

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040523AL\
 Data File : FD045406.D
 Signal(s) : FID2B.ch
 Acq On : 05 Apr 2023 03:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 05 05:35:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:35:20 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.444	3329496	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.876	2378959	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.264	3023148	20.000 ug/ml
2) T n-Decane (C10)	4.321	3000639	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.887	3450158	20.000 ug/ml
4) T n-Dodecane (C12)	6.326	3032621	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.936	3221982	20.000 ug/ml
6) T n-Tetradecane (C14)	8.111	3044935	20.000 ug/ml
7) T n-Hexadecane (C16)	9.703	3098001	20.000 ug/ml
8) T n-Octadecane (C18)	11.137	3116106	20.000 ug/ml
10) T n-Eicosane (C20)	12.438	2956829	20.000 ug/ml
11) T n-Heneicosane (C21)	13.045	2933204	20.000 ug/ml
13) T n-Docosane (C22)	13.627	2873687	20.000 ug/ml
14) T n-Tetracosane (C24)	14.724	2760086	20.000 ug/ml
15) T n-Hexacosane (C26)	15.736	2641779	20.000 ug/ml
16) T n-Octacosane (C28)	16.680	2567330	20.000 ug/ml
17) T n-Tricontane (C30)	17.560	2546047	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.386	2549216	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.164	2475111	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.898	2265094	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.601	2146168	20.000 ug/ml
22) T n-Tetracontane (C40)	21.435	2131217	20.000 ug/ml

(f)=RT Delta > 1/2 Window

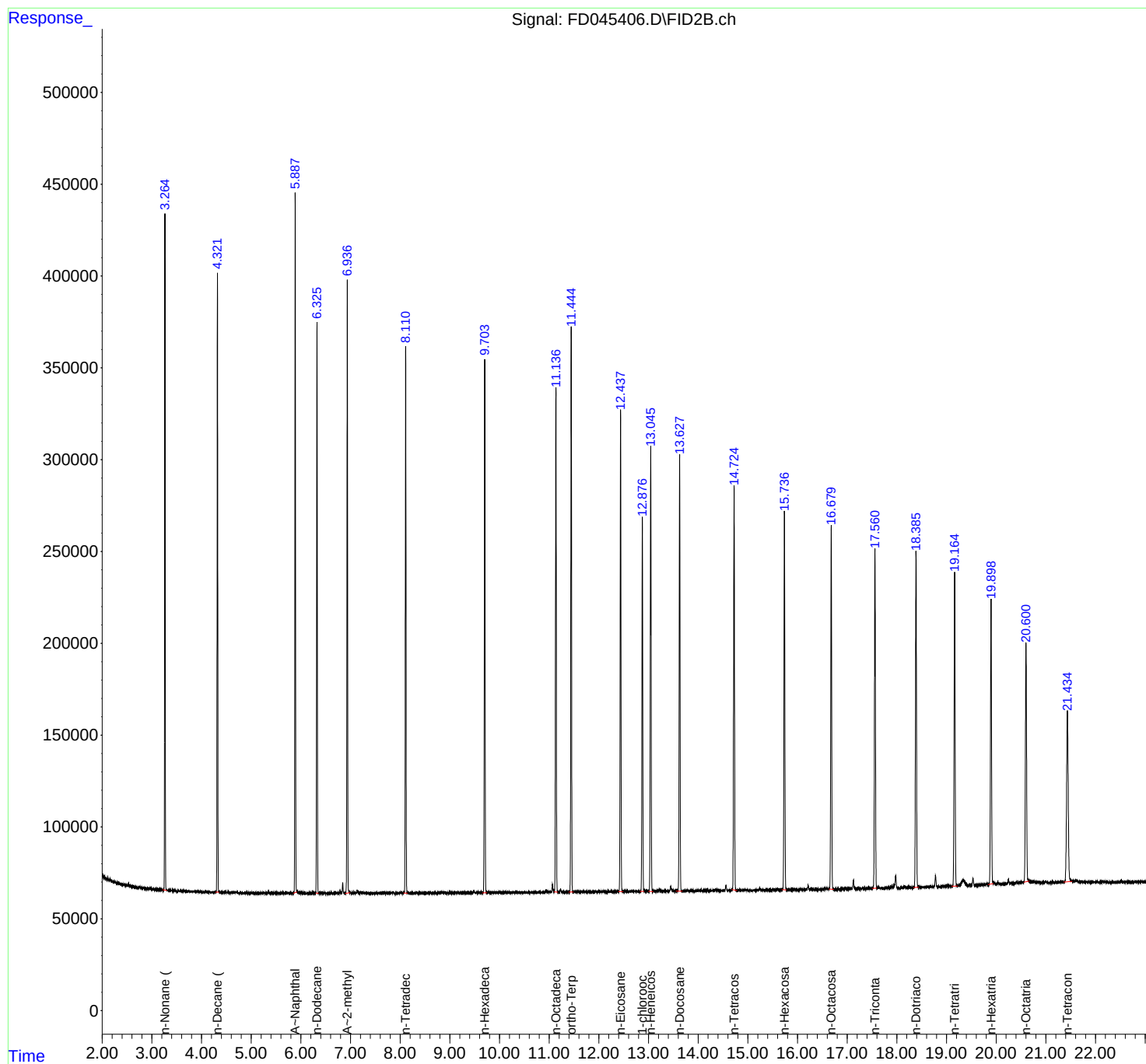
(m)=manual int.

