

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030722AL\
 Data File : FE035235.D
 Signal(s) : FID1B.CH
 Acq On : 07 Mar 2022 13:05
 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: sample.E
 Quant Time: Mar 08 03:35:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.360	2733688	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	12.795	2064374	19.058 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
Target Compounds			
1) T n-Nonane (C9)	3.181	2280973	19.865 ug/ml
2) T n-Decane (C10)	4.234	2258817	19.827 ug/ml
3) T A~Naphthalene (C11.7)	5.799	2515051	19.802 ug/ml
4) T n-Dodecane (C12)	6.240	2332931	19.842 ug/ml
5) T A~2-methylnaphthalene...	6.849	2543231	19.910 ug/ml
6) T n-Tetradecane (C14)	8.026	2366231	19.828 ug/ml
7) T n-Hexadecane (C16)	9.618	2407026	19.756 ug/ml
8) T n-Octadecane (C18)	11.053	2476080	19.752 ug/ml
10) T n-Eicosane (C20)	12.356	2475973	19.581 ug/ml
11) T n-Heneicosane (C21)	12.964	2481708	19.487 ug/ml
13) T n-Docosane (C22)	13.548	2463778	19.403 ug/ml
14) T n-Tetracosane (C24)	14.644	2430515	19.190 ug/ml
15) T n-Hexacosane (C26)	15.660	2363350	19.060 ug/ml
16) T n-Octacosane (C28)	16.604	2276773	18.996 ug/ml
17) T n-Tricontane (C30)	17.487	2164878	19.114 ug/ml
18) T n-Dotriacontane (C32)	18.316	1974006	19.385 ug/ml
19) T n-Tetratriacontane (C34)	19.094	1772218	19.862 ug/ml
20) T n-Hexatriacontane (C36)	19.831	1572106	20.709 ug/ml
21) T n-Octatriacontane (C38)	20.533	1383336	20.949 ug/ml
22) T n-Tetracontane (C40)	21.345	1210979	19.798 ug/ml

(f)=RT Delta > 1/2 Window

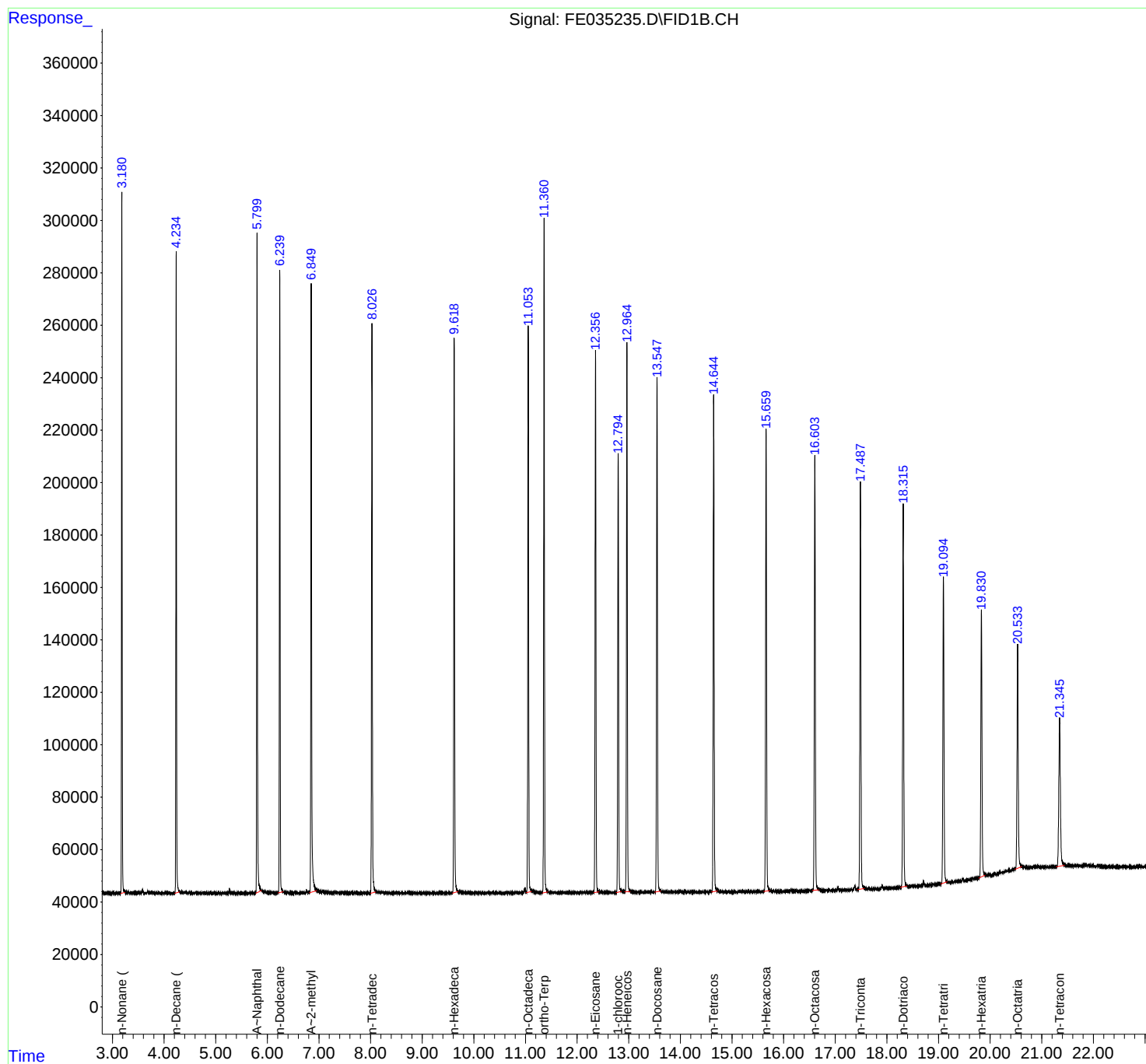
(m)=manual int.

