

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030322AL\
 Data File : FE035206.D
 Signal(s) : FID1B.CH
 Acq On : 03 Mar 2022 12:20
 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 04 00:36:11 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)	11.362	2654603	19.166 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	12.796	2033426	18.773 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
Target Compounds			
1) T n-Nonane (C9)	3.185	2245285	19.554 ug/ml
2) T n-Decane (C10)	4.238	2226769	19.546 ug/ml
3) T A~Naphthalene (C11.7)	5.803	2476794	19.500 ug/ml
4) T n-Dodecane (C12)	6.243	2293983	19.511 ug/ml
5) T A~2-methylnaphthalene...	6.852	2490379	19.496 ug/ml
6) T n-Tetradecane (C14)	8.028	2330994	19.532 ug/ml
7) T n-Hexadecane (C16)	9.621	2365605	19.416 ug/ml
8) T n-Octadecane (C18)	11.054	2410972	19.233 ug/ml
10) T n-Eicosane (C20)	12.357	2405762	19.025 ug/ml
11) T n-Heneicosane (C21)	12.966	2407624	18.906 ug/ml
13) T n-Docosane (C22)	13.548	2387832	18.805 ug/ml
14) T n-Tetracosane (C24)	14.646	2367611	18.693 ug/ml
15) T n-Hexacosane (C26)	15.662	2321745	18.724 ug/ml
16) T n-Octacosane (C28)	16.606	2278510	19.010 ug/ml
17) T n-Tricontane (C30)	17.487	2221271	19.612 ug/ml
18) T n-Dotriacontane (C32)	18.316	2047881	20.111 ug/ml
19) T n-Tetratriacontane (C34)	19.096	1819084	20.387 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1591192	20.960 ug/ml
21) T n-Octatriacontane (C38)	20.533	1429340	21.645 ug/ml
22) T n-Tetracontane (C40)	21.343	1329808	21.741 ug/ml

