

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063166.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 17:48
 Operator : YP/AJ
 Sample : EPH CARTRIDGES-4
 Misc : E3480
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES-4

Integration File: autoint1.e
 Quant Time: Mar 14 03:35:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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			
12) S 1-chlorooctadecane (S...	12.976	4271206	43.786 ug/ml
Spiked Amount 50.000		Recovery =	87.57%
Target Compounds			
1) T n-Nonane (C9)	3.296	2929817	24.712 ug/ml
2) T n-Decane (C10)	4.364	3511958	30.456 ug/ml
4) T n-Dodecane (C12)	6.384	3896204	33.741 ug/ml
6) T n-Tetradecane (C14)	8.180	3968023	35.110 ug/ml
7) T n-Hexadecane (C16)	9.782	4337134	37.702 ug/ml
8) T n-Octadecane (C18)	11.223	4691667	40.281 ug/ml
10) T n-Eicosane (C20)	12.532	4602685	40.394 ug/ml
11) T n-Heneicosane (C21)	13.142	4555674	39.974 ug/ml
13) T n-Docosane (C22)	13.728	4561647	40.446 ug/ml
14) T n-Tetracosane (C24)	14.830	4522806	40.359 ug/ml
15) T n-Hexacosane (C26)	15.849	4489259	40.594 ug/ml
16) T n-Octacosane (C28)	16.797	4459067	40.525 ug/ml
17) T n-Tricontane (C30)	17.683	4478305	40.666 ug/ml
18) T n-Dotriacontane (C32)	18.516	4561208	40.869 ug/ml
19) T n-Tetratriacontane (C34)	19.297	4532400	40.553 ug/ml
20) T n-Hexatriacontane (C36)	20.034	4349941	40.071 ug/ml
21) T n-Octatriacontane (C38)	20.765	4370535	40.220 ug/ml
22) T n-Tetracontane (C40)	21.661	4373489	40.200 ug/ml

(f)=RT Delta > 1/2 Window

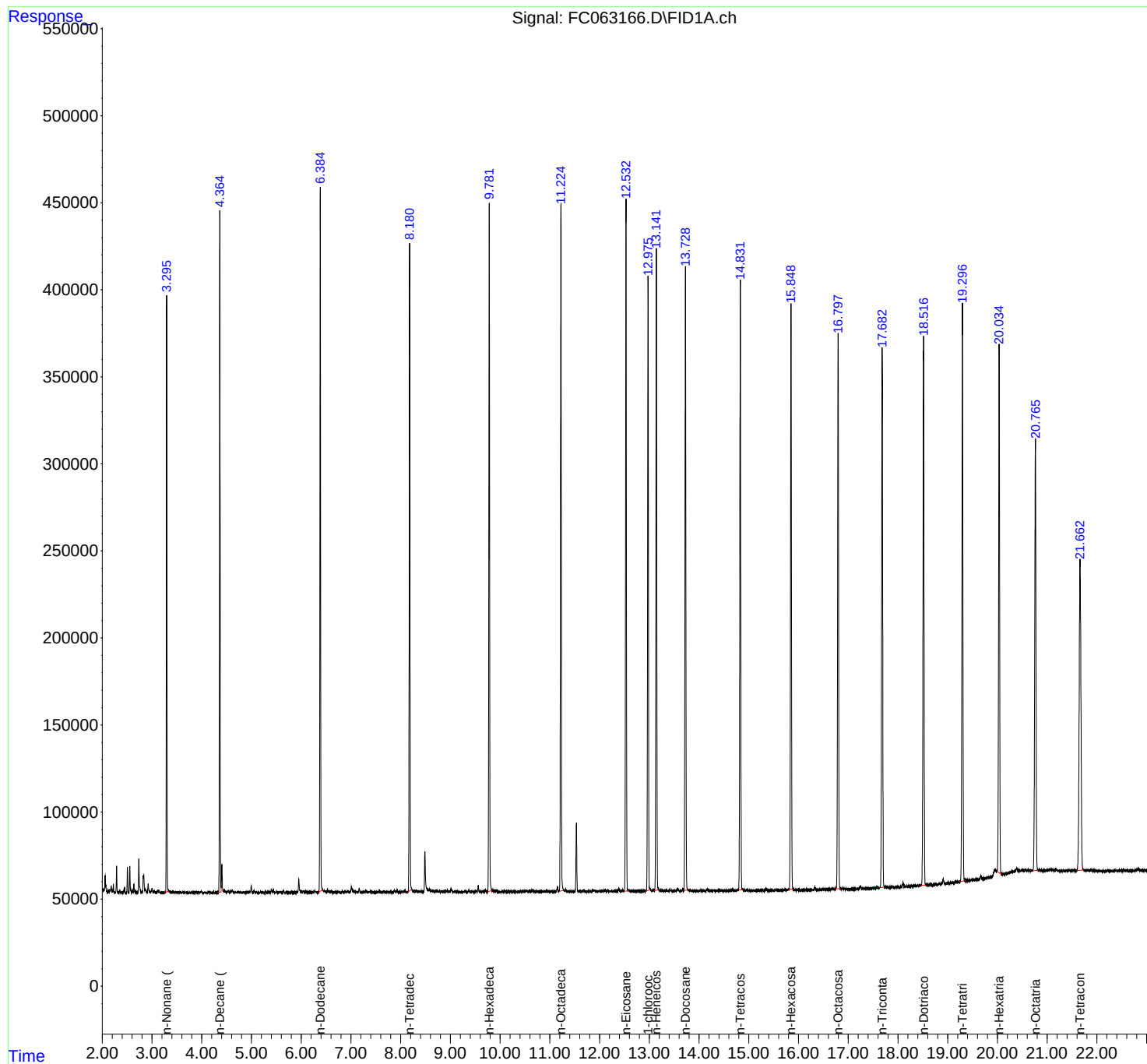
(m)=manual int.

