

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
 Data File : FC063704.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 21:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 27 06:04:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:04:04 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)	11.533	3690425	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.968	2593541	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.314	3256412	20.000 ug/ml
2) T n-Decane (C10)	4.376	3300793	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3582976	20.000 ug/ml
4) T n-Dodecane (C12)	6.391	3336542	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.014	3352657	20.000 ug/ml
6) T n-Tetradecane (C14)	8.183	3227632	20.000 ug/ml
7) T n-Hexadecane (C16)	9.781	3199989	20.000 ug/ml
8) T n-Octadecane (C18)	11.220	3208176	20.000 ug/ml
10) T n-Eicosane (C20)	12.525	2997516	20.000 ug/ml
11) T n-Heneicosane (C21)	13.134	2925293	20.000 ug/ml
13) T n-Docosane (C22)	13.720	2867684	20.000 ug/ml
14) T n-Tetracosane (C24)	14.818	2803280	20.000 ug/ml
15) T n-Hexacosane (C26)	15.834	2703086	20.000 ug/ml
16) T n-Octacosane (C28)	16.781	2605772	20.000 ug/ml
17) T n-Tricontane (C30)	17.667	2604012	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.494	2536903	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2513557	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2443735	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.738	2476701	20.000 ug/ml
22) T n-Tetracontane (C40)	21.629	2488180	20.000 ug/ml

(f)=RT Delta > 1/2 Window

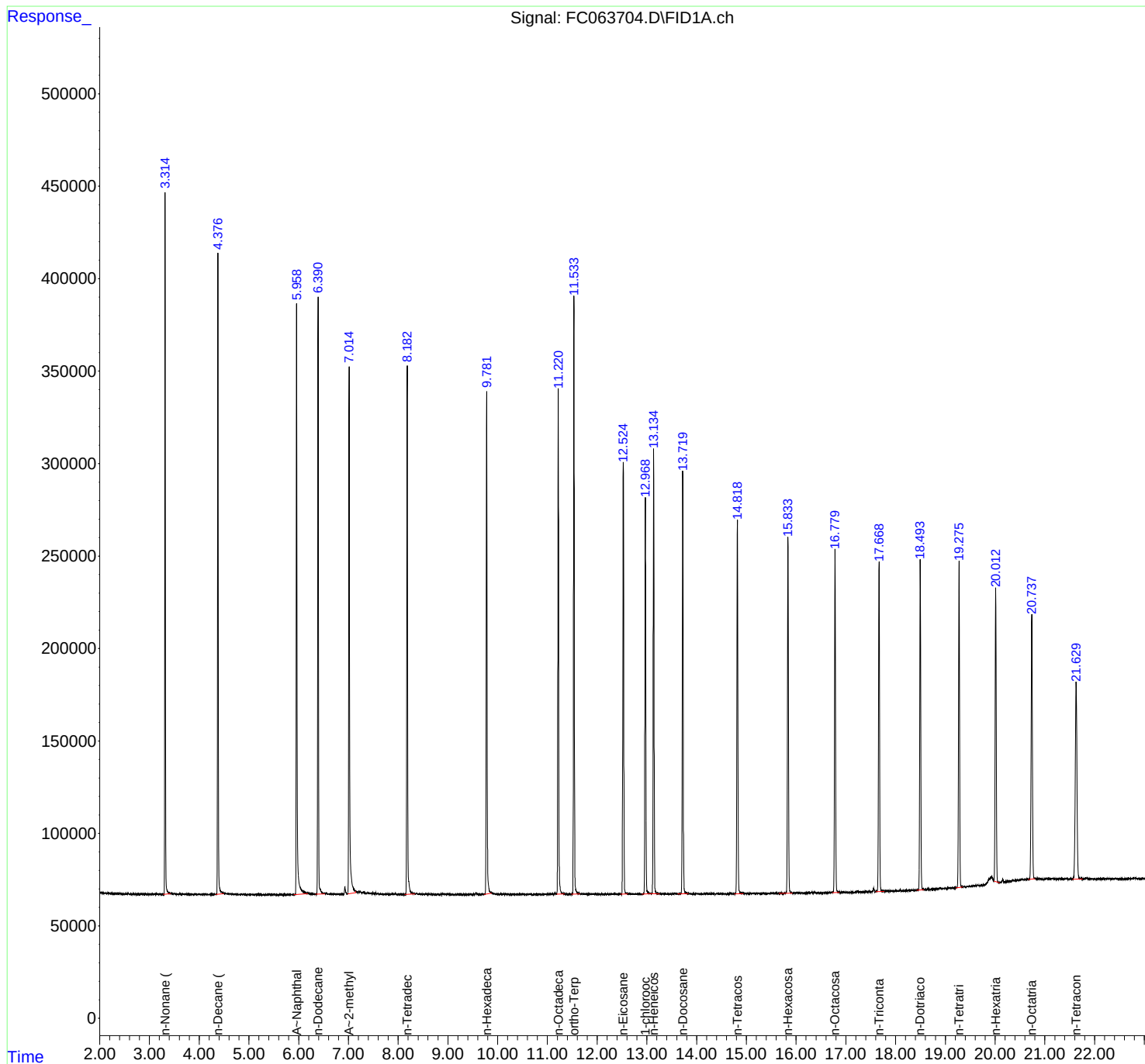
(m)=manual int.