(f)=RT Delta > 1/2 Window

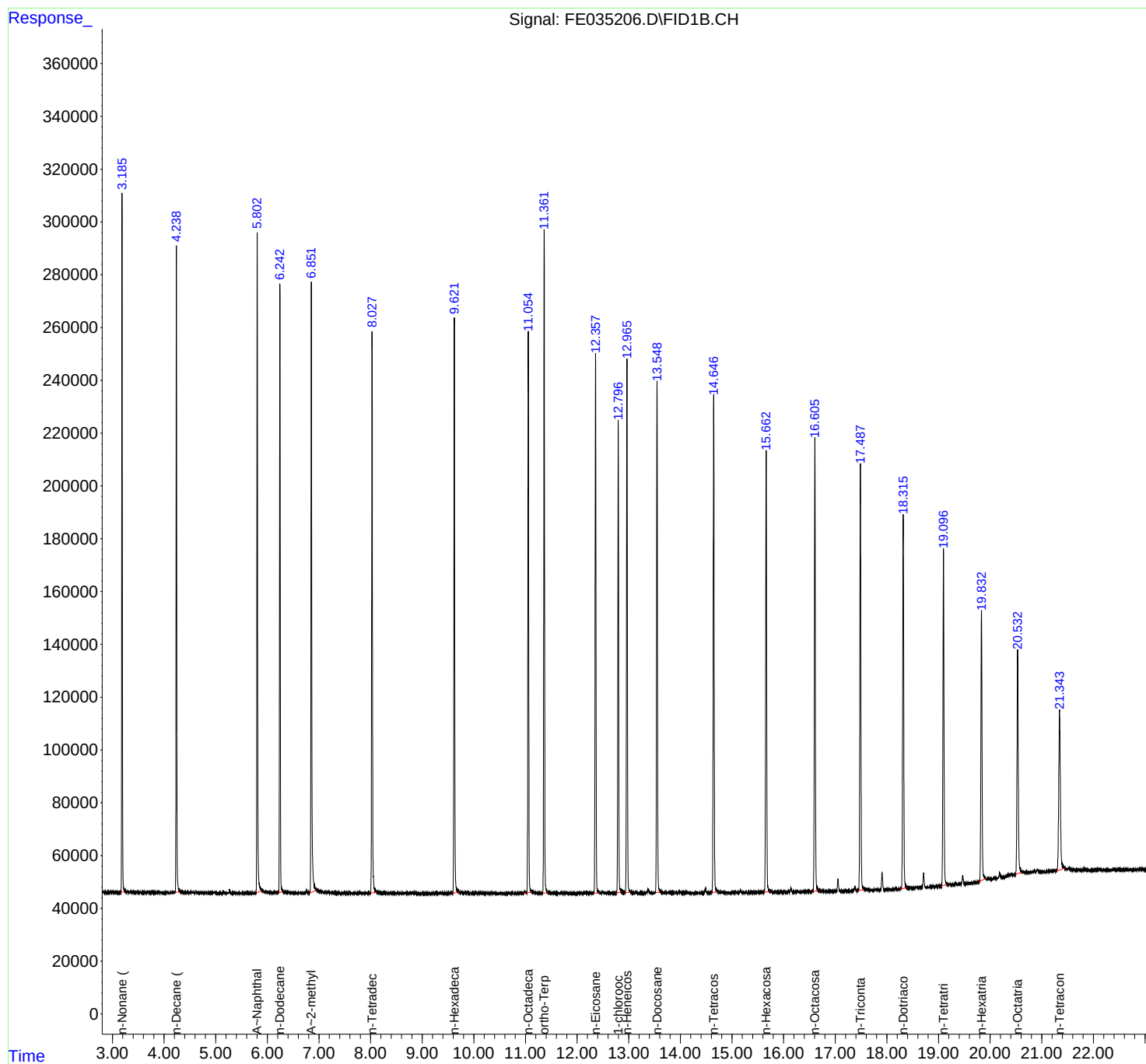
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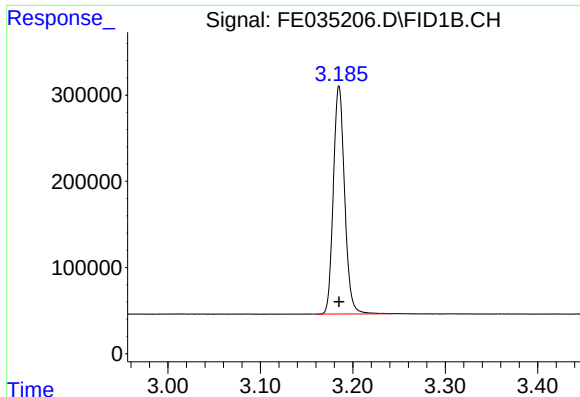
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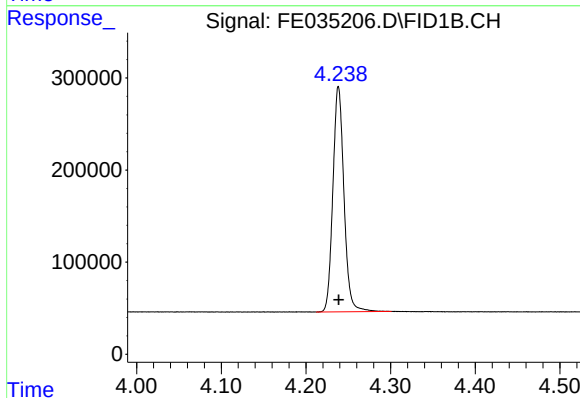




#1 n-Nonane (C9)

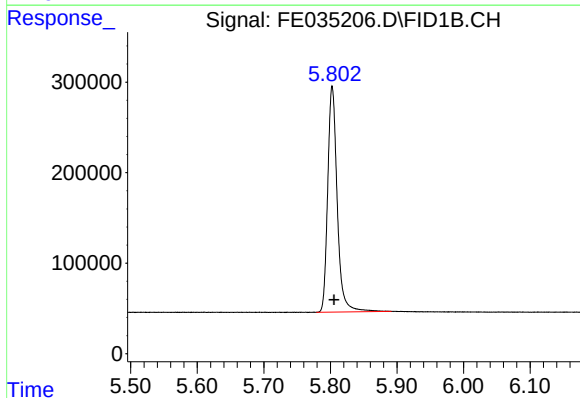
R.T.: 3.185 min
Delta R.T.: 0.000 min
Response: 2245285
Conc: 19.55 ug/ml

