

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020222AL\
 Data File : FD040866.D
 Signal(s) : FID2B.CH
 Acq On : 02 Feb 2022 22:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 02 23:08:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 23:07:01 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)	10.597	2958107	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.036	2229802	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.561	2524485	20.000 ug/ml
2) T n-Decane (C10)	3.543	2549251	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.071	2764734	20.000 ug/ml
4) T n-Dodecane (C12)	5.508	2562329	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.109	2780908	20.000 ug/ml
6) T n-Tetradecane (C14)	7.282	2602362	20.000 ug/ml
7) T n-Hexadecane (C16)	8.869	2603102	20.000 ug/ml
8) T n-Octadecane (C18)	10.299	2645441	20.000 ug/ml
10) T n-Eicosane (C20)	11.599	2590780	20.000 ug/ml
11) T n-Heneicosane (C21)	12.206	2594877	20.000 ug/ml
13) T n-Docosane (C22)	12.788	2557917	20.000 ug/ml
14) T n-Tetracosane (C24)	13.884	2534882	20.000 ug/ml
15) T n-Hexacosane (C26)	14.898	2456924	20.000 ug/ml
16) T n-Octacosane (C28)	15.841	2419230	20.000 ug/ml
17) T n-Tricontane (C30)	16.724	2334130	20.000 ug/ml
18) T n-Dotriacontane (C32)	17.552	2159761	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.331	1992151	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.067	1830744	20.000 ug/ml
21) T n-Octatriacontane (C38)	19.765	1692002	20.000 ug/ml
22) T n-Tetracontane (C40)	20.554	1691212	20.000 ug/ml

(f)=RT Delta > 1/2 Window

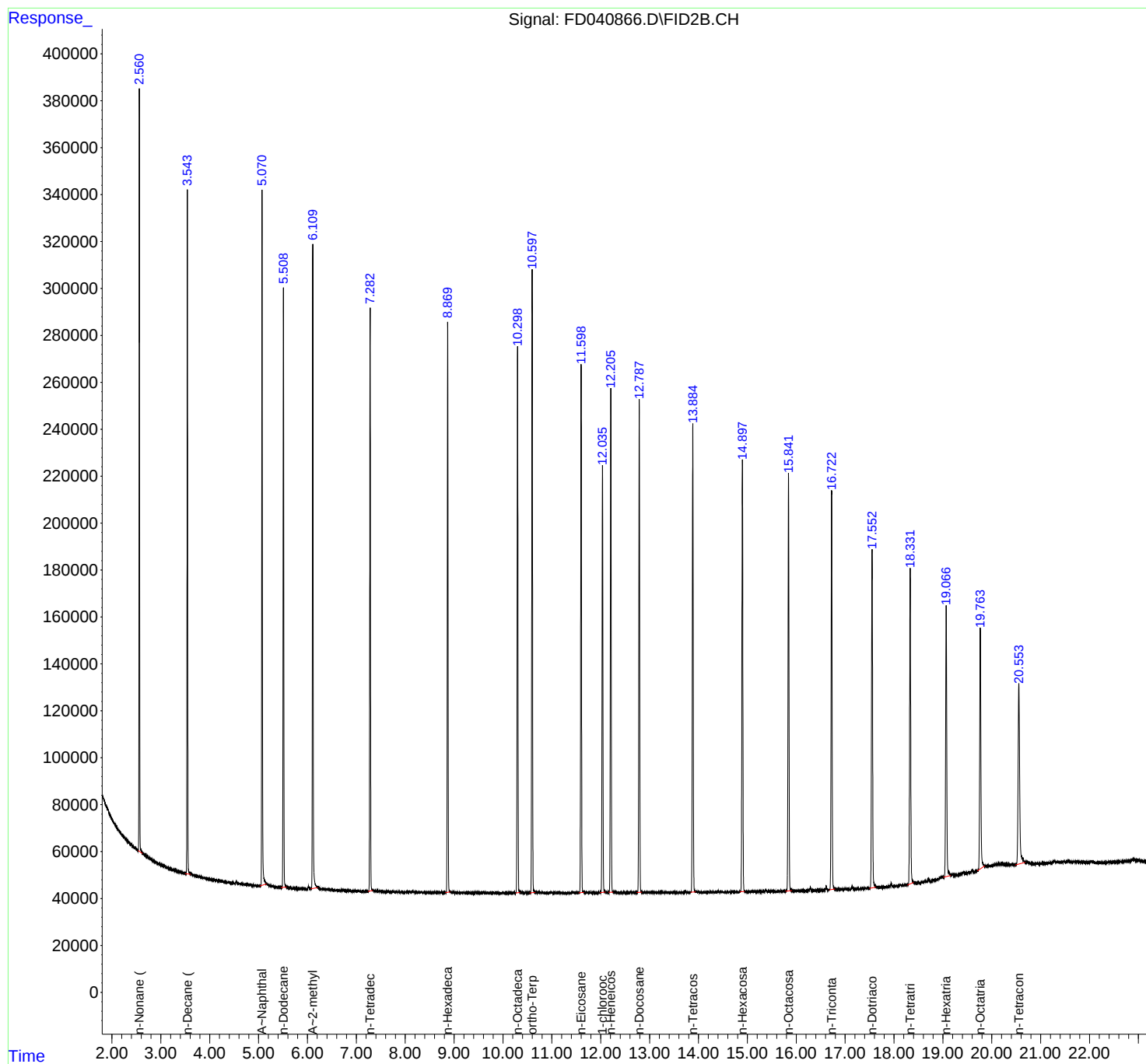
(m)=manual int.