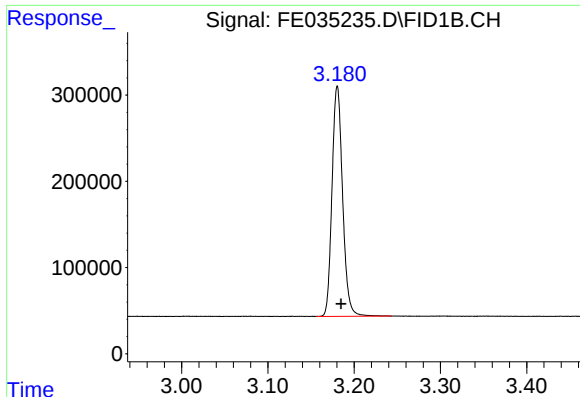
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030722AL\
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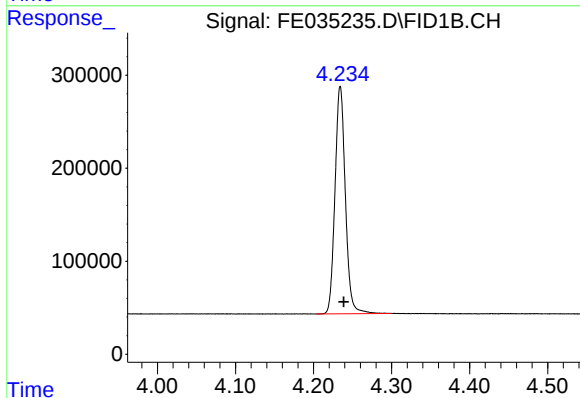




#1 n-Nonane (C9)

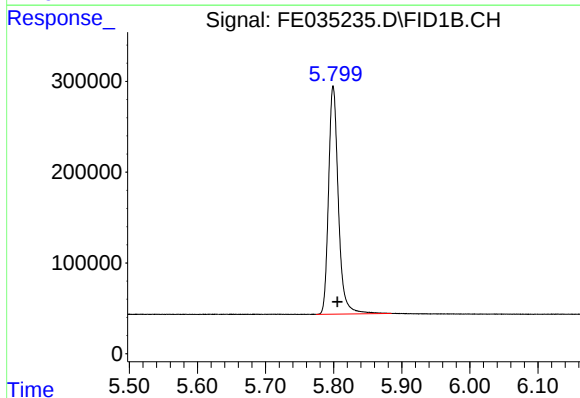
R.T.: 3.181 min
Delta R.T.: -0.004 min
Response: 2280973
Conc: 19.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



