

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030322AL\
 Data File : FE035202.D
 Signal(s) : FID1B.CH
 Acq On : 03 Mar 2022 10:11
 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 00:35:31 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)	11.363	2805375	20.255 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	12.797	2172818	20.060 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.185	2344476	20.418 ug/ml
2) T n-Decane (C10)	4.238	2333300	20.481 ug/ml
3) T A~Naphthalene (C11.7)	5.803	2598887	20.462 ug/ml
4) T n-Dodecane (C12)	6.243	2419181	20.576 ug/ml
5) T A~2-methylnaphthalene...	6.852	2621866	20.525 ug/ml
6) T n-Tetradecane (C14)	8.028	2447361	20.507 ug/ml
7) T n-Hexadecane (C16)	9.621	2491675	20.451 ug/ml
8) T n-Octadecane (C18)	11.055	2557166	20.399 ug/ml
10) T n-Eicosane (C20)	12.358	2566960	20.300 ug/ml
11) T n-Heneicosane (C21)	12.967	2571779	20.195 ug/ml
13) T n-Docosane (C22)	13.549	2558909	20.152 ug/ml
14) T n-Tetracosane (C24)	14.646	2528562	19.964 ug/ml
15) T n-Hexacosane (C26)	15.661	2469937	19.919 ug/ml
16) T n-Octacosane (C28)	16.605	2395994	19.990 ug/ml
17) T n-Tricontane (C30)	17.487	2304721	20.348 ug/ml
18) T n-Dotriacontane (C32)	18.316	2102270	20.645 ug/ml
19) T n-Tetratriacontane (C34)	19.095	1848294	20.715 ug/ml
20) T n-Hexatriacontane (C36)	19.831	1603666	21.125 ug/ml
21) T n-Octatriacontane (C38)	20.532	1424476	21.572 ug/ml
22) T n-Tetracontane (C40)	21.345	1342381	21.946 ug/ml

