

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AL\
 Data File : FG014277.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 09:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 20 01:11:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:16:16 2024
 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)	11.814	2832017	20.978 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	13.262	2196071	21.005 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T n-Nonane (C9)	3.196	2500123	20.742 ug/ml
2) T n-Decane (C10)	4.445	2544538	20.754 ug/ml
3) T A~Naphthalene (C11.7)	6.144	2619548	21.207 ug/ml
4) T n-Dodecane (C12)	6.616	2544240	20.978 ug/ml
5) T A~2-methylnaphthalene...	7.243	2380909	21.964 ug/ml
6) T n-Tetradecane (C14)	8.448	2546869	21.398 ug/ml
7) T n-Hexadecane (C16)	10.059	2616771	20.966 ug/ml
8) T n-Octadecane (C18)	11.505	2675010	21.045 ug/ml
10) T n-Eicosane (C20)	12.818	2576384	20.999 ug/ml
11) T n-Heneicosane (C21)	13.432	2535520	21.015 ug/ml
13) T n-Docosane (C22)	14.019	2513431	20.971 ug/ml
14) T n-Tetracosane (C24)	15.126	2503804	21.029 ug/ml
15) T n-Hexacosane (C26)	16.150	2457338	21.078 ug/ml
16) T n-Octacosane (C28)	17.102	2417580	21.261 ug/ml
17) T n-Tricontane (C30)	17.992	2488518	21.554 ug/ml
18) T n-Dotriacontane (C32)	18.827	2402539	21.604 ug/ml
19) T n-Tetratriacontane (C34)	19.612	2091834	21.450 ug/ml
20) T n-Hexatriacontane (C36)	20.355	1793181	20.079 ug/ml
21) T n-Octatriacontane (C38)	21.084	1682869	20.846 ug/ml
22) T n-Tetracontane (C40)	21.978	1656042	20.344 ug/ml

(f)=RT Delta > 1/2 Window

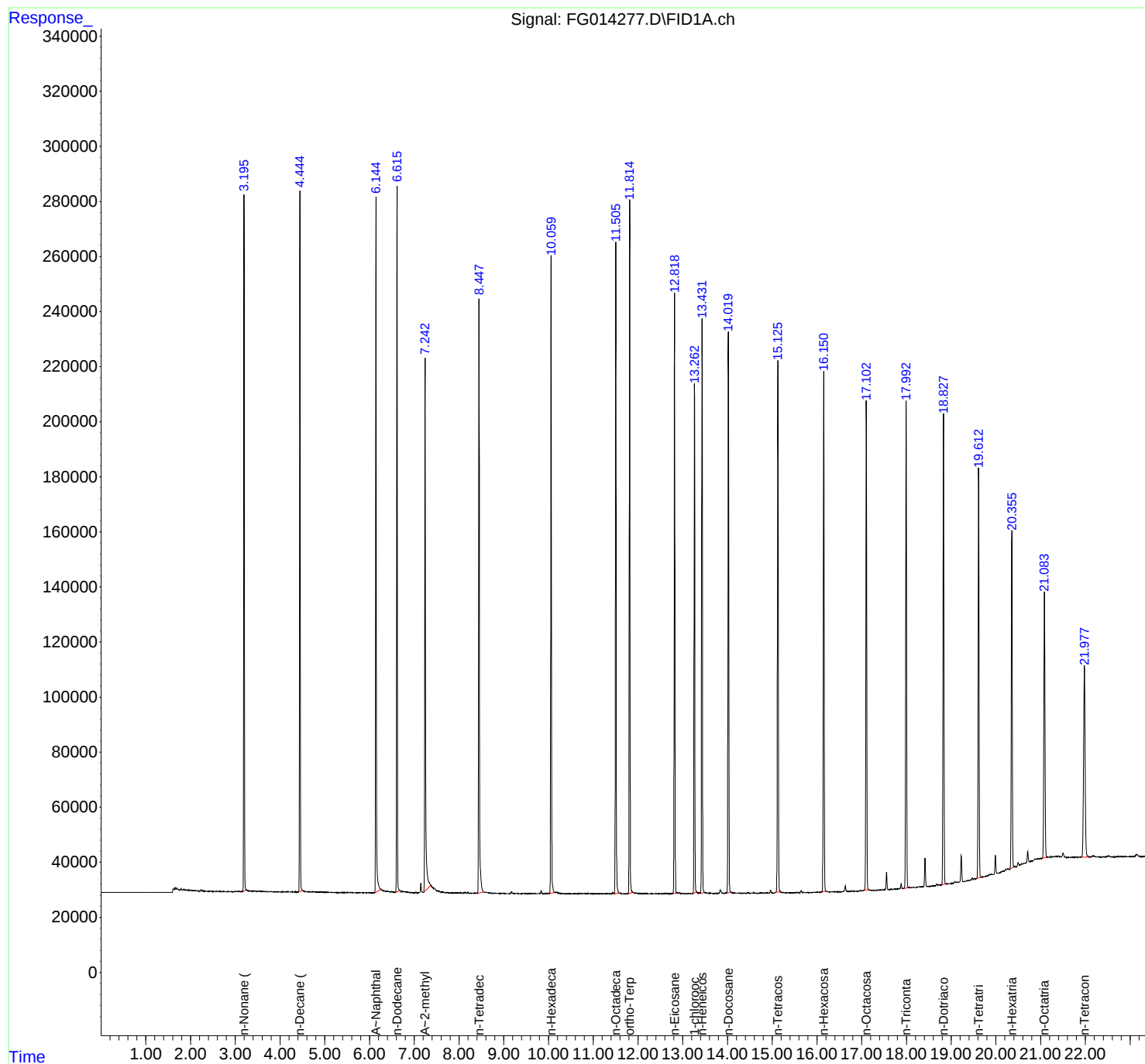
(m)=manual int.