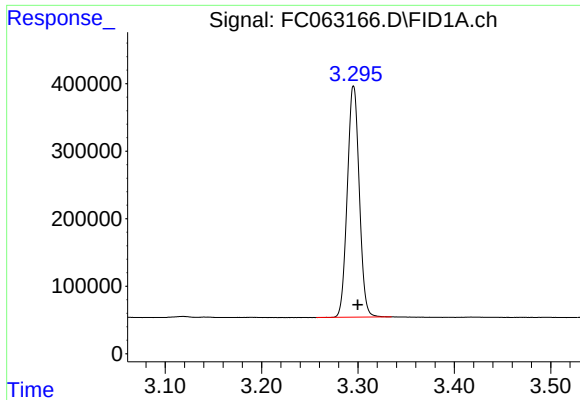
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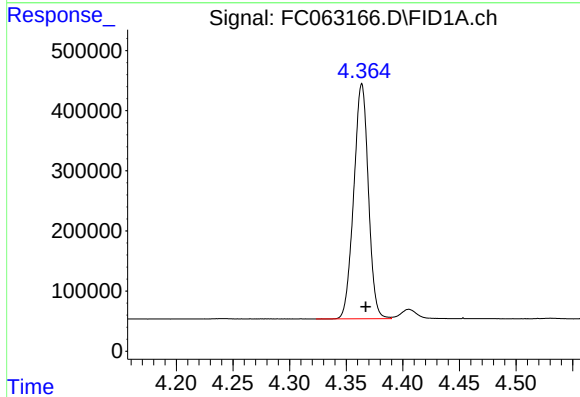




#1 n-Nonane (C9)

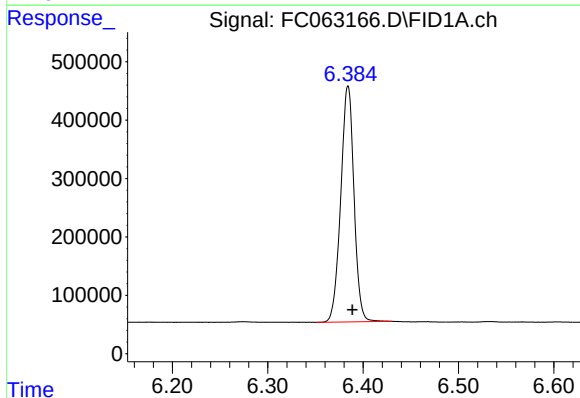
R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 2929817
Conc: 24.71 ug/ml

