

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
 Data File : FE041974.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 04:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 18 04:52:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 04:52:16 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)	11.968	3585485	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.404	2678571	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.348	2939517	20.000 ug/ml
2) T n-Decane (C10)	4.601	3026129	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3322691	20.000 ug/ml
4) T n-Dodecane (C12)	6.768	3052767	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.404	3241092	20.000 ug/ml
6) T n-Tetradecane (C14)	8.597	3050644	20.000 ug/ml
7) T n-Hexadecane (C16)	10.205	3174122	20.000 ug/ml
8) T n-Octadecane (C18)	11.649	3213130	20.000 ug/ml
10) T n-Eicosane (C20)	12.959	3079017	20.000 ug/ml
11) T n-Heneicosane (C21)	13.571	3009866	20.000 ug/ml
13) T n-Docosane (C22)	14.157	2973170	20.000 ug/ml
14) T n-Tetracosane (C24)	15.261	2916550	20.000 ug/ml
15) T n-Hexacosane (C26)	16.281	2795882	20.000 ug/ml
16) T n-Octacosane (C28)	17.232	2698307	20.000 ug/ml
17) T n-Tricontane (C30)	18.120	2721666	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.952	2687972	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2635327	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.477	2596023	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.227	2695568	20.000 ug/ml
22) T n-Tetracontane (C40)	22.163	2771761	20.000 ug/ml

(f)=RT Delta > 1/2 Window

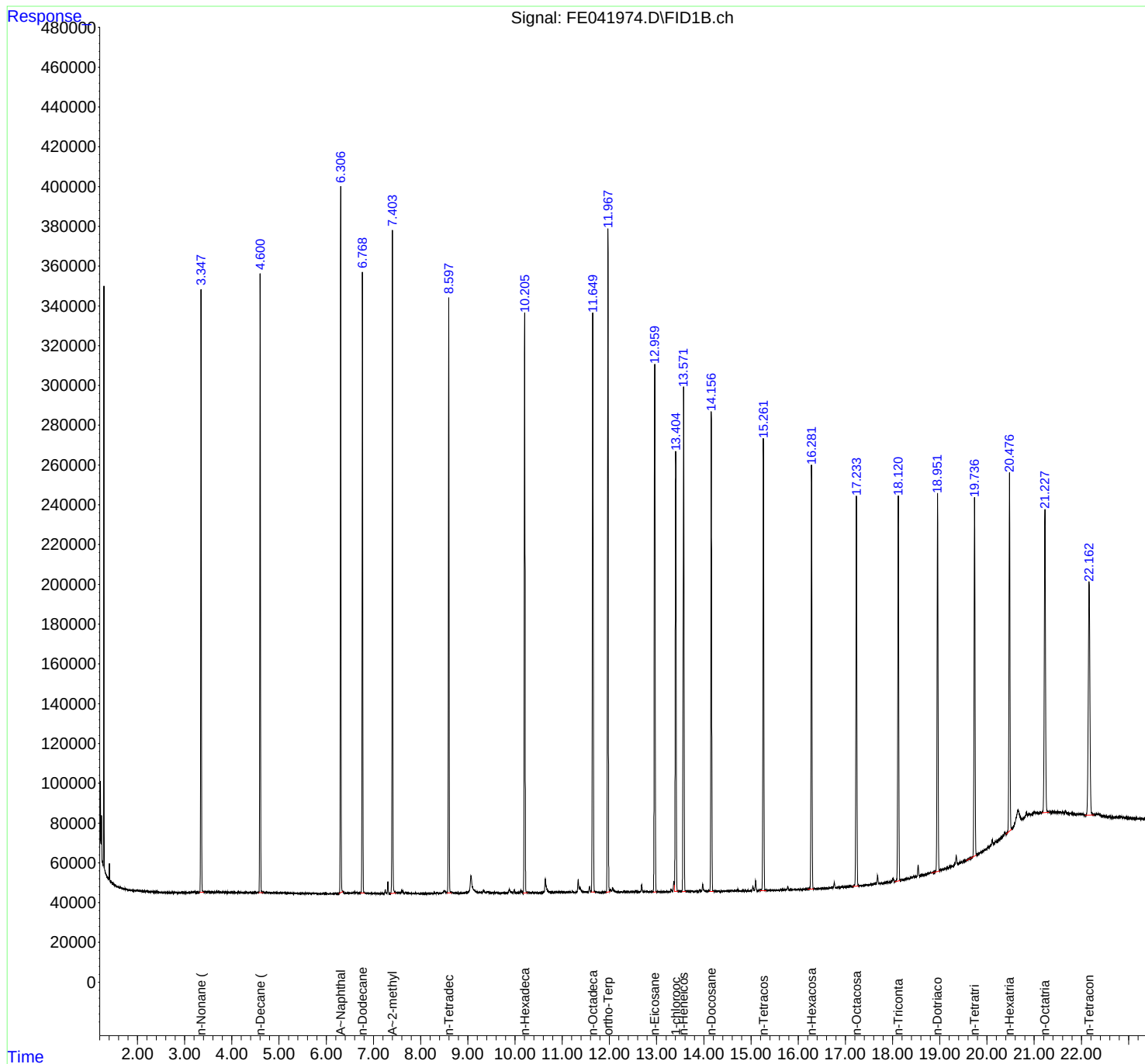
(m)=manual int.