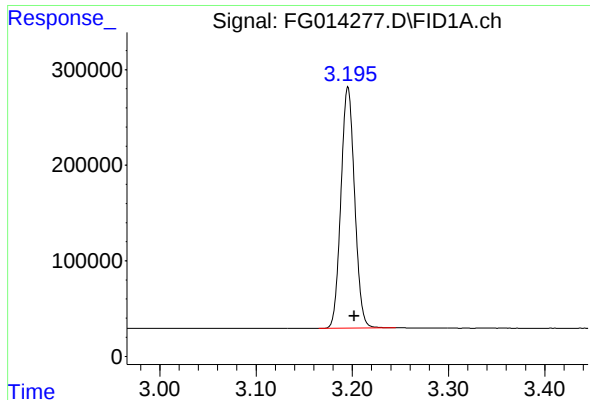
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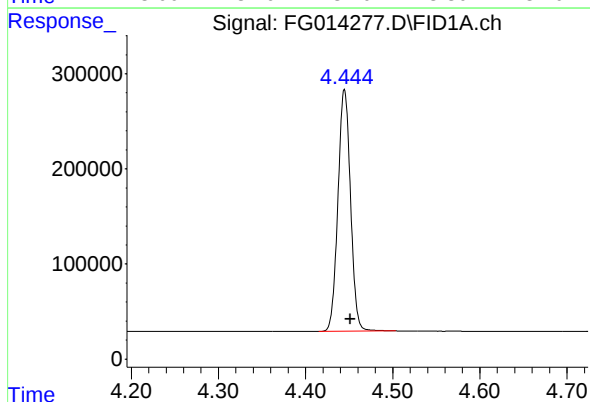




#1 n-Nonane (C9)

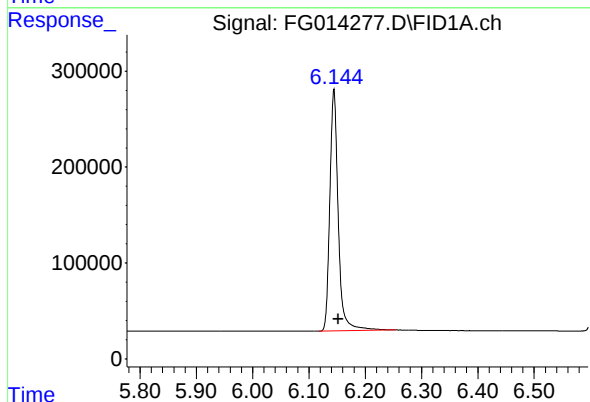
R.T.: 3.196 min
Delta R.T.: -0.006 min
Response: 2500123
Conc: 20.74 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



