

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC062010.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2022 03:01
 Operator : YP/AJ
 Sample : N5219-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BACKYARD-SURFACE-AMS

Integration File: autoint1.e
 Quant Time: Oct 29 04:54:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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...	13.025	4671140	40.095 ug/ml
Spiked Amount 50.000		Recovery =	80.19%
Target Compounds			
1) T n-Nonane (C9)	3.351	3021509	21.481 ug/ml
2) T n-Decane (C10)	4.418	3660738	25.645 ug/ml
4) T n-Dodecane (C12)	6.434	4375319	30.139 ug/ml
6) T n-Tetradecane (C14)	8.230	4659886	32.057 ug/ml
7) T n-Hexadecane (C16)	9.830	4830050	33.168 ug/ml
8) T n-Octadecane (C18)	11.271	4959430	34.312 ug/ml
10) T n-Eicosane (C20)	12.580	4738961	33.577 ug/ml
11) T n-Heneicosane (C21)	13.192	4671058	33.664 ug/ml
13) T n-Docosane (C22)	13.778	4573636	33.362 ug/ml
14) T n-Tetracosane (C24)	14.878	4411121	33.384 ug/ml
15) T n-Hexacosane (C26)	15.899	4244566	33.686 ug/ml
16) T n-Octacosane (C28)	16.849	4129651	34.241 ug/ml
17) T n-Tricontane (C30)	17.734	4105902	34.508 ug/ml
18) T n-Dotriacontane (C32)	18.567	4092234	34.732 ug/ml
19) T n-Tetratriacontane (C34)	19.350	4021129	35.593 ug/ml
20) T n-Hexatriacontane (C36)	20.090	3811216	33.606 ug/ml
21) T n-Octatriacontane (C38)	20.826	3730537	33.155 ug/ml
22) T n-Tetracontane (C40)	21.742	3530016	31.443 ug/ml

(f)=RT Delta > 1/2 Window

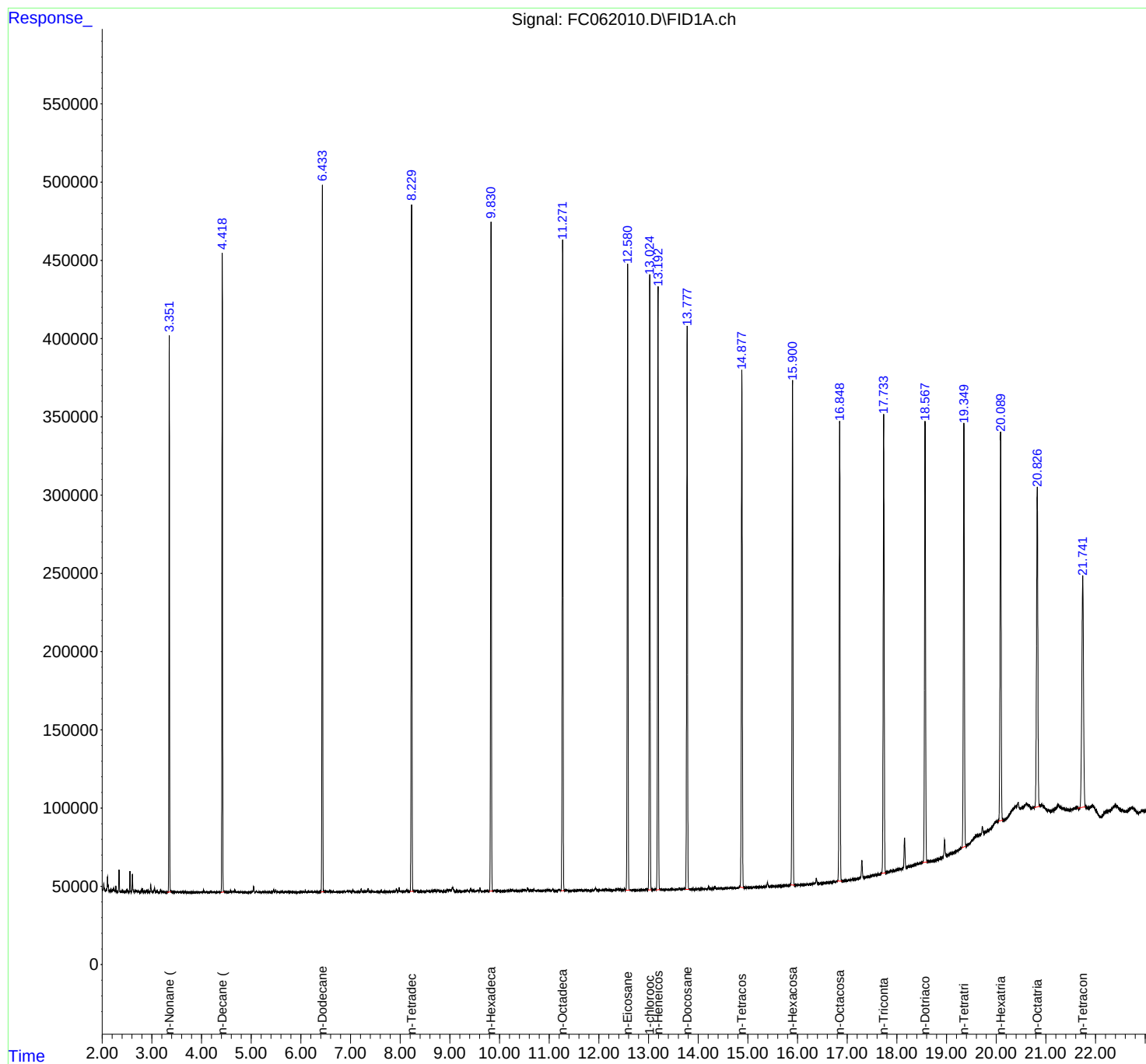
(m)=manual int.