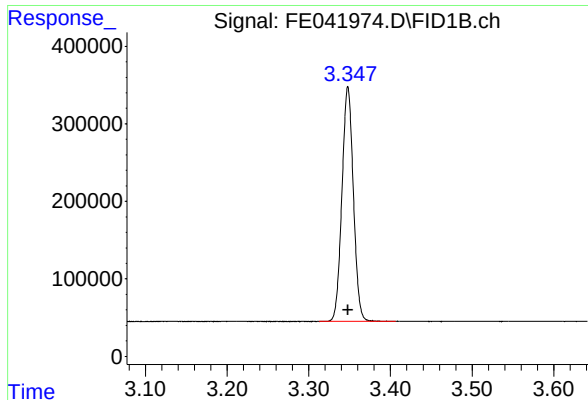
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
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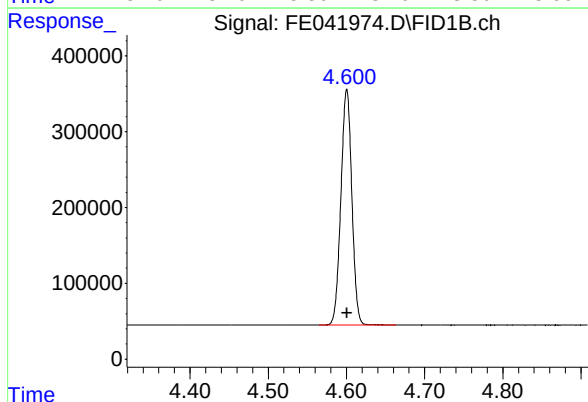




#1 n-Nonane (C9)

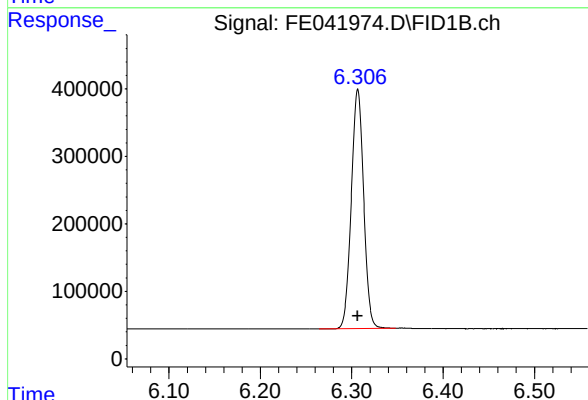
R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 2939517
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



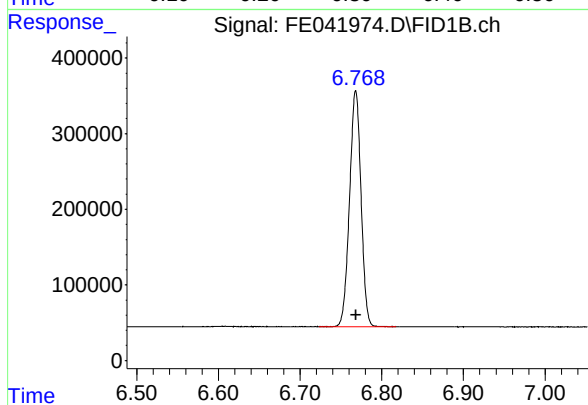
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3026129
Conc: 20.00 ug/ml