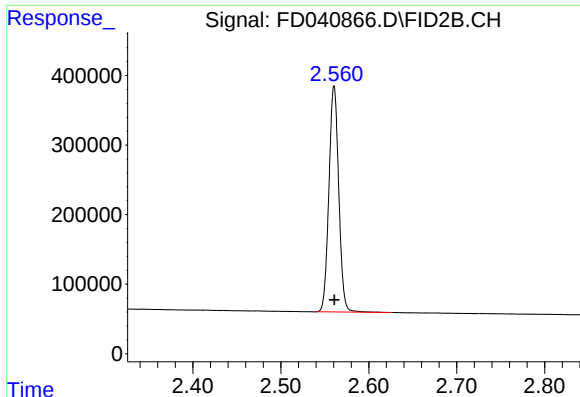
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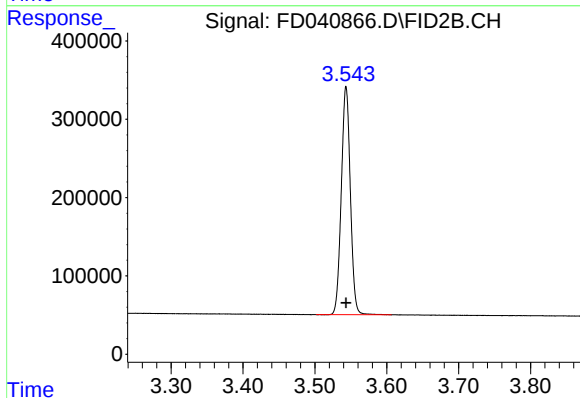




#1 n-Nonane (C9)

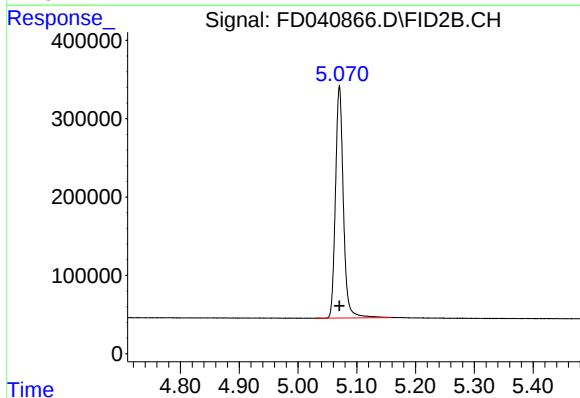
R.T.: 2.561 min
Delta R.T.: 0.000 min
Response: 2524485
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