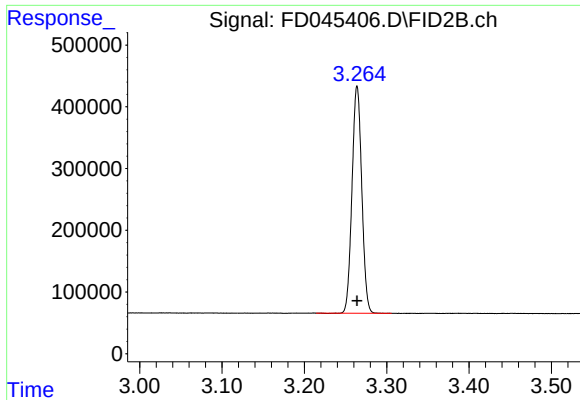
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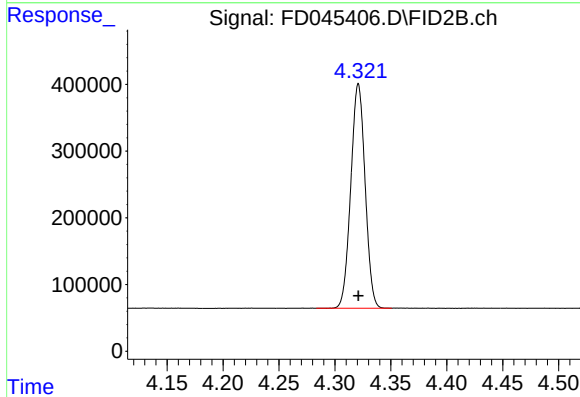




#1 n-Nonane (C9)

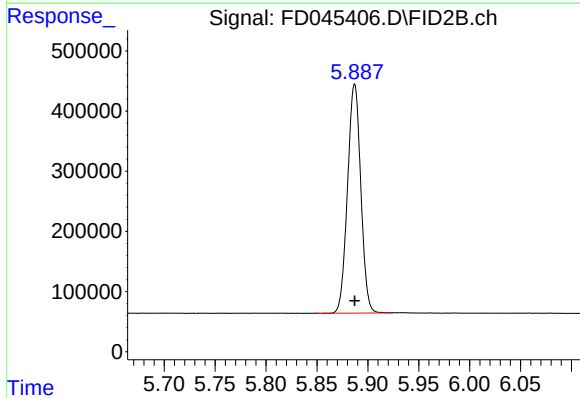
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 3023148
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



