

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423AL\
 Data File : FG012391.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 19:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jul 15 01:11:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:11:08 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)	10.890	3327782	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.328	2473598	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.737	2645890	20.000 ug/ml
2) T n-Decane (C10)	3.745	2710626	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.311	2962156	20.000 ug/ml
4) T n-Dodecane (C12)	5.735	2741487	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.361	2810442	20.000 ug/ml
6) T n-Tetradecane (C14)	7.528	2722153	20.000 ug/ml
7) T n-Hexadecane (C16)	9.130	2869506	20.000 ug/ml
8) T n-Octadecane (C18)	10.573	2969610	20.000 ug/ml
10) T n-Eicosane (C20)	11.883	2889925	20.000 ug/ml
11) T n-Heneicosane (C21)	12.495	2824833	20.000 ug/ml
13) T n-Docosane (C22)	13.082	2831005	20.000 ug/ml
14) T n-Tetracosane (C24)	14.187	2977934	20.000 ug/ml
15) T n-Hexacosane (C26)	15.209	2776047	20.000 ug/ml
16) T n-Octacosane (C28)	16.160	2753958	20.000 ug/ml
17) T n-Tricontane (C30)	17.047	2838276	20.000 ug/ml
18) T n-Dotriacontane (C32)	17.881	2814579	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.665	2688825	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.406	2609841	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.140	2517980	20.000 ug/ml
22) T n-Tetracontane (C40)	21.048	2473248	20.000 ug/ml

(f)=RT Delta > 1/2 Window

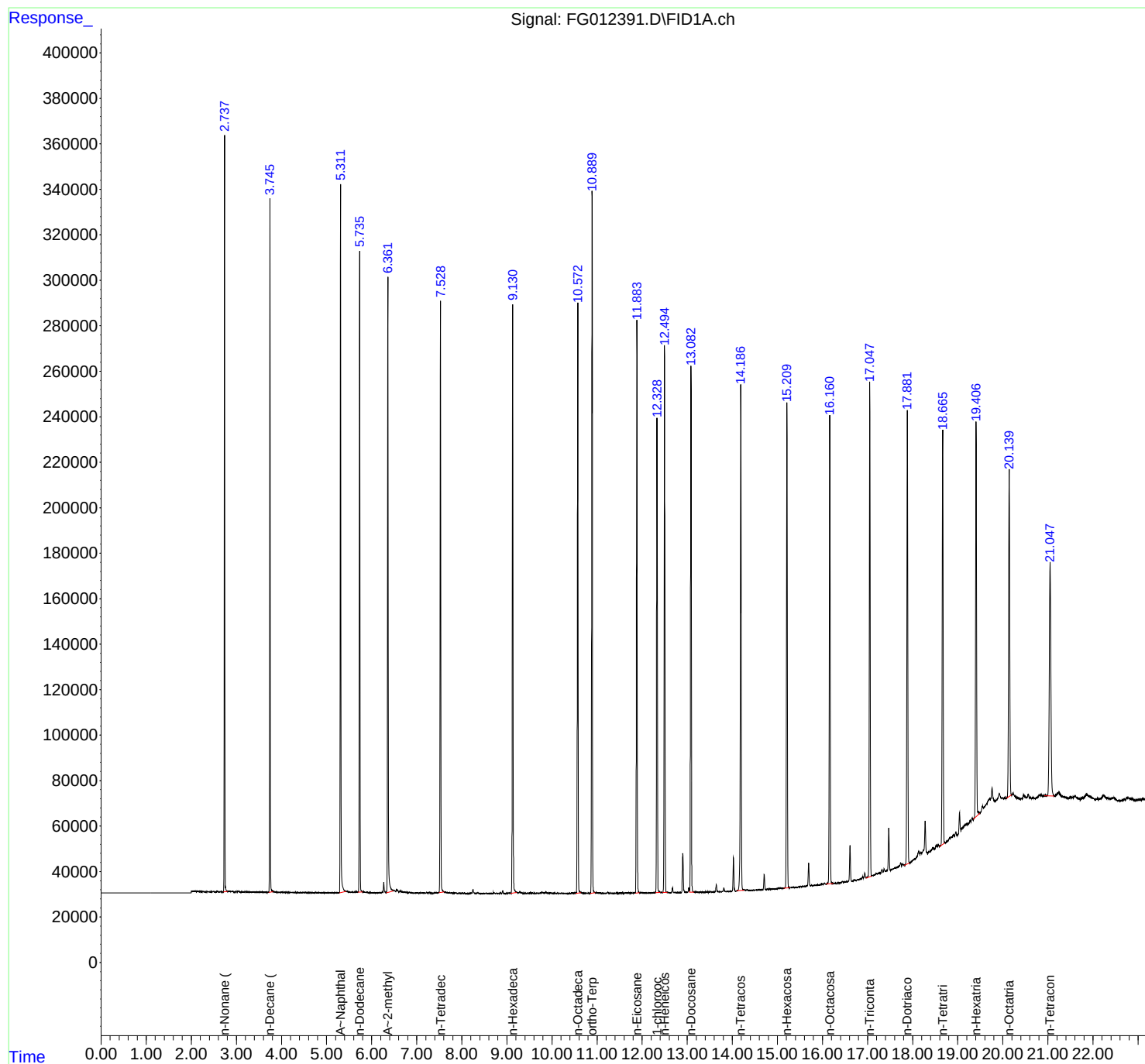
(m)=manual int.

