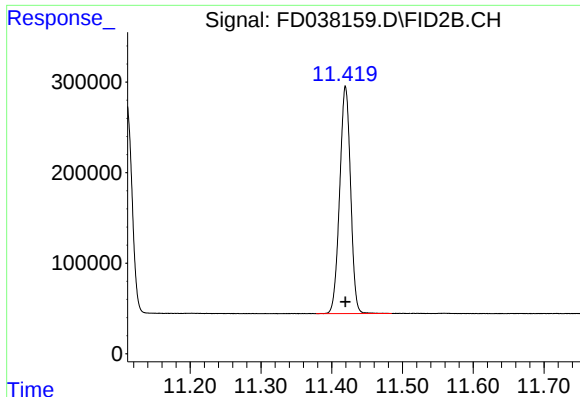
#7 n-Hexadecane (C16)

R.T.: 9.675 min
Delta R.T.: 0.000 min
Response: 2536855
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

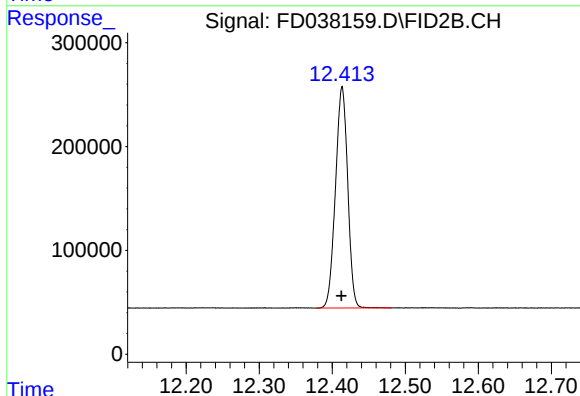
R.T.: 11.110 min
Delta R.T.: 0.000 min
Response: 2566930
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

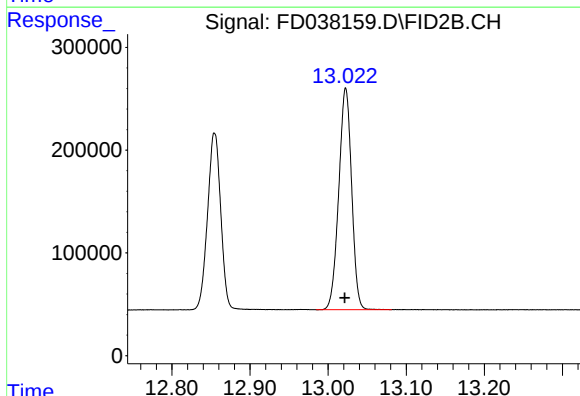
R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 2677790
Conc: 18.52 ug/ml

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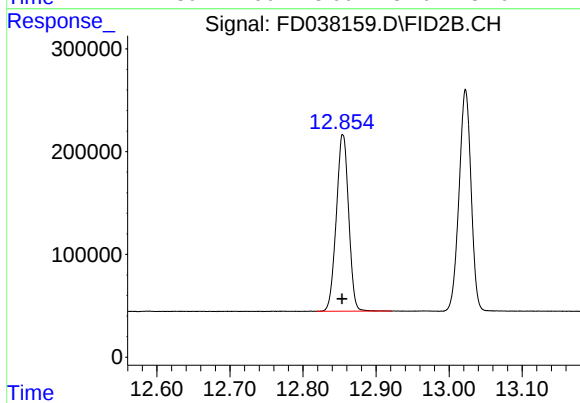
#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: 0.000 min
Response: 2481164
Conc: 18.47 ug/ml



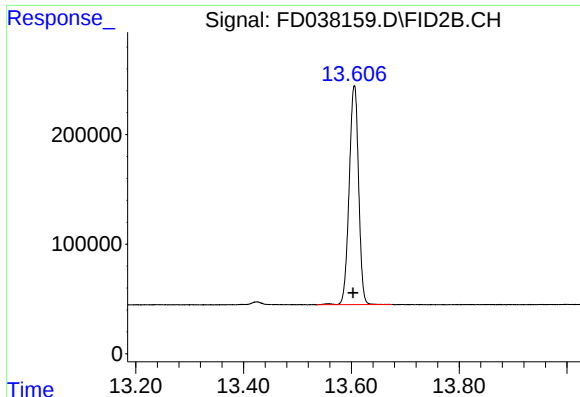
#11 n-Heneicosane (C21)