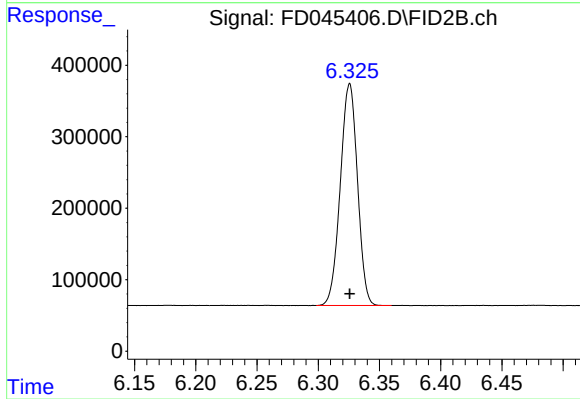
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 3000639
Conc: 20.00 ug/ml



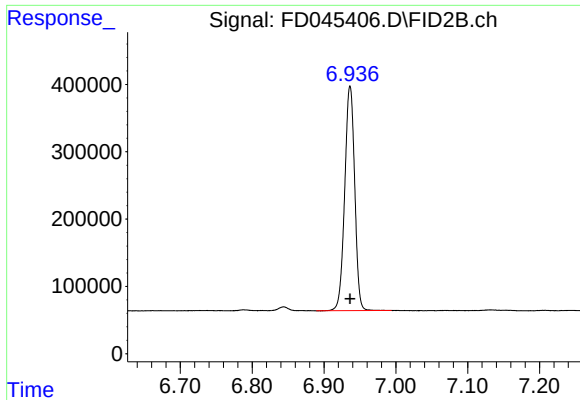
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 3450158
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

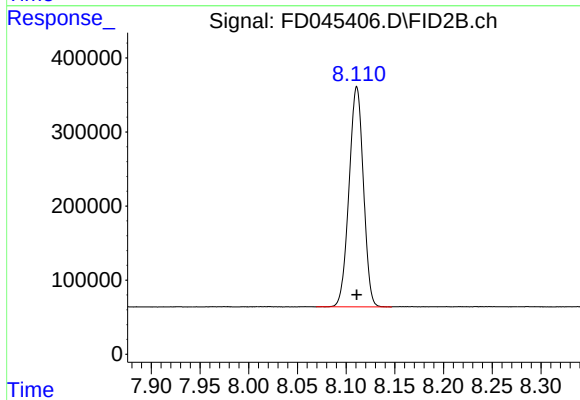
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 3032621
Conc: 20.00 ug/ml



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

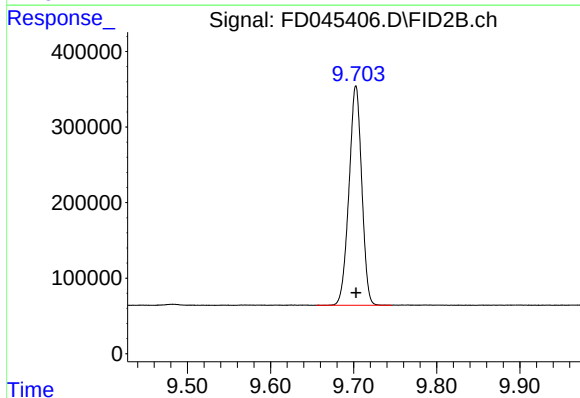
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 3221982
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



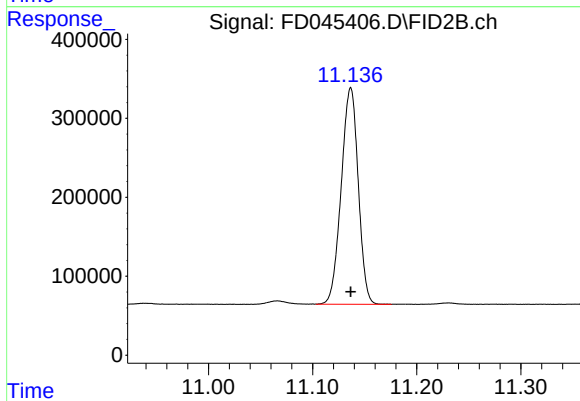
#6 n-Tetradecane (C14)

