

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091124AL\
 Data File : FG014206.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 19:59
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 11 07:13:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:13:34 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)	11.827	6498075	48.675 ug/ml
Spiked Amount 50.000		Recovery =	97.35%
12) S 1-chlorooctadecane (S...	13.273	5051396	48.799 ug/ml
Spiked Amount 50.000		Recovery =	97.60%
Target Compounds			
1) T n-Nonane (C9)	3.203	5752926	48.151 ug/ml
2) T n-Decane (C10)	4.453	5868842	48.331 ug/ml
3) T A~Naphthalene (C11.7)	6.154	6228663	50.684 ug/ml
4) T n-Dodecane (C12)	6.625	5897310	49.101 ug/ml
5) T A~2-methylnaphthalene...	7.253	5920367	54.052 ug/ml
6) T n-Tetradecane (C14)	8.457	5870241	49.797 ug/ml
7) T n-Hexadecane (C16)	10.069	6028919	48.830 ug/ml
8) T n-Octadecane (C18)	11.516	6111182	48.656 ug/ml
10) T n-Eicosane (C20)	12.828	5876671	48.479 ug/ml
11) T n-Heneicosane (C21)	13.442	5785385	48.526 ug/ml
13) T n-Docosane (C22)	14.030	5745871	48.487 ug/ml
14) T n-Tetracosane (C24)	15.135	5706134	48.473 ug/ml
15) T n-Hexacosane (C26)	16.160	5587243	48.437 ug/ml
16) T n-Octacosane (C28)	17.112	5440238	48.356 ug/ml
17) T n-Tricontane (C30)	18.001	5440422	47.634 ug/ml
18) T n-Dotriacontane (C32)	18.836	5182350	47.142 ug/ml
19) T n-Tetratriacontane (C34)	19.620	4549158	47.116 ug/ml
20) T n-Hexatriacontane (C36)	20.361	4288591	48.463 ug/ml
21) T n-Octatriacontane (C38)	21.093	3802872	47.476 ug/ml
22) T n-Tetracontane (C40)	21.985	3837896	47.403 ug/ml

