

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032422AL\
 Data File : FE035543.D
 Signal(s) : FID1B.CH
 Acq On : 25 Mar 2022 10:12
 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 25 14:52:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 13:27:46 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)	11.352	2703256	20.381 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	12.786	2048940	21.788 ug/ml
Spiked Amount 50.000		Recovery =	43.58%
Target Compounds			
1) T n-Nonane (C9)	3.169	2256587	20.327 ug/ml
2) T n-Decane (C10)	4.223	2244244	20.424 ug/ml
3) T A~Naphthalene (C11.7)	5.793	2423404	20.892 ug/ml
4) T n-Dodecane (C12)	6.228	2338349	20.587 ug/ml
5) T A~2-methylnaphthalene...	6.843	2374471	20.818 ug/ml
6) T n-Tetradecane (C14)	8.014	2372187	20.743 ug/ml
7) T n-Hexadecane (C16)	9.608	2402348	20.522 ug/ml
8) T n-Octadecane (C18)	11.043	2450757	20.249 ug/ml
10) T n-Eicosane (C20)	12.345	2443453	20.408 ug/ml
11) T n-Heneicosane (C21)	12.954	2446101	20.402 ug/ml
13) T n-Docosane (C22)	13.538	2442623	20.526 ug/ml
14) T n-Tetracosane (C24)	14.635	2433581	20.712 ug/ml
15) T n-Hexacosane (C26)	15.651	2386264	21.072 ug/ml
16) T n-Octacosane (C28)	16.596	2330508	21.511 ug/ml
17) T n-Tricontane (C30)	17.479	2239718	21.933 ug/ml
18) T n-Dotriacontane (C32)	18.307	2071770	22.272 ug/ml
19) T n-Tetratriacontane (C34)	19.087	1870335	22.385 ug/ml
20) T n-Hexatriacontane (C36)	19.824	1700178	23.106 ug/ml
21) T n-Octatriacontane (C38)	20.525	1579062	25.130 ug/ml
22) T n-Tetracontane (C40)	21.336	1556028	34.674 ug/ml