R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 3044935
Conc: 20.00 ug/ml



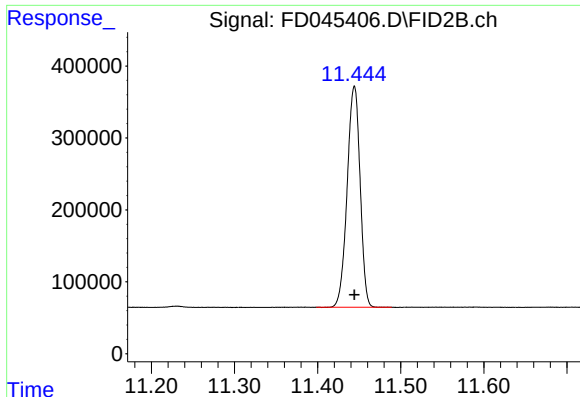
#7 n-Hexadecane (C16)

R.T.: 9.703 min
Delta R.T.: 0.000 min
Response: 3098001
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

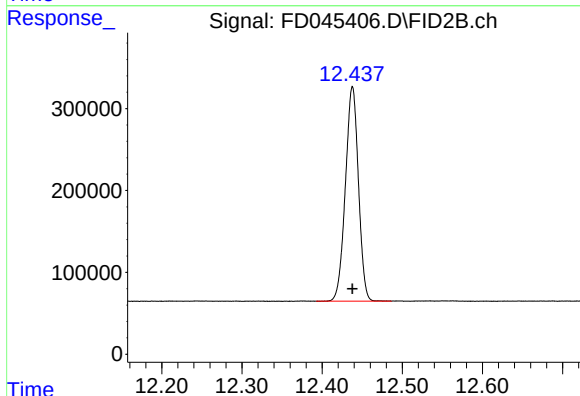
R.T.: 11.137 min
Delta R.T.: 0.000 min
Response: 3116106
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

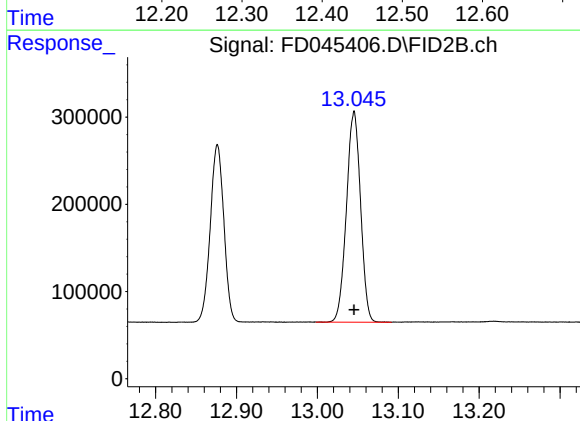
R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 3329496
Conc: 20.00 ug/ml

Instrument :
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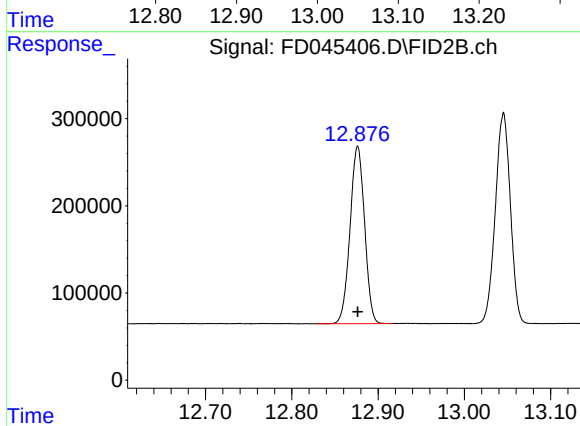
#10 n-Eicosane (C20)

R.T.: 12.438 min
Delta R.T.: 0.000 min
Response: 2956829
Conc: 20.00 ug/ml



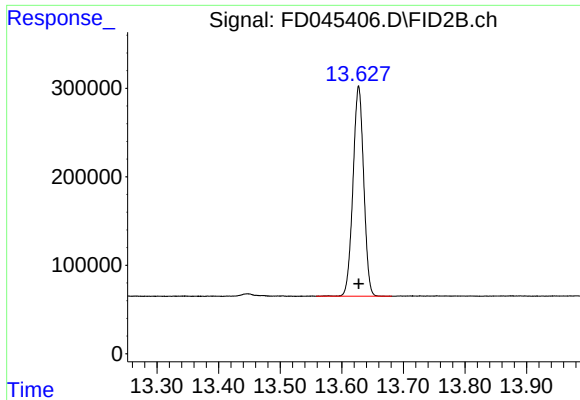
#11 n-Heneicosane (C21)