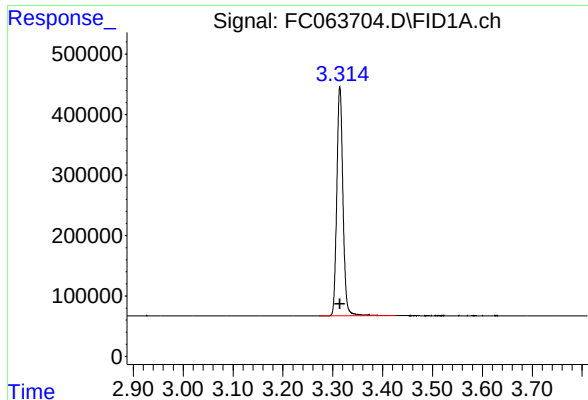
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
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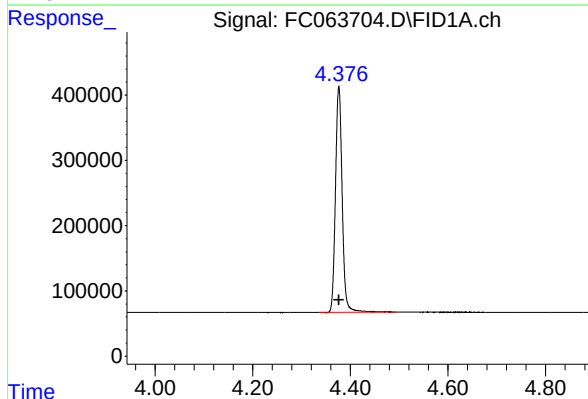




#1 n-Nonane (C9)

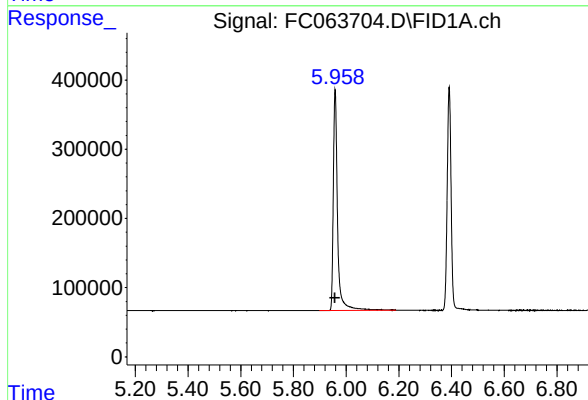
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 3256412
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