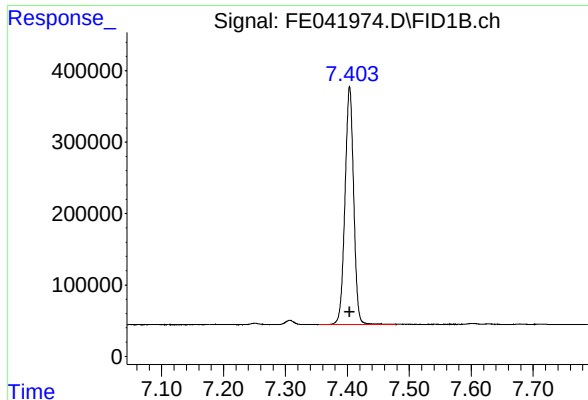
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 3322691
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

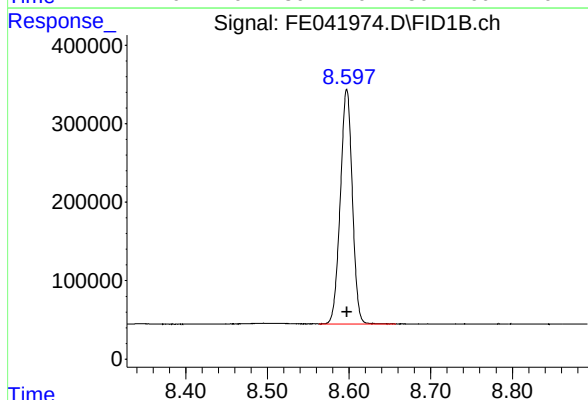
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 3052767
Conc: 20.00 ug/ml



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

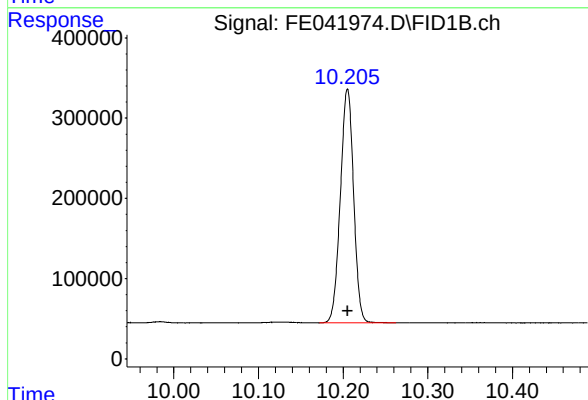
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3241092
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



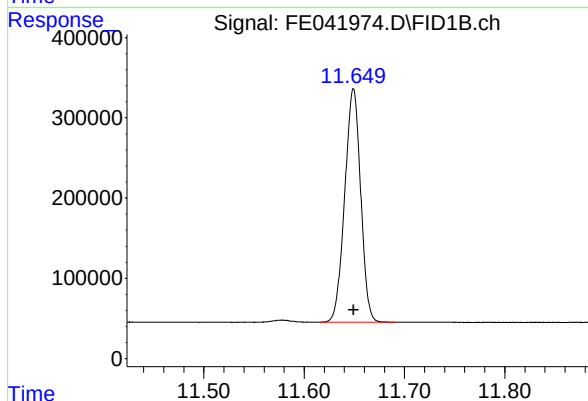
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 3050644
Conc: 20.00 ug/ml



