

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723AL\
 Data File : FG013154.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 19:32
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 08 03:43:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 03:40:16 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)	11.993	7123901	49.203 ug/ml
Spiked Amount 50.000		Recovery =	98.41%
12) S 1-chlorooctadecane (S...	13.431	5383141	49.284 ug/ml
Spiked Amount 50.000		Recovery =	98.57%
Target Compounds			
1) T n-Nonane (C9)	3.344	6093676	49.211 ug/ml
2) T n-Decane (C10)	4.597	6203419	49.115 ug/ml
3) T A~Naphthalene (C11.7)	6.310	6608656	49.292 ug/ml
4) T n-Dodecane (C12)	6.772	6234664	49.086 ug/ml
5) T A~2-methylnaphthalene...	7.411	6461455	49.314 ug/ml
6) T n-Tetradecane (C14)	8.606	6137098	49.127 ug/ml
7) T n-Hexadecane (C16)	10.220	6208857	49.167 ug/ml
8) T n-Octadecane (C18)	11.671	6178762	49.196 ug/ml
10) T n-Eicosane (C20)	12.984	5974929	49.237 ug/ml
11) T n-Heneicosane (C21)	13.598	5857841	49.194 ug/ml
13) T n-Docosane (C22)	14.186	5858819	49.372 ug/ml
14) T n-Tetracosane (C24)	15.294	5954505	49.645 ug/ml
15) T n-Hexacosane (C26)	16.318	5838694	49.878 ug/ml
16) T n-Octacosane (C28)	17.270	5781269	49.859 ug/ml
17) T n-Tricontane (C30)	18.160	5859426	49.567 ug/ml
18) T n-Dotriacontane (C32)	18.993	5756644	49.080 ug/ml
19) T n-Tetratriacontane (C34)	19.778	5530920	48.811 ug/ml
20) T n-Hexatriacontane (C36)	20.519	5468417	48.660 ug/ml
21) T n-Octatriacontane (C38)	21.279	5582395	48.713 ug/ml
22) T n-Tetracontane (C40)	22.235	5745424	49.057 ug/ml