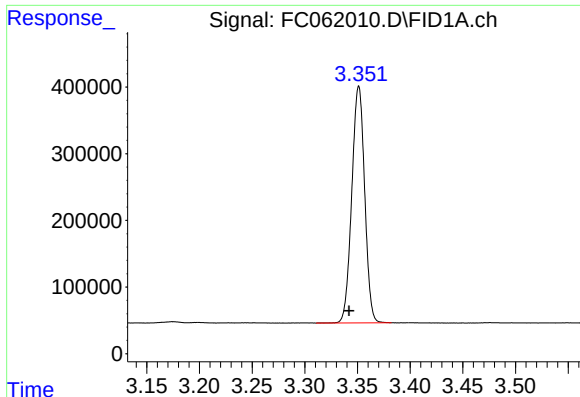
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
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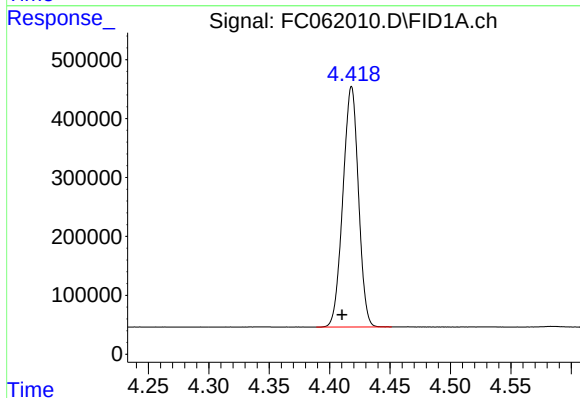




#1 n-Nonane (C9)

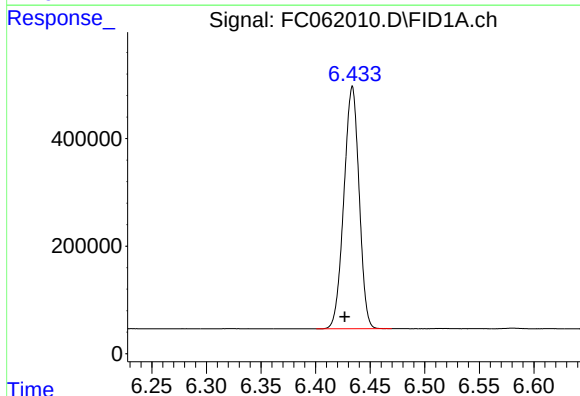
R.T.: 3.351 min
Delta R.T.: 0.009 min
Response: 3021509
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :
BACKYARD-SURFACE-AMS