(f)=RT Delta > 1/2 Window

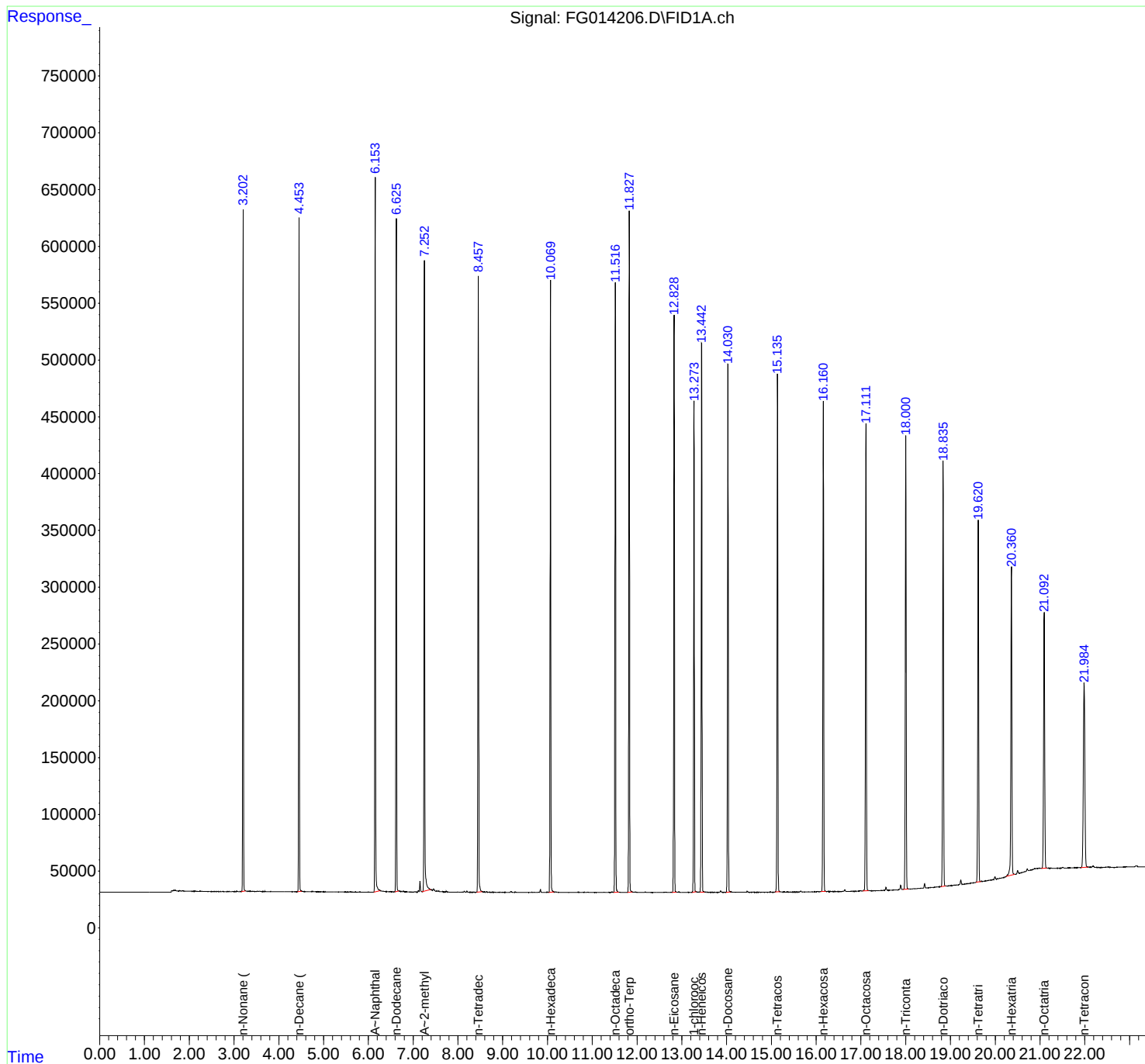
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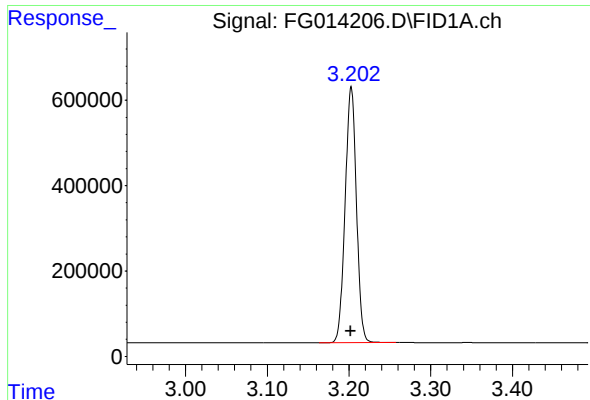
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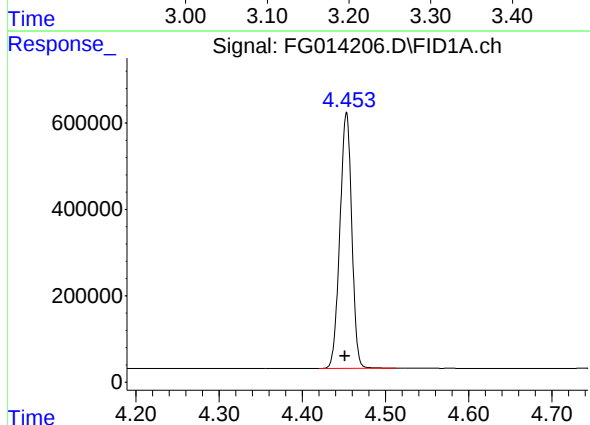




#1 n-Nonane (C9)