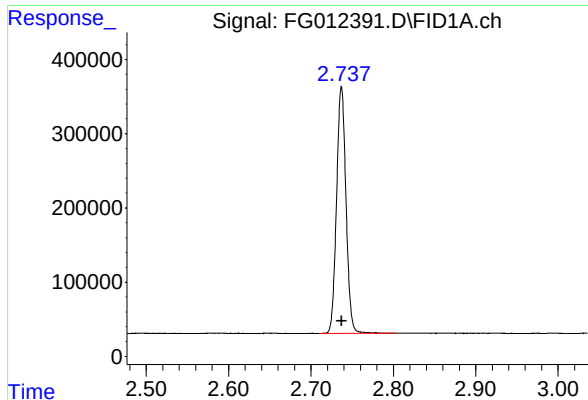
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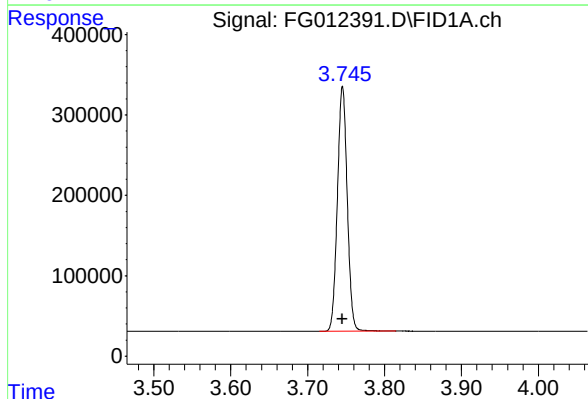




#1 n-Nonane (C9)

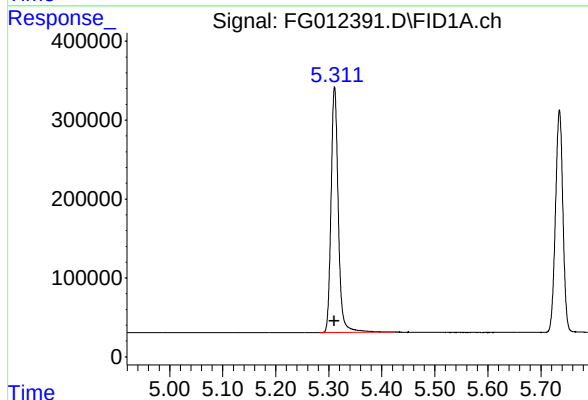
R.T.: 2.737 min
Delta R.T.: 0.000 min
Response: 2645890
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



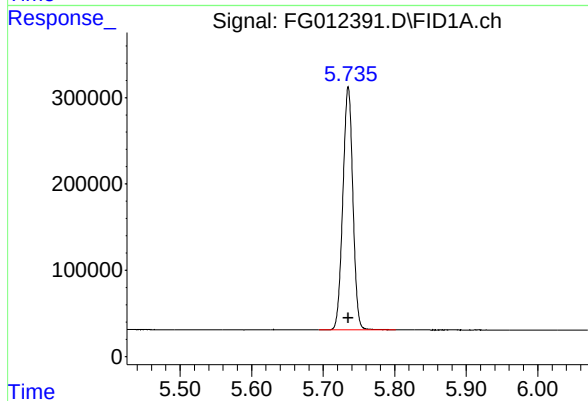
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 2710626
Conc: 20.00 ug/ml