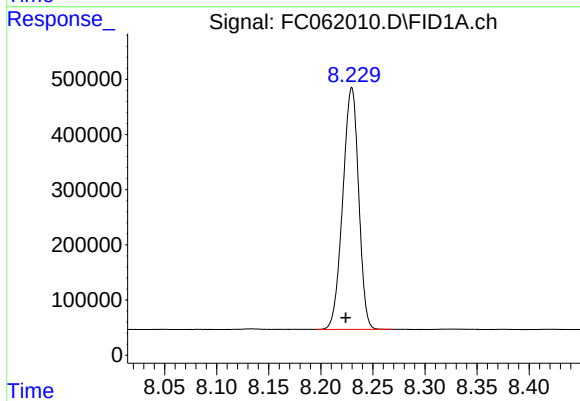
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: 0.008 min
Response: 3660738
Conc: 25.65 ug/ml



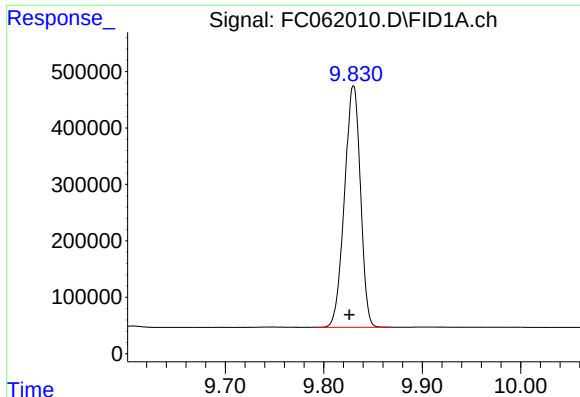
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: 0.007 min
Response: 4375319
Conc: 30.14 ug/ml



#6 n-Tetradecane (C14)

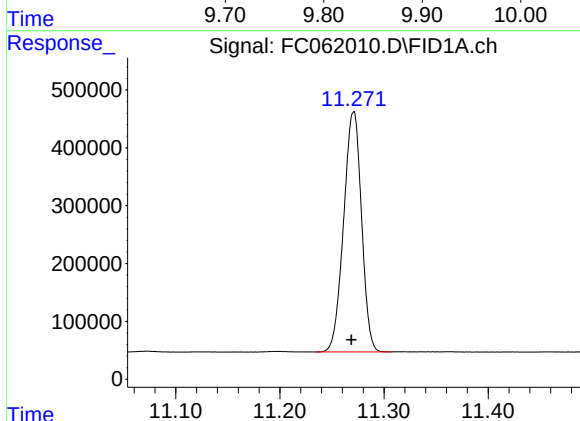
R.T.: 8.230 min
Delta R.T.: 0.006 min
Response: 4659886
Conc: 32.06 ug/ml



#7 n-Hexadecane (C16)

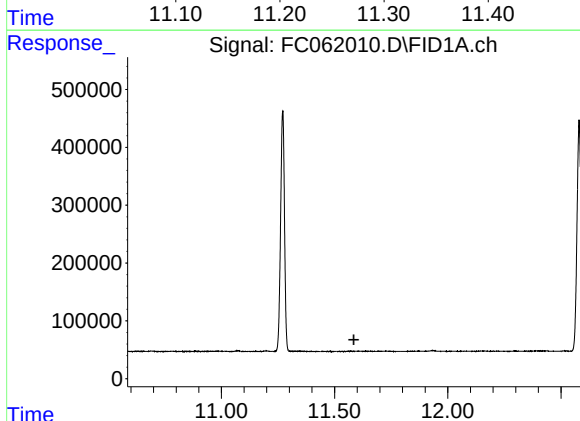
R.T.: 9.830 min
Delta R.T.: 0.004 min
Response: 4830050
Conc: 33.17 ug/ml

