

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063298.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 06:03
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 05 06:31:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 06:31:08 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)	11.527	1520263	10.184 ug/ml
Spiked Amount 50.000		Recovery =	20.37%
12) S 1-chlorooctadecane (S...	12.965	1089718	9.898 ug/ml
Spiked Amount 50.000		Recovery =	19.80%
Target Compounds			
1) T n-Nonane (C9)	3.298	1409726	10.172 ug/ml
2) T n-Decane (C10)	4.363	1354327	10.021 ug/ml
3) T A~Naphthalene (C11.7)	5.948	1442915	9.613 ug/ml
4) T n-Dodecane (C12)	6.382	1326614	9.910 ug/ml
5) T A~2-methylnaphthalene...	7.005	1325324	9.541 ug/ml
6) T n-Tetradecane (C14)	8.176	1326737	9.926 ug/ml
7) T n-Hexadecane (C16)	9.775	1350694	10.016 ug/ml
8) T n-Octadecane (C18)	11.215	1377610	10.113 ug/ml
10) T n-Eicosane (C20)	12.523	1343964	10.180 ug/ml
11) T n-Heneicosane (C21)	13.133	1349264	10.196 ug/ml
13) T n-Docosane (C22)	13.720	1334187	10.160 ug/ml
14) T n-Tetracosane (C24)	14.820	1345462	10.152 ug/ml
15) T n-Hexacosane (C26)	15.838	1340503	10.169 ug/ml
16) T n-Octacosane (C28)	16.786	1356166	10.205 ug/ml
17) T n-Tricontane (C30)	17.669	1387537	10.311 ug/ml
18) T n-Dotriacontane (C32)	18.500	1424722	10.420 ug/ml
19) T n-Tetratriacontane (C34)	19.280	1389036	10.378 ug/ml
20) T n-Hexatriacontane (C36)	20.017	1279701	10.244 ug/ml
21) T n-Octatriacontane (C38)	20.743	1213770	10.013 ug/ml
22) T n-Tetracontane (C40)	21.635	1142214	9.831 ug/ml

(f)=RT Delta > 1/2 Window

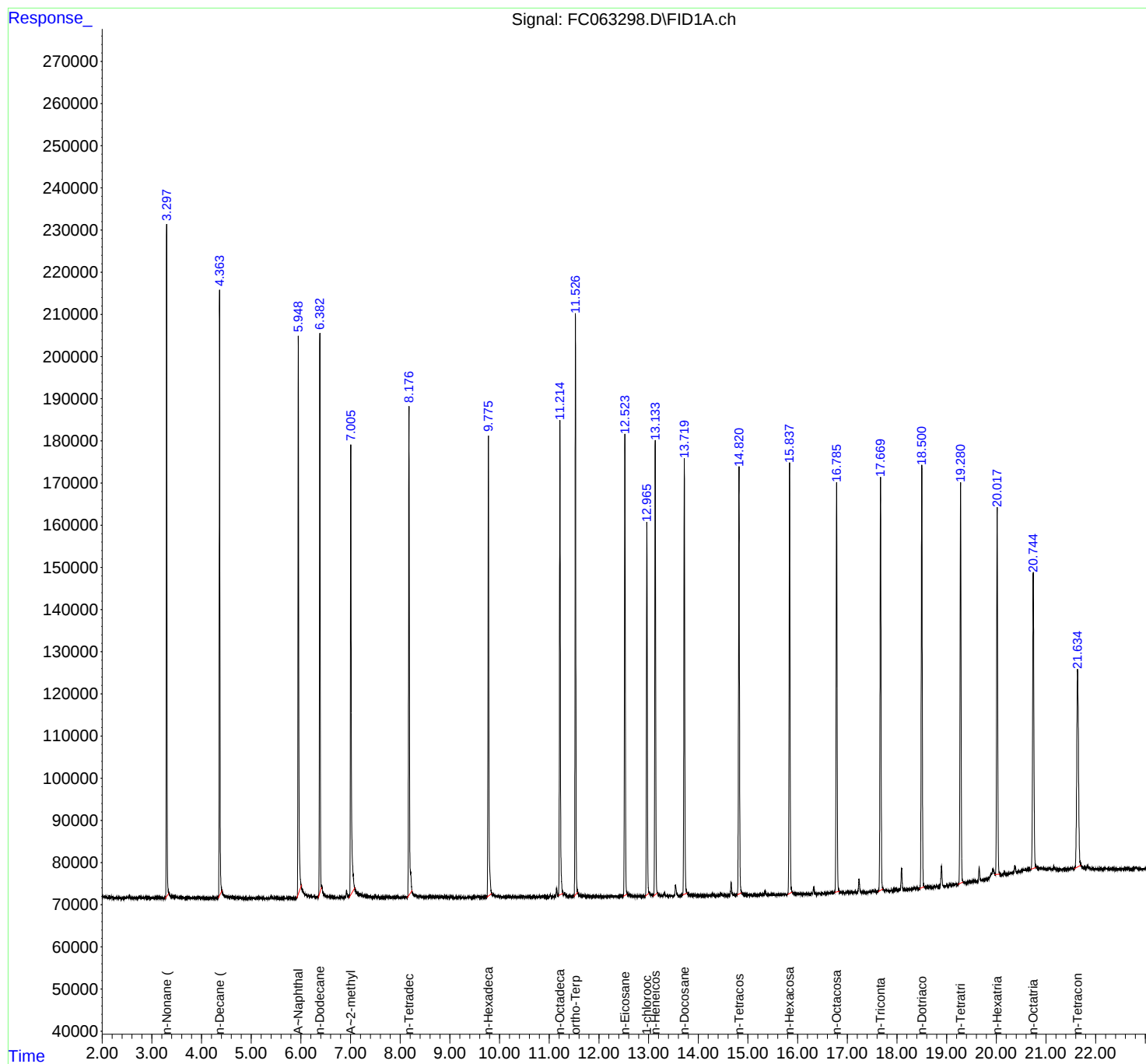
(m)=manual int.