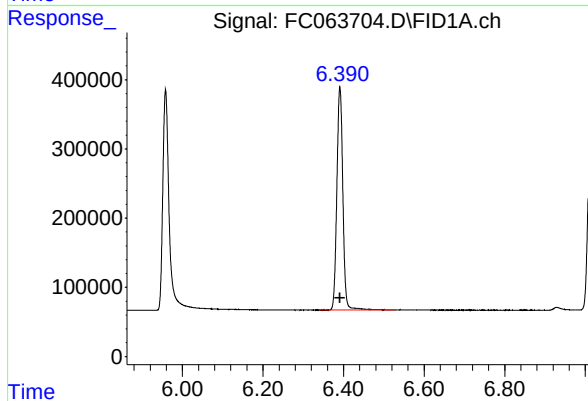
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 3300793
Conc: 20.00 ug/ml



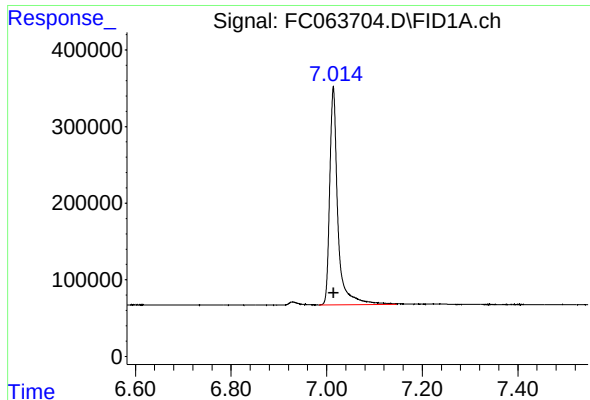
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3582976
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

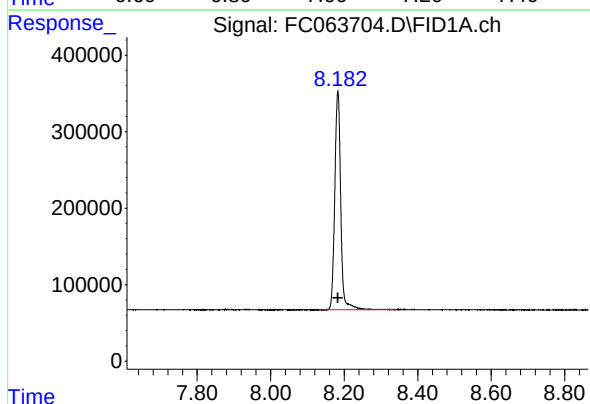
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3336542
Conc: 20.00 ug/ml



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

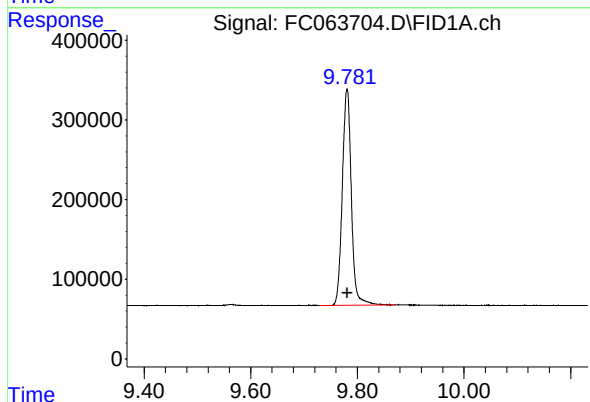
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 3352657
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



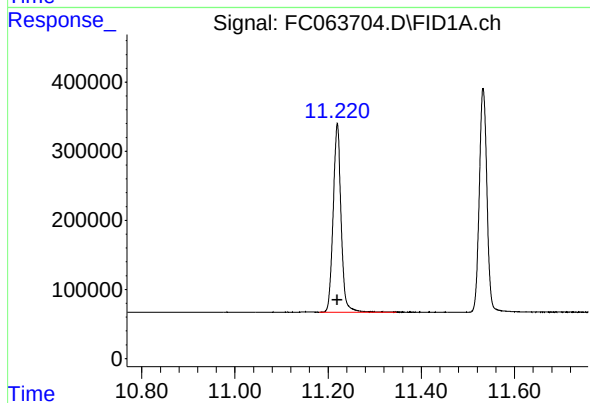
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 3227632
Conc: 20.00 ug/ml