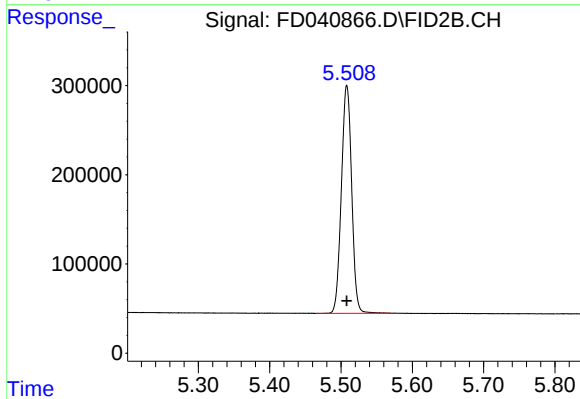
#2 n-Decane (C10)

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 2549251
Conc: 20.00 ug/ml



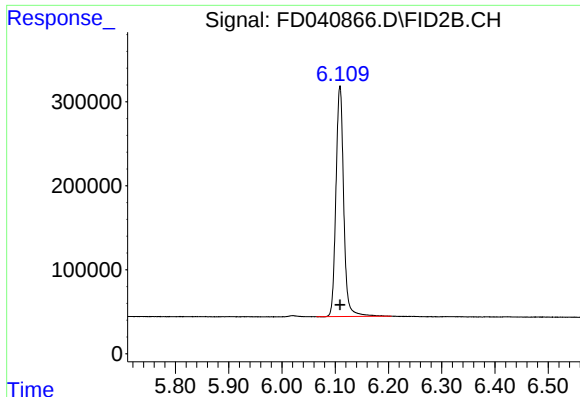
#3 A~Naphthalene (C11.7)

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2764734
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

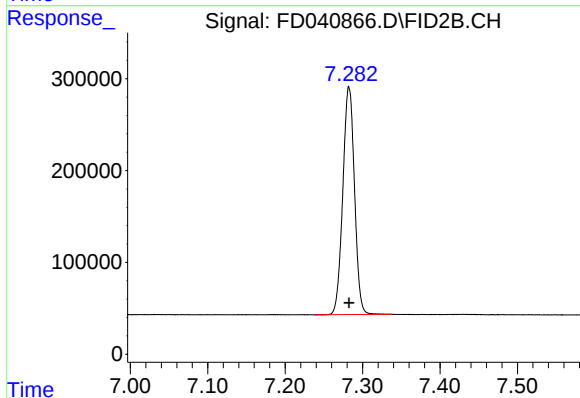
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 2562329
Conc: 20.00 ug/ml



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

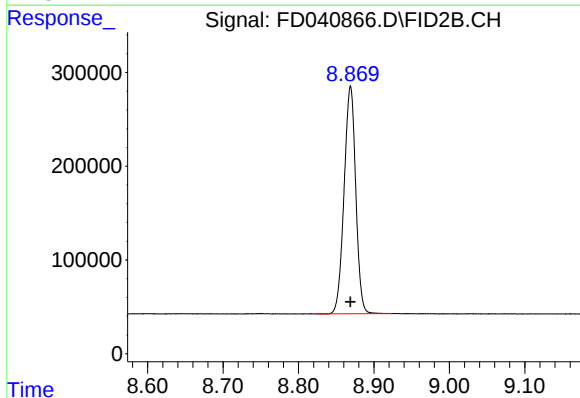
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 2780908
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



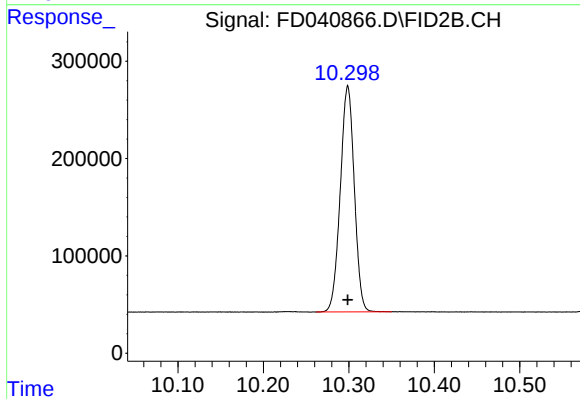
#6 n-Tetradecane (C14)