(f)=RT Delta > 1/2 Window

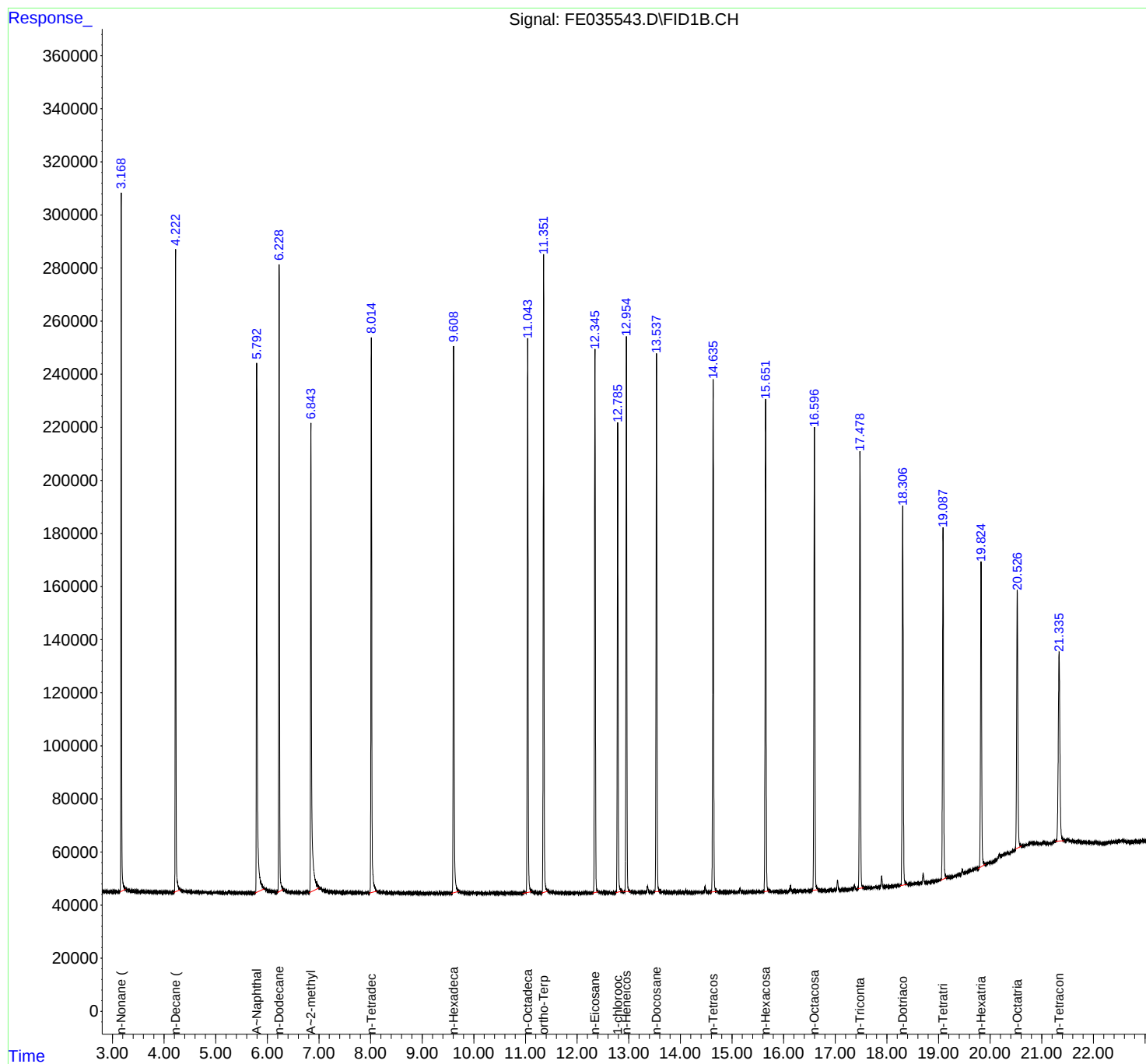
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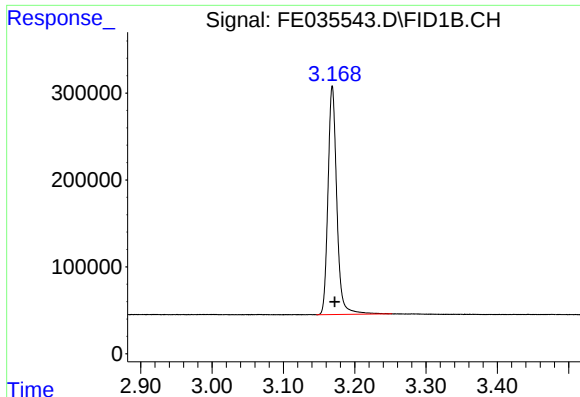
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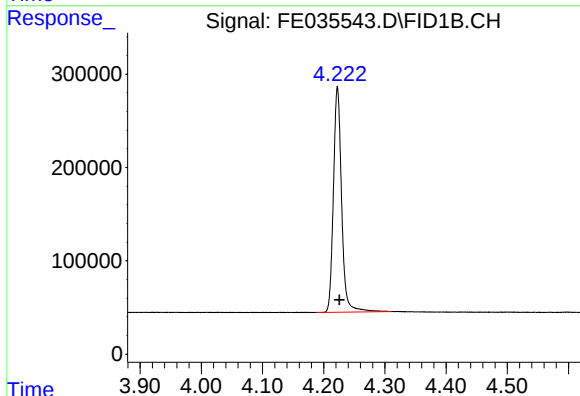




#1 n-Nonane (C9)

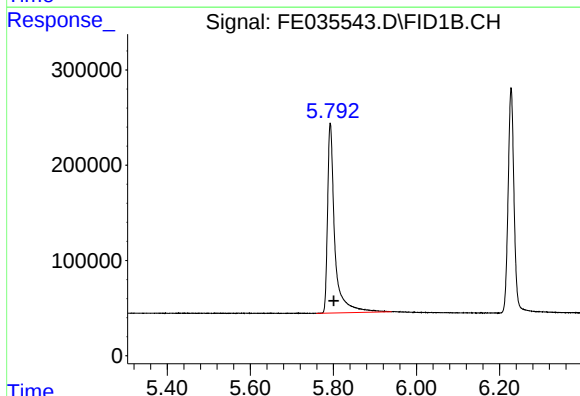
R.T.: 3.169 min
Delta R.T.: -0.003 min
Response: 2256587
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