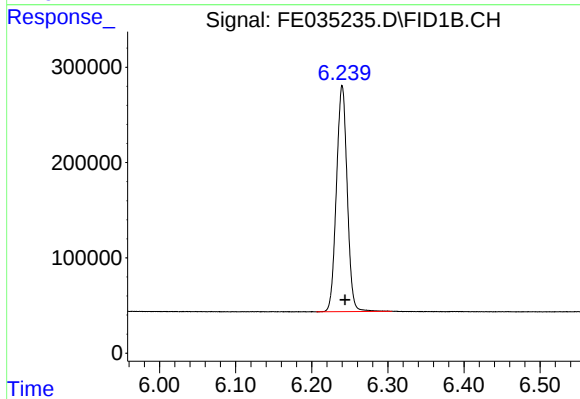
#2 n-Decane (C10)

R.T.: 4.234 min
Delta R.T.: -0.004 min
Response: 2258817
Conc: 19.83 ug/ml



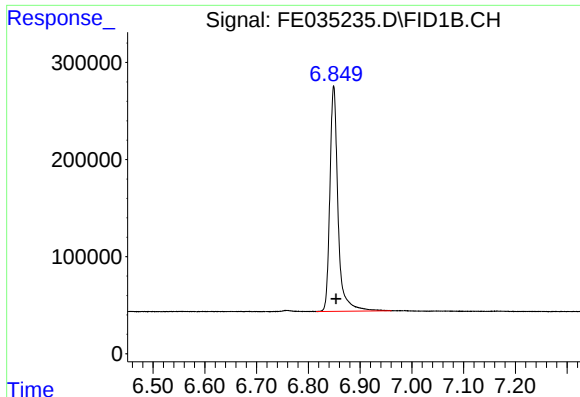
#3 A~Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 2515051
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

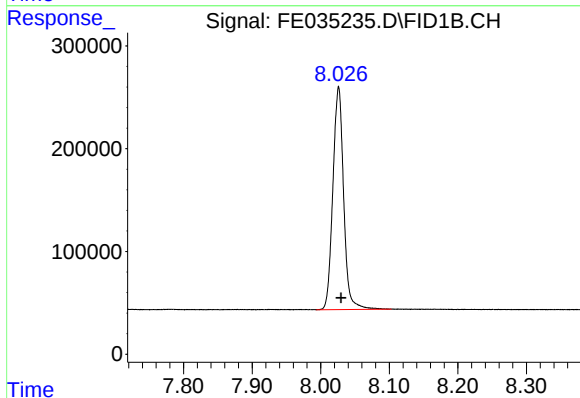
R.T.: 6.240 min
Delta R.T.: -0.004 min
Response: 2332931
Conc: 19.84 ug/ml



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

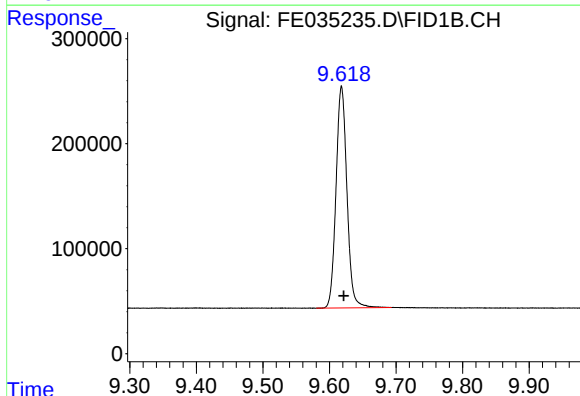
R.T.: 6.849 min
Delta R.T.: -0.005 min
Response: 2543231
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



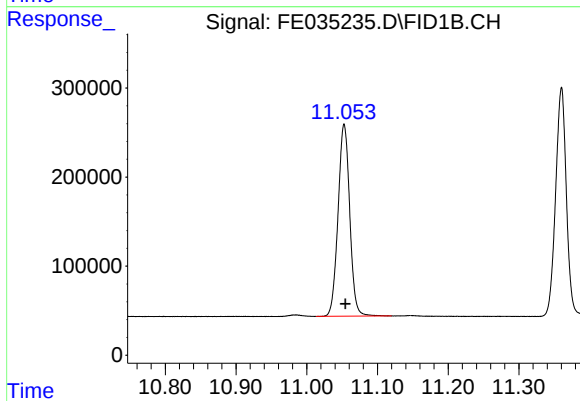
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 2366231
Conc: 19.83 ug/ml