(f)=RT Delta > 1/2 Window

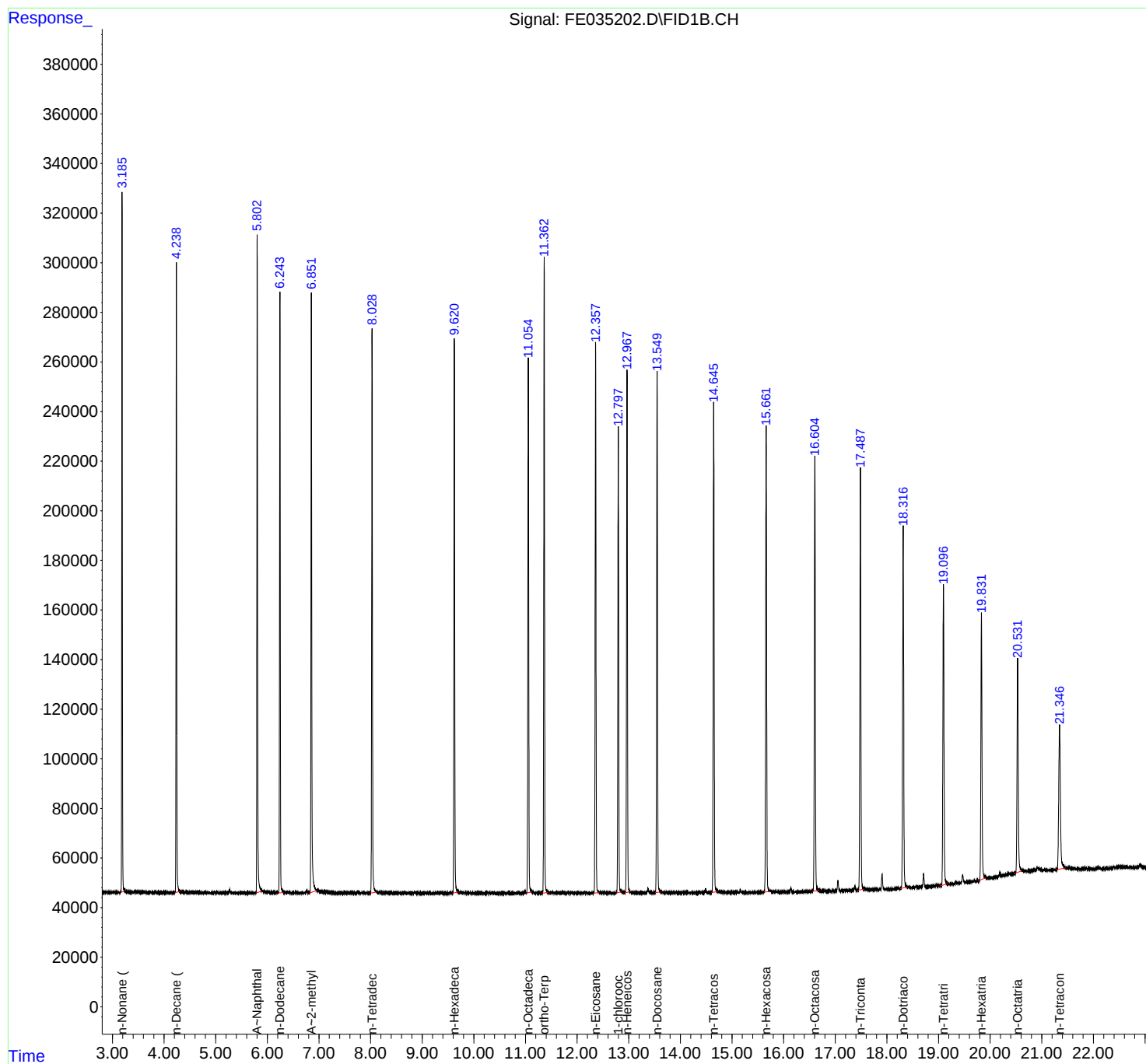
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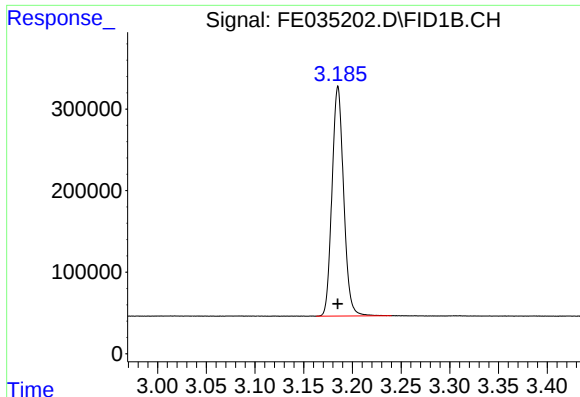
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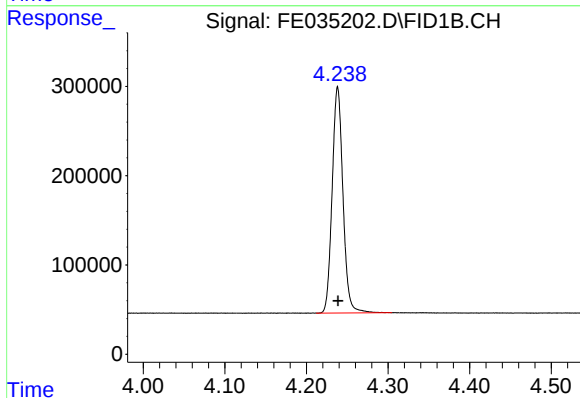




#1 n-Nonane (C9)

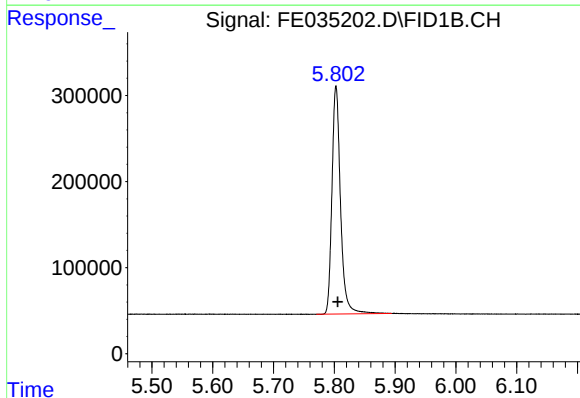
R.T.: 3.185 min
Delta R.T.: 0.000 min
Response: 2344476
Conc: 20.42 ug/ml

