

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035572.D
 Signal(s) : FID1B.CH
 Acq On : 30 Mar 2022 10:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 31 02:42:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032922.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 30 04:19:30 2022
 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)	11.327	2228580	20.921 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
12) S 1-chlorooctadecane (S...	12.760	1703405	21.059 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T n-Nonane (C9)	3.152	2038945	21.419 ug/ml
2) T n-Decane (C10)	4.203	1990453	21.409 ug/ml
3) T A~Naphthalene (C11.7)	5.772	2058152	21.669 ug/ml
4) T n-Dodecane (C12)	6.207	2011619	21.407 ug/ml
5) T A~2-methylnaphthalene...	6.822	2042823	21.339 ug/ml
6) T n-Tetradecane (C14)	7.993	1980944	21.423 ug/ml
7) T n-Hexadecane (C16)	9.584	1974340	21.171 ug/ml
8) T n-Octadecane (C18)	11.017	1997173	21.123 ug/ml
10) T n-Eicosane (C20)	12.320	1996320	20.950 ug/ml
11) T n-Heneicosane (C21)	12.928	2016504	20.953 ug/ml
13) T n-Docosane (C22)	13.511	2009802	20.935 ug/ml
14) T n-Tetracosane (C24)	14.608	1985542	20.954 ug/ml
15) T n-Hexacosane (C26)	15.623	1945475	20.862 ug/ml
16) T n-Octacosane (C28)	16.567	1869386	20.965 ug/ml
17) T n-Tricontane (C30)	17.449	1810885	21.047 ug/ml
18) T n-Dotriacontane (C32)	18.277	1727606	20.794 ug/ml
19) T n-Tetratriacontane (C34)	19.056	1567789	21.132 ug/ml
20) T n-Hexatriacontane (C36)	19.792	1501441	21.074 ug/ml
21) T n-Octatriacontane (C38)	20.490	1379999	20.762 ug/ml
22) T n-Tetracontane (C40)	21.289	1374328	19.549 ug/ml

(f)=RT Delta > 1/2 Window

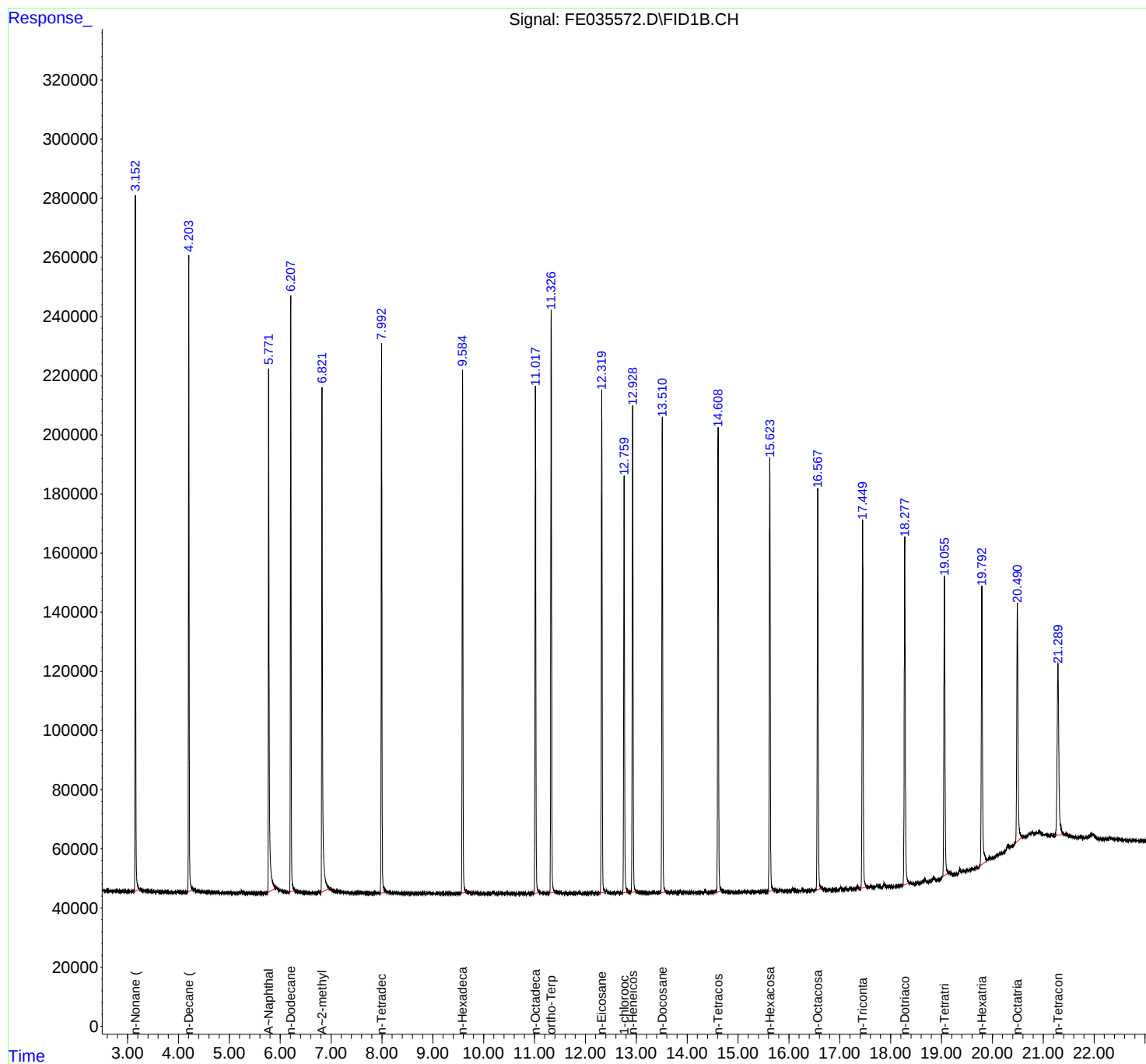
(m)=manual int.

