

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031722AL\
 Data File : FE035374.D
 Signal(s) : FID1B.CH
 Acq On : 17 Mar 2022 14:19
 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 17 22:50:31 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)	11.356	2678937	19.342 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	12.791	1984278	18.319 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T n-Nonane (C9)	3.177	2233575	19.452 ug/ml
2) T n-Decane (C10)	4.231	2226425	19.543 ug/ml
3) T A~Naphthalene (C11.7)	5.798	2440660	19.216 ug/ml
4) T n-Dodecane (C12)	6.236	2311331	19.658 ug/ml
5) T A~2-methylnaphthalene...	6.848	2442567	19.122 ug/ml
6) T n-Tetradecane (C14)	8.022	2365637	19.823 ug/ml
7) T n-Hexadecane (C16)	9.615	2400043	19.699 ug/ml
8) T n-Octadecane (C18)	11.049	2452478	19.564 ug/ml
10) T n-Eicosane (C20)	12.351	2430545	19.221 ug/ml
11) T n-Heneicosane (C21)	12.961	2416213	18.973 ug/ml
13) T n-Docosane (C22)	13.544	2392973	18.845 ug/ml
14) T n-Tetracosane (C24)	14.640	2339434	18.471 ug/ml
15) T n-Hexacosane (C26)	15.655	2244878	18.104 ug/ml
16) T n-Octacosane (C28)	16.601	2132608	17.793 ug/ml
17) T n-Tricontane (C30)	17.484	1994237	17.607 ug/ml
18) T n-Dotriacontane (C32)	18.312	1799664	17.673 ug/ml
19) T n-Tetratriacontane (C34)	19.092	1611520	18.061 ug/ml
20) T n-Hexatriacontane (C36)	19.829	1440212	18.971 ug/ml
21) T n-Octatriacontane (C38)	20.529	1310703	19.849 ug/ml
22) T n-Tetracontane (C40)	21.337	1220465	19.953 ug/ml

(f)=RT Delta > 1/2 Window

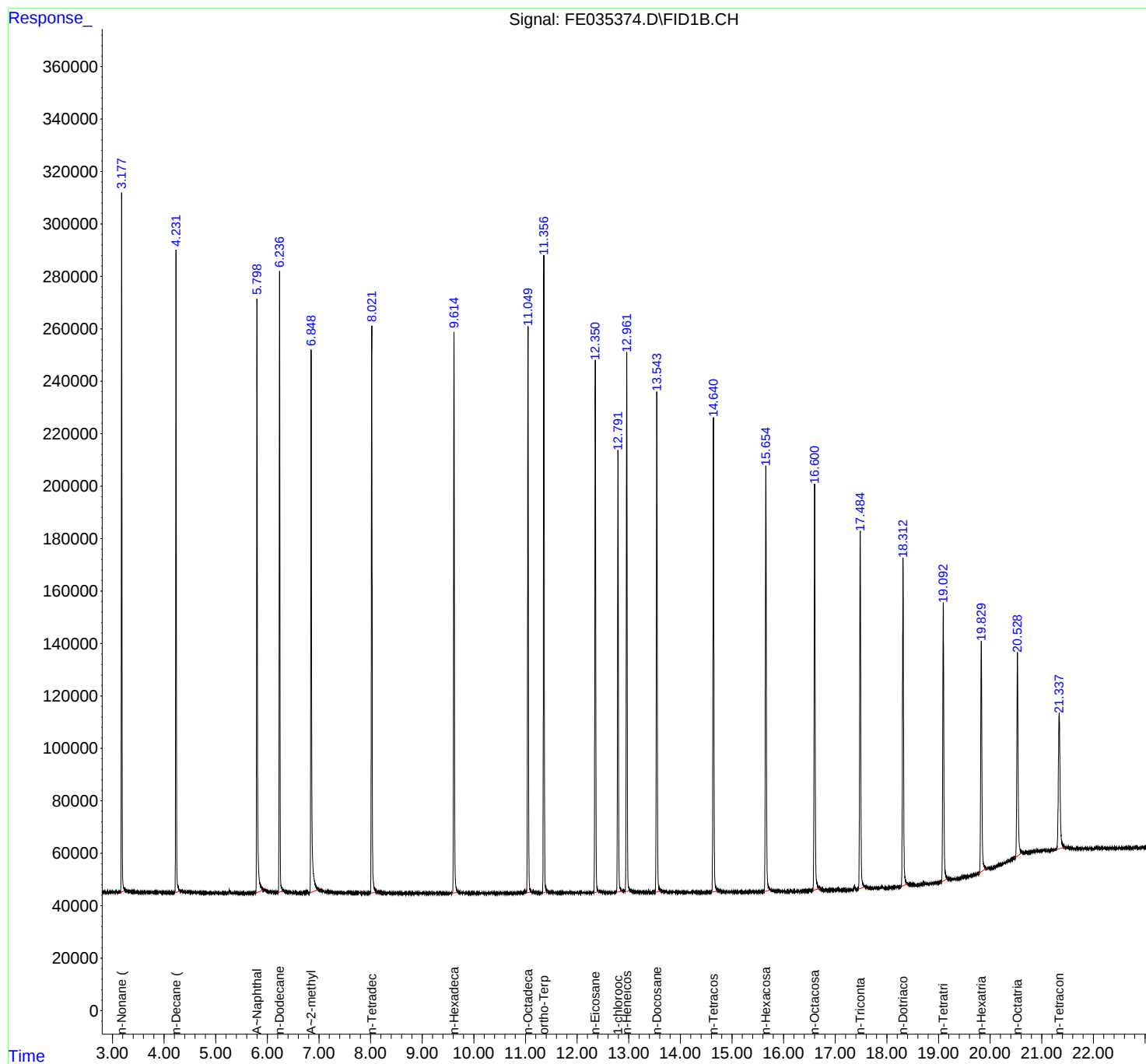
(m)=manual int.