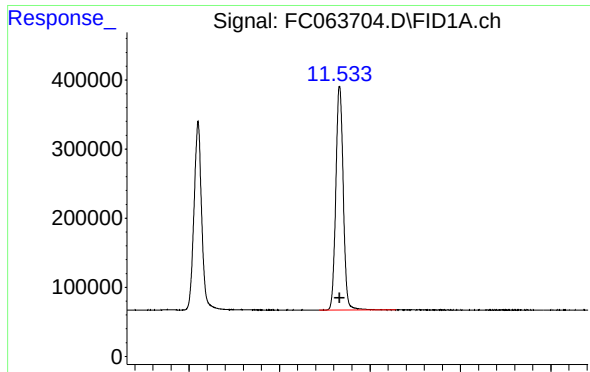
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 3199989
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

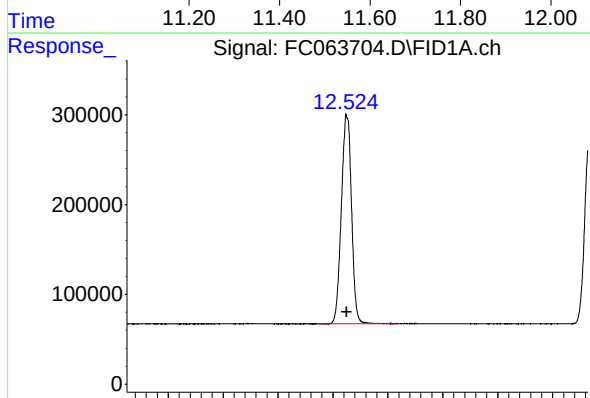
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 3208176
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

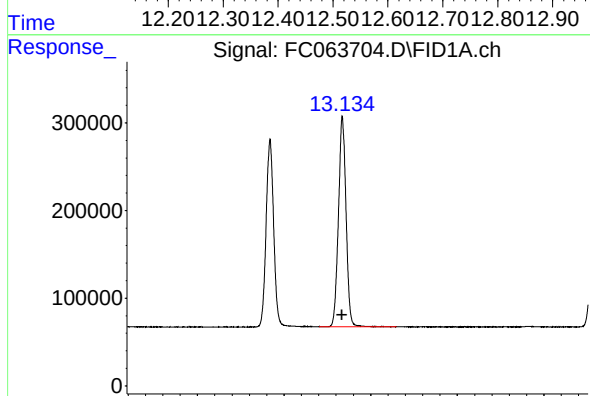
R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 3690425
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



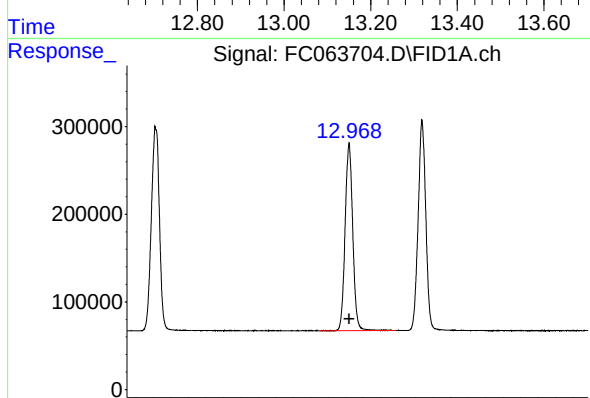
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2997516
Conc: 20.00 ug/ml



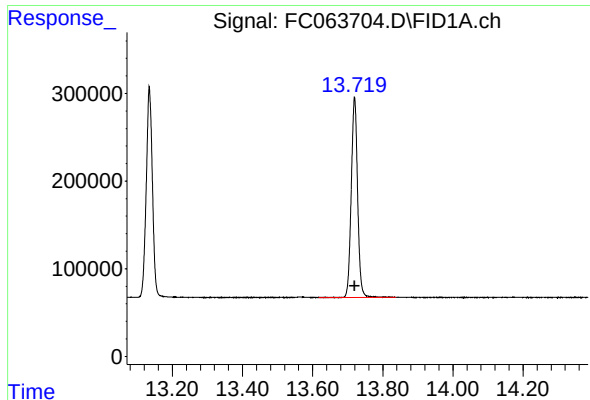
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 2925293
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