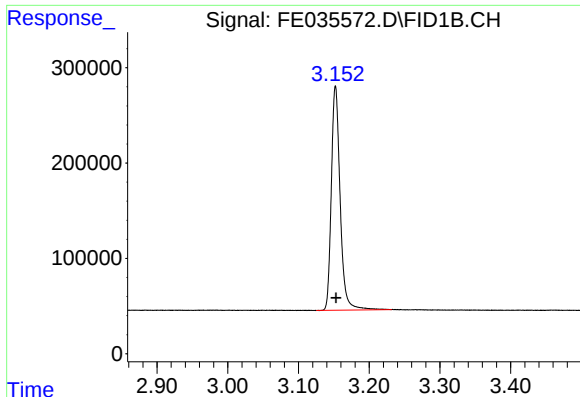
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
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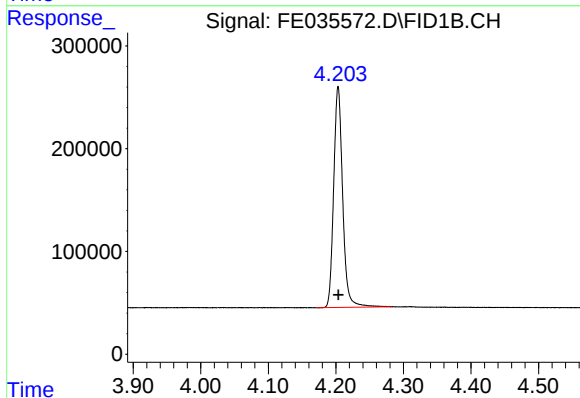




#1 n-Nonane (C9)

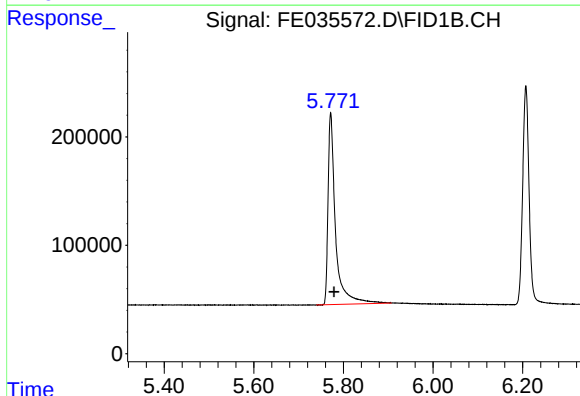
R.T.: 3.152 min
Delta R.T.: 0.000 min
Response: 2038945
Conc: 21.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