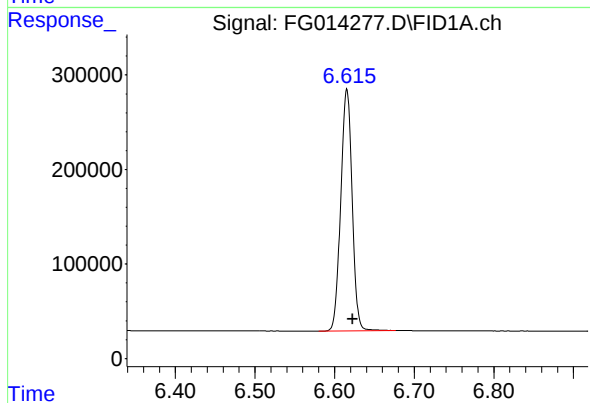
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.007 min
Response: 2544538
Conc: 20.75 ug/ml



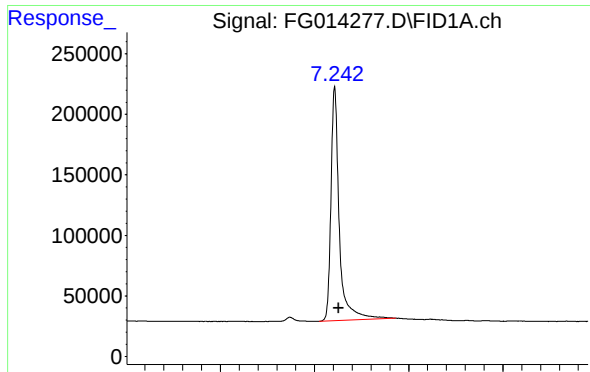
#3 A~Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 2619548
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

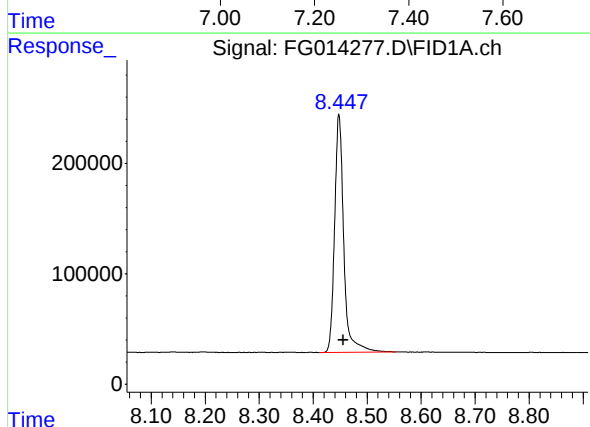
R.T.: 6.616 min
Delta R.T.: -0.007 min
Response: 2544240
Conc: 20.98 ug/ml



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

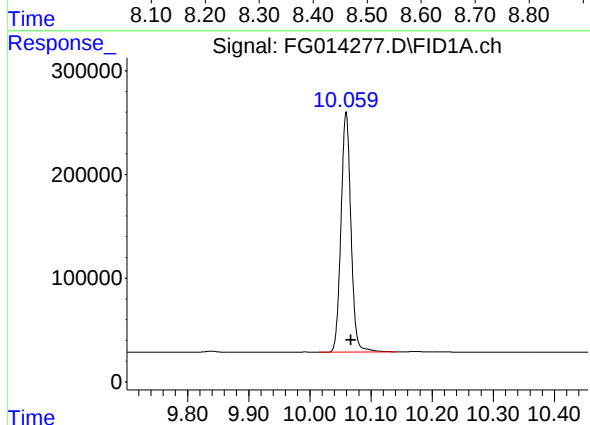
R.T.: 7.243 min
Delta R.T.: -0.008 min
Response: 2380909
Conc: 21.96 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



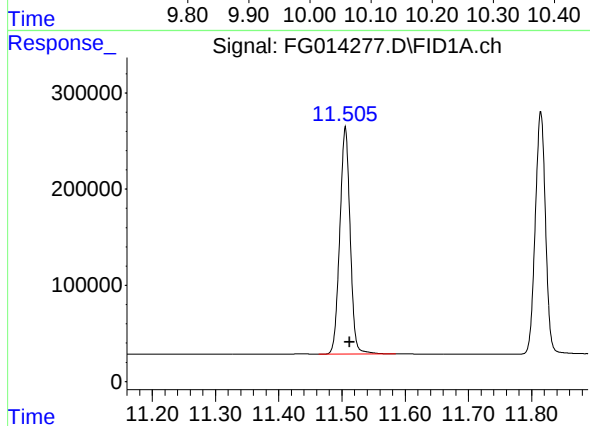
#6 n-Tetradecane (C14)