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20 PPM ALIPHATIC HC STD



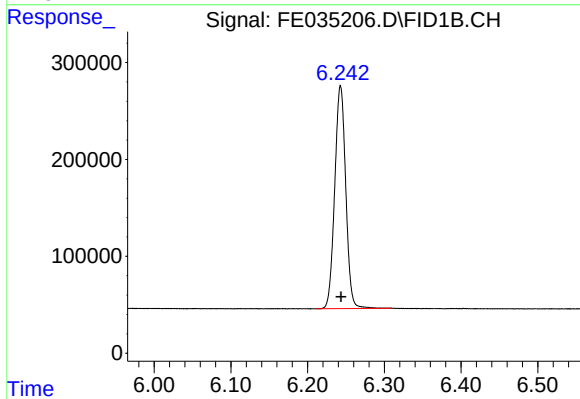
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 2226769
Conc: 19.55 ug/ml



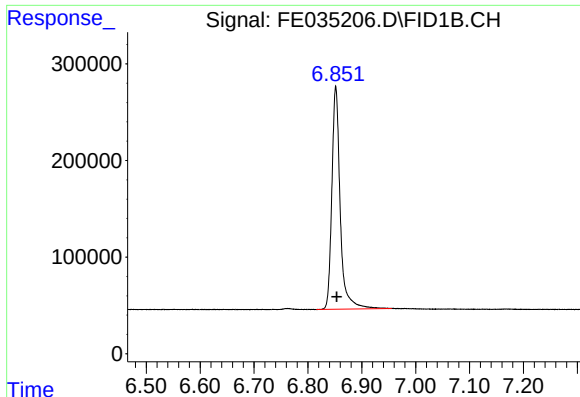
#3 A~Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 2476794
Conc: 19.50 ug/ml



#4 n-Dodecane (C12)

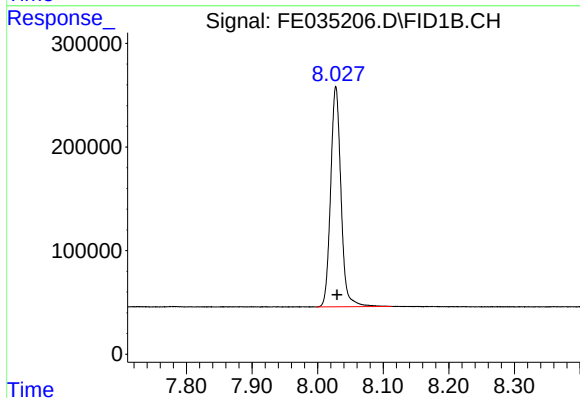
R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 2293983
Conc: 19.51 ug/ml



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

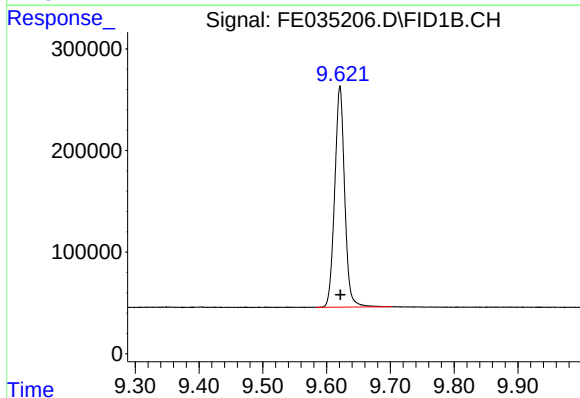
R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 2490379
Conc: 19.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



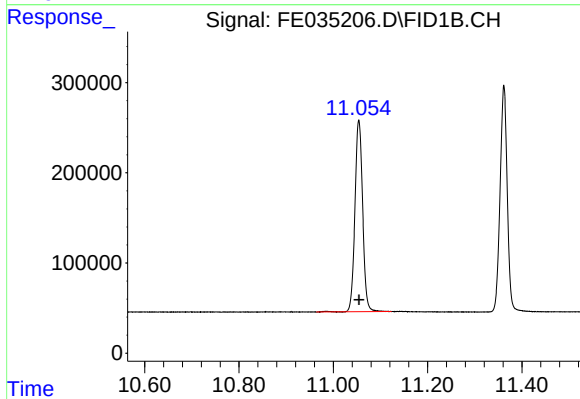
#6 n-Tetradecane (C14)