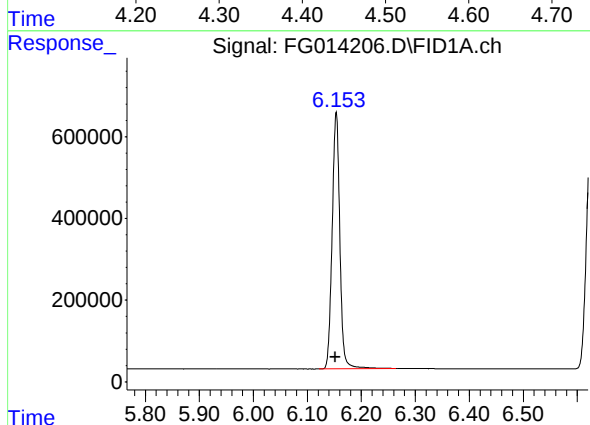
R.T.: 3.203 min
Delta R.T.: 0.000 min
Response: 5752926
Conc: 48.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



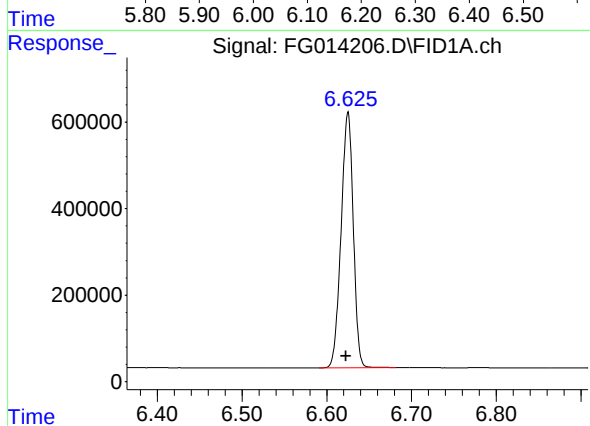
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: 0.002 min
Response: 5868842
Conc: 48.33 ug/ml



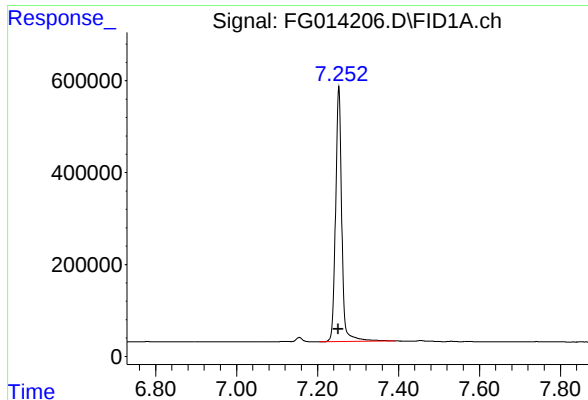
#3 A~Naphthalene (C11.7)

R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 6228663
Conc: 50.68 ug/ml



#4 n-Dodecane (C12)

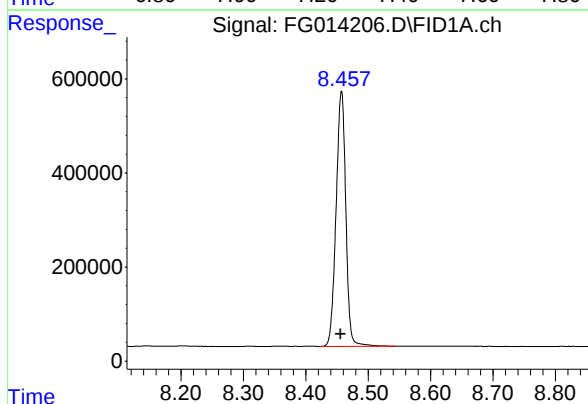
R.T.: 6.625 min
Delta R.T.: 0.003 min
Response: 5897310
Conc: 49.10 ug/ml