R.T.: 13.022 min
Delta R.T.: 0.001 min
Response: 2467819
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

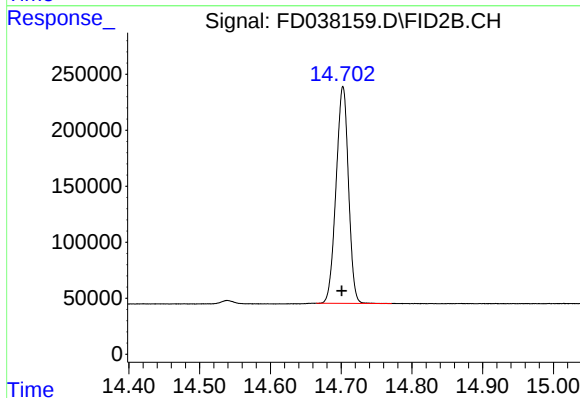
R.T.: 12.855 min
Delta R.T.: 0.001 min
Response: 2015027
Conc: 17.67 ug/ml



#13 n-Docosane (C22)

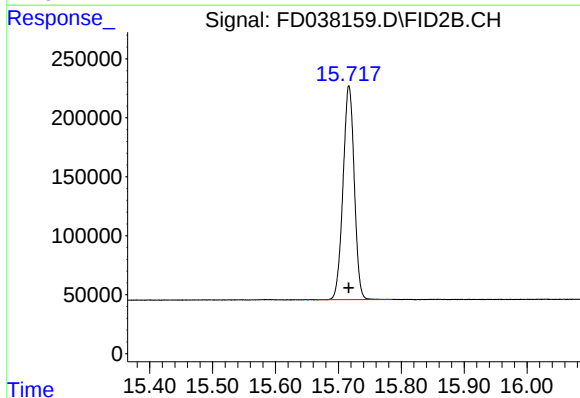
R.T.: 13.605 min
Delta R.T.: 0.002 min
Response: 2430615
Conc: 18.06 ug/ml

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20 PPM ALIPHATIC HC STD



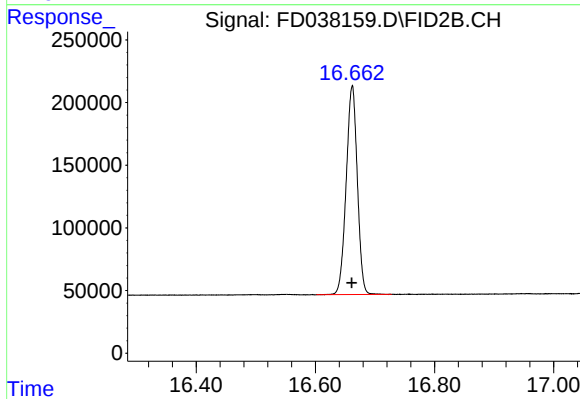
#14 n-Tetracosane (C24)

R.T.: 14.702 min
Delta R.T.: 0.001 min
Response: 2355658
Conc: 17.45 ug/ml



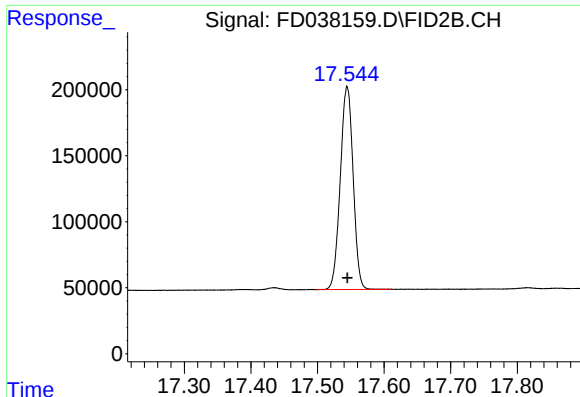
#15 n-Hexacosane (C26)

R.T.: 15.717 min
Delta R.T.: 0.000 min
Response: 2250506
Conc: 17.08 ug/ml



#16 n-Octacosane (C28)