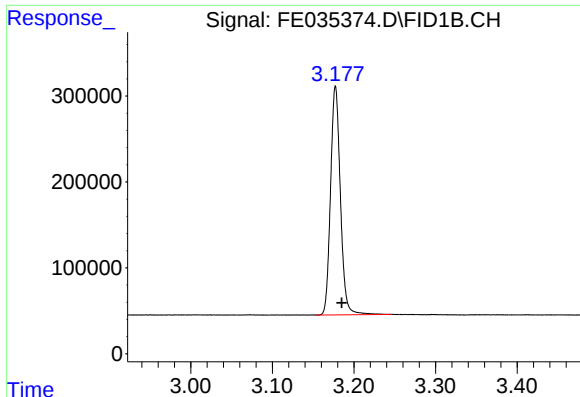
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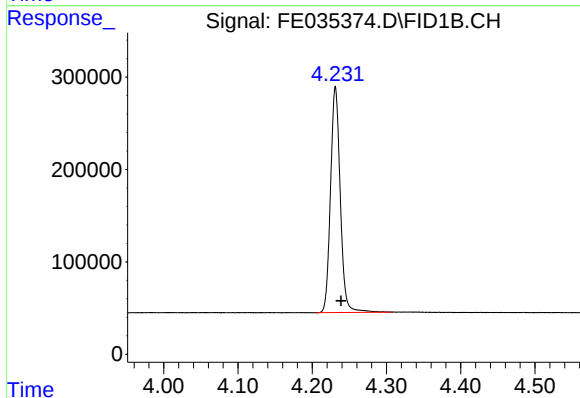




#1 n-Nonane (C9)

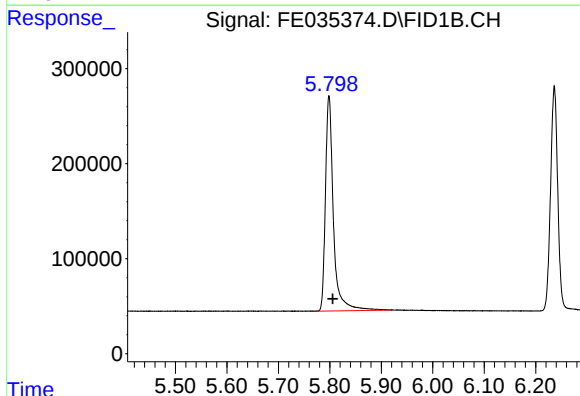
R.T.: 3.177 min
Delta R.T.: -0.008 min
Response: 2233575
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