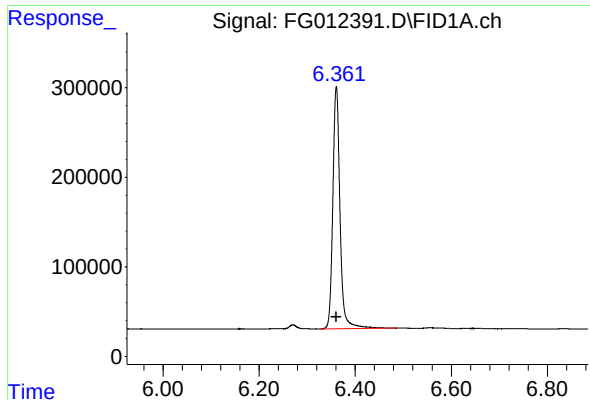
#3 A~Naphthalene (C11.7)

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 2962156
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

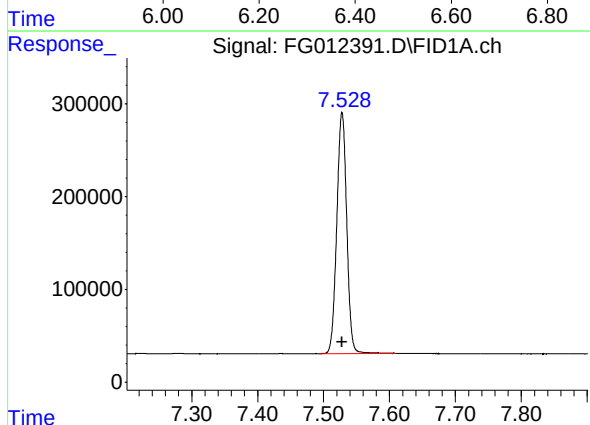
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 2741487
Conc: 20.00 ug/ml



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

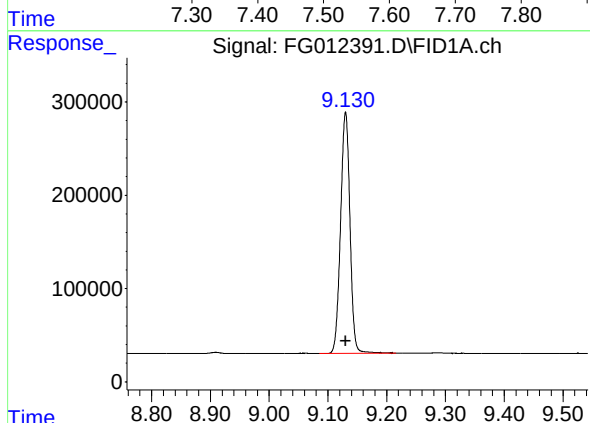
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 2810442
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



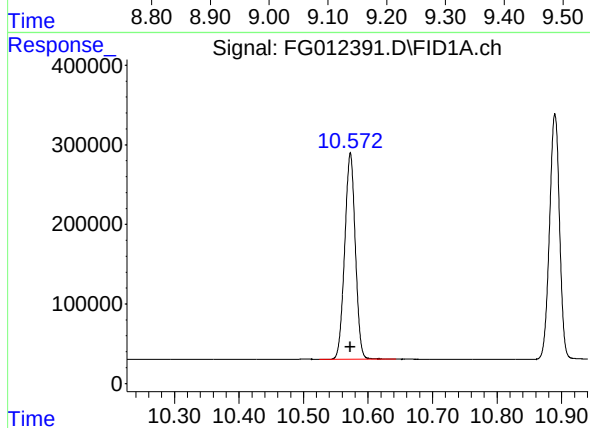
#6 n-Tetradecane (C14)

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 2722153
Conc: 20.00 ug/ml



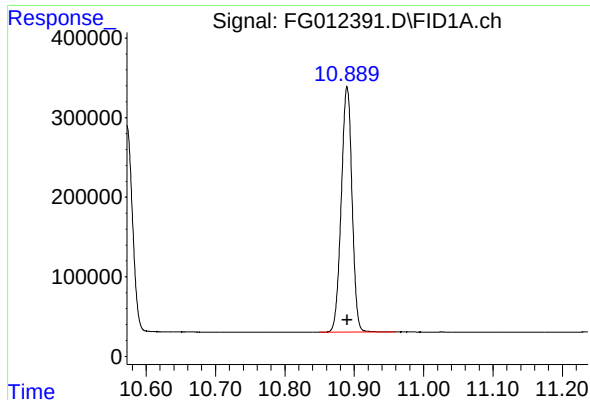
#7 n-Hexadecane (C16)