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 2602362
Conc: 20.00 ug/ml



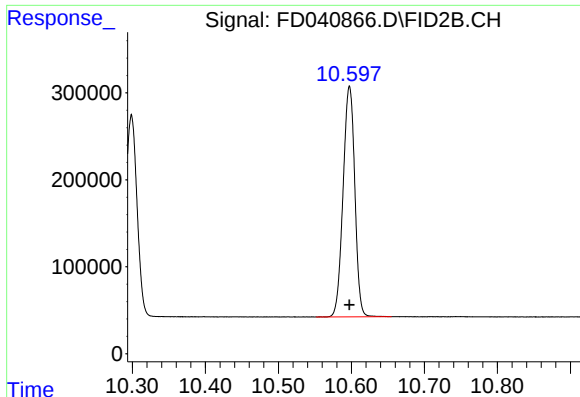
#7 n-Hexadecane (C16)

R.T.: 8.869 min
Delta R.T.: 0.000 min
Response: 2603102
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

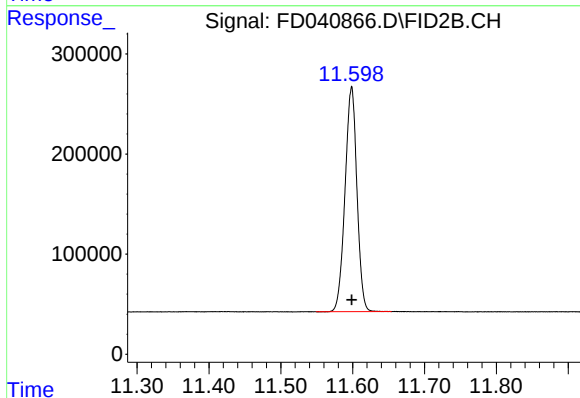
R.T.: 10.299 min
Delta R.T.: 0.000 min
Response: 2645441
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURRE)

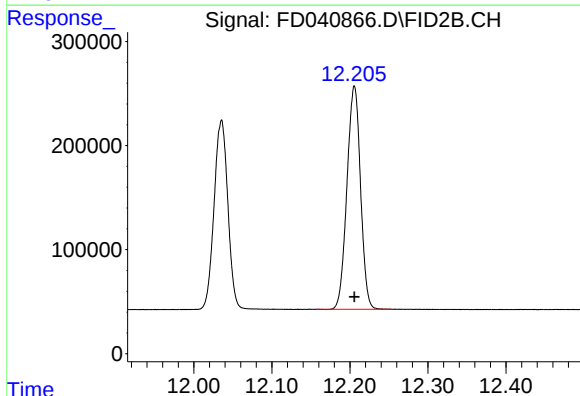
R.T.: 10.597 min
Delta R.T.: 0.000 min
Response: 2958107
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



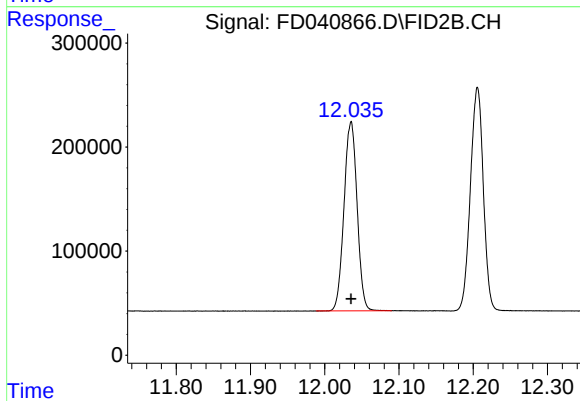
#10 n-Eicosane (C20)

R.T.: 11.599 min
Delta R.T.: 0.000 min
Response: 2590780
Conc: 20.00 ug/ml



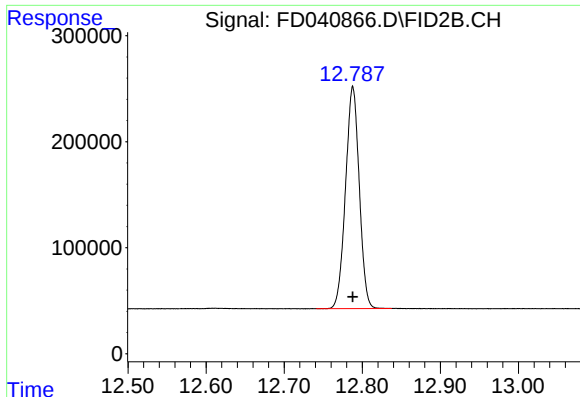
#11 n-Heneicosane (C21)