R.T.: 13.045 min
Delta R.T.: 0.000 min
Response: 2933204
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

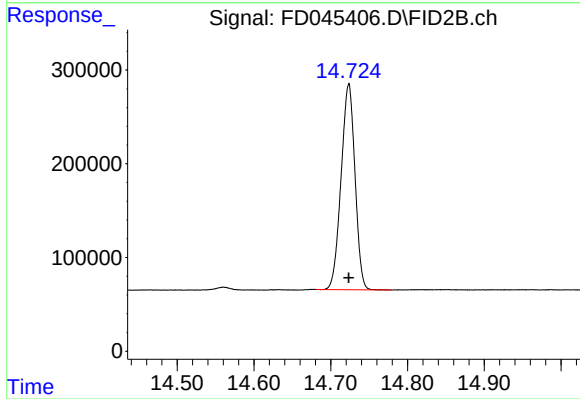
R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 2378959
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

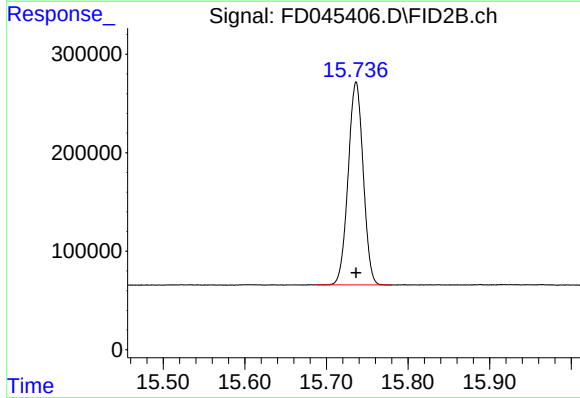
R.T.: 13.627 min
Delta R.T.: 0.000 min
Response: 2873687
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



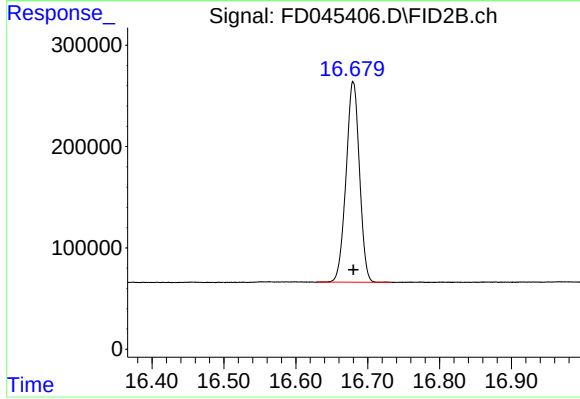
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: 0.000 min
Response: 2760086
Conc: 20.00 ug/ml



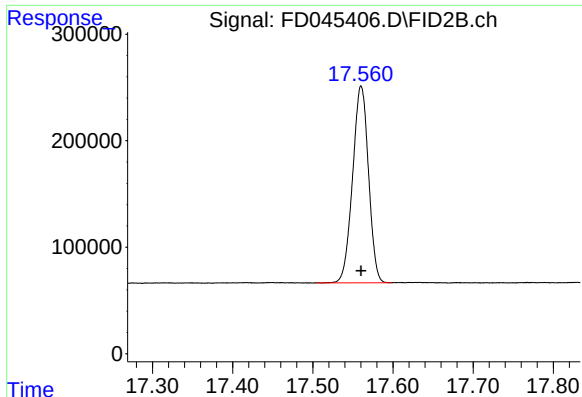
#15 n-Hexacosane (C26)

R.T.: 15.736 min
Delta R.T.: 0.000 min
Response: 2641779
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