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20 PPM ALIPHATIC HC STD



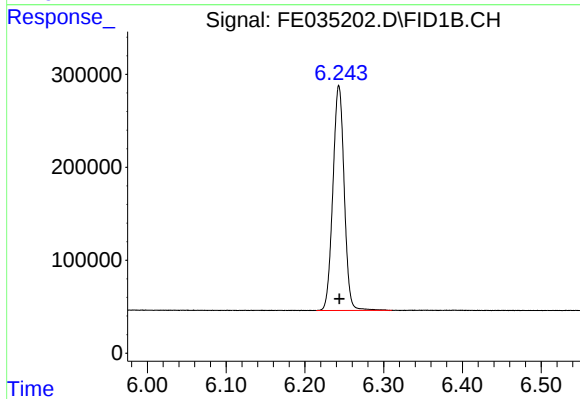
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 2333300
Conc: 20.48 ug/ml



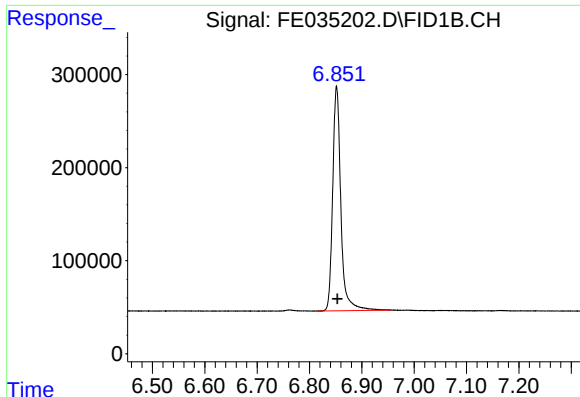
#3 A~Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 2598887
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

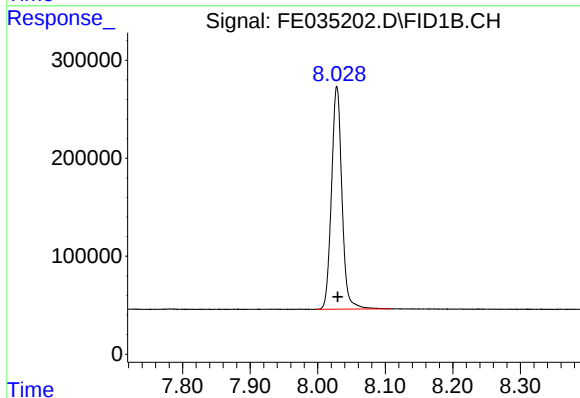
R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 2419181
Conc: 20.58 ug/ml



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

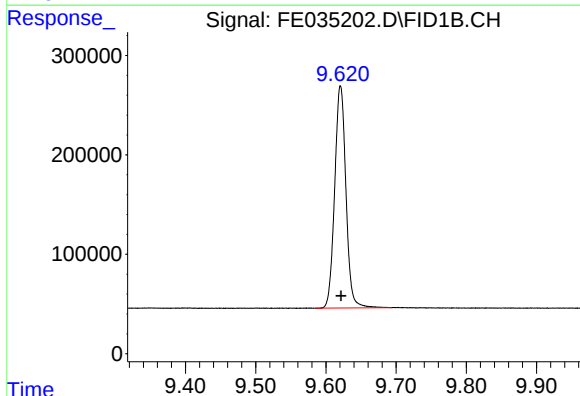
R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 2621866
Conc: 20.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



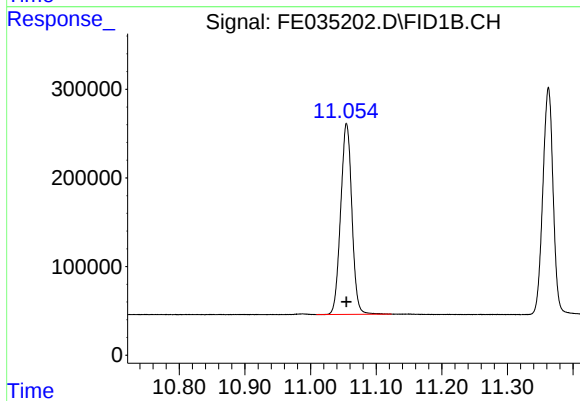
#6 n-Tetradecane (C14)