(f)=RT Delta > 1/2 Window

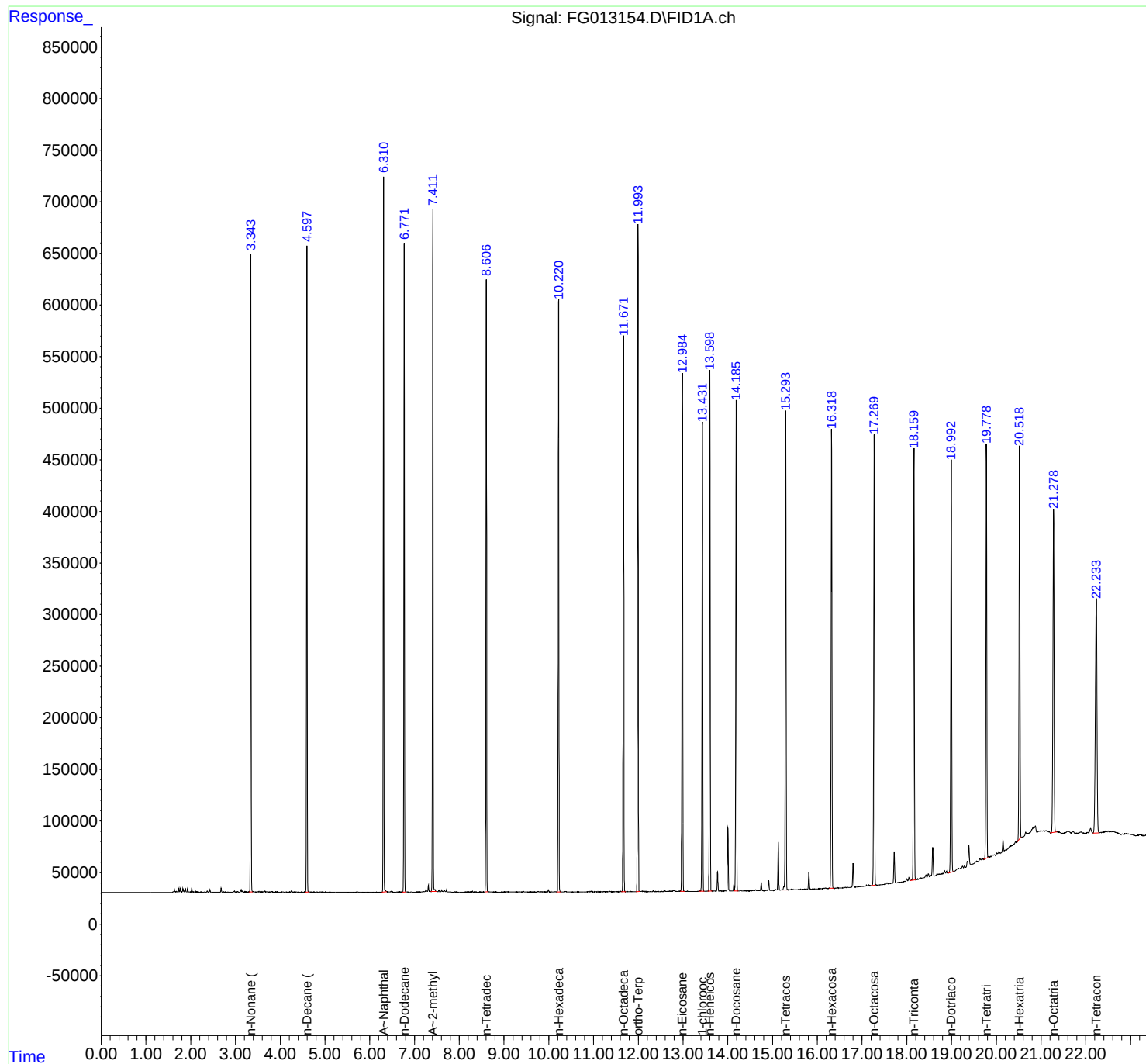
(m)=manual int.

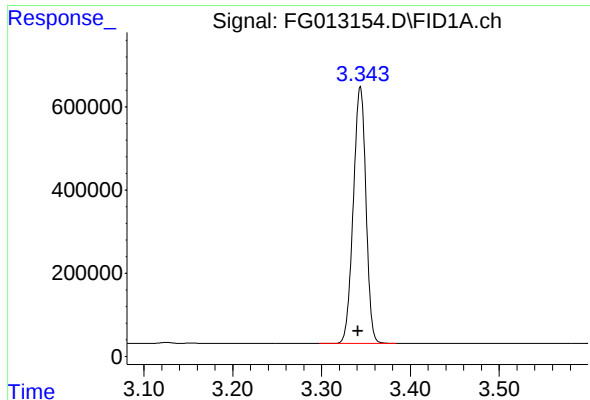
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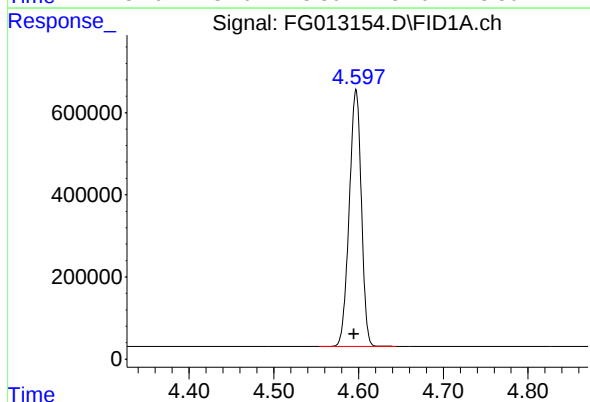




#1 n-Nonane (C9)