R.T.: 12.206 min
Delta R.T.: 0.000 min
Response: 2594877
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURRE)

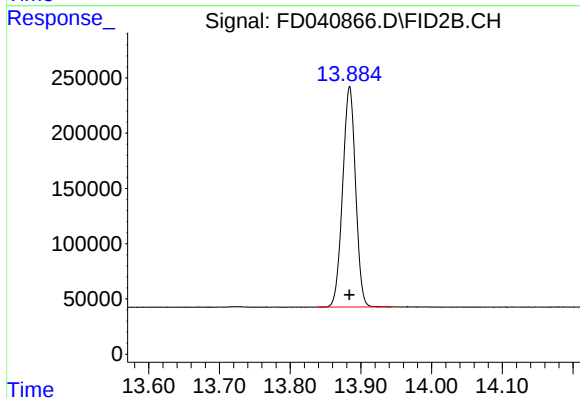
R.T.: 12.036 min
Delta R.T.: 0.000 min
Response: 2229802
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

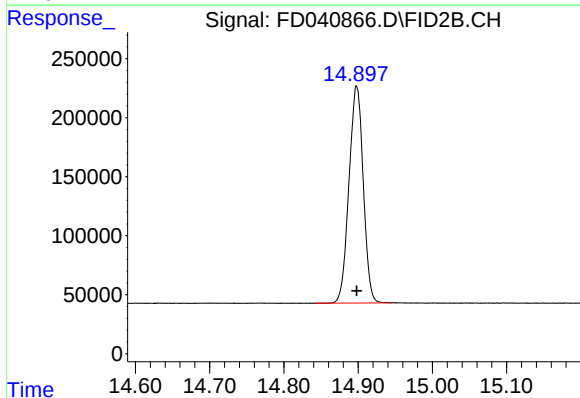
R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 2557917
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



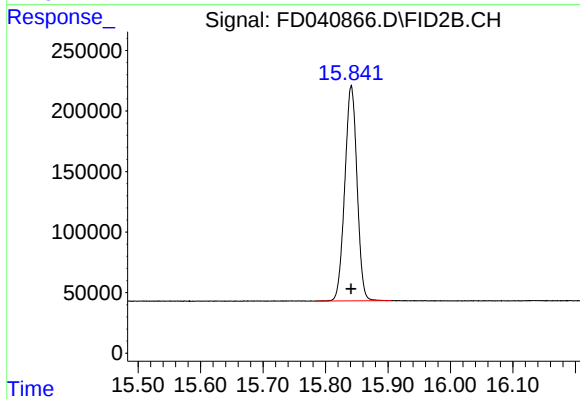
#14 n-Tetracosane (C24)

R.T.: 13.884 min
Delta R.T.: 0.000 min
Response: 2534882
Conc: 20.00 ug/ml



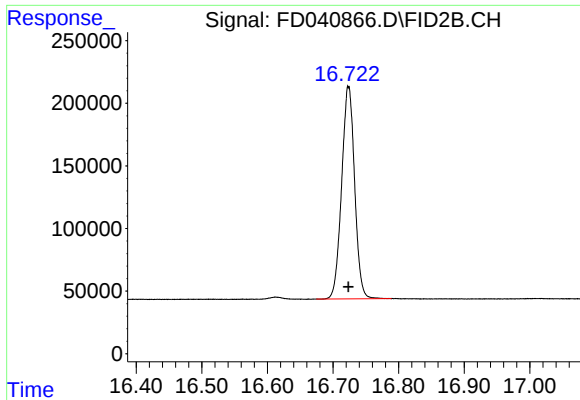
#15 n-Hexacosane (C26)

R.T.: 14.898 min
Delta R.T.: 0.000 min
Response: 2456924
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

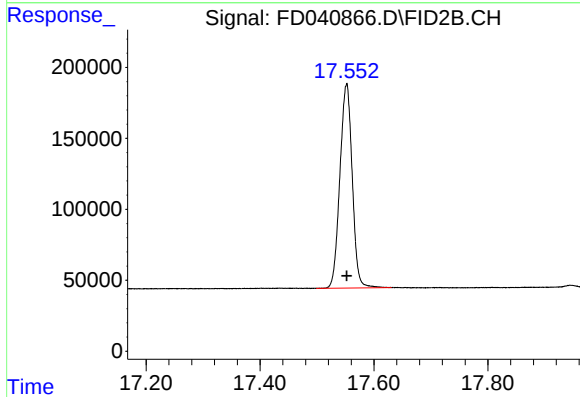
R.T.: 15.841 min
Delta R.T.: 0.000 min
Response: 2419230
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