R.T.: 9.130 min
Delta R.T.: 0.000 min
Response: 2869506
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

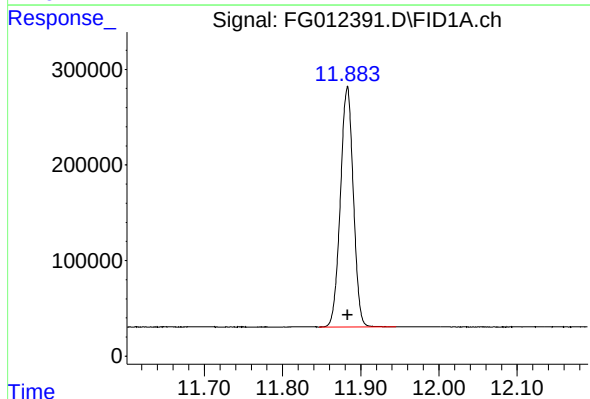
R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 2969610
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

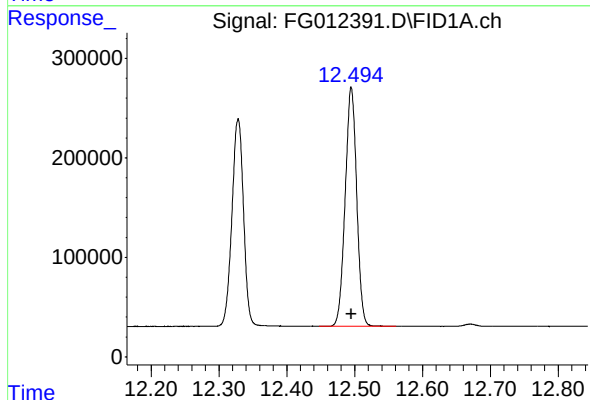
R.T.: 10.890 min
Delta R.T.: 0.000 min
Response: 3327782
Conc: 20.00 ug/ml

Instrument :
FID_G
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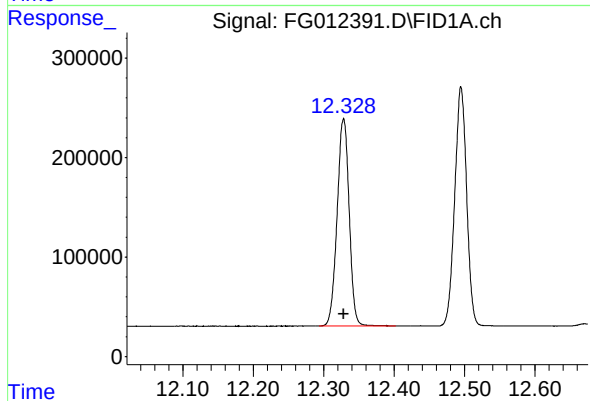
#10 n-Eicosane (C20)

R.T.: 11.883 min
Delta R.T.: 0.000 min
Response: 2889925
Conc: 20.00 ug/ml



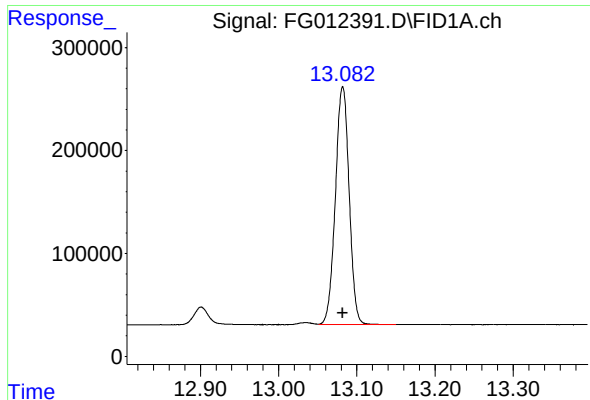
#11 n-Heneicosane (C21)

R.T.: 12.495 min
Delta R.T.: 0.000 min
Response: 2824833
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