R.T.: 8.028 min
Delta R.T.: -0.001 min
Response: 2447361
Conc: 20.51 ug/ml



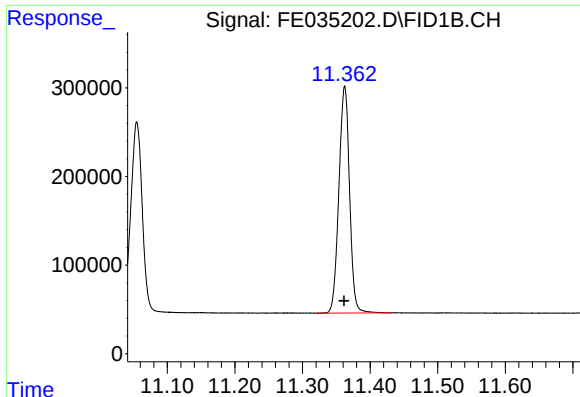
#7 n-Hexadecane (C16)

R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 2491675
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

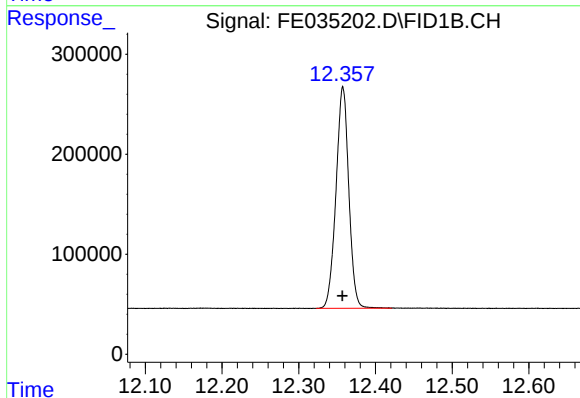
R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 2557166
Conc: 20.40 ug/ml



#9 ortho-Terphenyl (SURR)

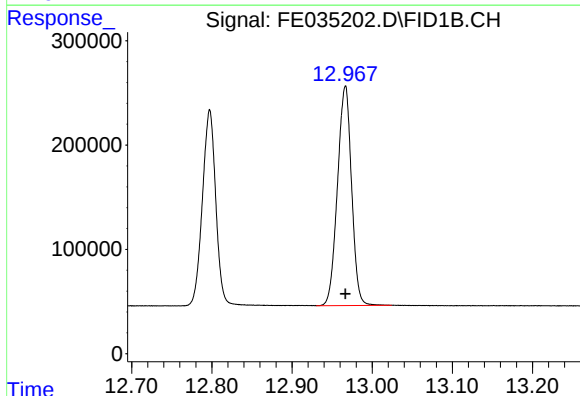
R.T.: 11.363 min
Delta R.T.: 0.001 min
Response: 2805375
Conc: 20.26 ug/ml

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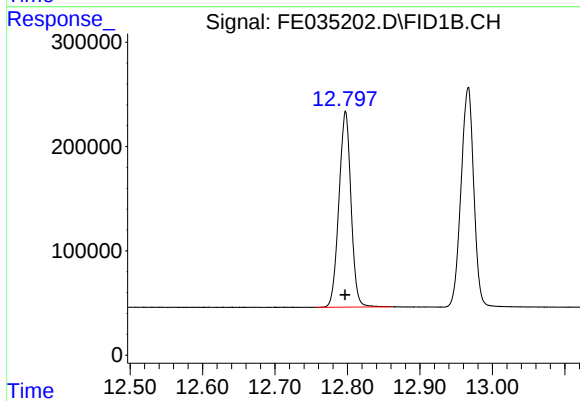
#10 n-Eicosane (C20)

R.T.: 12.358 min
Delta R.T.: 0.000 min
Response: 2566960
Conc: 20.30 ug/ml



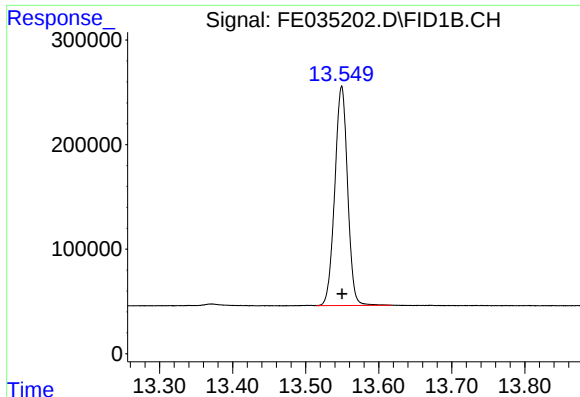
#11 n-Heneicosane (C21)