R.T.: 8.448 min
Delta R.T.: -0.008 min
Response: 2546869
Conc: 21.40 ug/ml



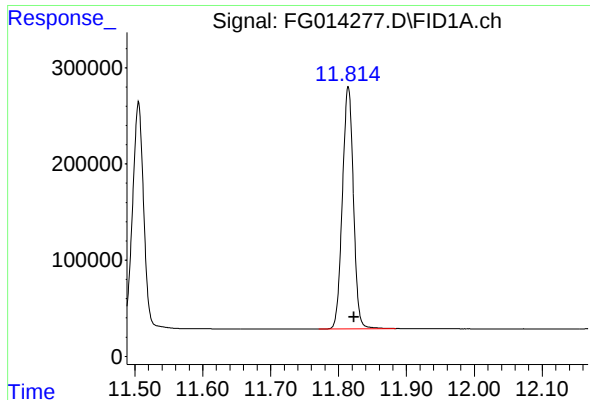
#7 n-Hexadecane (C16)

R.T.: 10.059 min
Delta R.T.: -0.008 min
Response: 2616771
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

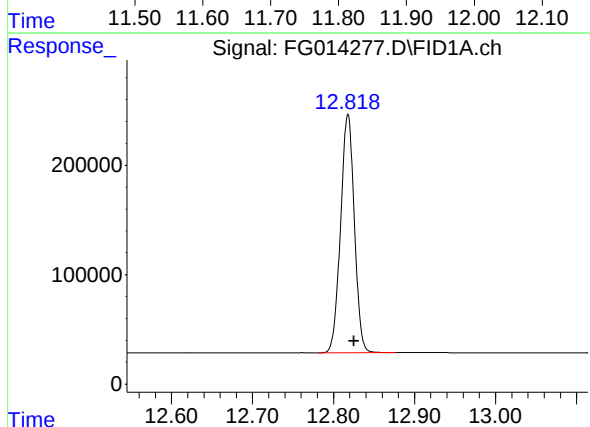
R.T.: 11.505 min
Delta R.T.: -0.007 min
Response: 2675010
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

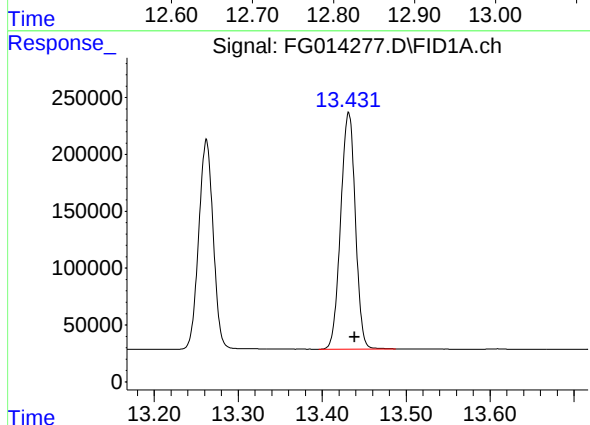
R.T.: 11.814 min
Delta R.T.: -0.008 min
Response: 2832017
Conc: 20.98 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



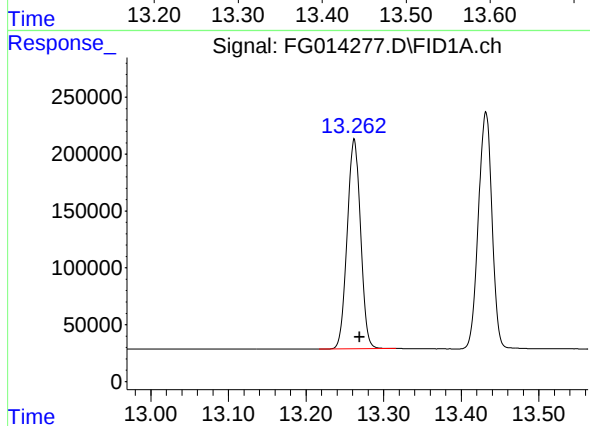
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: -0.007 min
Response: 2576384
Conc: 21.00 ug/ml



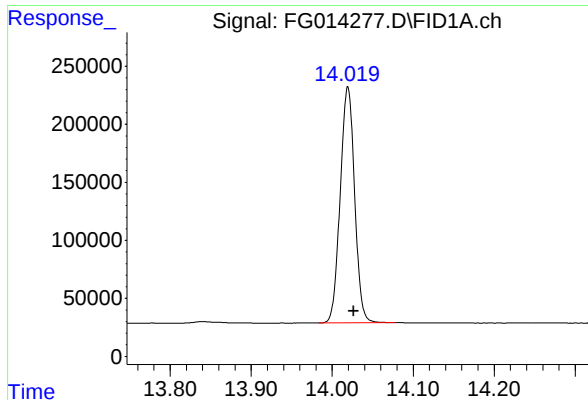
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.007 min
Response: 2535520
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