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

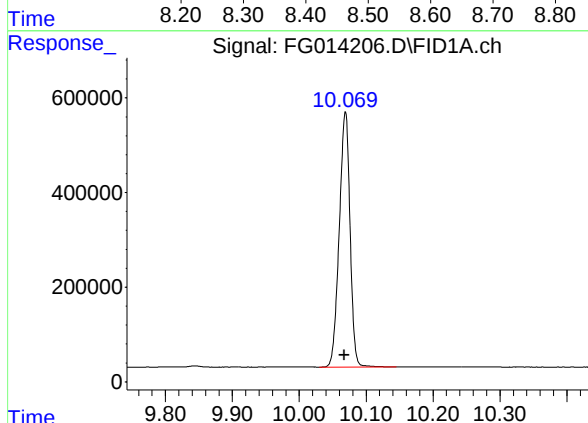
R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 5920367
Conc: 54.05 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



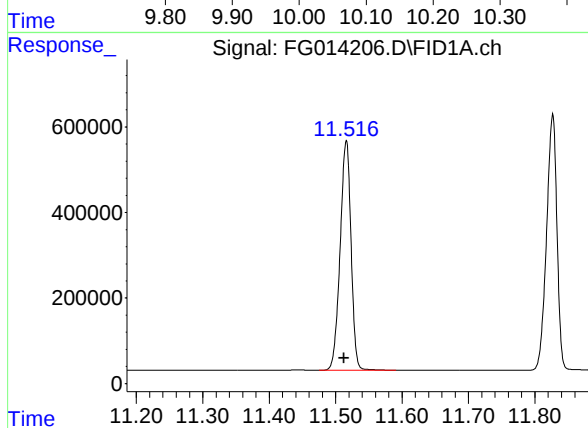
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: 0.002 min
Response: 5870241
Conc: 49.80 ug/ml



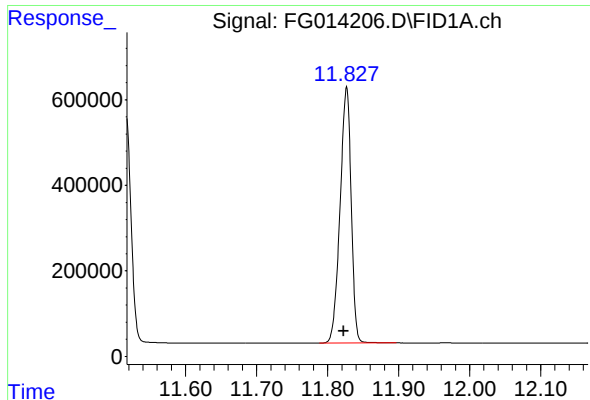
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: 0.002 min
Response: 6028919
Conc: 48.83 ug/ml



#8 n-Octadecane (C18)

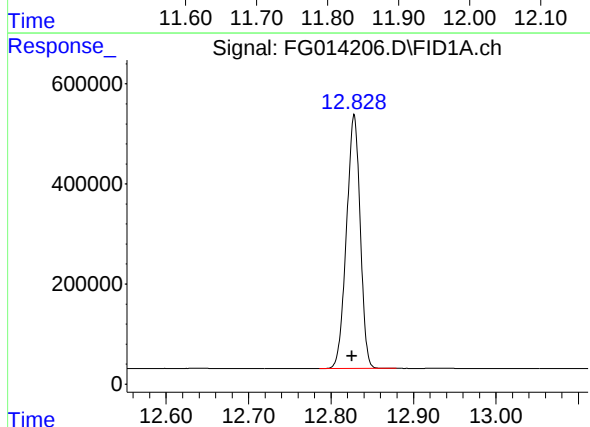
R.T.: 11.516 min
Delta R.T.: 0.004 min
Response: 6111182
Conc: 48.66 ug/ml



#9 ortho-Terphenyl (SURR)