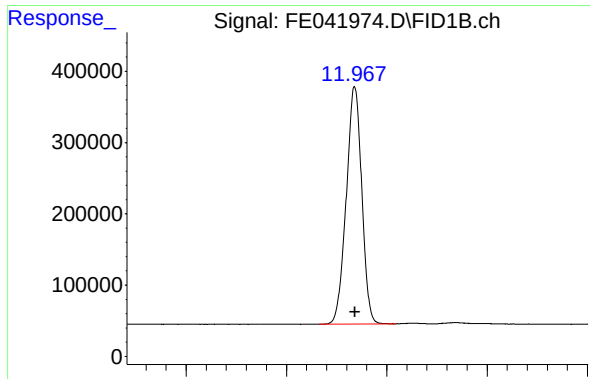
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: 0.000 min
Response: 3174122
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

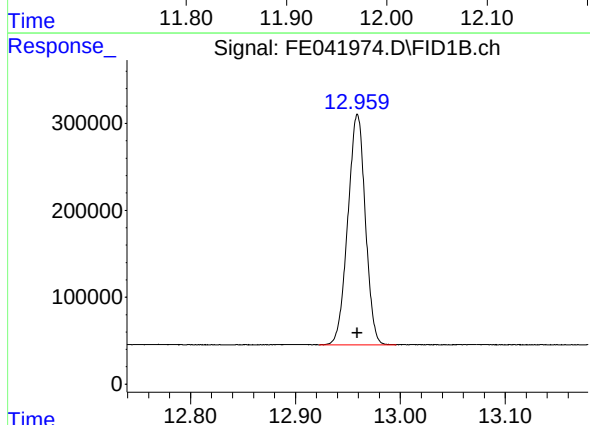
R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 3213130
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

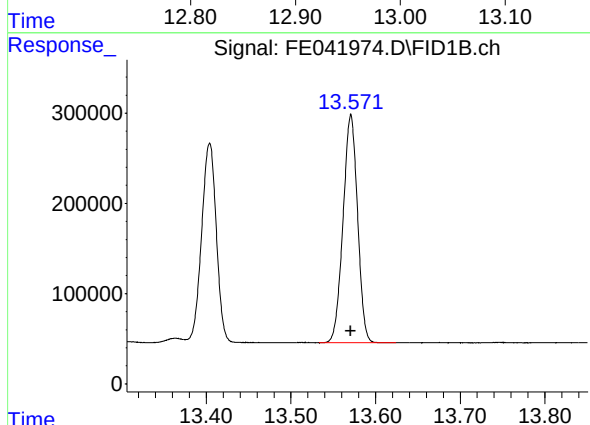
R.T.: 11.968 min
Delta R.T.: 0.000 min
Response: 3585485
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



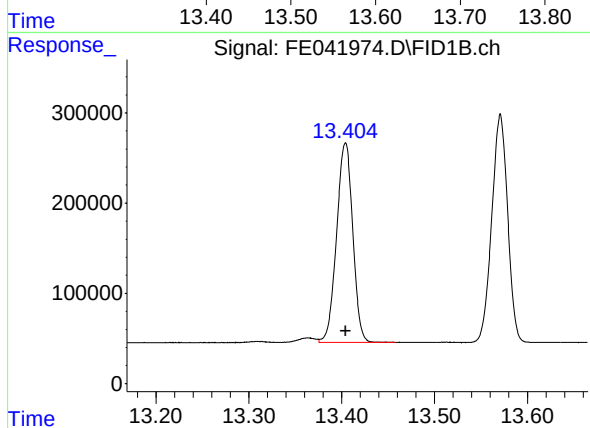
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 3079017
Conc: 20.00 ug/ml



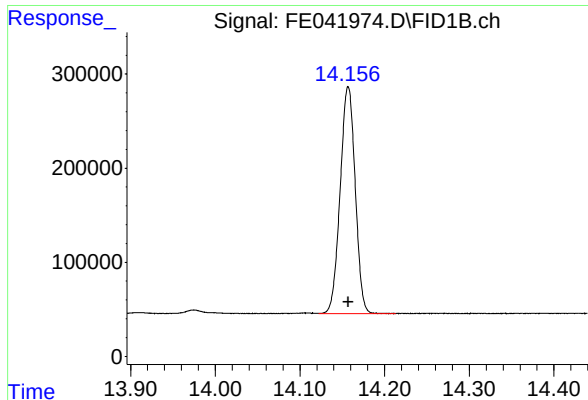
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 3009866
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