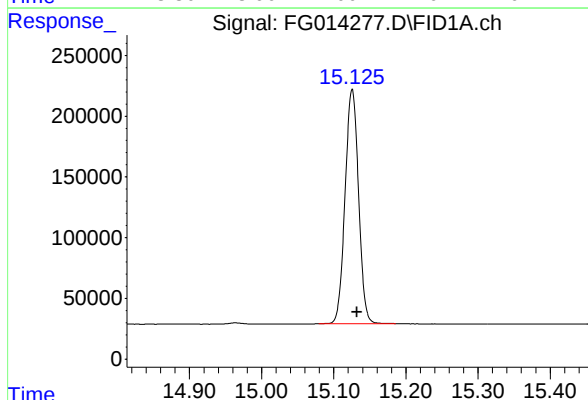
R.T.: 13.262 min
Delta R.T.: -0.007 min
Response: 2196071
Conc: 21.01 ug/ml



#13 n-Docosane (C22)

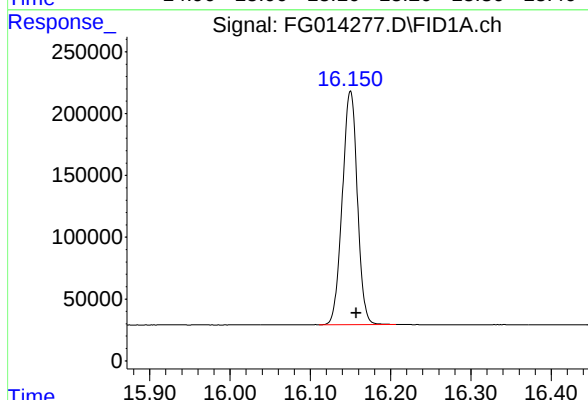
R.T.: 14.019 min
Delta R.T.: -0.007 min
Response: 2513431
Conc: 20.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



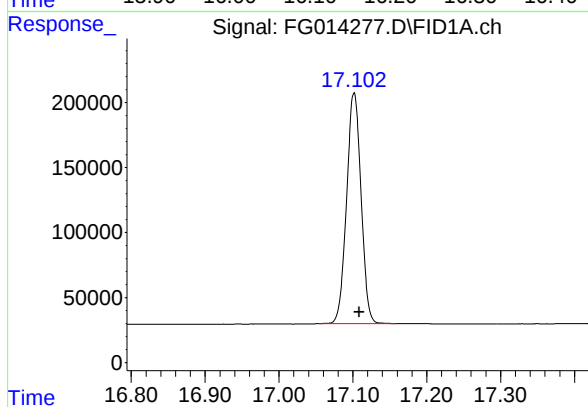
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.007 min
Response: 2503804
Conc: 21.03 ug/ml



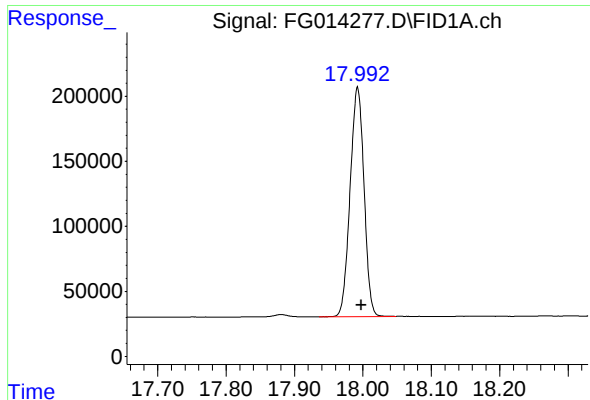
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.007 min
Response: 2457338
Conc: 21.08 ug/ml



#16 n-Octacosane (C28)

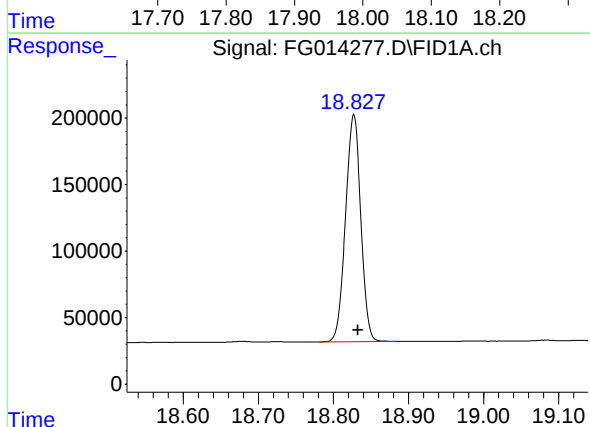
R.T.: 17.102 min
Delta R.T.: -0.007 min
Response: 2417580
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