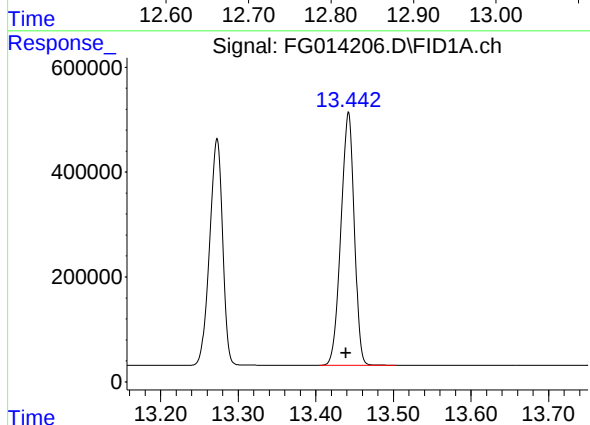
R.T.: 11.827 min
Delta R.T.: 0.004 min
Response: 6498075
Conc: 48.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



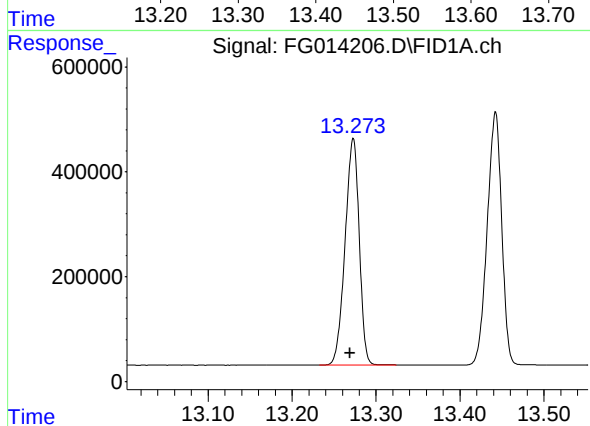
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: 0.003 min
Response: 5876671
Conc: 48.48 ug/ml



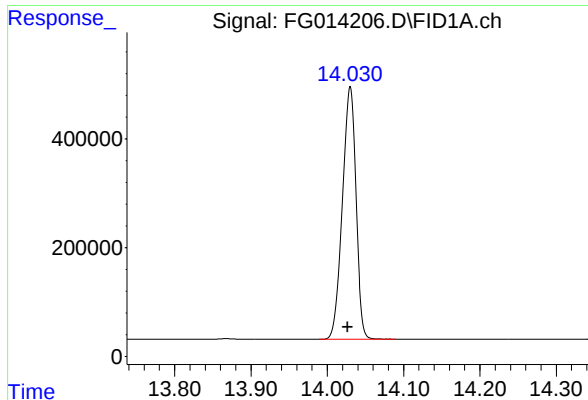
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: 0.004 min
Response: 5785385
Conc: 48.53 ug/ml



#12 1-chlorooctadecane (SURR)

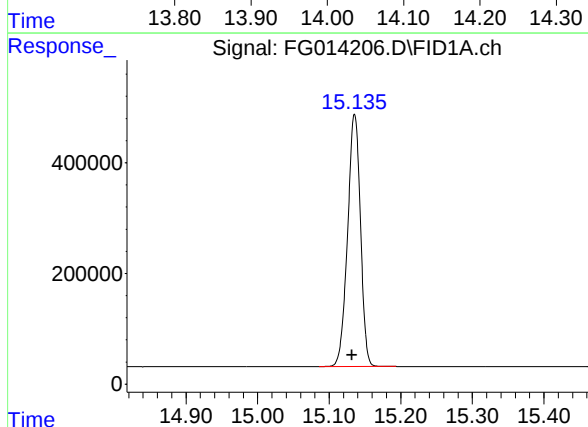
R.T.: 13.273 min
Delta R.T.: 0.004 min
Response: 5051396
Conc: 48.80 ug/ml



#13 n-Docosane (C22)