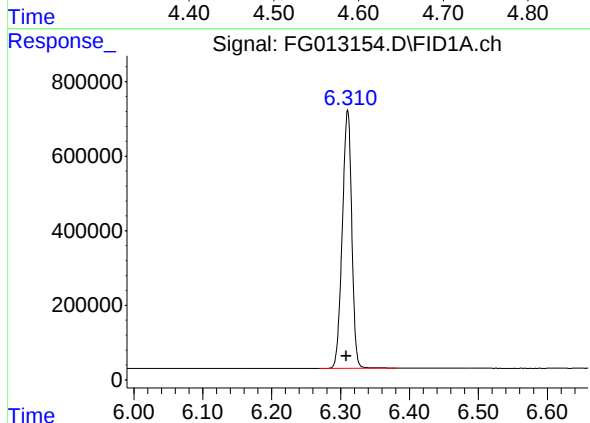
R.T.: 3.344 min
Delta R.T.: 0.003 min
Response: 6093676
Conc: 49.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



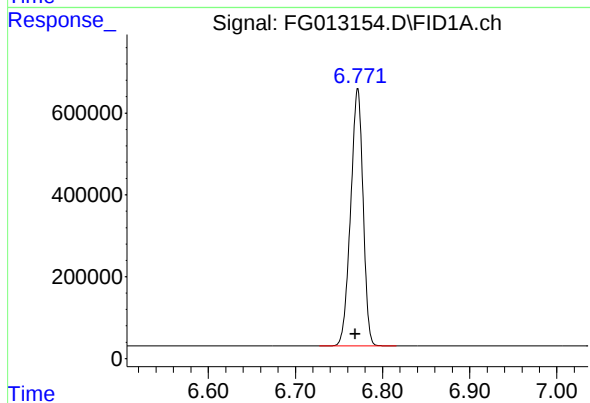
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 6203419
Conc: 49.11 ug/ml



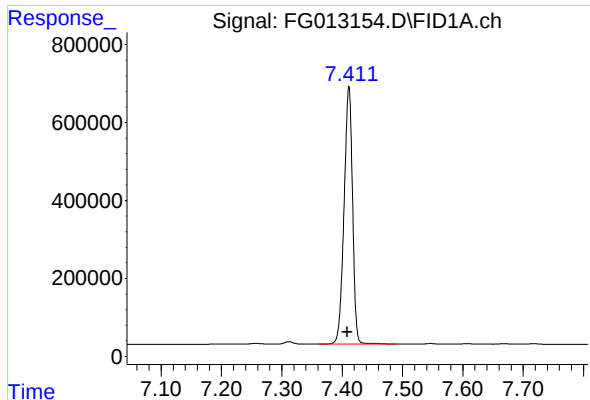
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 6608656
Conc: 49.29 ug/ml



#4 n-Dodecane (C12)

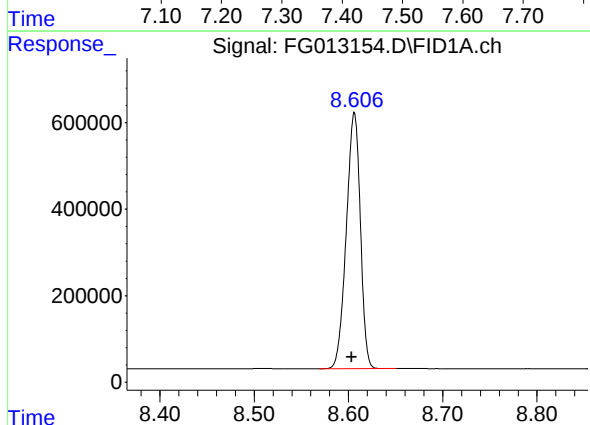
R.T.: 6.772 min
Delta R.T.: 0.003 min
Response: 6234664
Conc: 49.09 ug/ml