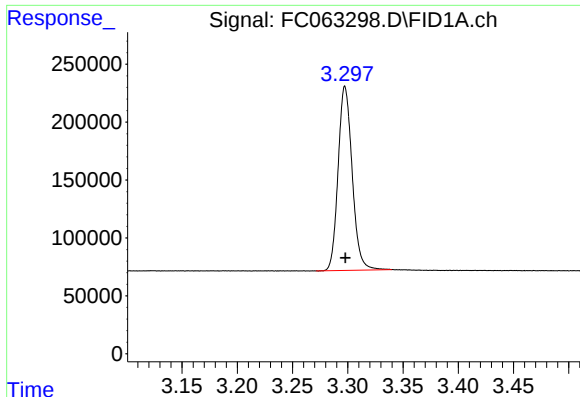
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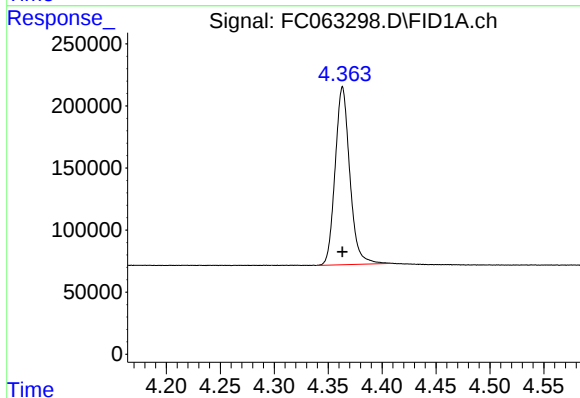




#1 n-Nonane (C9)

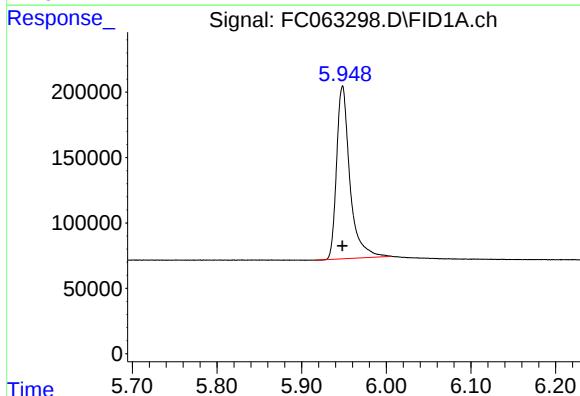
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 1409726
Conc: 10.17 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