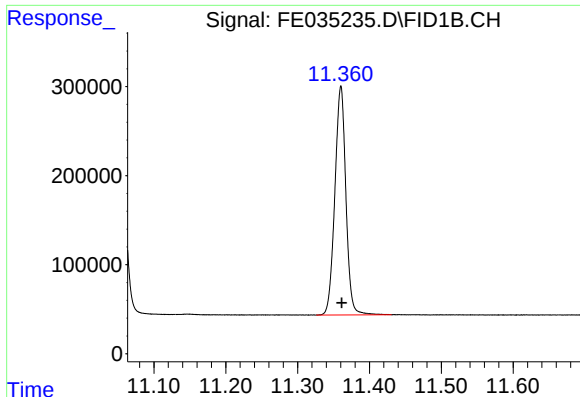
#7 n-Hexadecane (C16)

R.T.: 9.618 min
Delta R.T.: -0.003 min
Response: 2407026
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

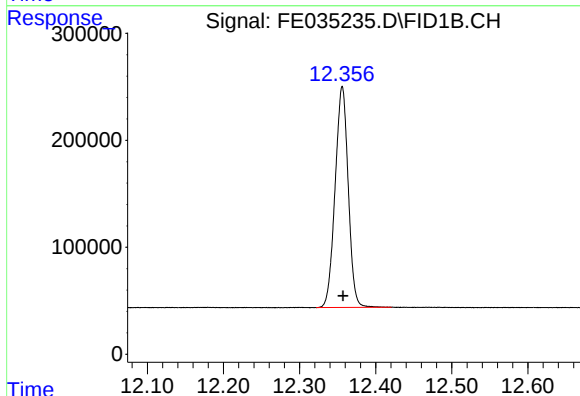
R.T.: 11.053 min
Delta R.T.: -0.002 min
Response: 2476080
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

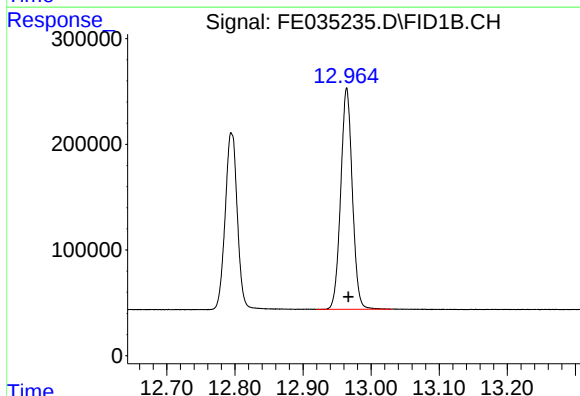
R.T.: 11.360 min
Delta R.T.: -0.001 min
Response: 2733688
Conc: 19.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



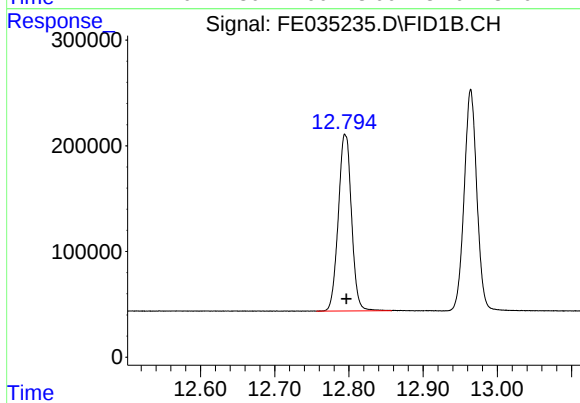
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: -0.001 min
Response: 2475973
Conc: 19.58 ug/ml



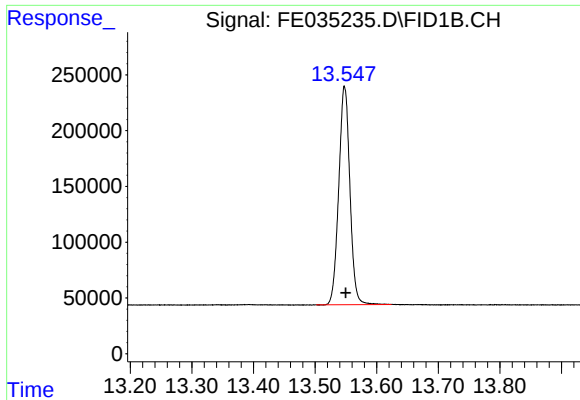
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.003 min
Response: 2481708
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