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

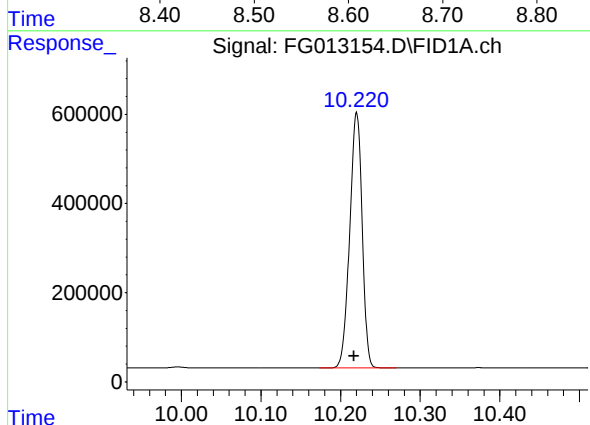
R.T.: 7.411 min
Delta R.T.: 0.003 min
Response: 6461455
Conc: 49.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



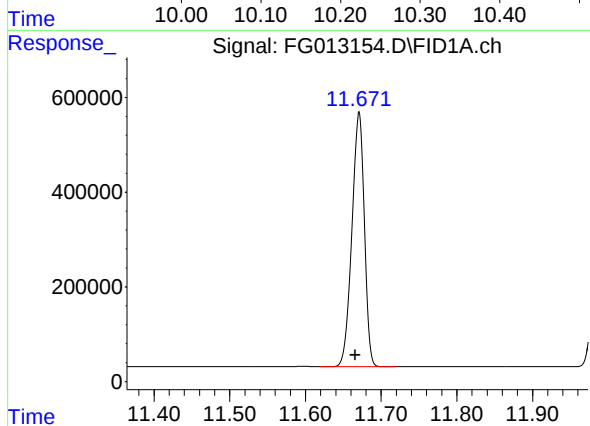
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.003 min
Response: 6137098
Conc: 49.13 ug/ml



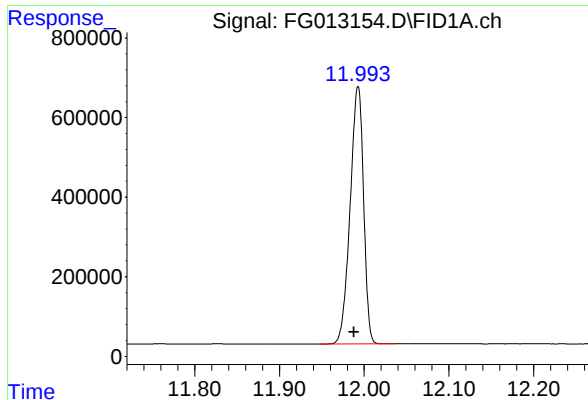
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.003 min
Response: 6208857
Conc: 49.17 ug/ml



#8 n-Octadecane (C18)

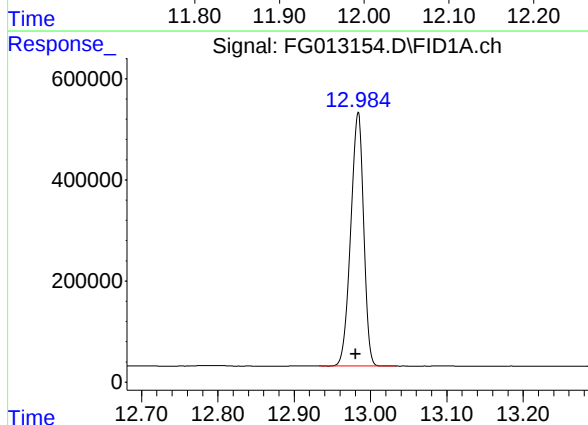
R.T.: 11.671 min
Delta R.T.: 0.005 min
Response: 6178762
Conc: 49.20 ug/ml



#9 ortho-Terphenyl (SURR)