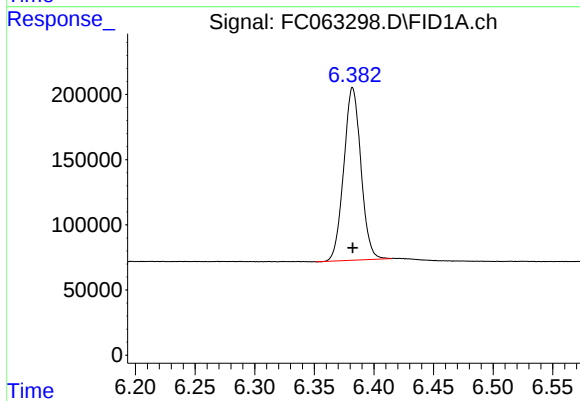
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1354327
Conc: 10.02 ug/ml



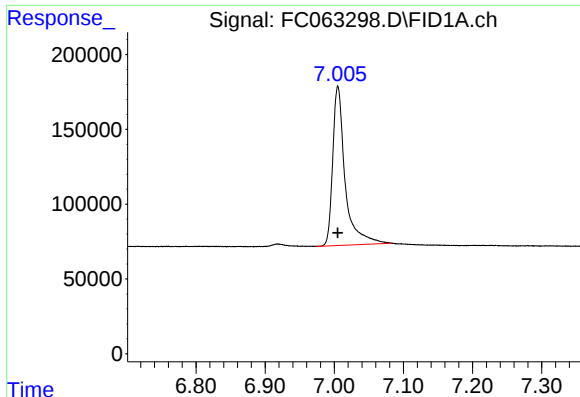
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 1442915
Conc: 9.61 ug/ml



#4 n-Dodecane (C12)

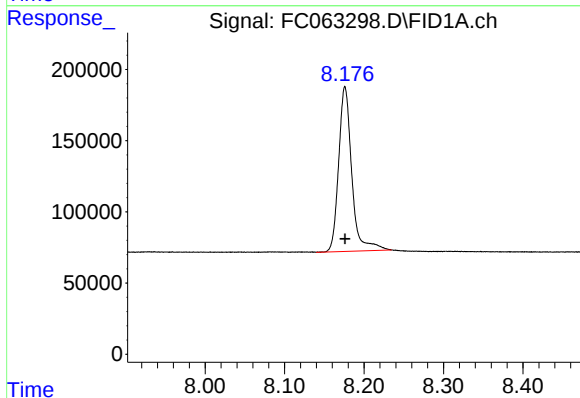
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 1326614
Conc: 9.91 ug/ml



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

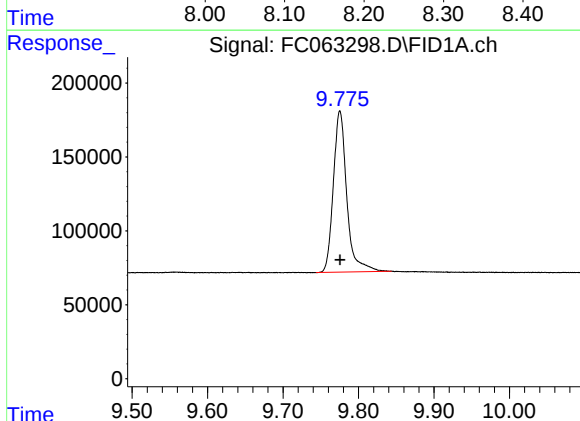
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 1325324
Conc: 9.54 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



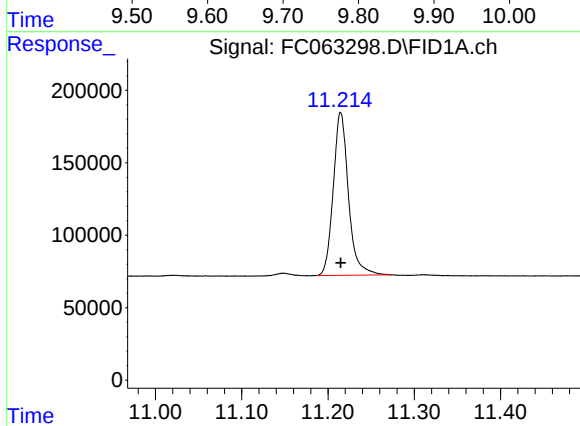
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1326737
Conc: 9.93 ug/ml