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 2330994
Conc: 19.53 ug/ml



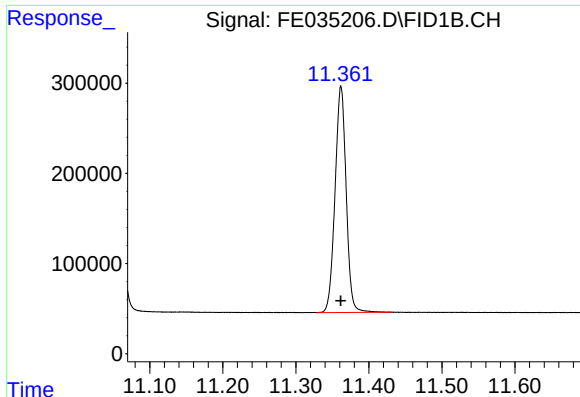
#7 n-Hexadecane (C16)

R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 2365605
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

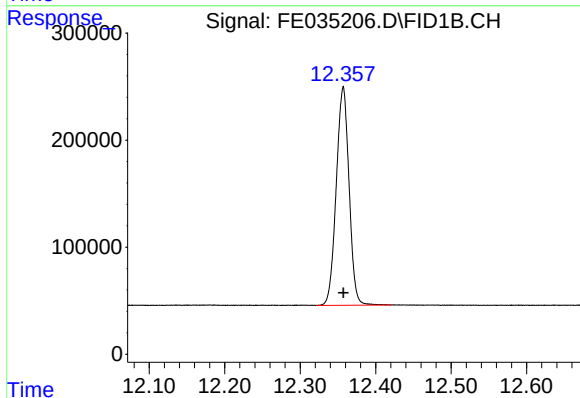
R.T.: 11.054 min
Delta R.T.: 0.000 min
Response: 2410972
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURRE)

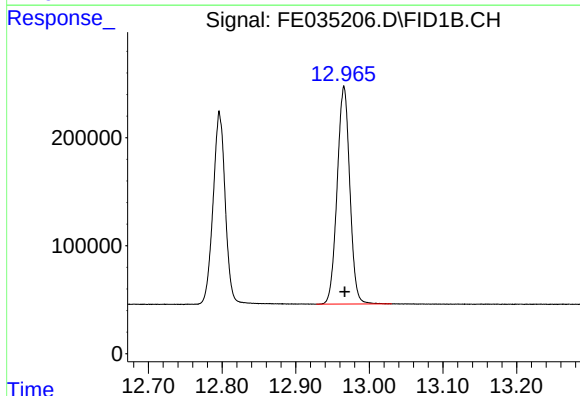
R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 2654603
Conc: 19.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



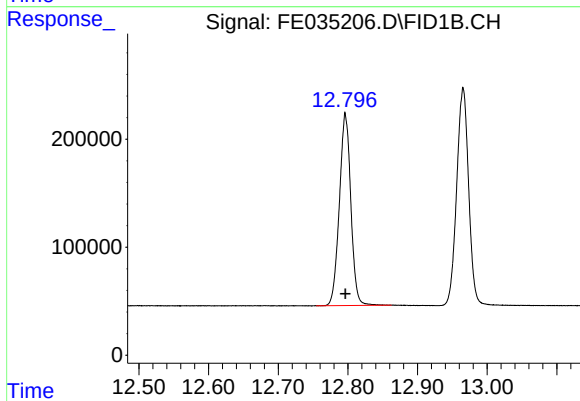
#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: 0.000 min
Response: 2405762
Conc: 19.03 ug/ml



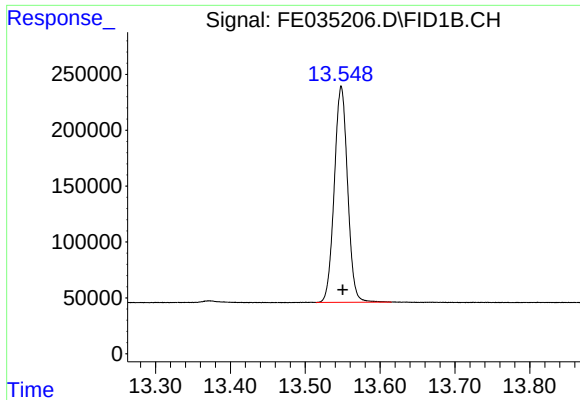
#11 n-Heneicosane (C21)