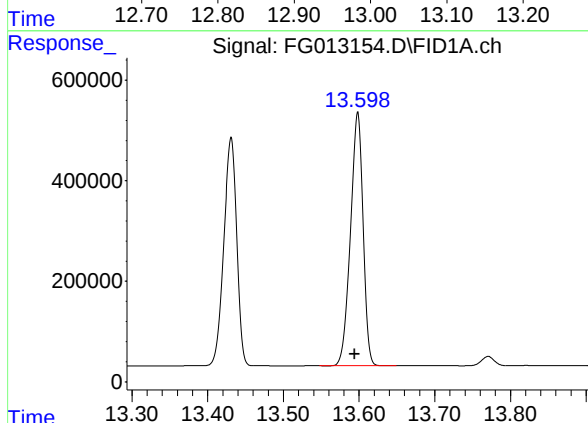
R.T.: 11.993 min
Delta R.T.: 0.005 min
Response: 7123901
Conc: 49.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



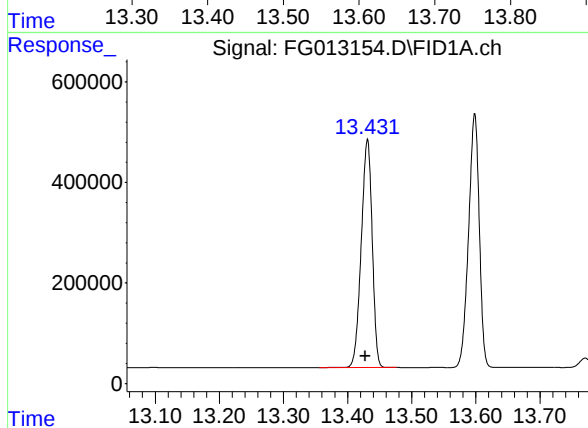
#10 n-Eicosane (C20)

R.T.: 12.984 min
Delta R.T.: 0.003 min
Response: 5974929
Conc: 49.24 ug/ml



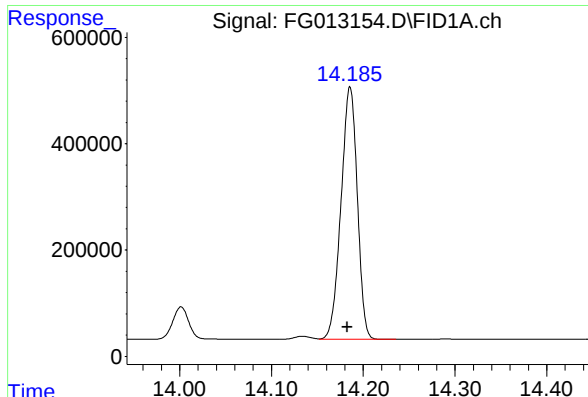
#11 n-Heneicosane (C21)

R.T.: 13.598 min
Delta R.T.: 0.004 min
Response: 5857841
Conc: 49.19 ug/ml



#12 1-chlorooctadecane (SURR)

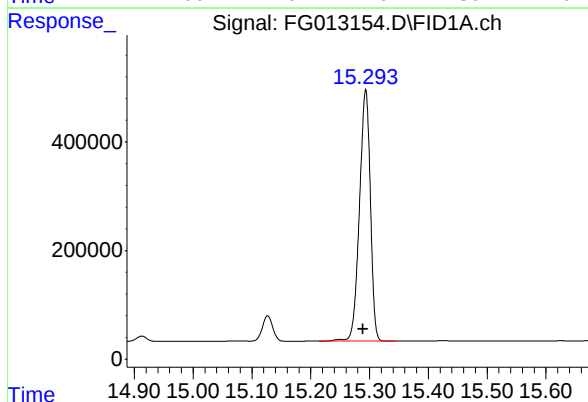
R.T.: 13.431 min
Delta R.T.: 0.004 min
Response: 5383141
Conc: 49.28 ug/ml



#13 n-Docosane (C22)