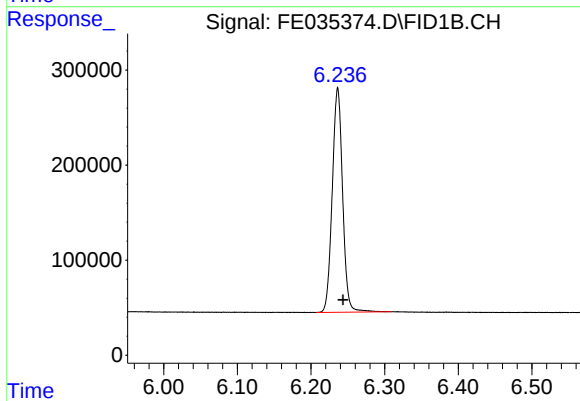
#2 n-Decane (C10)

R.T.: 4.231 min
Delta R.T.: -0.007 min
Response: 2226425
Conc: 19.54 ug/ml



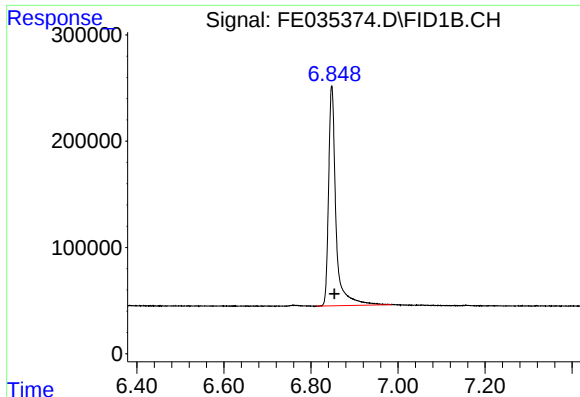
#3 A~Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 2440660
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

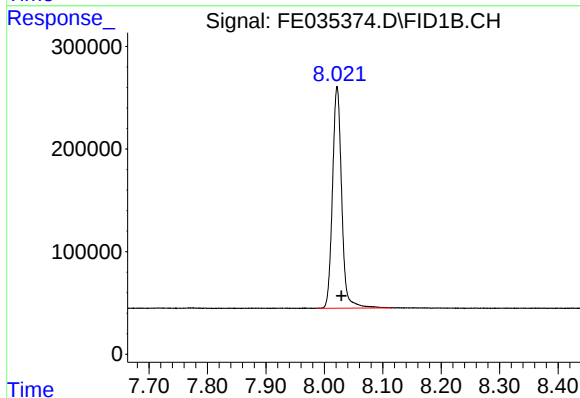
R.T.: 6.236 min
Delta R.T.: -0.007 min
Response: 2311331
Conc: 19.66 ug/ml



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

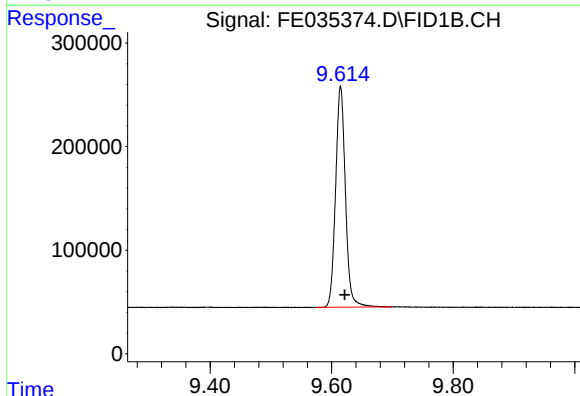
R.T.: 6.848 min
Delta R.T.: -0.006 min
Response: 2442567
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



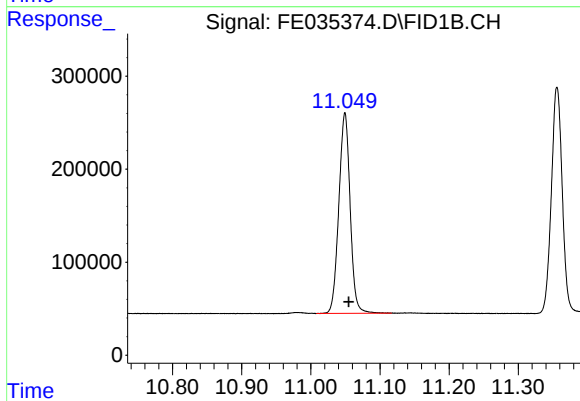
#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: -0.008 min
Response: 2365637
Conc: 19.82 ug/ml