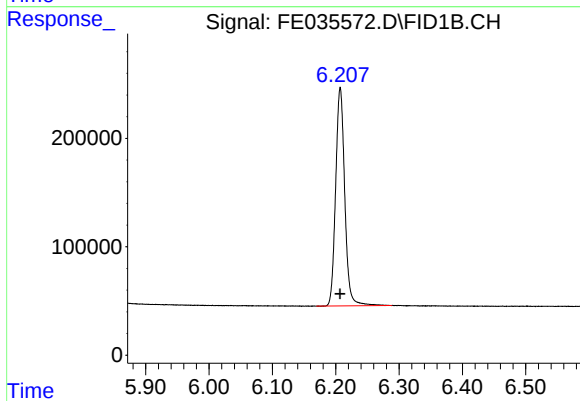
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 1990453
Conc: 21.41 ug/ml



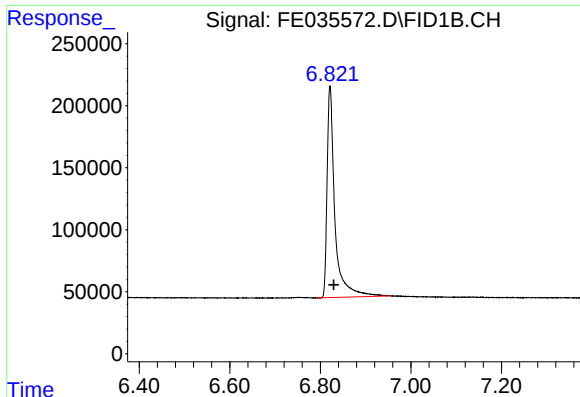
#3 A~Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.008 min
Response: 2058152
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

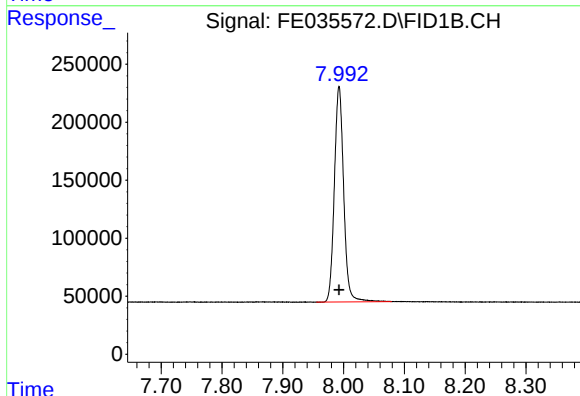
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 2011619
Conc: 21.41 ug/ml



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

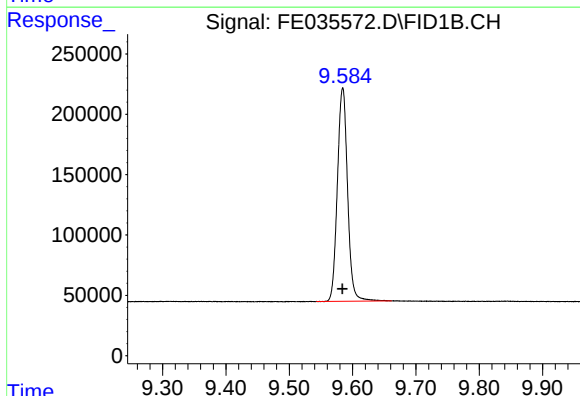
R.T.: 6.822 min
Delta R.T.: -0.008 min
Response: 2042823
Conc: 21.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



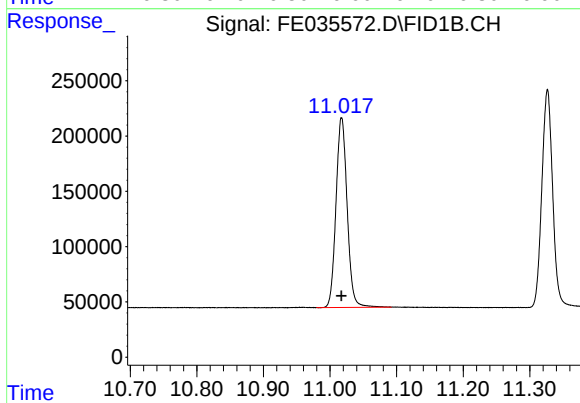
#6 n-Tetradecane (C14)