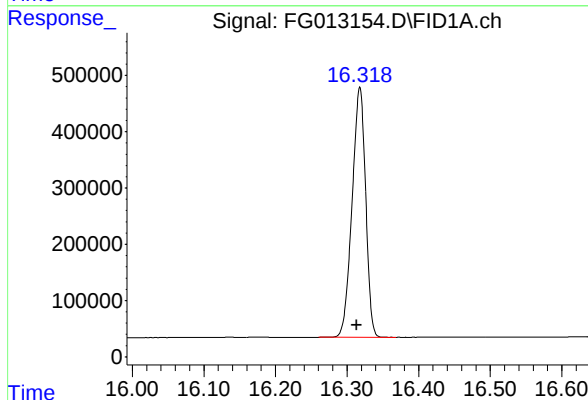
R.T.: 14.186 min
Delta R.T.: 0.003 min
Response: 5858819
Conc: 49.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



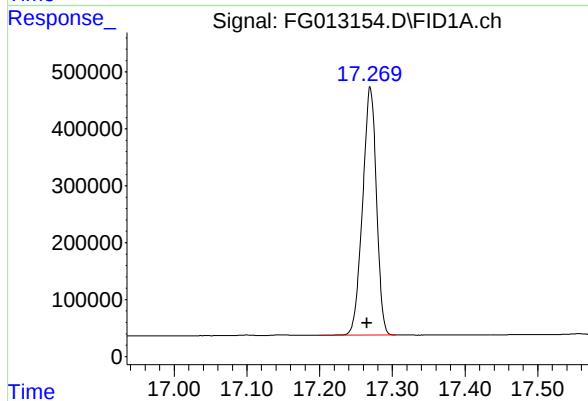
#14 n-Tetracosane (C24)

R.T.: 15.294 min
Delta R.T.: 0.005 min
Response: 5954505
Conc: 49.65 ug/ml



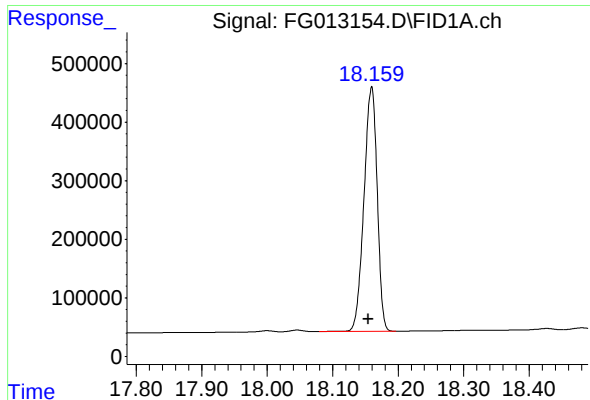
#15 n-Hexacosane (C26)

R.T.: 16.318 min
Delta R.T.: 0.005 min
Response: 5838694
Conc: 49.88 ug/ml



#16 n-Octacosane (C28)

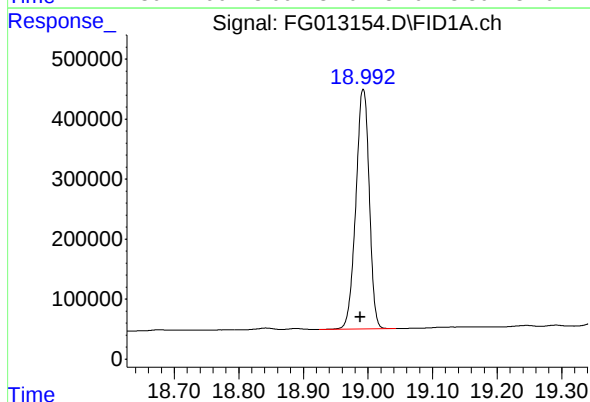
R.T.: 17.270 min
Delta R.T.: 0.004 min
Response: 5781269
Conc: 49.86 ug/ml



#17 n-Tricontane (C30)