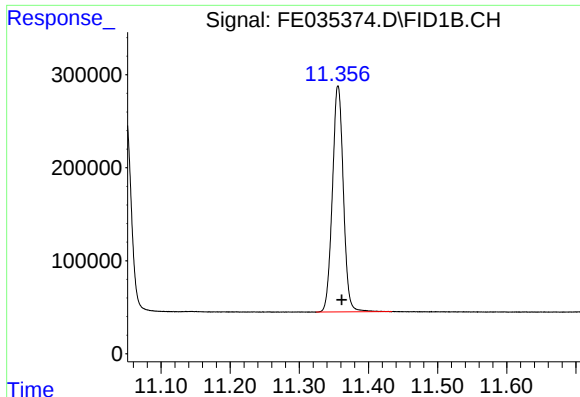
#7 n-Hexadecane (C16)

R.T.: 9.615 min
Delta R.T.: -0.007 min
Response: 2400043
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

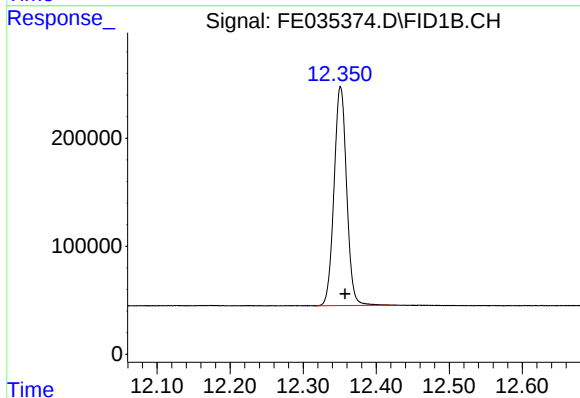
R.T.: 11.049 min
Delta R.T.: -0.005 min
Response: 2452478
Conc: 19.56 ug/ml



#9 ortho-Terphenyl (SURR)

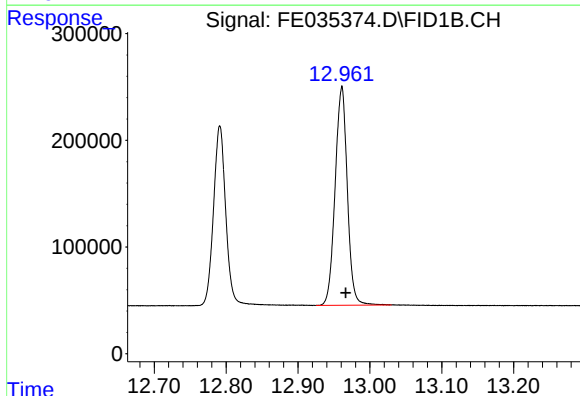
R.T.: 11.356 min
Delta R.T.: -0.005 min
Response: 2678937
Conc: 19.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



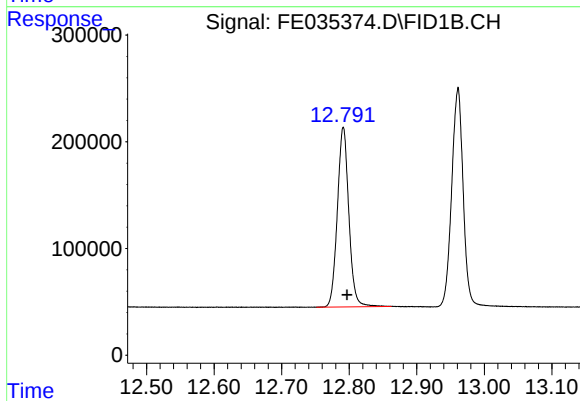
#10 n-Eicosane (C20)

R.T.: 12.351 min
Delta R.T.: -0.006 min
Response: 2430545
Conc: 19.22 ug/ml



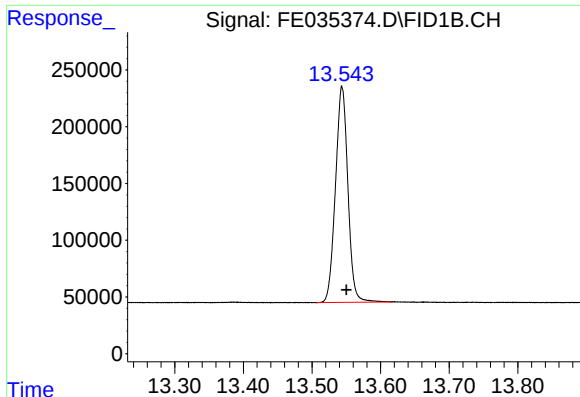
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: -0.006 min
Response: 2416213
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