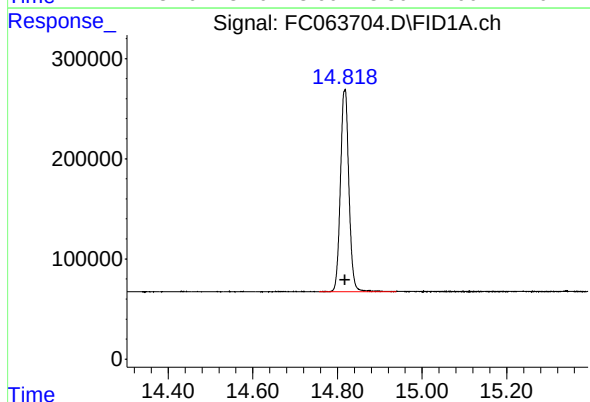
R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 2593541
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

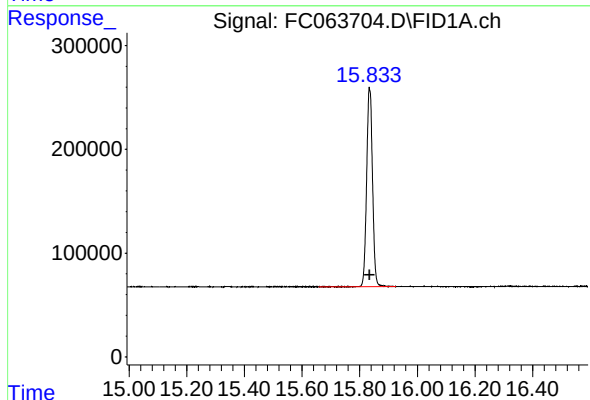
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 2867684
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
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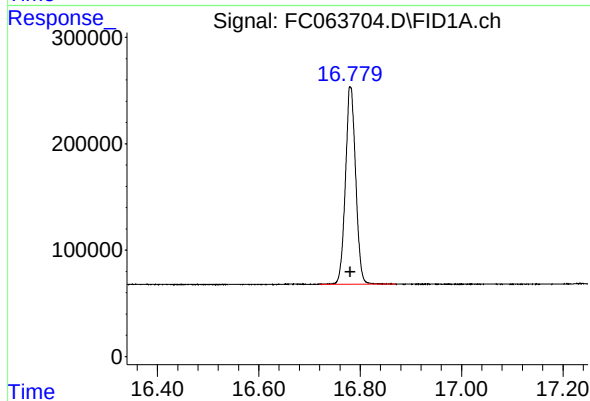
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2803280
Conc: 20.00 ug/ml



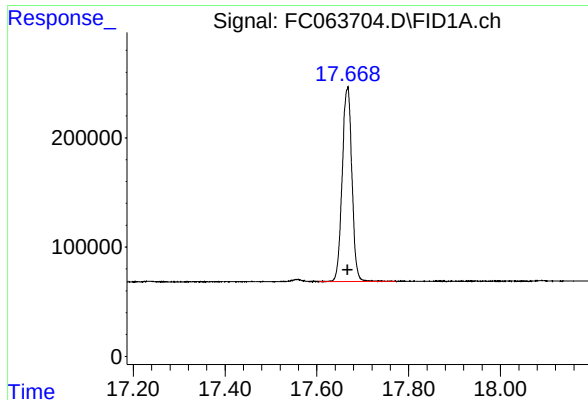
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.000 min
Response: 2703086
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