Instrument :
FID_C
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EPH CARTRIDGES-4



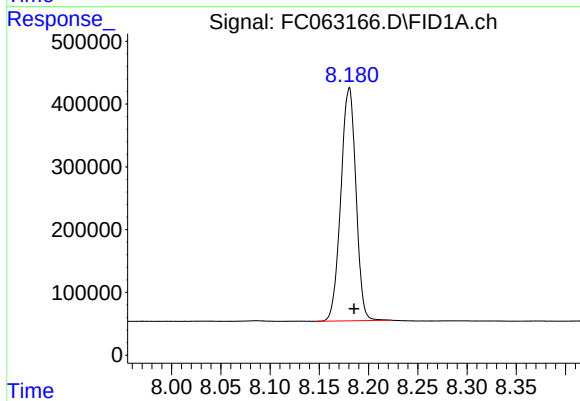
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 3511958
Conc: 30.46 ug/ml



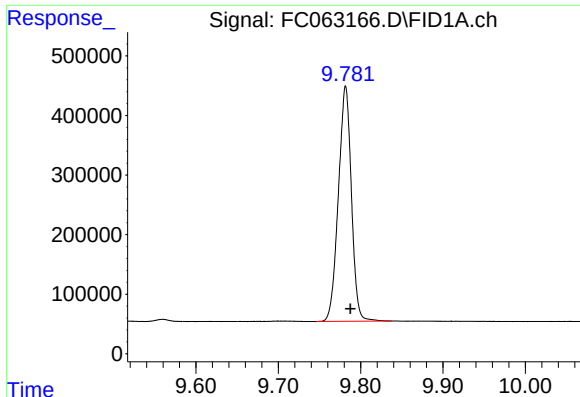
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 3896204
Conc: 33.74 ug/ml



#6 n-Tetradecane (C14)

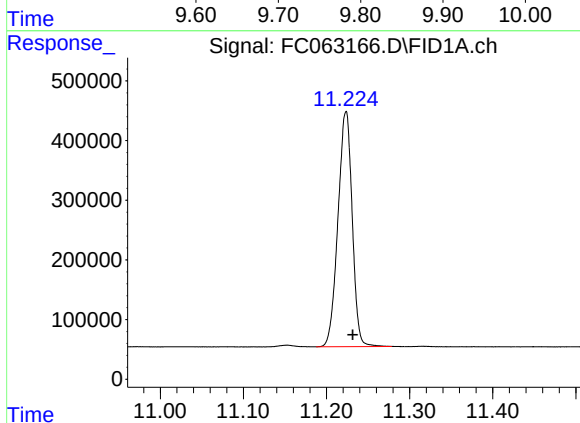
R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 3968023
Conc: 35.11 ug/ml



#7 n-Hexadecane (C16)

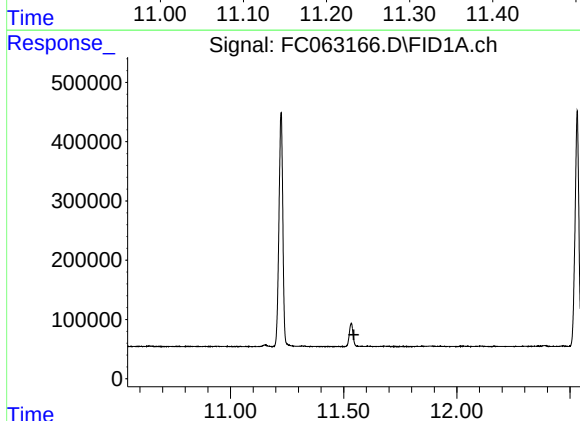
R.T.: 9.782 min
Delta R.T.: -0.006 min
Response: 4337134
Conc: 37.70 ug/ml