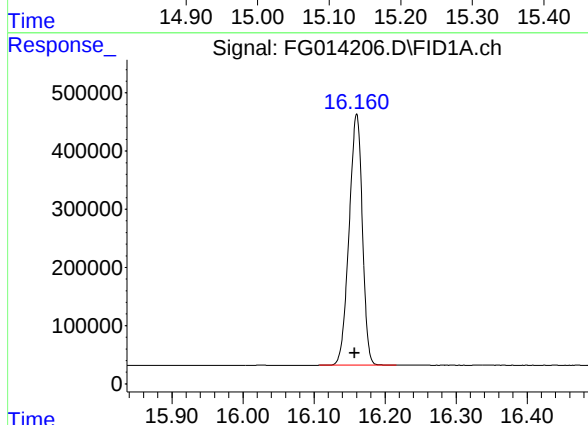
R.T.: 14.030 min
Delta R.T.: 0.003 min
Response: 5745871
Conc: 48.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



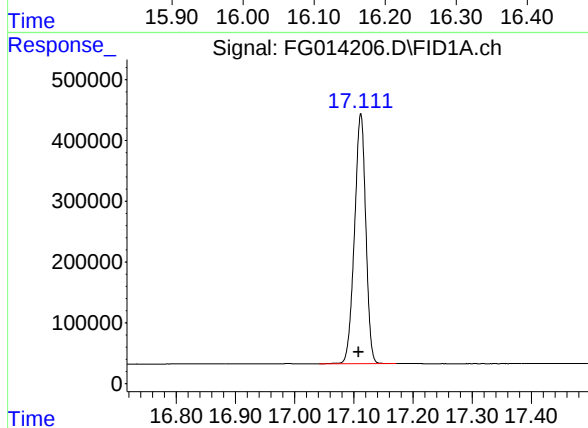
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: 0.003 min
Response: 5706134
Conc: 48.47 ug/ml



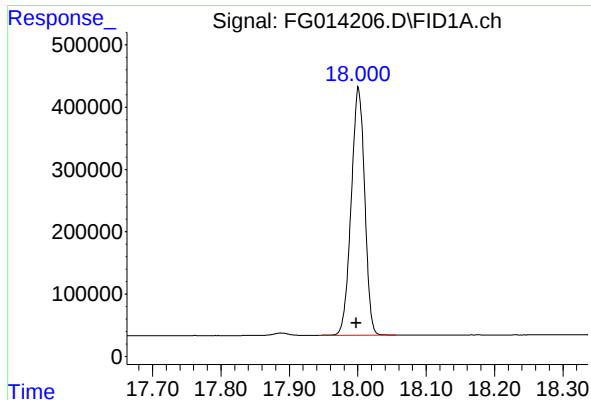
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: 0.003 min
Response: 5587243
Conc: 48.44 ug/ml



#16 n-Octacosane (C28)

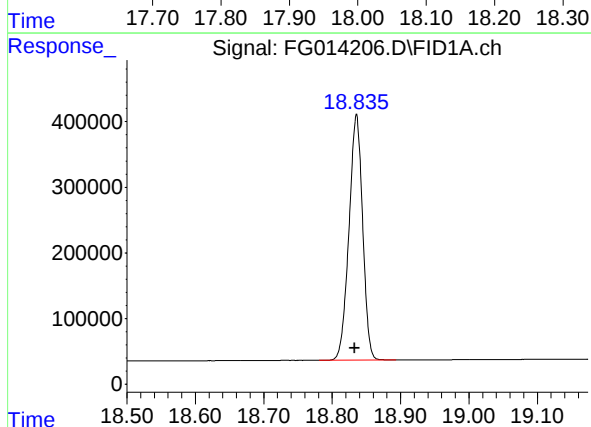
R.T.: 17.112 min
Delta R.T.: 0.003 min
Response: 5440238
Conc: 48.36 ug/ml



#17 n-Tricontane (C30)