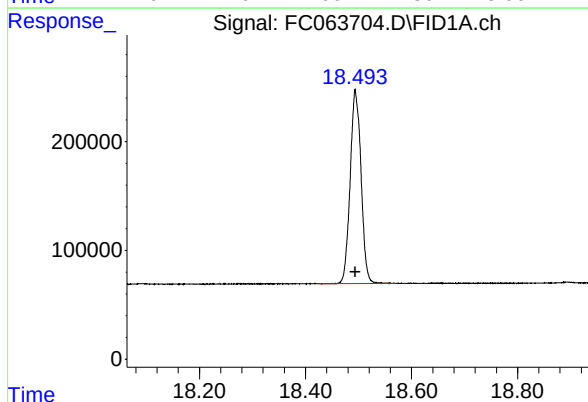
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 2605772
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

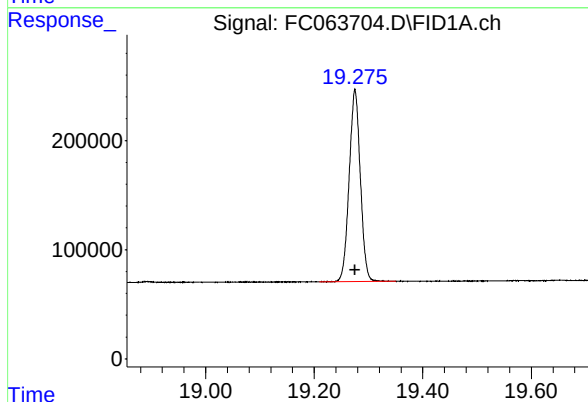
R.T.: 17.667 min
Delta R.T.: 0.000 min
Response: 2604012
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



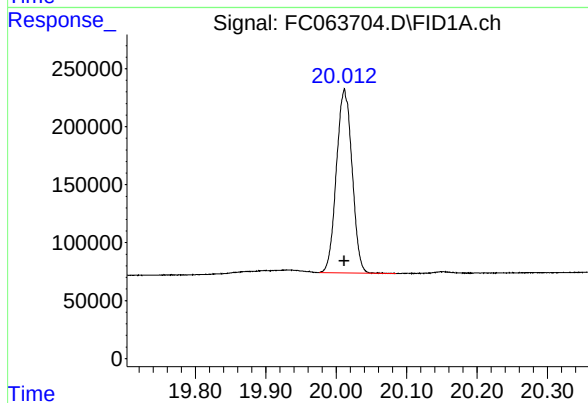
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 2536903
Conc: 20.00 ug/ml



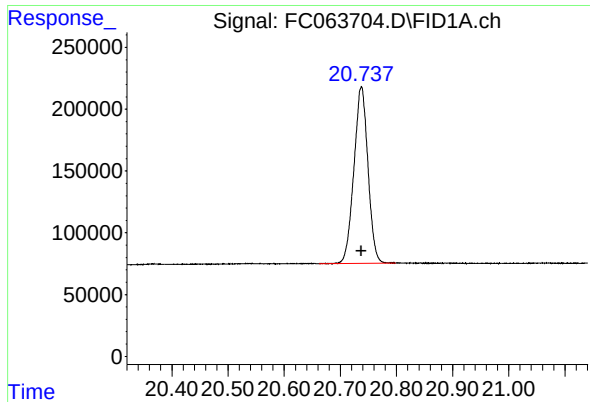
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 2513557
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

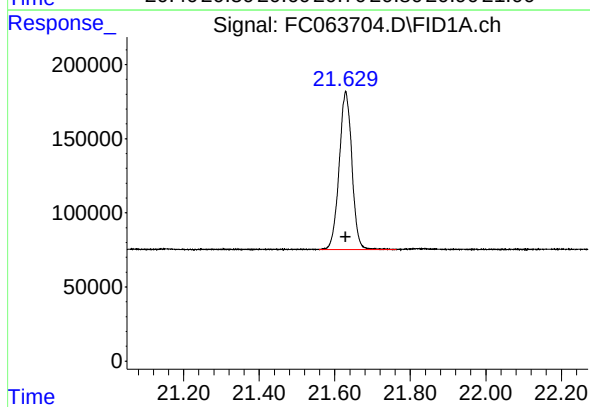
R.T.: 20.012 min
Delta R.T.: 0.000 min
Response: 2443735
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 2476701
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.000 min
Response: 2488180
Conc: 20.00 ug/ml