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 1980944
Conc: 21.42 ug/ml



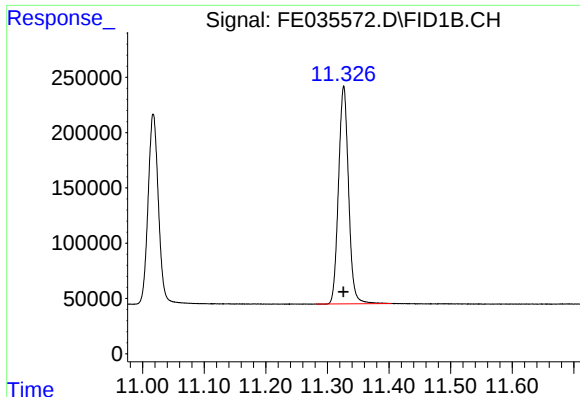
#7 n-Hexadecane (C16)

R.T.: 9.584 min
Delta R.T.: 0.000 min
Response: 1974340
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

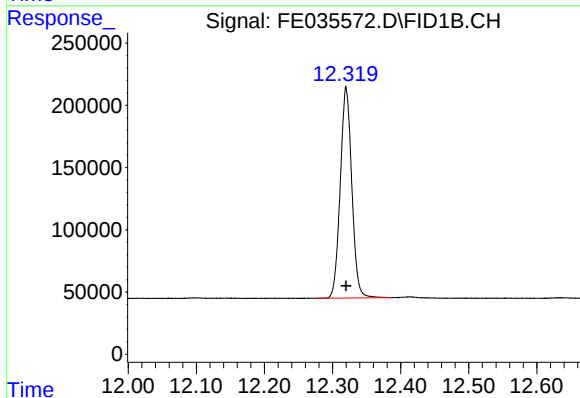
R.T.: 11.017 min
Delta R.T.: 0.000 min
Response: 1997173
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

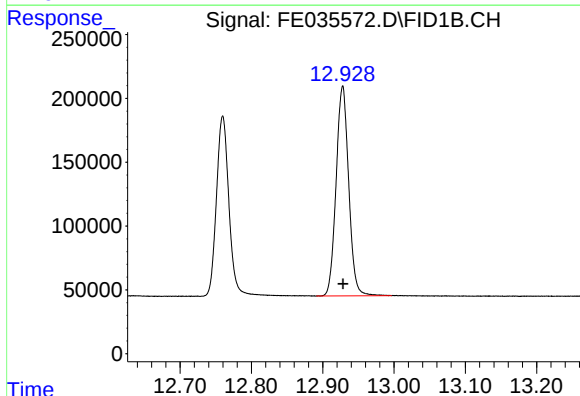
R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 2228580
Conc: 20.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



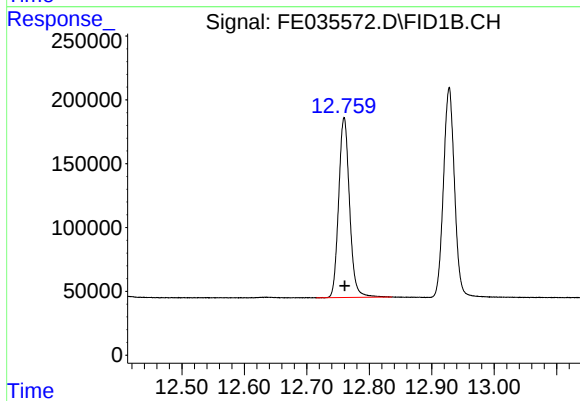
#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: 0.000 min
Response: 1996320
Conc: 20.95 ug/ml



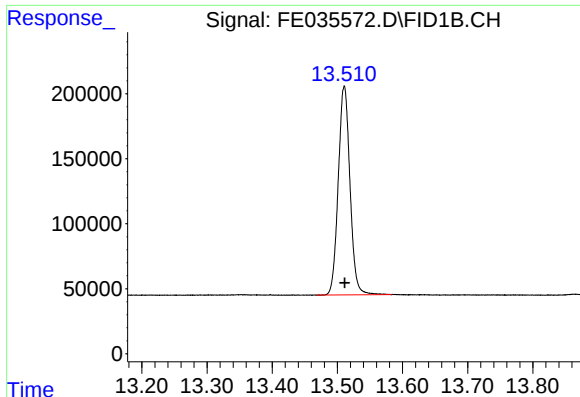
#11 n-Heneicosane (C21)