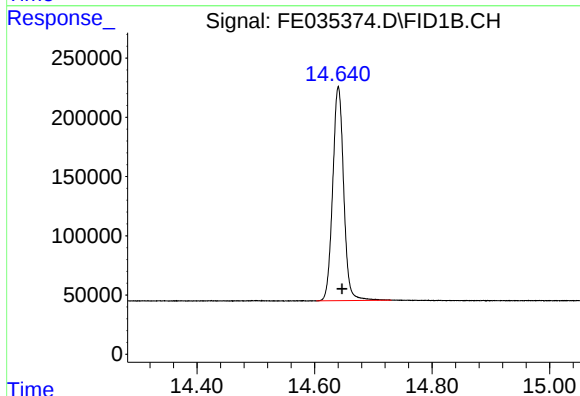
R.T.: 12.791 min
Delta R.T.: -0.005 min
Response: 1984278
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

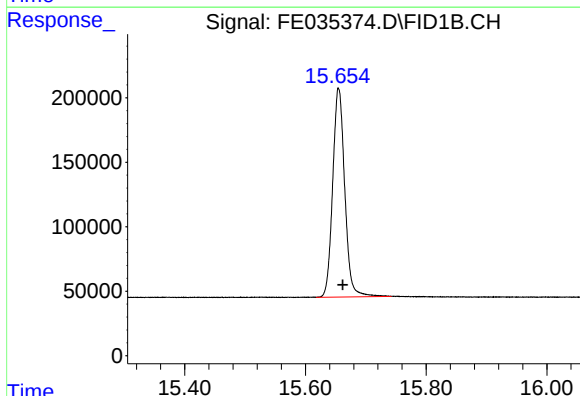
R.T.: 13.544 min
Delta R.T.: -0.006 min
Response: 2392973
Conc: 18.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



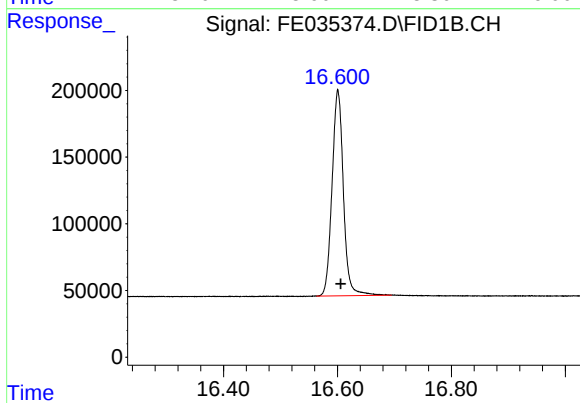
#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: -0.006 min
Response: 2339434
Conc: 18.47 ug/ml



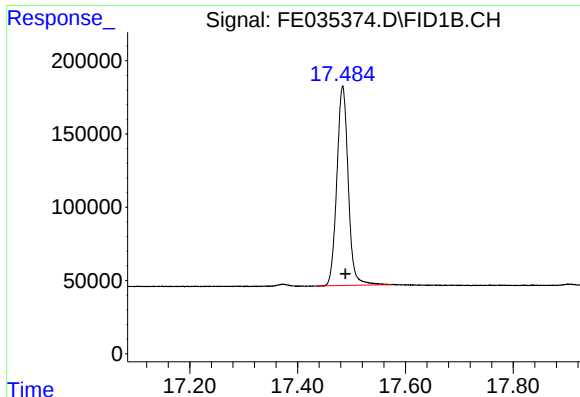
#15 n-Hexacosane (C26)

R.T.: 15.655 min
Delta R.T.: -0.007 min
Response: 2244878
Conc: 18.10 ug/ml



#16 n-Octacosane (C28)