R.T.: 12.966 min
Delta R.T.: -0.001 min
Response: 2407624
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURRE)

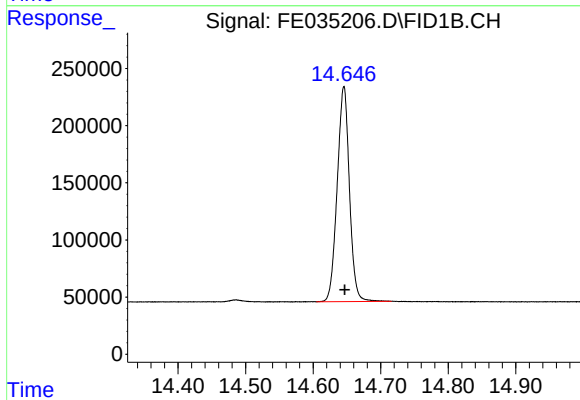
R.T.: 12.796 min
Delta R.T.: 0.000 min
Response: 2033426
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

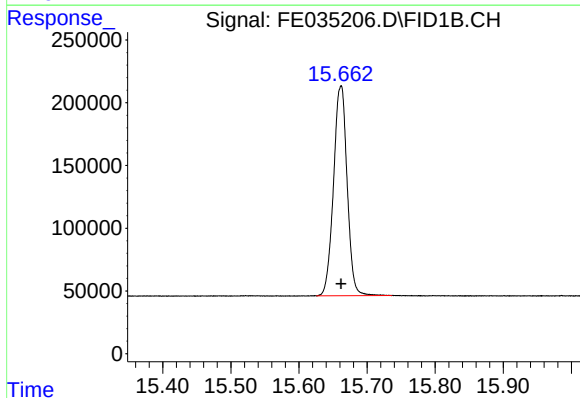
R.T.: 13.548 min
Delta R.T.: -0.002 min
Response: 2387832
Conc: 18.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



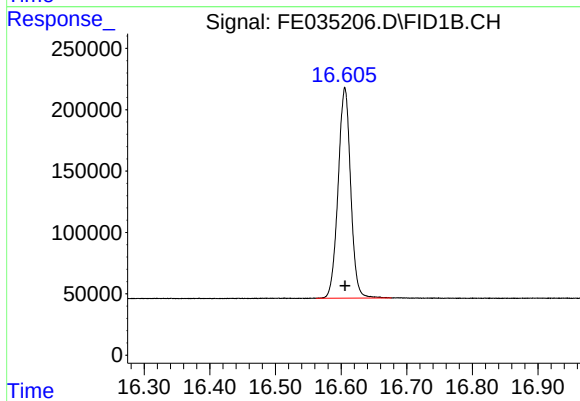
#14 n-Tetracosane (C24)

R.T.: 14.646 min
Delta R.T.: -0.001 min
Response: 2367611
Conc: 18.69 ug/ml



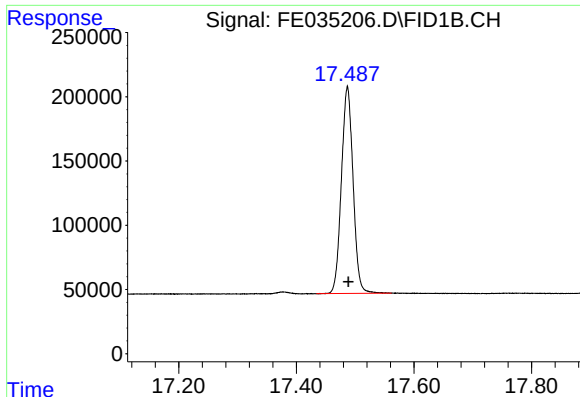
#15 n-Hexacosane (C26)

R.T.: 15.662 min
Delta R.T.: 0.000 min
Response: 2321745
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