R.T.: 12.928 min
Delta R.T.: 0.000 min
Response: 2016504
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

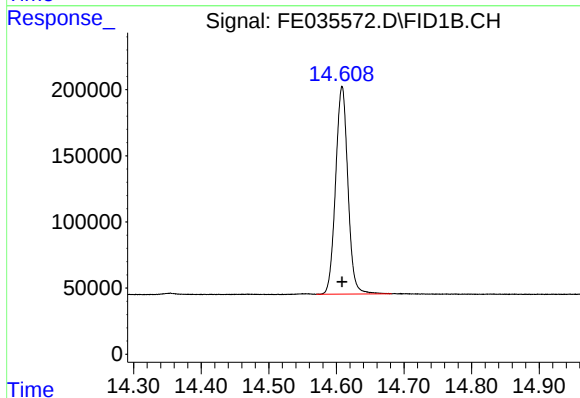
R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 1703405
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

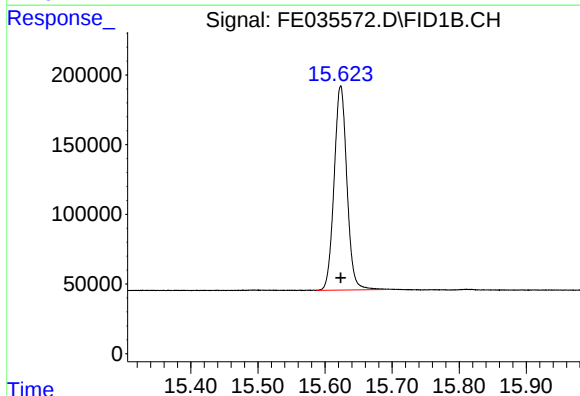
R.T.: 13.511 min
Delta R.T.: 0.000 min
Response: 2009802
Conc: 20.94 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



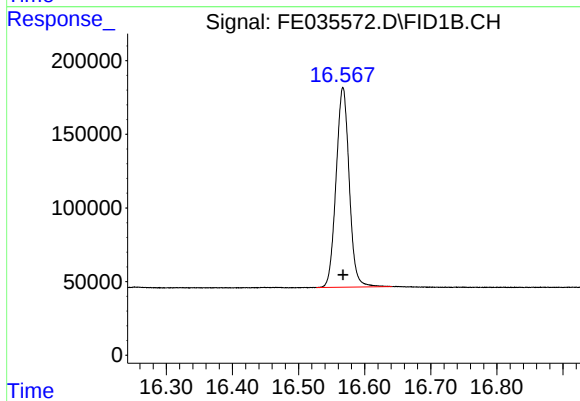
#14 n-Tetracosane (C24)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 1985542
Conc: 20.95 ug/ml



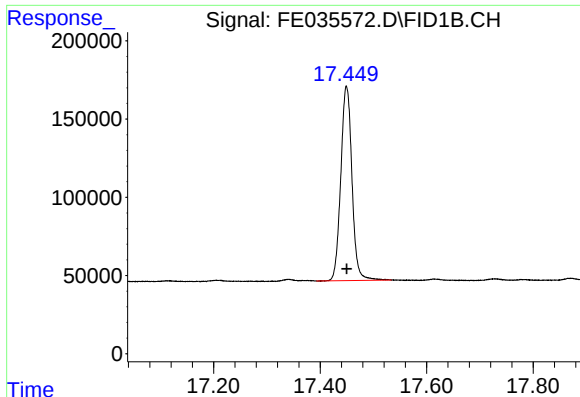
#15 n-Hexacosane (C26)

R.T.: 15.623 min
Delta R.T.: 0.000 min
Response: 1945475
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

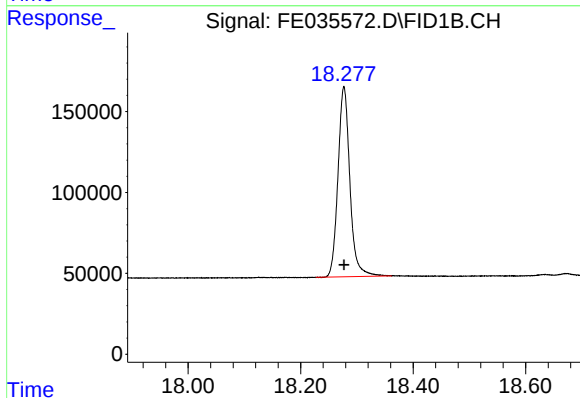
R.T.: 16.567 min
Delta R.T.: 0.000 min
Response: 1869386
Conc: 20.97 ug/ml