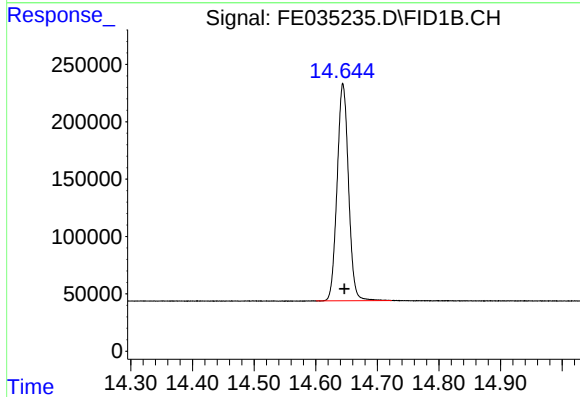
R.T.: 12.795 min
Delta R.T.: -0.002 min
Response: 2064374
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

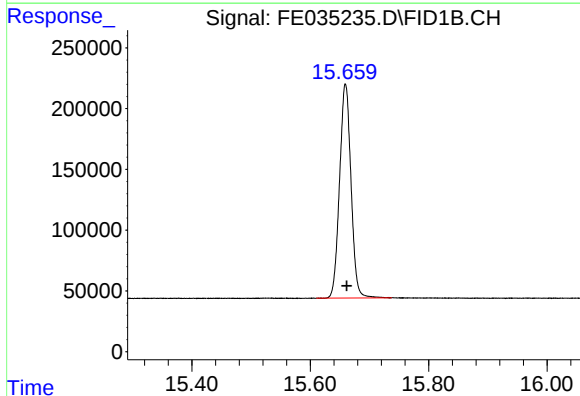
R.T.: 13.548 min
Delta R.T.: -0.002 min
Response: 2463778
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



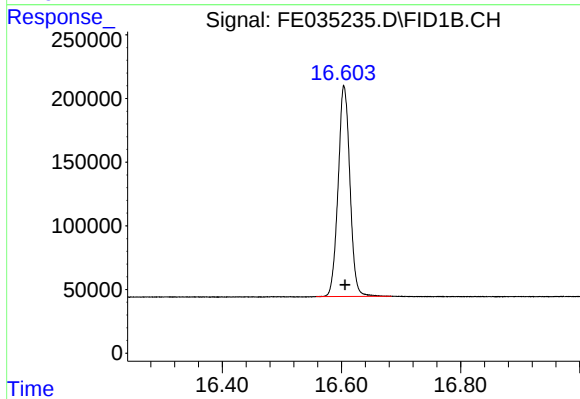
#14 n-Tetracosane (C24)

R.T.: 14.644 min
Delta R.T.: -0.002 min
Response: 2430515
Conc: 19.19 ug/ml



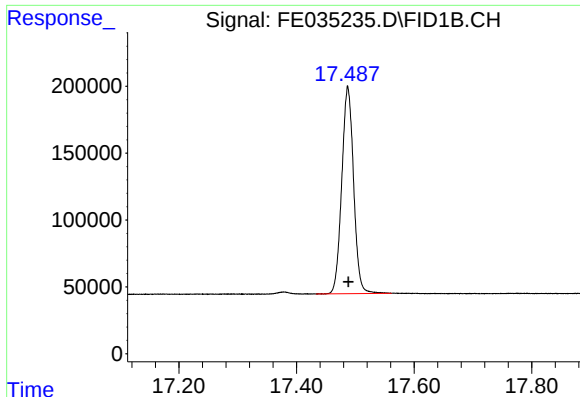
#15 n-Hexacosane (C26)

R.T.: 15.660 min
Delta R.T.: -0.002 min
Response: 2363350
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