R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2571779
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

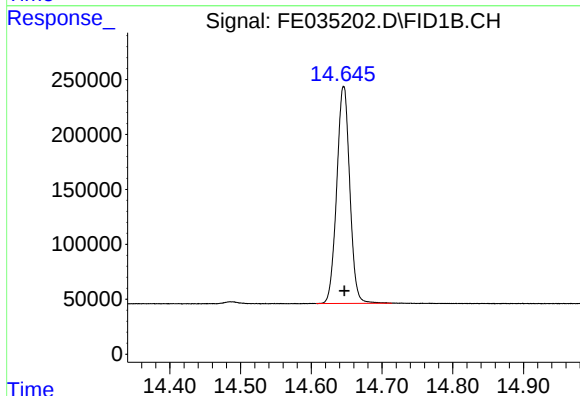
R.T.: 12.797 min
Delta R.T.: 0.000 min
Response: 2172818
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

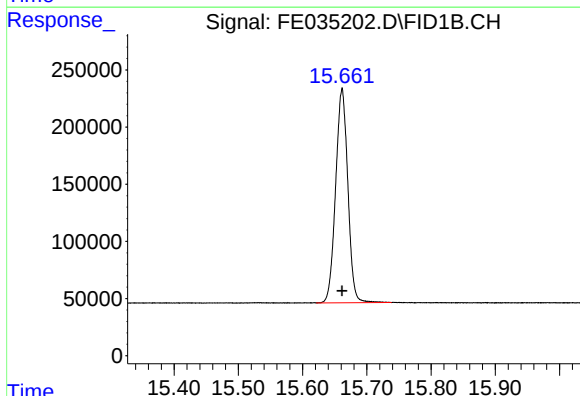
R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 2558909
Conc: 20.15 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



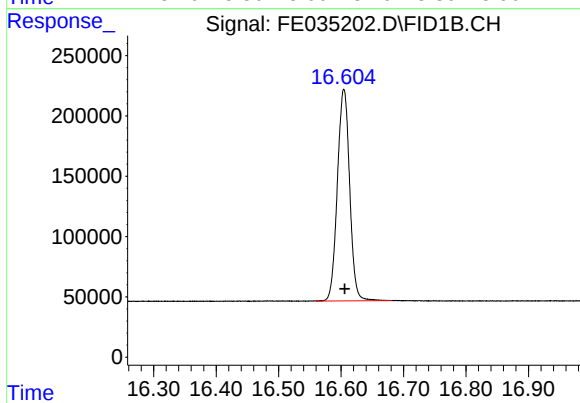
#14 n-Tetracosane (C24)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 2528562
Conc: 19.96 ug/ml



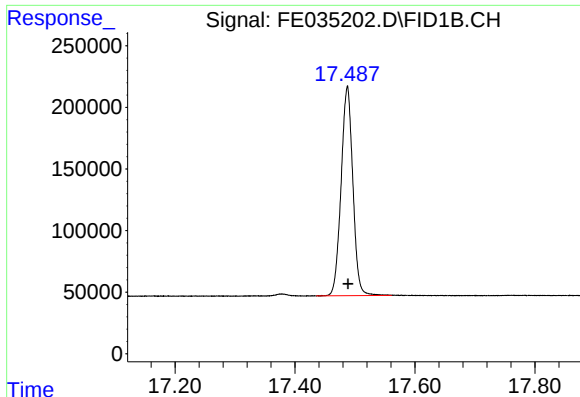
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: 0.000 min
Response: 2469937
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

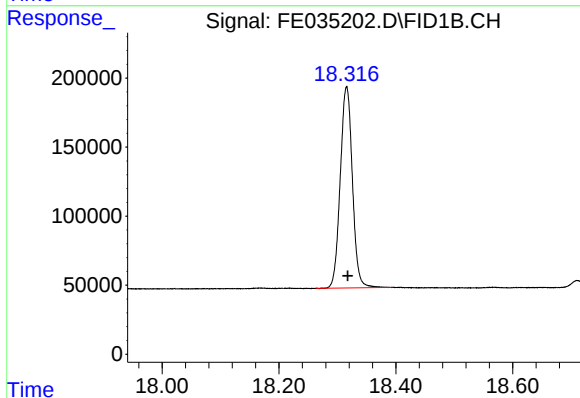
R.T.: 16.605 min
Delta R.T.: -0.001 min
Response: 2395994
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