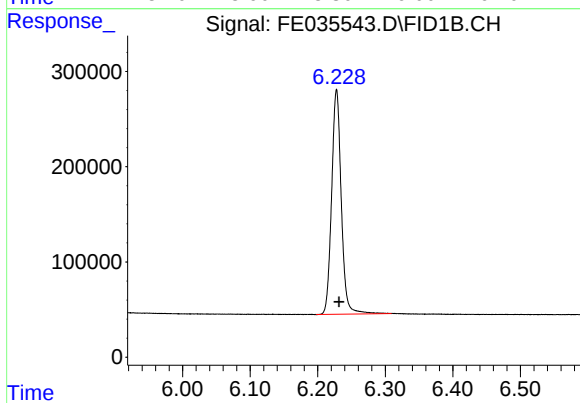
#2 n-Decane (C10)

R.T.: 4.223 min
Delta R.T.: -0.003 min
Response: 2244244
Conc: 20.42 ug/ml



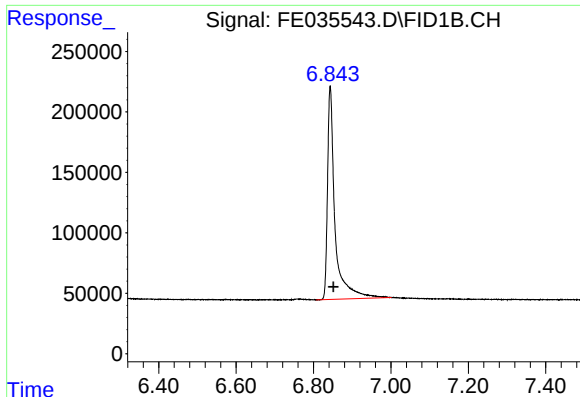
#3 A~Naphthalene (C11.7)

R.T.: 5.793 min
Delta R.T.: -0.008 min
Response: 2423404
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

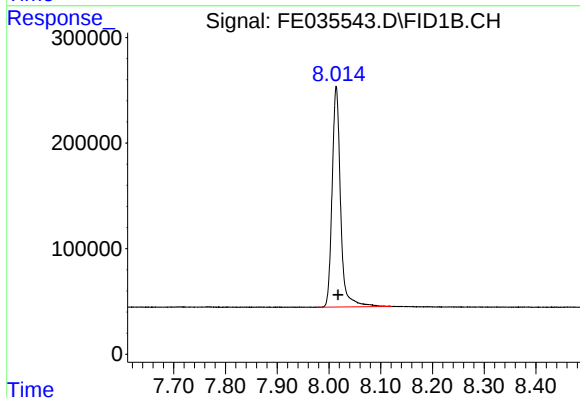
R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 2338349
Conc: 20.59 ug/ml



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

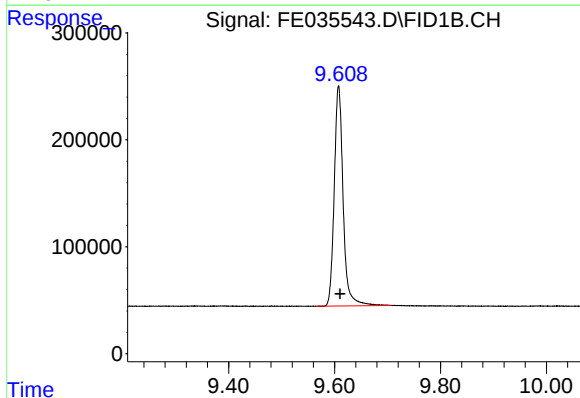
R.T.: 6.843 min
Delta R.T.: -0.009 min
Response: 2374471
Conc: 20.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



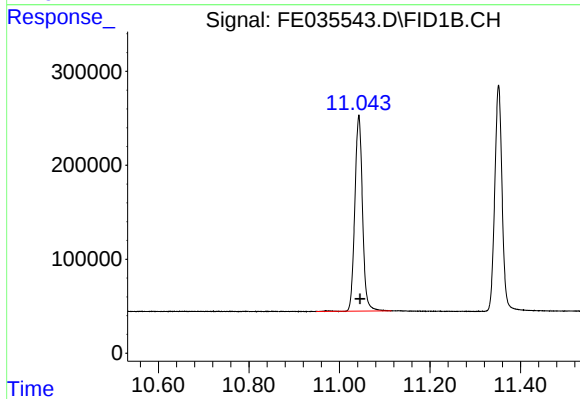
#6 n-Tetradecane (C14)