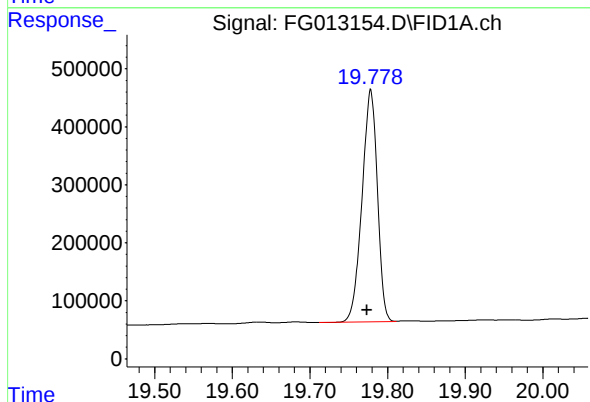
R.T.: 18.160 min
Delta R.T.: 0.005 min
Response: 5859426
Conc: 49.57 ug/ml

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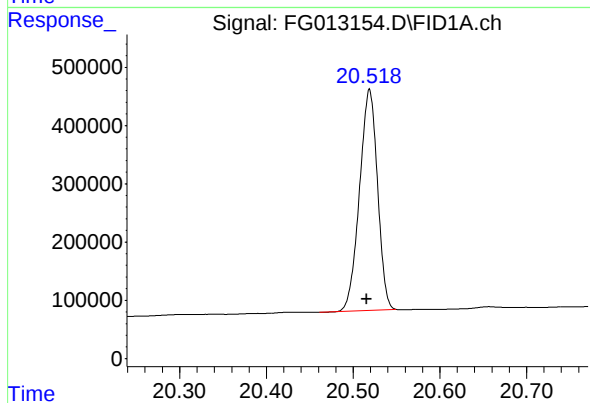
#18 n-Dotriacontane (C32)

R.T.: 18.993 min
Delta R.T.: 0.004 min
Response: 5756644
Conc: 49.08 ug/ml



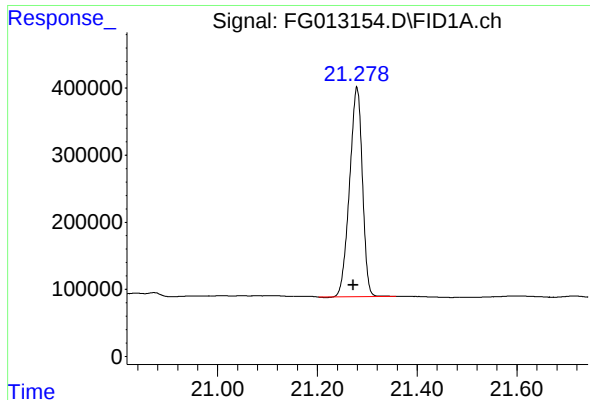
#19 n-Tetratriacontane (C34)

R.T.: 19.778 min
Delta R.T.: 0.005 min
Response: 5530920
Conc: 48.81 ug/ml



#20 n-Hexatriacontane (C36)

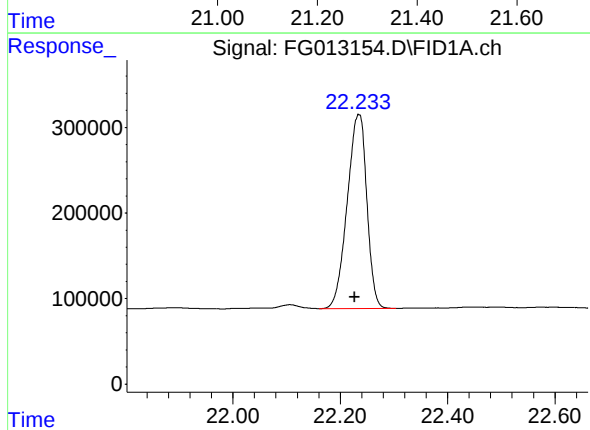
R.T.: 20.519 min
Delta R.T.: 0.003 min
Response: 5468417
Conc: 48.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.279 min
Delta R.T.: 0.007 min
Response: 5582395
Conc: 48.71 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.235 min
Delta R.T.: 0.008 min
Response: 5745424
Conc: 49.06 ug/ml