Instrument :
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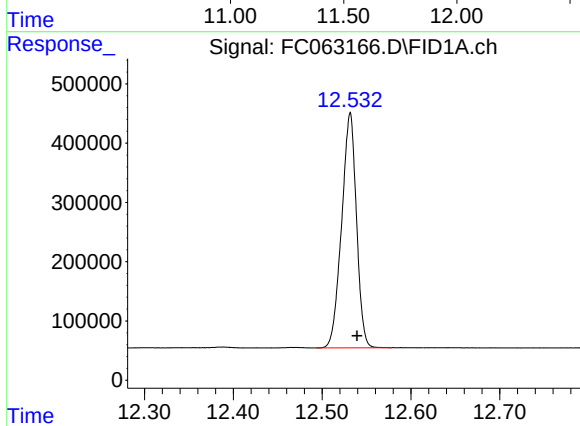
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 4691667
Conc: 40.28 ug/ml



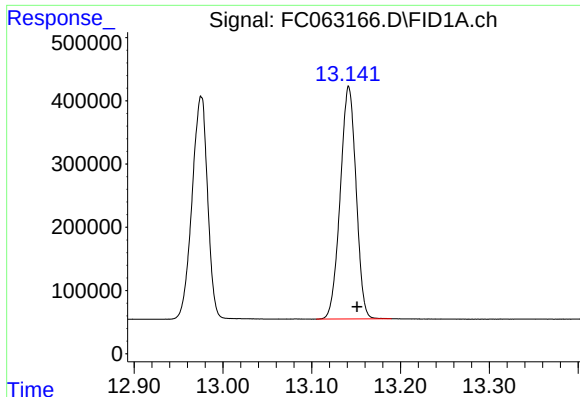
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.545 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

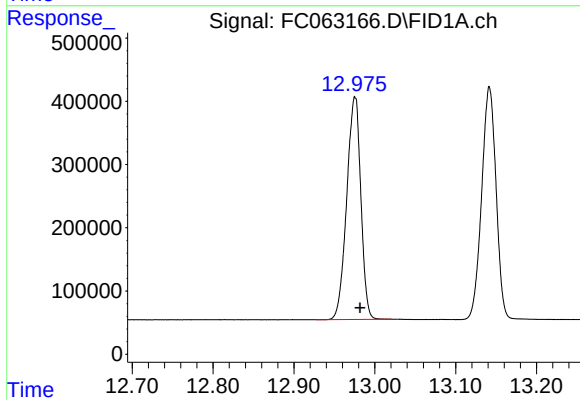
R.T.: 12.532 min
Delta R.T.: -0.008 min
Response: 4602685
Conc: 40.39 ug/ml



#11 n-Heneicosane (C21)

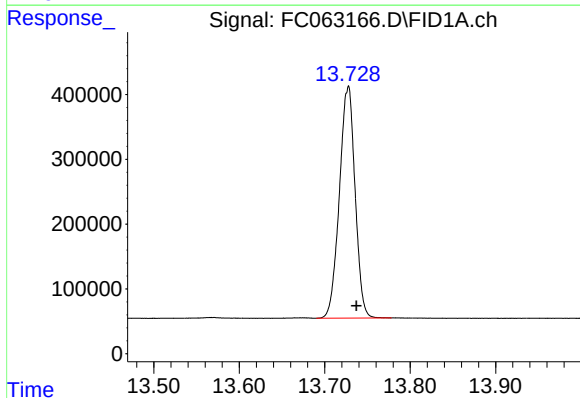
R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 4555674
Conc: 39.97 ug/ml

Instrument :
FID_C
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EPH CARTRIDGES-4