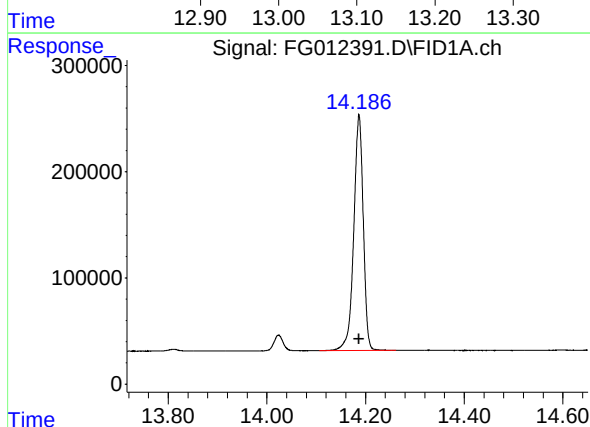
R.T.: 12.328 min
Delta R.T.: 0.000 min
Response: 2473598
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

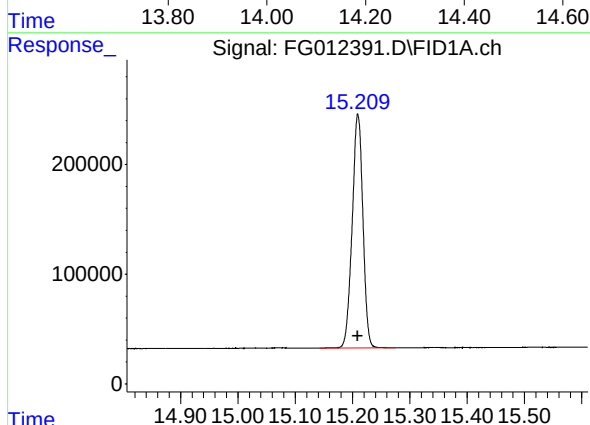
R.T.: 13.082 min
Delta R.T.: 0.000 min
Response: 2831005
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD3



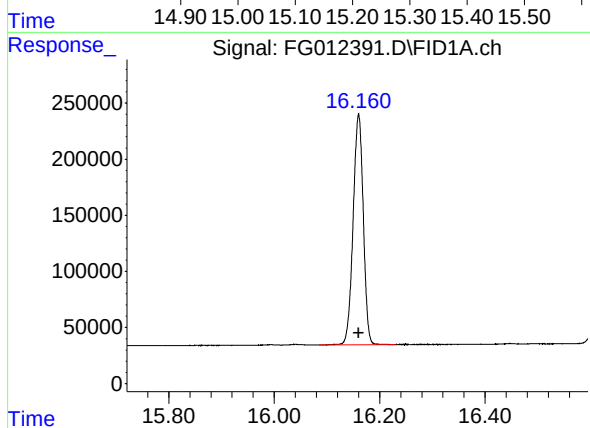
#14 n-Tetracosane (C24)

R.T.: 14.187 min
Delta R.T.: 0.000 min
Response: 2977934
Conc: 20.00 ug/ml



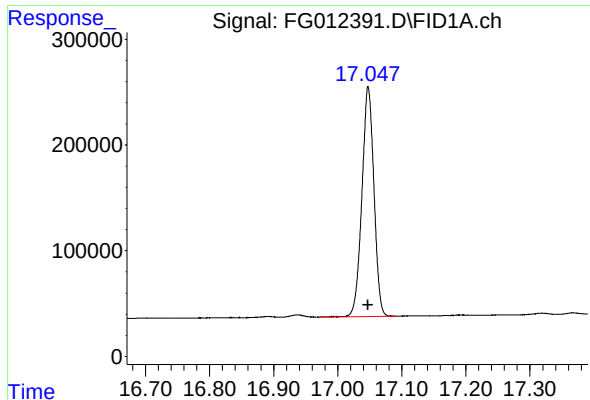
#15 n-Hexacosane (C26)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2776047
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

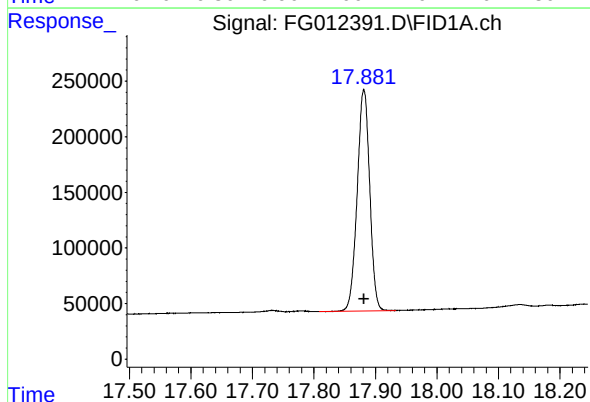
R.T.: 16.160 min
Delta R.T.: 0.000 min
Response: 2753958
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