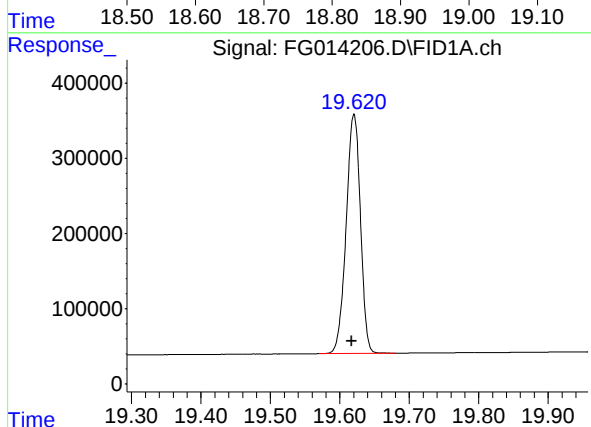
R.T.: 18.001 min
Delta R.T.: 0.003 min
Response: 5440422
Conc: 47.63 ug/ml

Instrument :
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ClientSampleId :
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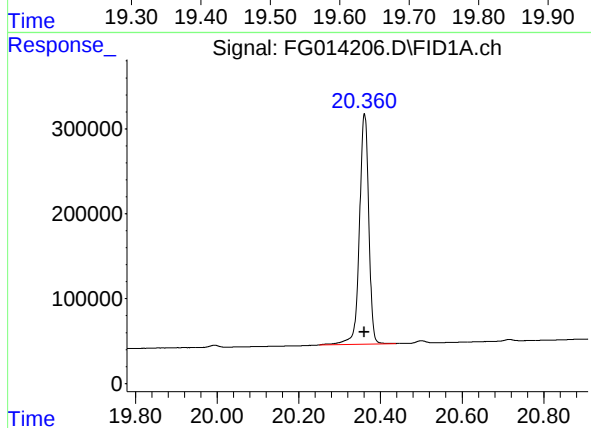
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.003 min
Response: 5182350
Conc: 47.14 ug/ml



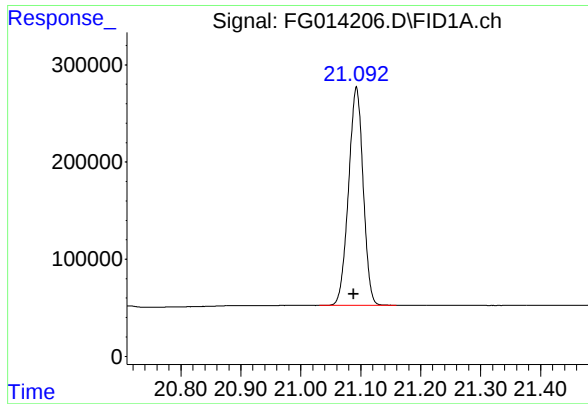
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: 0.003 min
Response: 4549158
Conc: 47.12 ug/ml



#20 n-Hexatriacontane (C36)

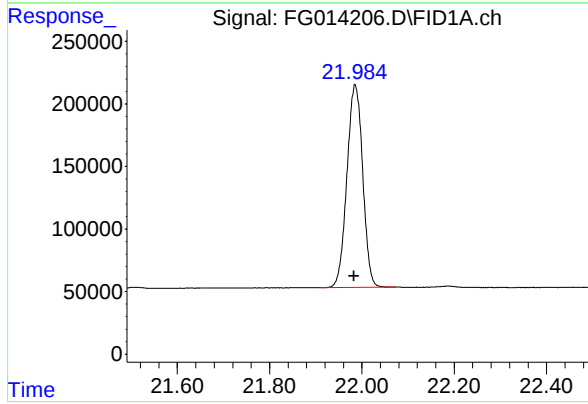
R.T.: 20.361 min
Delta R.T.: 0.000 min
Response: 4288591
Conc: 48.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: 0.004 min
Response: 3802872
Conc: 47.48 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: 0.002 min
Response: 3837896
Conc: 47.40 ug/ml