#17 n-Tricontane (C30)

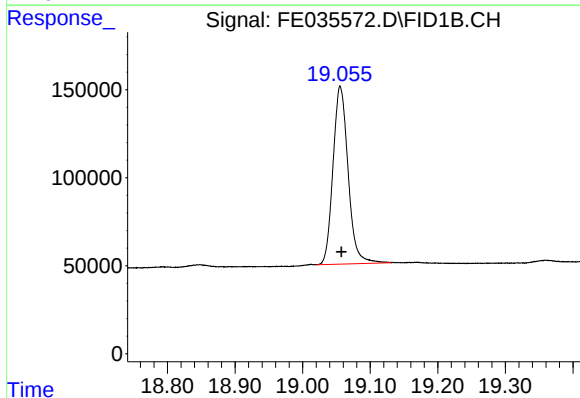
R.T.: 17.449 min
Delta R.T.: 0.000 min
Response: 1810885
Conc: 21.05 ug/ml

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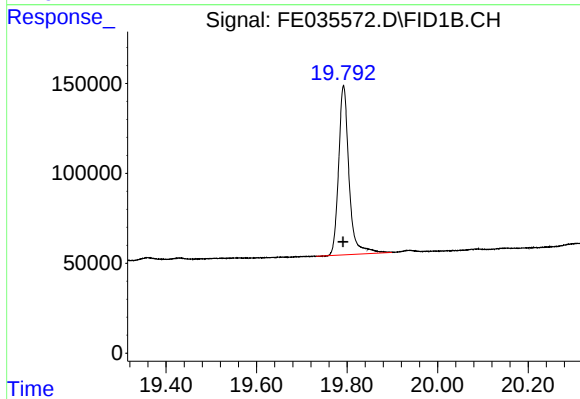
#18 n-Dotriacontane (C32)

R.T.: 18.277 min
Delta R.T.: 0.000 min
Response: 1727606
Conc: 20.79 ug/ml



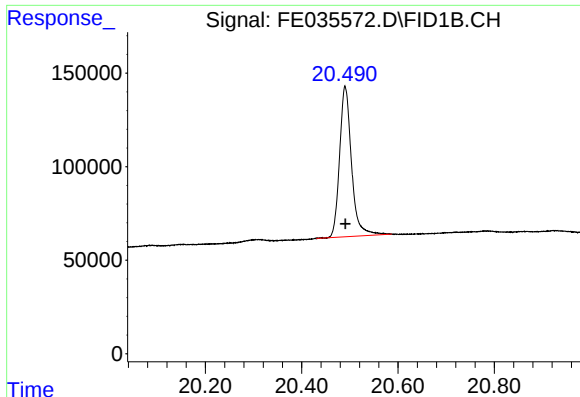
#19 n-Tetratriacontane (C34)

R.T.: 19.056 min
Delta R.T.: -0.002 min
Response: 1567789
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

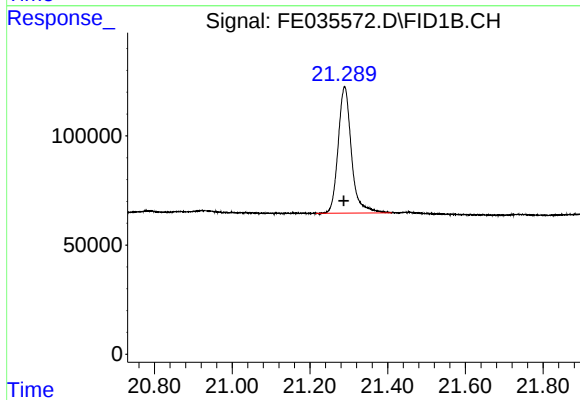
R.T.: 19.792 min
Delta R.T.: 0.001 min
Response: 1501441
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.490 min
Delta R.T.: 0.000 min
Response: 1379999
Conc: 20.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.289 min
Delta R.T.: 0.002 min
Response: 1374328
Conc: 19.55 ug/ml