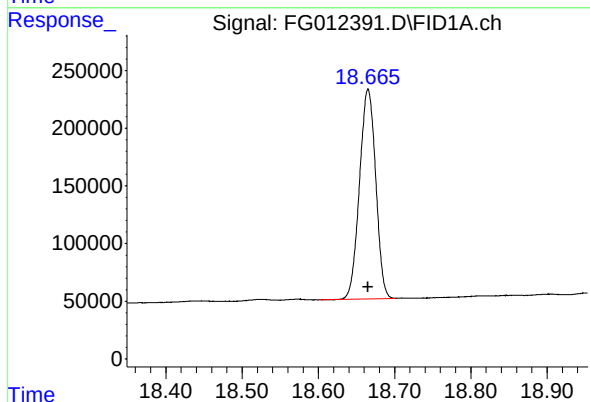
R.T.: 17.047 min
Delta R.T.: 0.000 min
Response: 2838276
Conc: 20.00 ug/ml

Instrument :
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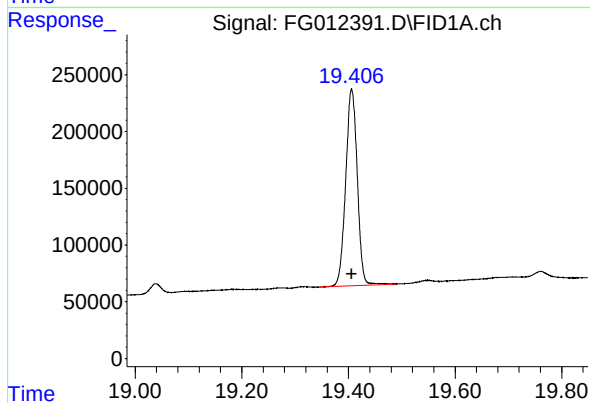
#18 n-Dotriacontane (C32)

R.T.: 17.881 min
Delta R.T.: 0.000 min
Response: 2814579
Conc: 20.00 ug/ml



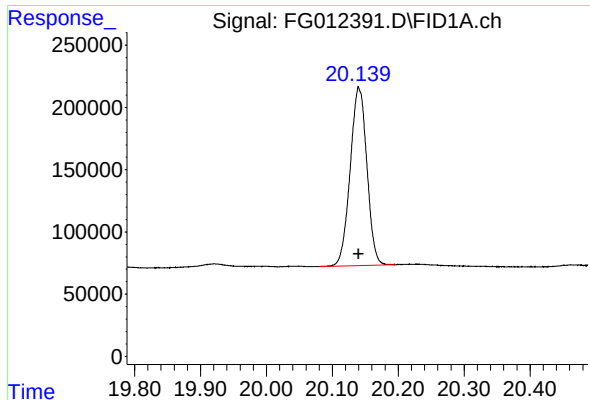
#19 n-Tetratriacontane (C34)

R.T.: 18.665 min
Delta R.T.: 0.000 min
Response: 2688825
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

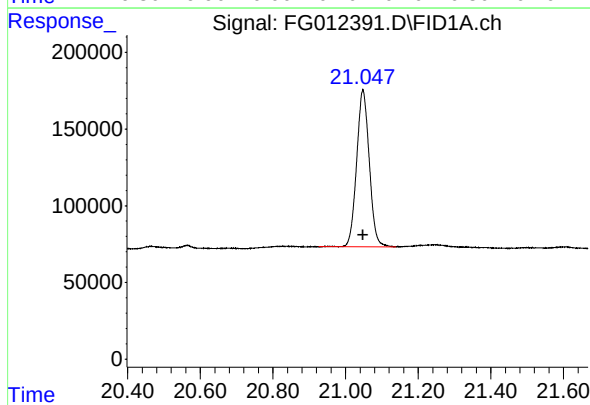
R.T.: 19.406 min
Delta R.T.: 0.000 min
Response: 2609841
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.140 min
Delta R.T.: 0.000 min
Response: 2517980
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.048 min
Delta R.T.: 0.000 min
Response: 2473248
Conc: 20.00 ug/ml