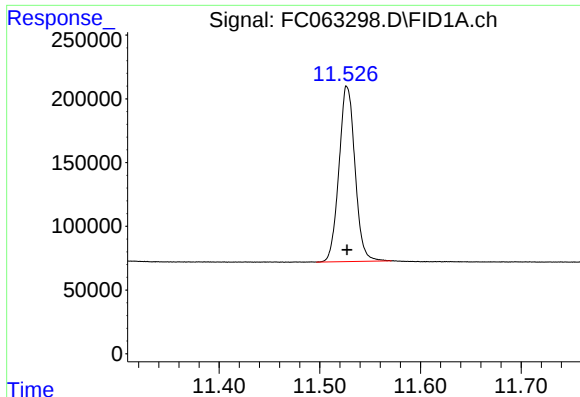
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 1350694
Conc: 10.02 ug/ml



#8 n-Octadecane (C18)

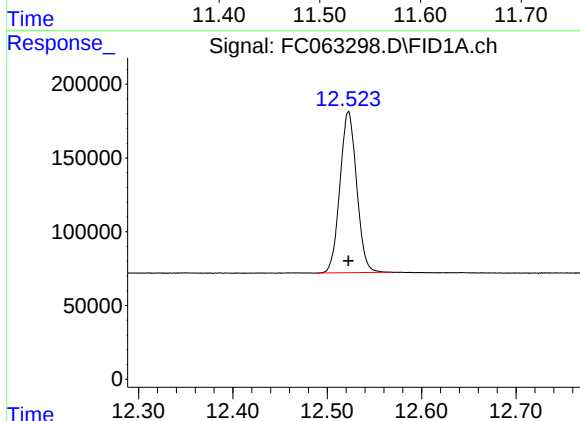
R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 1377610
Conc: 10.11 ug/ml



#9 ortho-Terphenyl (SURR)

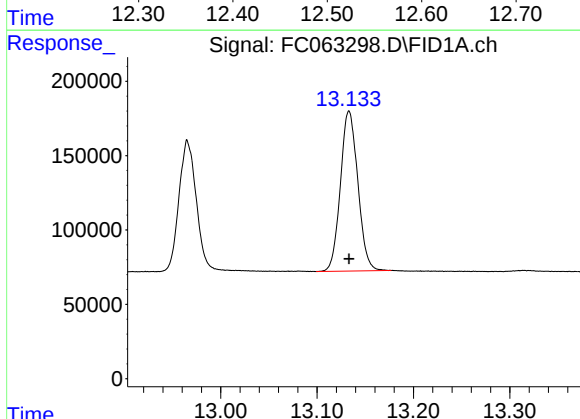
R.T.: 11.527 min
Delta R.T.: 0.000 min
Response: 1520263
Conc: 10.18 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



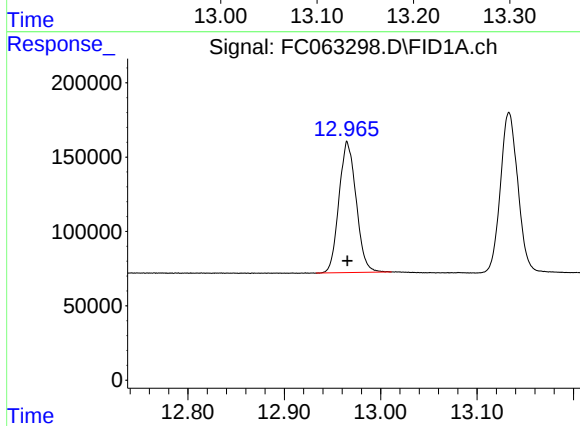
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 1343964
Conc: 10.18 ug/ml



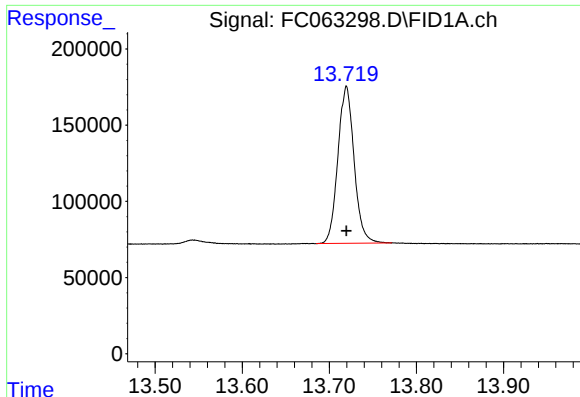
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 1349264
Conc: 10.20 ug/ml