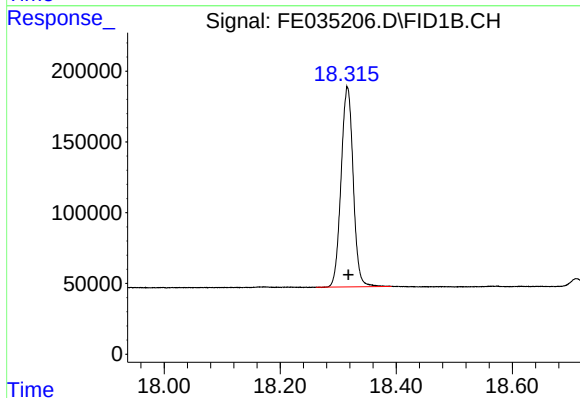
R.T.: 16.606 min
Delta R.T.: 0.000 min
Response: 2278510
Conc: 19.01 ug/ml



#17 n-Tricontane (C30)

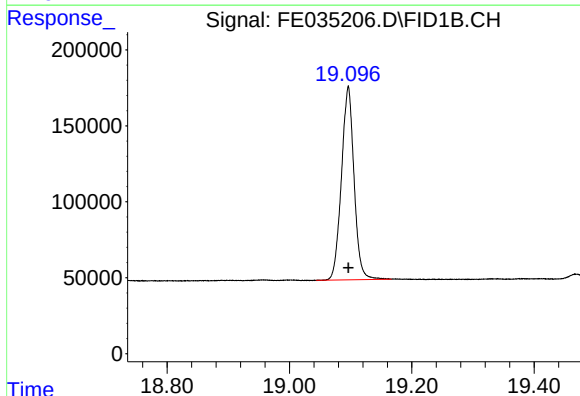
R.T.: 17.487 min
Delta R.T.: -0.001 min
Response: 2221271
Conc: 19.61 ug/ml

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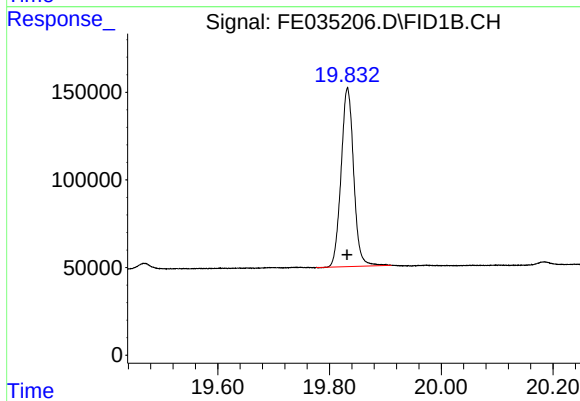
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: -0.001 min
Response: 2047881
Conc: 20.11 ug/ml



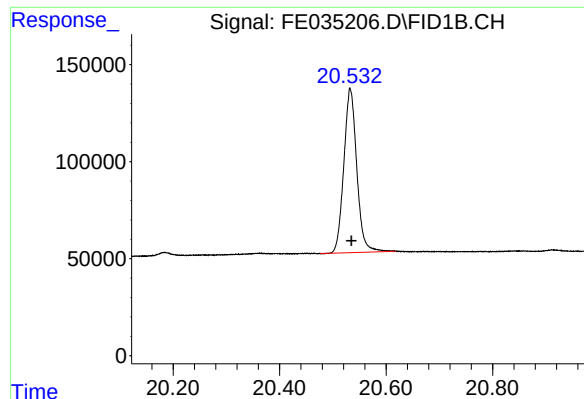
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.000 min
Response: 1819084
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

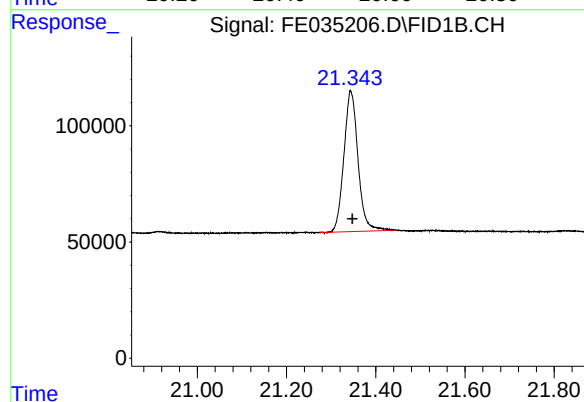
R.T.: 19.832 min
Delta R.T.: 0.000 min
Response: 1591192
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: -0.002 min
Response: 1429340
Conc: 21.65 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.004 min
Response: 1329808
Conc: 21.74 ug/ml