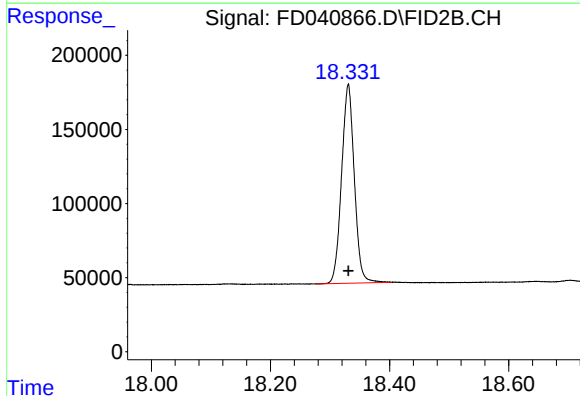
R.T.: 16.724 min
Delta R.T.: 0.000 min
Response: 2334130
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



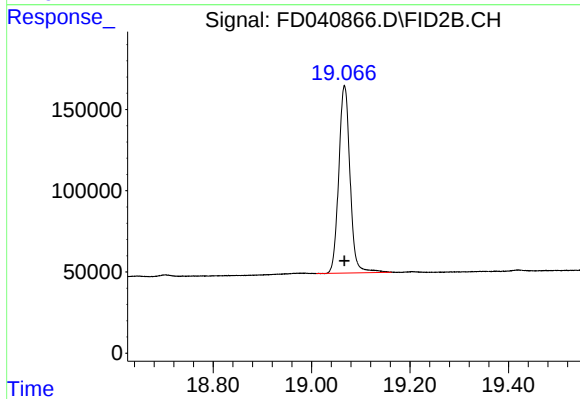
#18 n-Dotriacontane (C32)

R.T.: 17.552 min
Delta R.T.: 0.000 min
Response: 2159761
Conc: 20.00 ug/ml



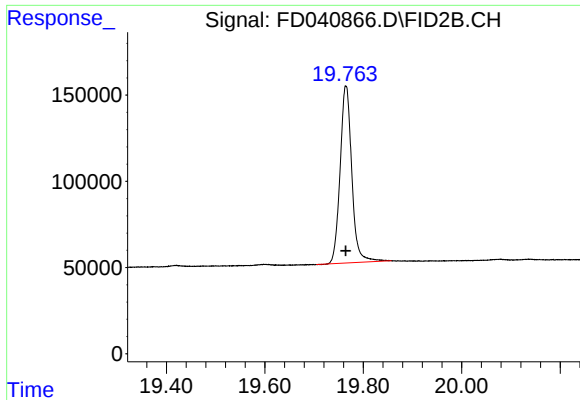
#19 n-Tetratriacontane (C34)

R.T.: 18.331 min
Delta R.T.: 0.000 min
Response: 1992151
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

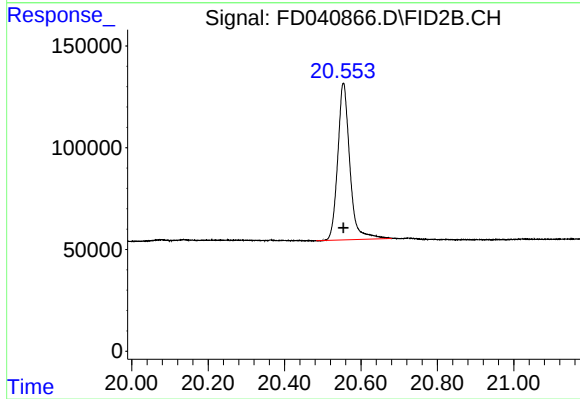
R.T.: 19.067 min
Delta R.T.: 0.000 min
Response: 1830744
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 1692002
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 20.554 min
Delta R.T.: 0.000 min
Response: 1691212
Conc: 20.00 ug/ml