#12 1-chlorooctadecane (SURR)

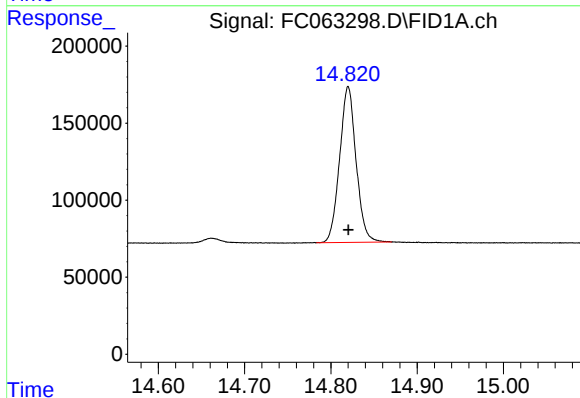
R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 1089718
Conc: 9.90 ug/ml



#13 n-Docosane (C22)

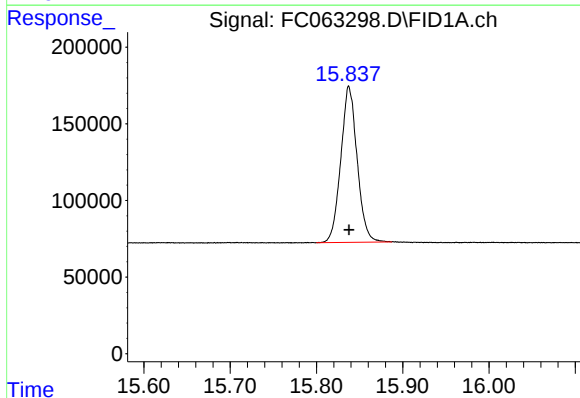
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 1334187
Conc: 10.16 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



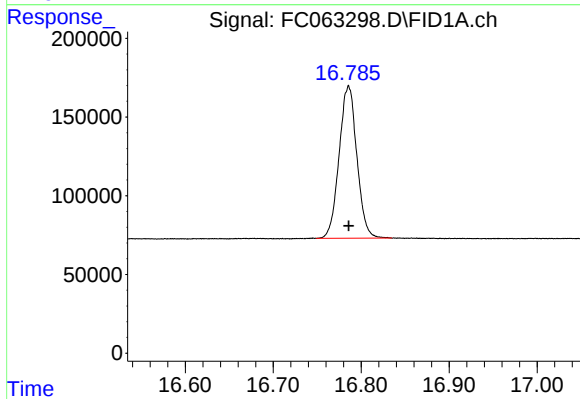
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.000 min
Response: 1345462
Conc: 10.15 ug/ml



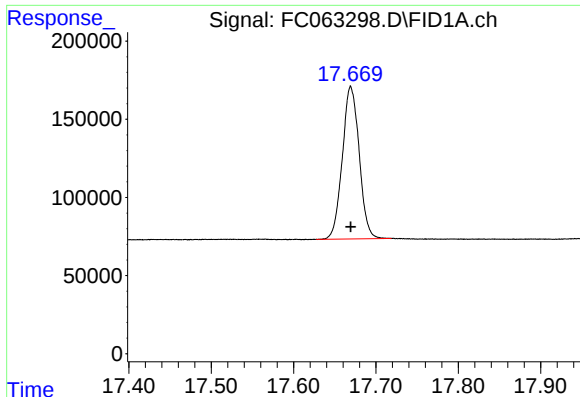
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.000 min
Response: 1340503
Conc: 10.17 ug/ml



#16 n-Octacosane (C28)