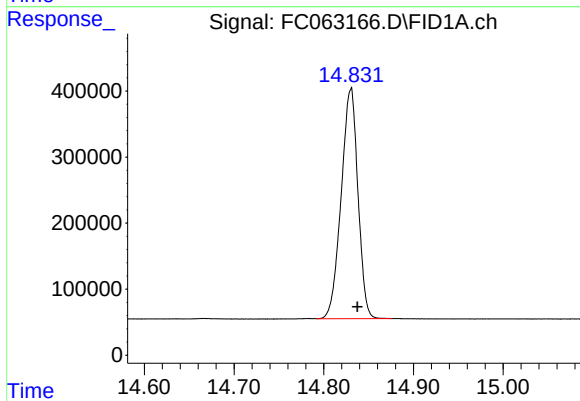
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 4271206
Conc: 43.79 ug/ml



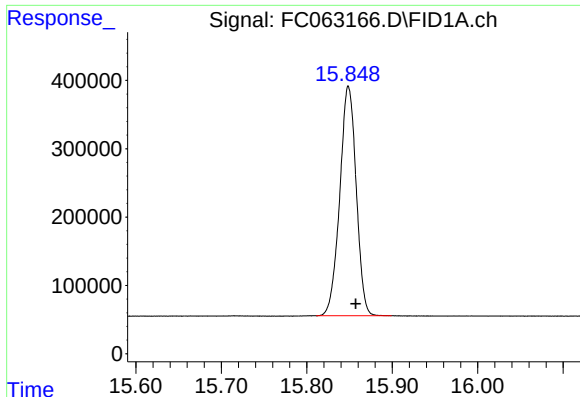
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.009 min
Response: 4561647
Conc: 40.45 ug/ml



#14 n-Tetracosane (C24)

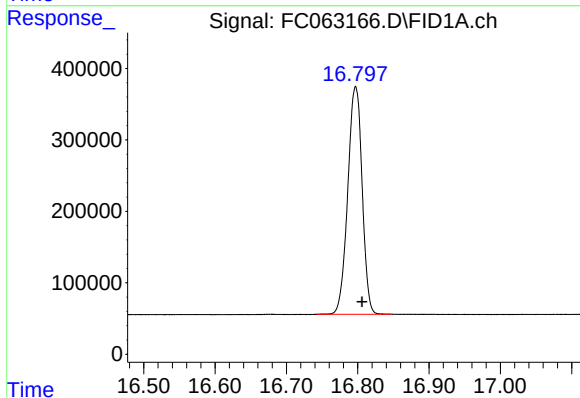
R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 4522806
Conc: 40.36 ug/ml



#15 n-Hexacosane (C26)

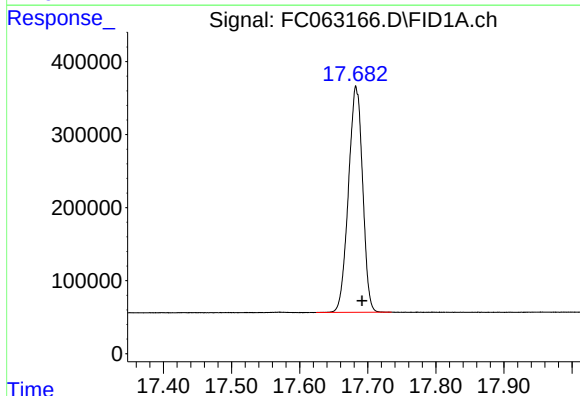
R.T.: 15.849 min
Delta R.T.: -0.009 min
Response: 4489259
Conc: 40.59 ug/ml

Instrument :
FID_C
ClientSampleId :
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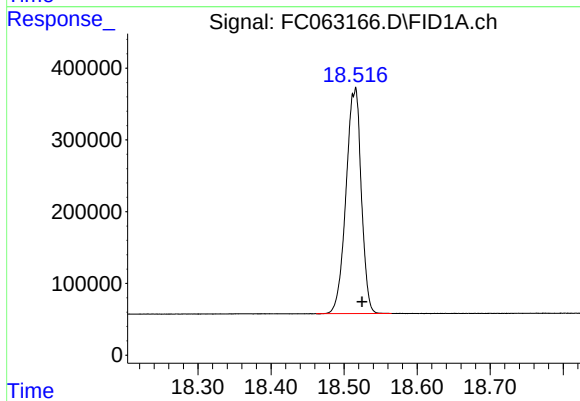
#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 4459067
Conc: 40.53 ug/ml