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 2372187
Conc: 20.74 ug/ml



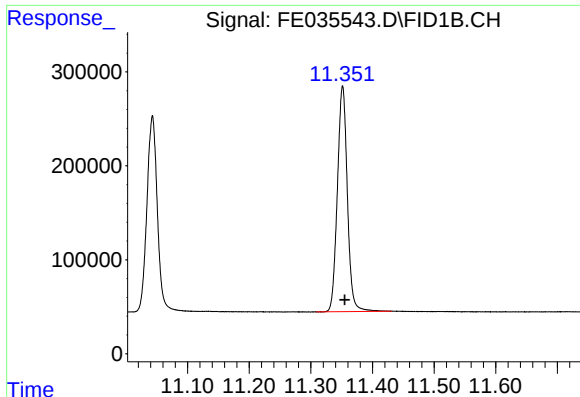
#7 n-Hexadecane (C16)

R.T.: 9.608 min
Delta R.T.: -0.003 min
Response: 2402348
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

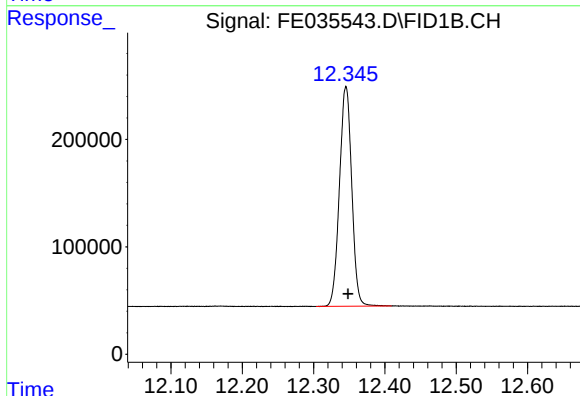
R.T.: 11.043 min
Delta R.T.: -0.002 min
Response: 2450757
Conc: 20.25 ug/ml



#9 ortho-Terphenyl (SURR)

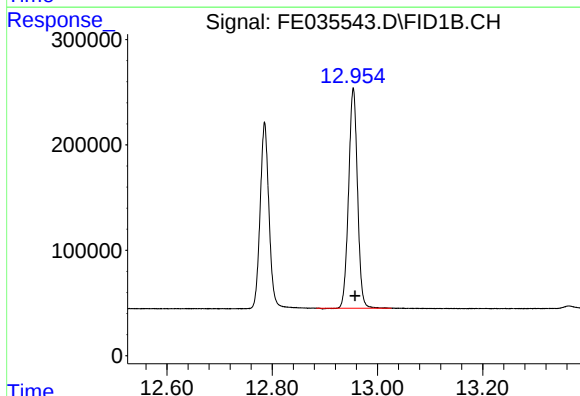
R.T.: 11.352 min
Delta R.T.: -0.004 min
Response: 2703256
Conc: 20.38 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



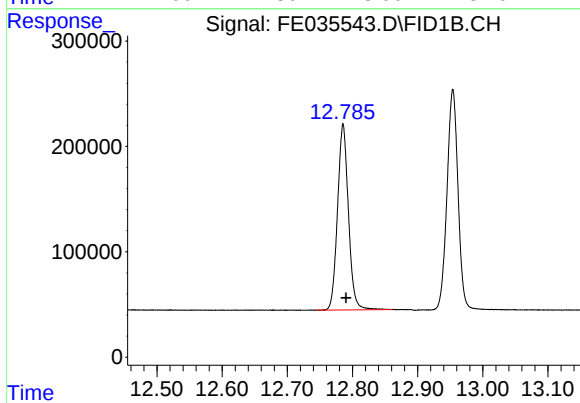
#10 n-Eicosane (C20)

R.T.: 12.345 min
Delta R.T.: -0.003 min
Response: 2443453
Conc: 20.41 ug/ml



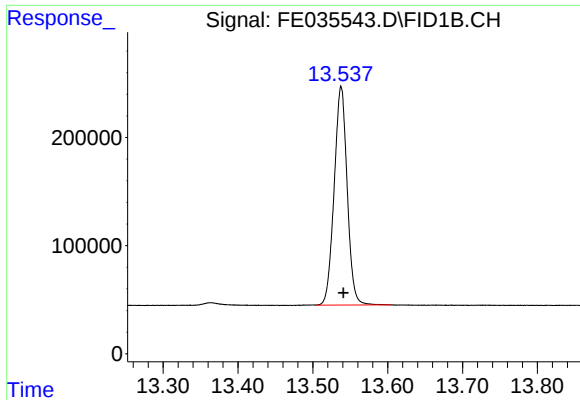
#11 n-Heneicosane (C21)

R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 2446101
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