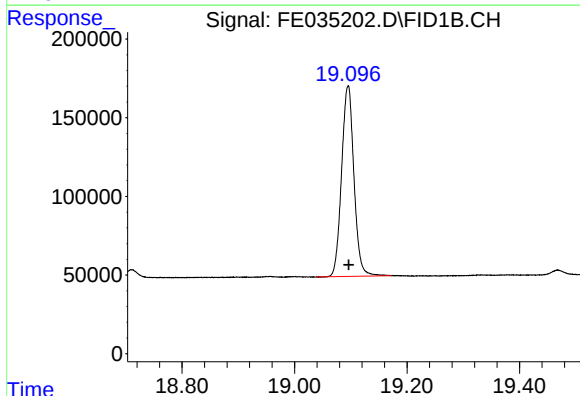
R.T.: 17.487 min
Delta R.T.: 0.000 min
Response: 2304721
Conc: 20.35 ug/ml

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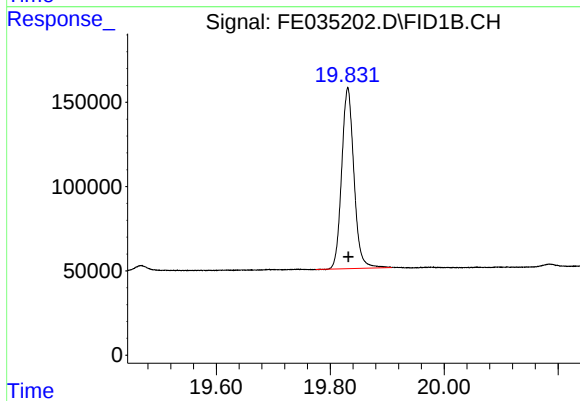
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: -0.002 min
Response: 2102270
Conc: 20.64 ug/ml



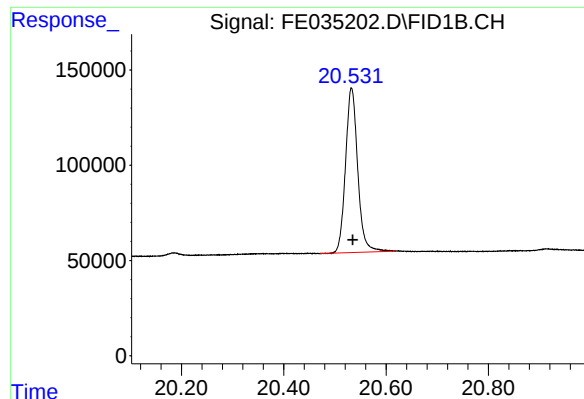
#19 n-Tetratriacontane (C34)

R.T.: 19.095 min
Delta R.T.: 0.000 min
Response: 1848294
Conc: 20.71 ug/ml



#20 n-Hexatriacontane (C36)

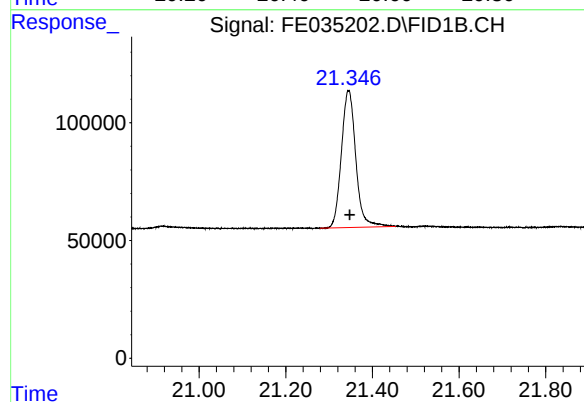
R.T.: 19.831 min
Delta R.T.: 0.000 min
Response: 1603666
Conc: 21.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: -0.002 min
Response: 1424476
Conc: 21.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: -0.002 min
Response: 1342381
Conc: 21.95 ug/ml