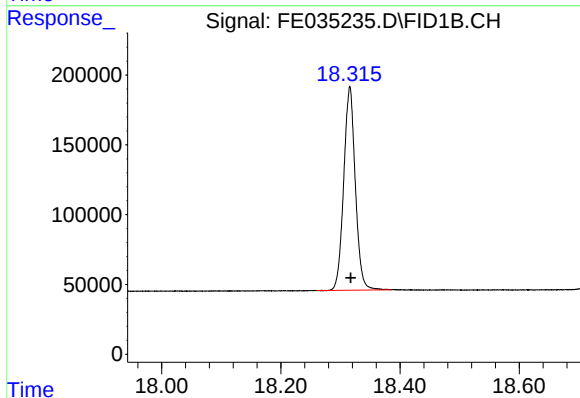
R.T.: 16.604 min
Delta R.T.: -0.002 min
Response: 2276773
Conc: 19.00 ug/ml



#17 n-Tricontane (C30)

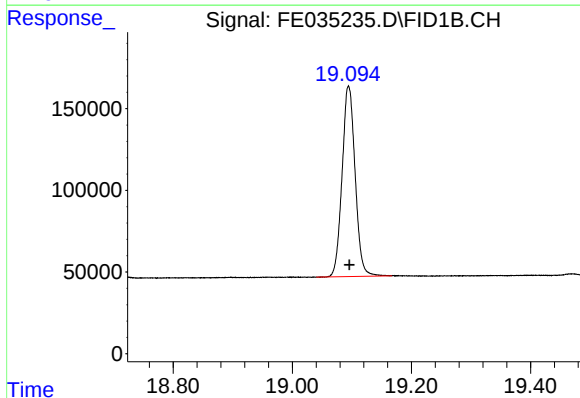
R.T.: 17.487 min
Delta R.T.: -0.001 min
Response: 2164878
Conc: 19.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



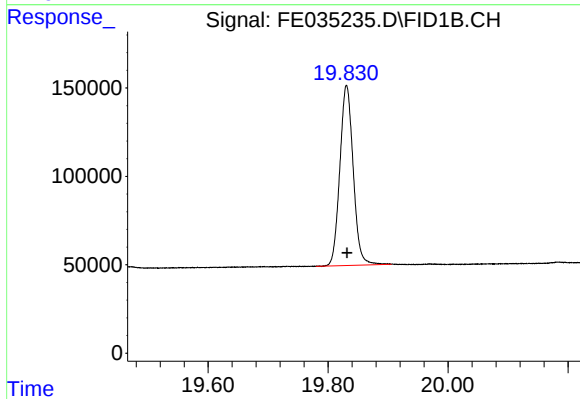
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: -0.002 min
Response: 1974006
Conc: 19.39 ug/ml



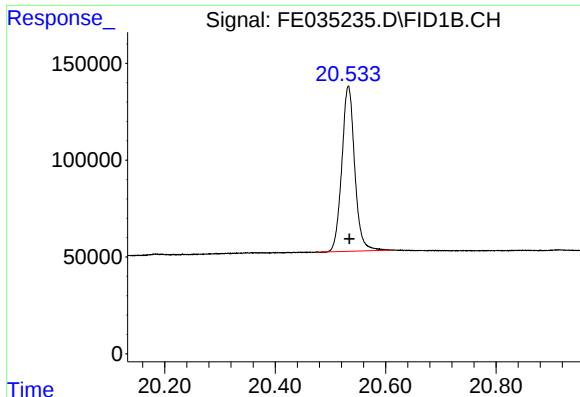
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: -0.002 min
Response: 1772218
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

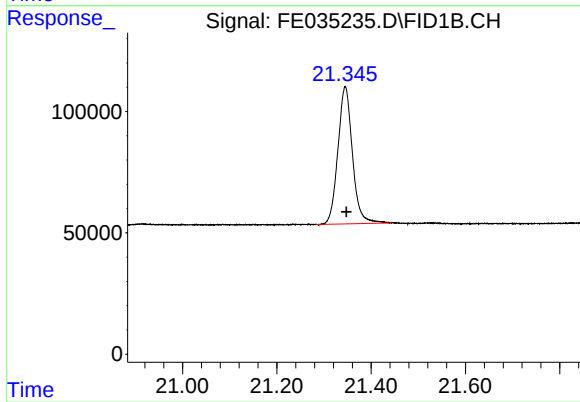
R.T.: 19.831 min
Delta R.T.: 0.000 min
Response: 1572106
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: -0.002 min
Response: 1383336
Conc: 20.95 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: -0.003 min
Response: 1210979
Conc: 19.80 ug/ml