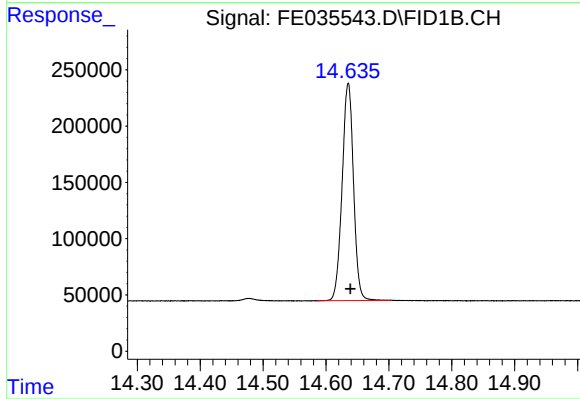
R.T.: 12.786 min
Delta R.T.: -0.004 min
Response: 2048940
Conc: 21.79 ug/ml



#13 n-Docosane (C22)

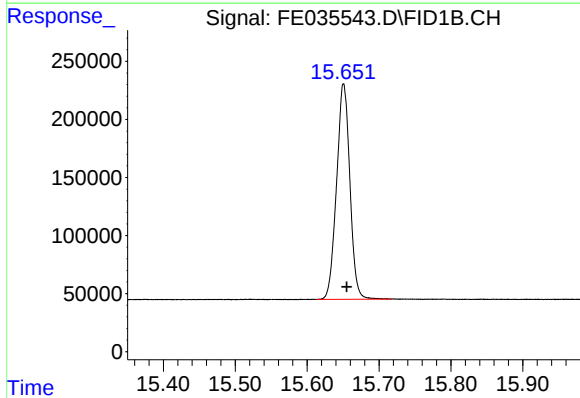
R.T.: 13.538 min
Delta R.T.: -0.003 min
Response: 2442623
Conc: 20.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



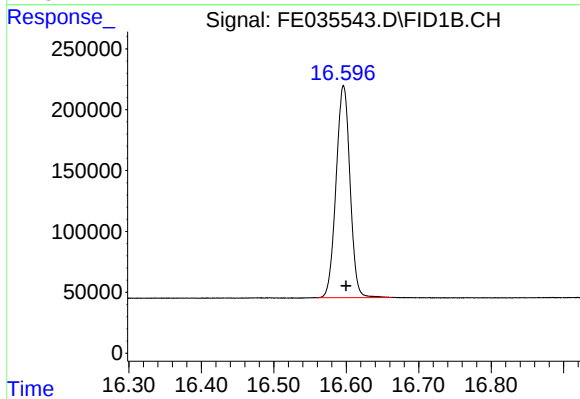
#14 n-Tetracosane (C24)

R.T.: 14.635 min
Delta R.T.: -0.003 min
Response: 2433581
Conc: 20.71 ug/ml



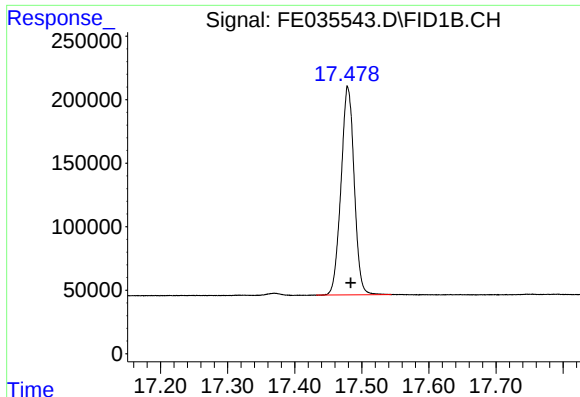
#15 n-Hexacosane (C26)

R.T.: 15.651 min
Delta R.T.: -0.004 min
Response: 2386264
Conc: 21.07 ug/ml



#16 n-Octacosane (C28)

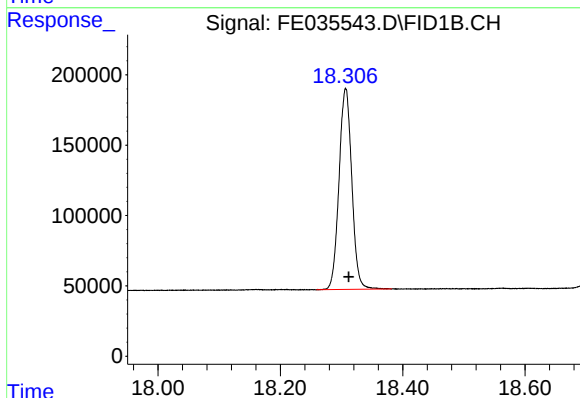
R.T.: 16.596 min
Delta R.T.: -0.004 min
Response: 2330508
Conc: 21.51 ug/ml