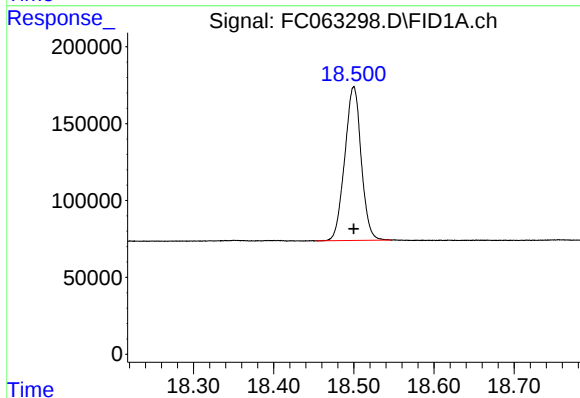
R.T.: 16.786 min
Delta R.T.: 0.000 min
Response: 1356166
Conc: 10.20 ug/ml



#17 n-Tricontane (C30)

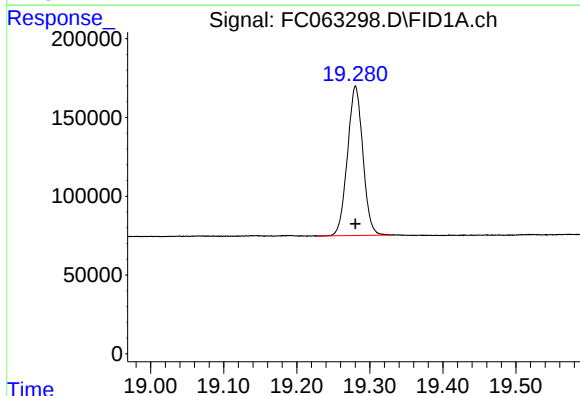
R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 1387537
Conc: 10.31 ug/ml

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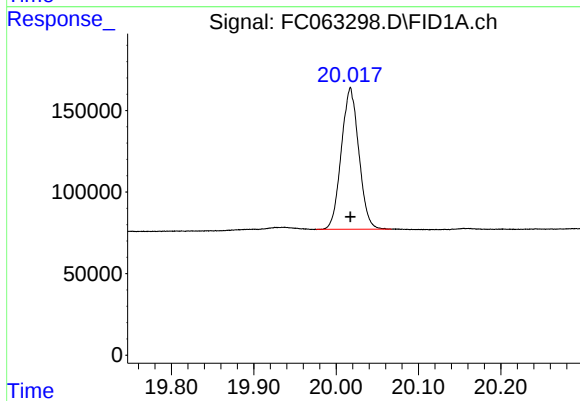
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 1424722
Conc: 10.42 ug/ml



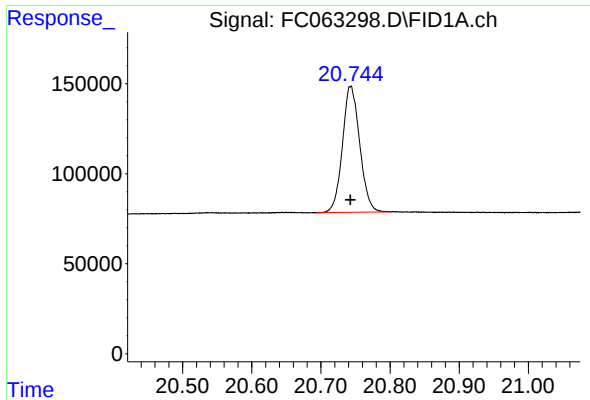
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.000 min
Response: 1389036
Conc: 10.38 ug/ml



#20 n-Hexatriacontane (C36)

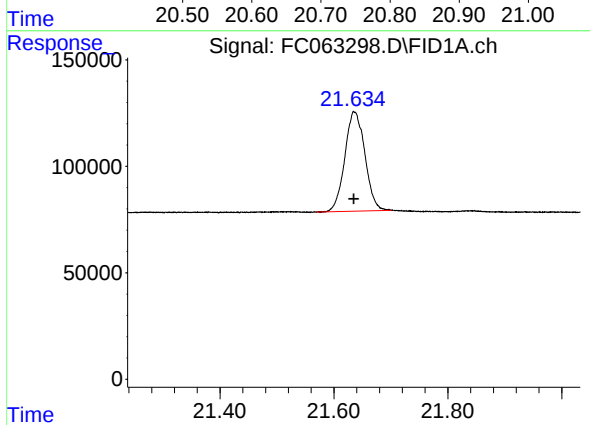
R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 1279701
Conc: 10.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 1213770
Conc: 10.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: 0.000 min
Response: 1142214
Conc: 9.83 ug/ml