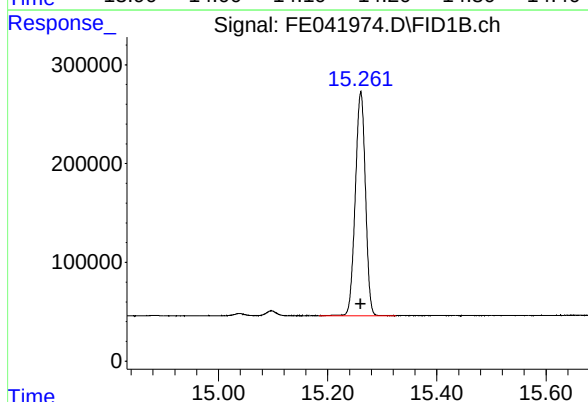
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2678571
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

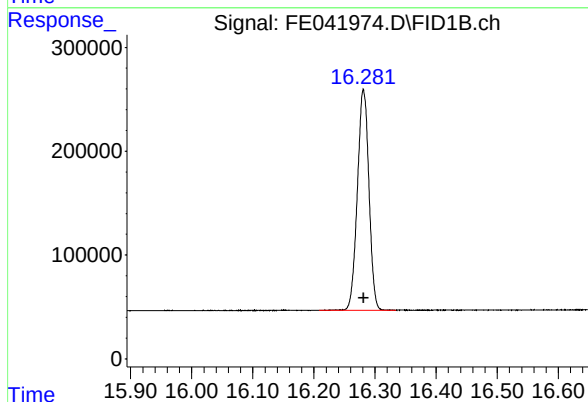
R.T.: 14.157 min
Delta R.T.: 0.000 min
Response: 2973170
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



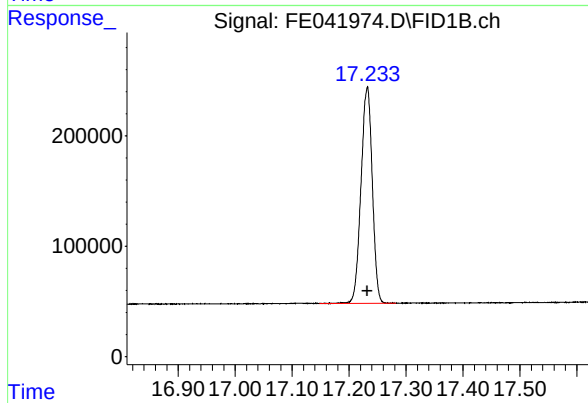
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: 0.000 min
Response: 2916550
Conc: 20.00 ug/ml



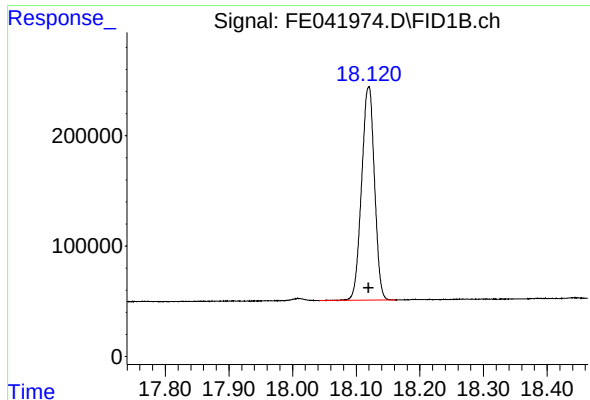
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.000 min
Response: 2795882
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

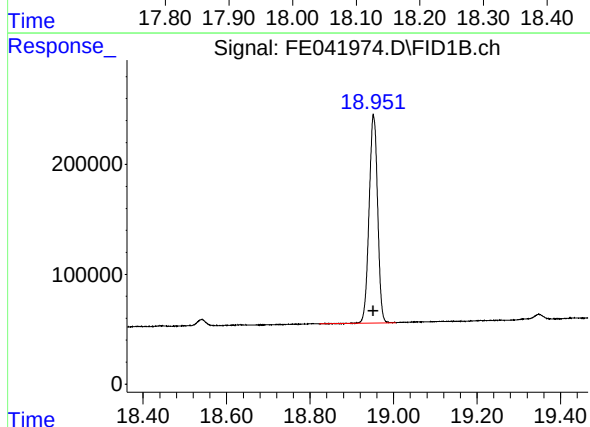
R.T.: 17.232 min
Delta R.T.: 0.000 min
Response: 2698307
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