#17 n-Tricontane (C30)

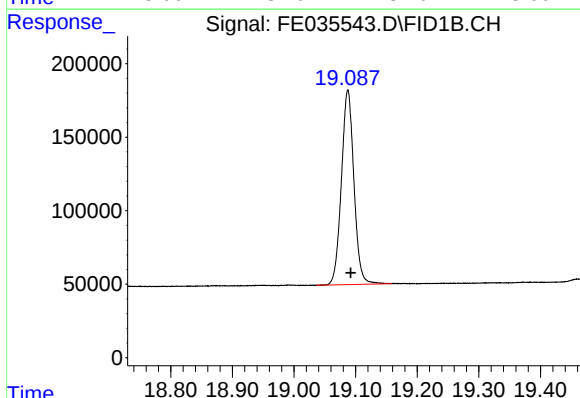
R.T.: 17.479 min
Delta R.T.: -0.005 min
Response: 2239718
Conc: 21.93 ug/ml

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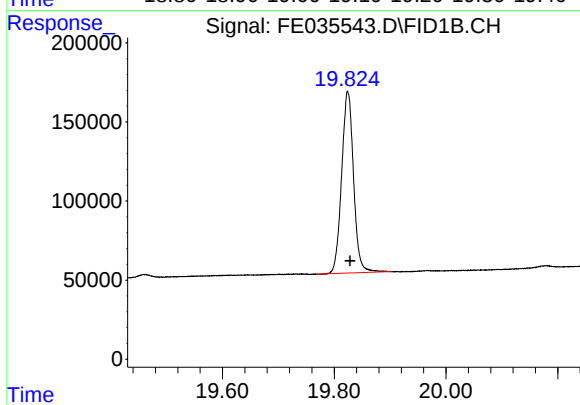
#18 n-Dotriacontane (C32)

R.T.: 18.307 min
Delta R.T.: -0.005 min
Response: 2071770
Conc: 22.27 ug/ml



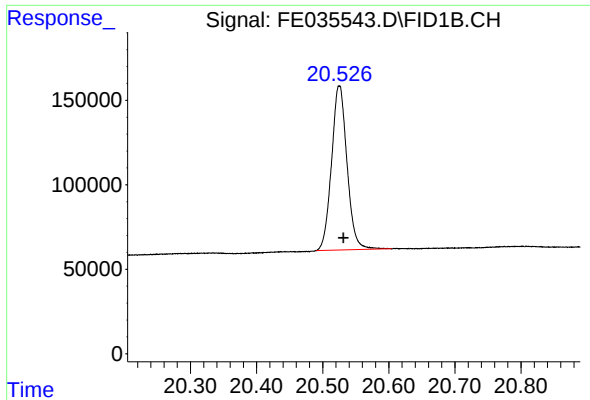
#19 n-Tetratriacontane (C34)

R.T.: 19.087 min
Delta R.T.: -0.005 min
Response: 1870335
Conc: 22.38 ug/ml



#20 n-Hexatriacontane (C36)

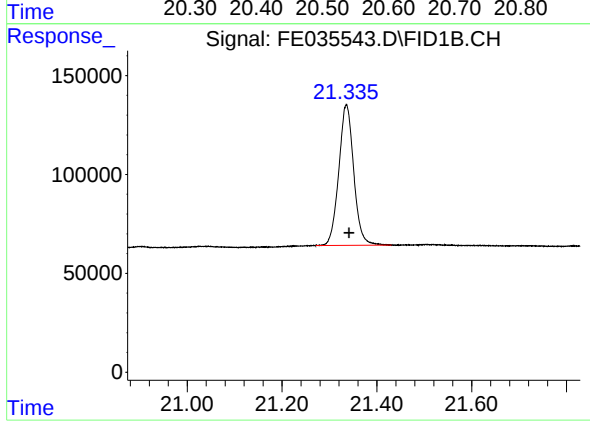
R.T.: 19.824 min
Delta R.T.: -0.004 min
Response: 1700178
Conc: 23.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: -0.006 min
Response: 1579062
Conc: 25.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.336 min
Delta R.T.: -0.006 min
Response: 1556028
Conc: 34.67 ug/ml