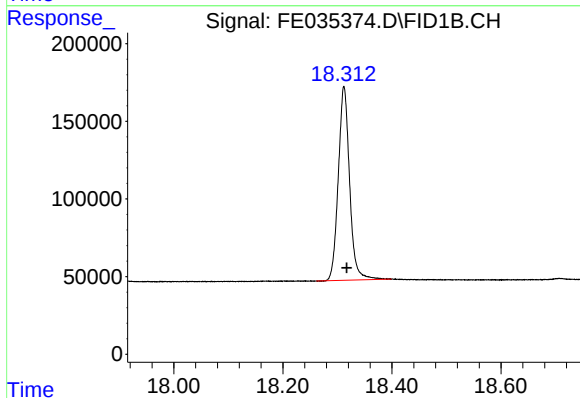
R.T.: 16.601 min
Delta R.T.: -0.005 min
Response: 2132608
Conc: 17.79 ug/ml



#17 n-Tricontane (C30)

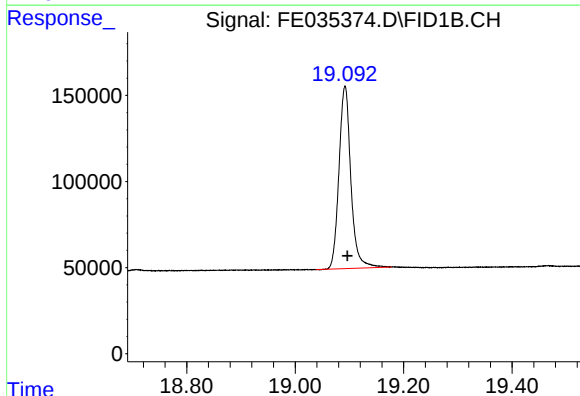
R.T.: 17.484 min
Delta R.T.: -0.005 min
Response: 1994237
Conc: 17.61 ug/ml

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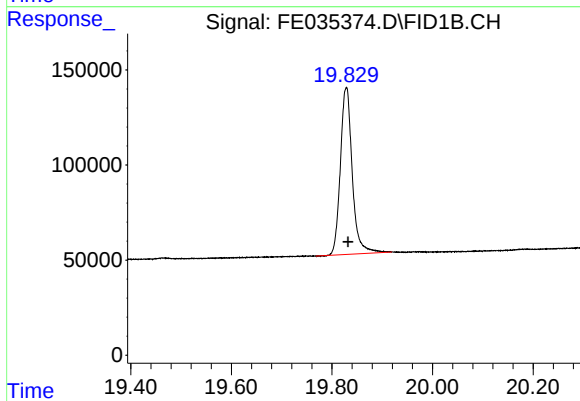
#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: -0.005 min
Response: 1799664
Conc: 17.67 ug/ml



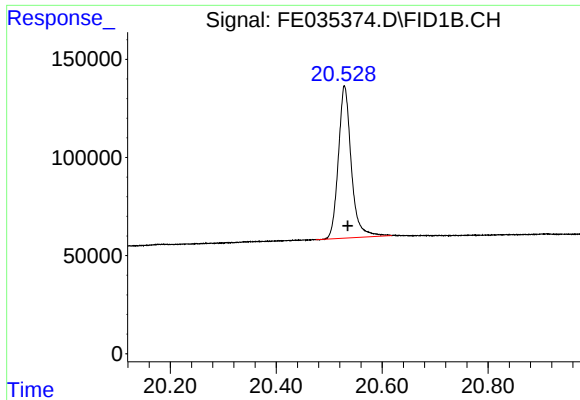
#19 n-Tetratriacontane (C34)

R.T.: 19.092 min
Delta R.T.: -0.004 min
Response: 1611520
Conc: 18.06 ug/ml



#20 n-Hexatriacontane (C36)

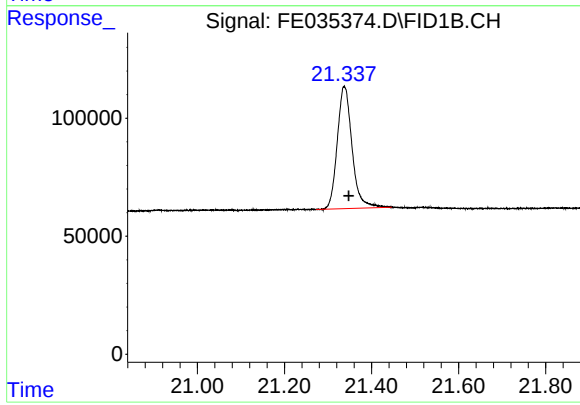
R.T.: 19.829 min
Delta R.T.: -0.003 min
Response: 1440212
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: -0.006 min
Response: 1310703
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.011 min
Response: 1220465
Conc: 19.95 ug/ml