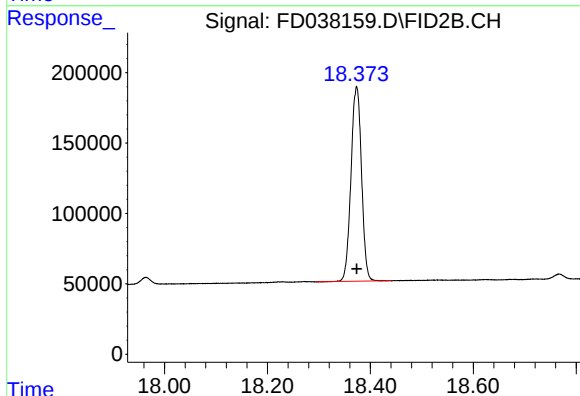
R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2163223
Conc: 16.59 ug/ml



#17 n-Tricontane (C30)

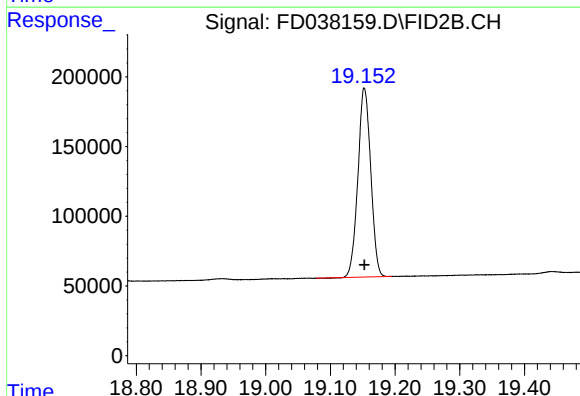
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 2061820
Conc: 16.13 ug/ml

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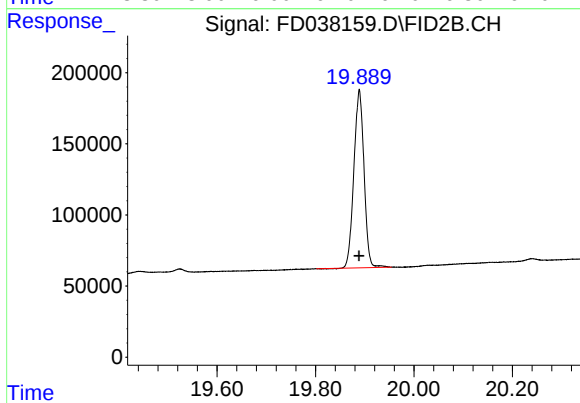
#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: 0.000 min
Response: 1963403
Conc: 15.96 ug/ml



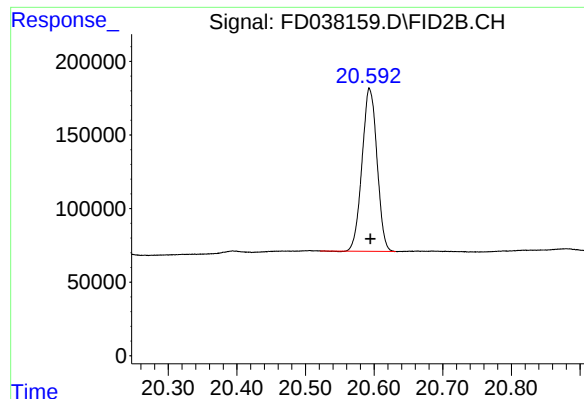
#19 n-Tetratriacontane (C34)

R.T.: 19.153 min
Delta R.T.: 0.000 min
Response: 1867310
Conc: 15.95 ug/ml



#20 n-Hexatriacontane (C36)

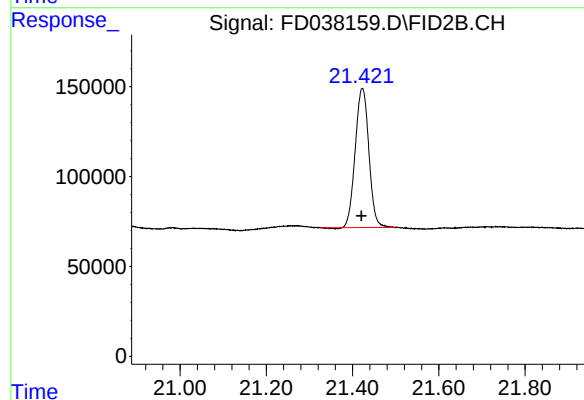
R.T.: 19.889 min
Delta R.T.: 0.000 min
Response: 1788846
Conc: 16.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: 0.000 min
Response: 1678949
Conc: 16.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.423 min
Delta R.T.: 0.002 min
Response: 1698830
Conc: 17.37 ug/ml