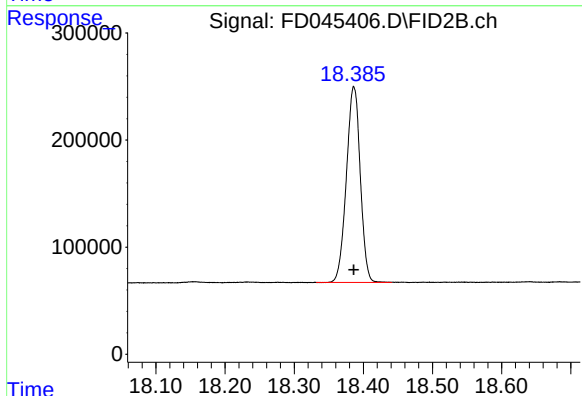
R.T.: 16.680 min
Delta R.T.: 0.000 min
Response: 2567330
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

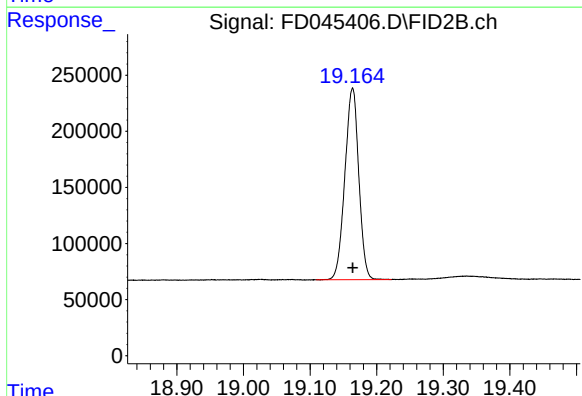
R.T.: 17.560 min
Delta R.T.: 0.000 min
Response: 2546047
Conc: 20.00 ug/ml

Instrument :
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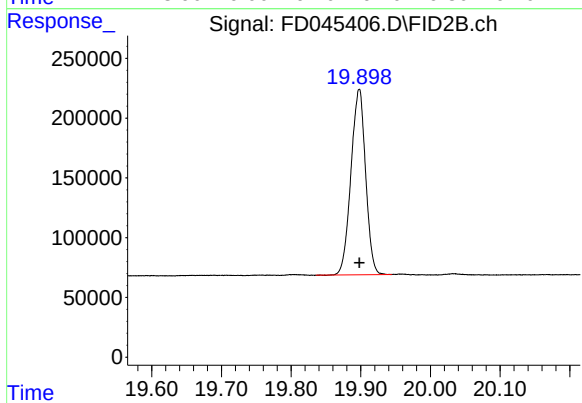
#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: 0.000 min
Response: 2549216
Conc: 20.00 ug/ml



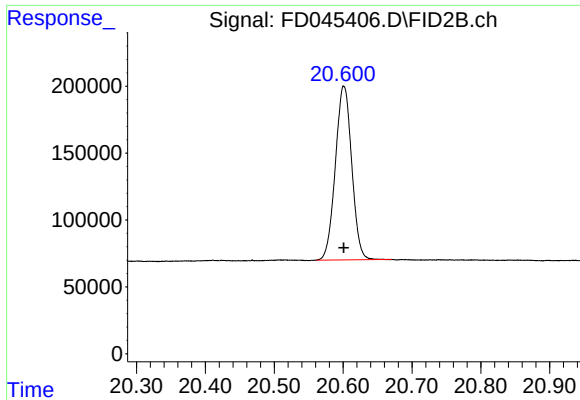
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: 0.000 min
Response: 2475111
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

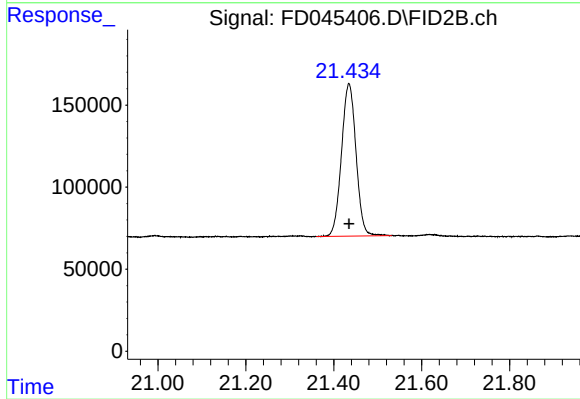
R.T.: 19.898 min
Delta R.T.: 0.000 min
Response: 2265094
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 2146168
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.435 min
Delta R.T.: 0.000 min
Response: 2131217
Conc: 20.00 ug/ml