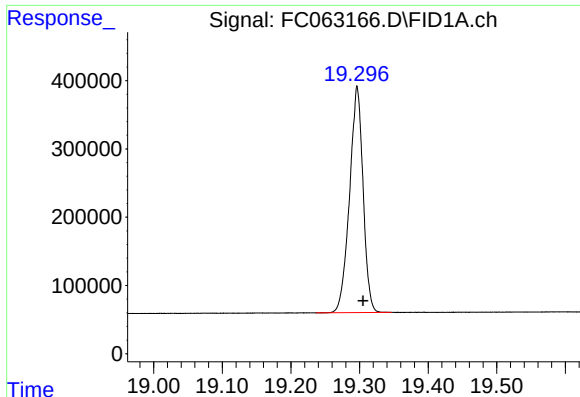
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.009 min
Response: 4478305
Conc: 40.67 ug/ml



#18 n-Dotriacontane (C32)

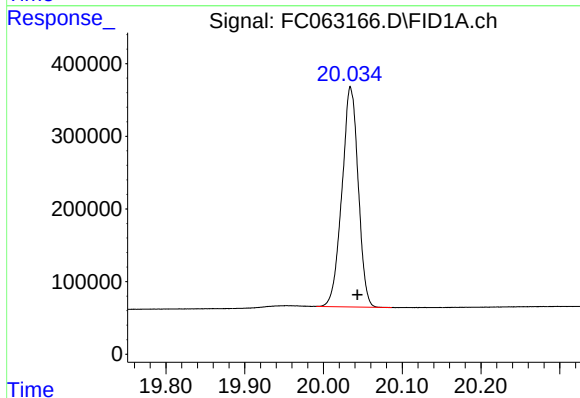
R.T.: 18.516 min
Delta R.T.: -0.009 min
Response: 4561208
Conc: 40.87 ug/ml



#19 n-Tetratriacontane (C34)

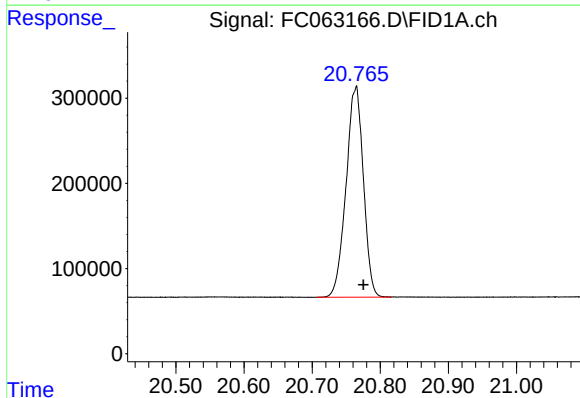
R.T.: 19.297 min
Delta R.T.: -0.009 min
Response: 4532400
Conc: 40.55 ug/ml

Instrument :
FID_C
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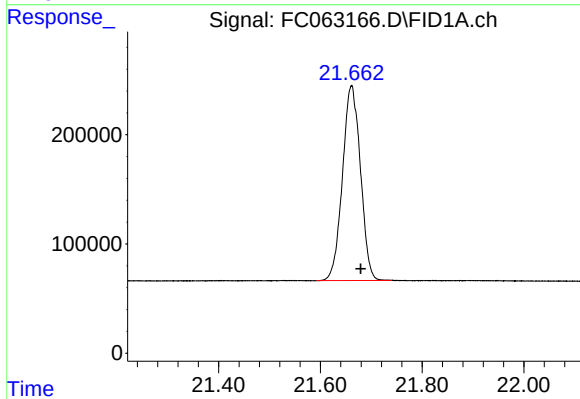
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 4349941
Conc: 40.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.011 min
Response: 4370535
Conc: 40.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.661 min
Delta R.T.: -0.018 min
Response: 4373489
Conc: 40.20 ug/ml