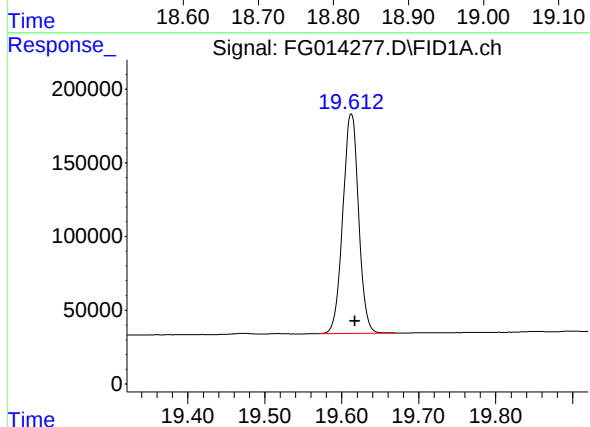
R.T.: 17.992 min
Delta R.T.: -0.005 min
Response: 2488518
Conc: 21.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



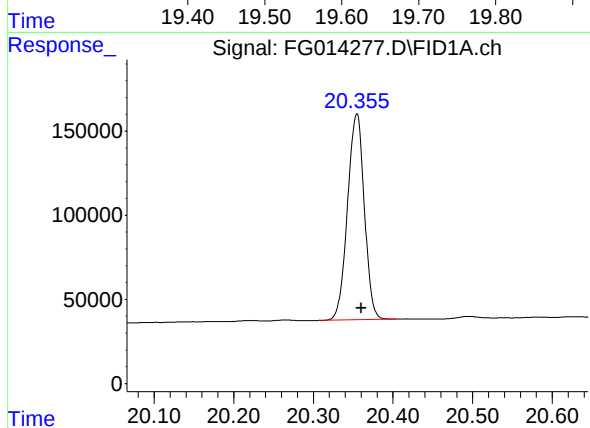
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.006 min
Response: 2402539
Conc: 21.60 ug/ml



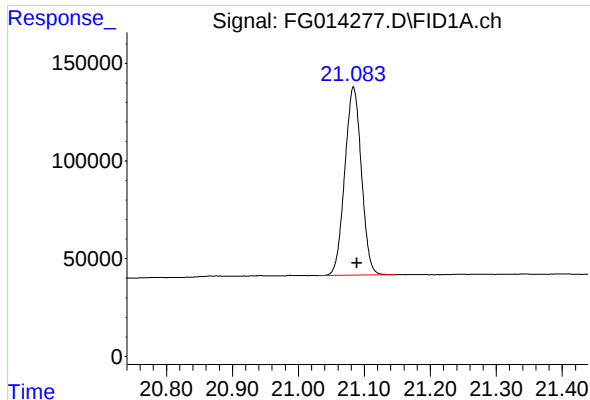
#19 n-Tetatriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.005 min
Response: 2091834
Conc: 21.45 ug/ml



#20 n-Hexatriacontane (C36)

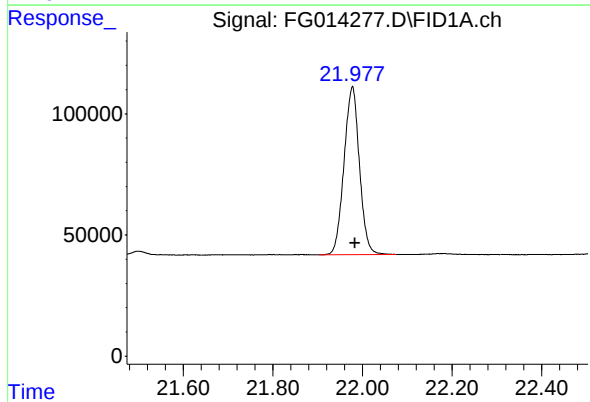
R.T.: 20.355 min
Delta R.T.: -0.006 min
Response: 1793181
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.005 min
Response: 1682869
Conc: 20.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.005 min
Response: 1656042
Conc: 20.34 ug/ml