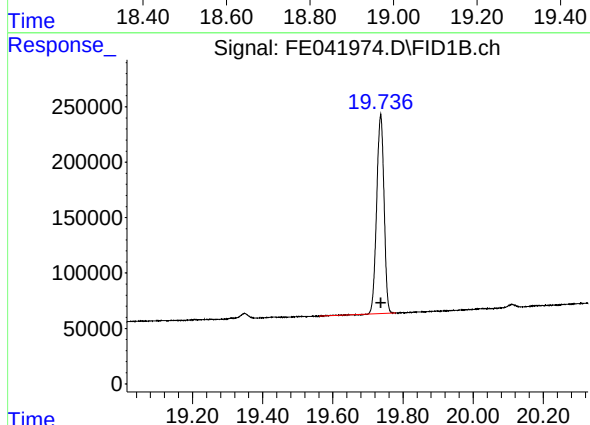
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2721666
Conc: 20.00 ug/ml

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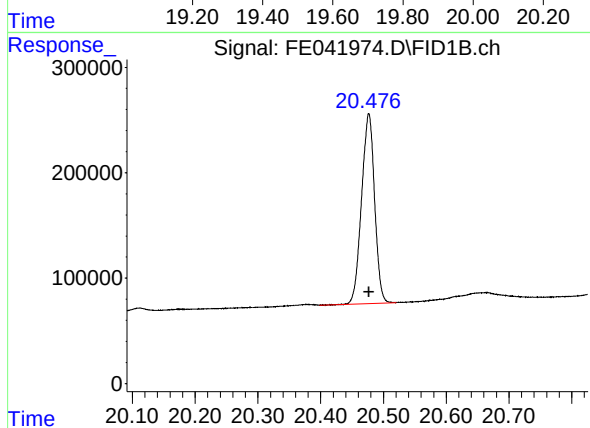
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 2687972
Conc: 20.00 ug/ml



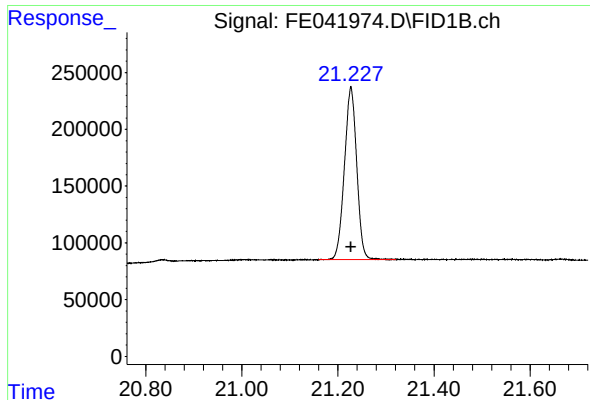
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.000 min
Response: 2635327
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

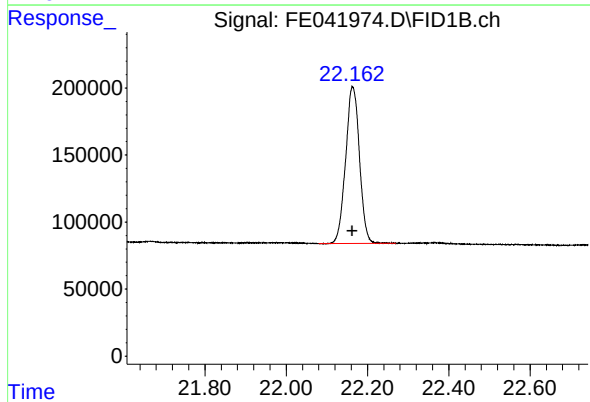
R.T.: 20.477 min
Delta R.T.: 0.000 min
Response: 2596023
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.000 min
Response: 2695568
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: 0.000 min
Response: 2771761
Conc: 20.00 ug/ml