Instrument :
FID_C
ClientSampleId :
BACKYARD-SURFACE-AMS



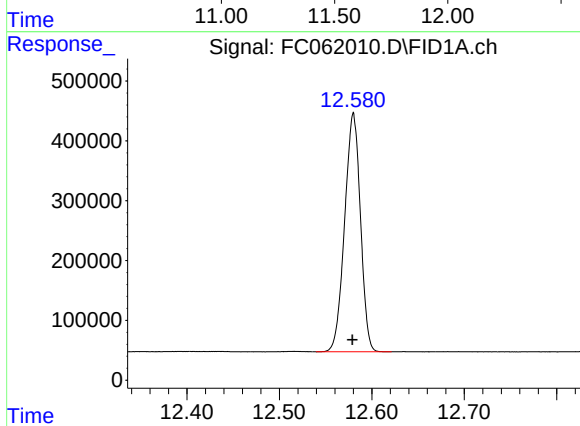
#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: 0.002 min
Response: 4959430
Conc: 34.31 ug/ml



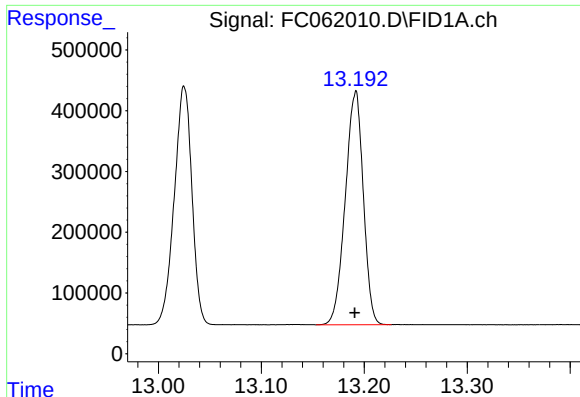
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.585 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

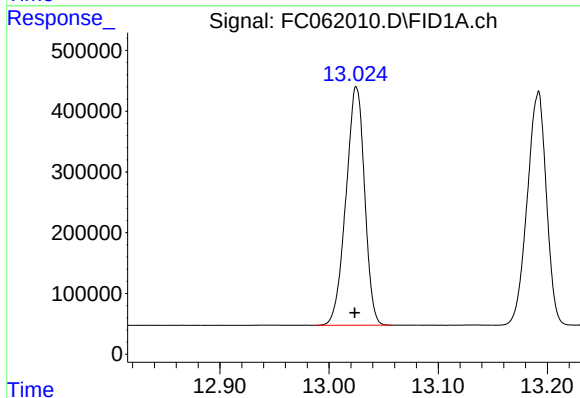
R.T.: 12.580 min
Delta R.T.: 0.001 min
Response: 4738961
Conc: 33.58 ug/ml



#11 n-Heneicosane (C21)

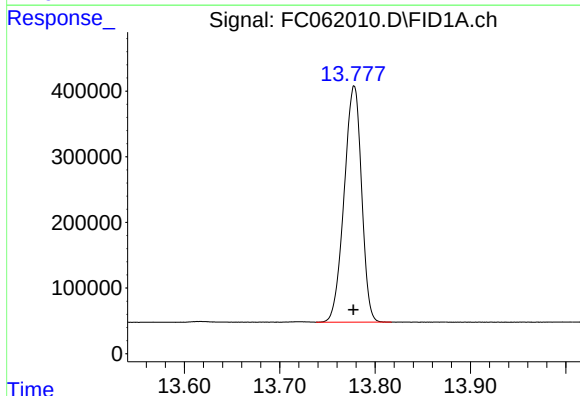
R.T.: 13.192 min
Delta R.T.: 0.000 min
Response: 4671058
Conc: 33.66 ug/ml

Instrument :
FID_C
ClientSampleId :
BACKYARD-SURFACE-AMS



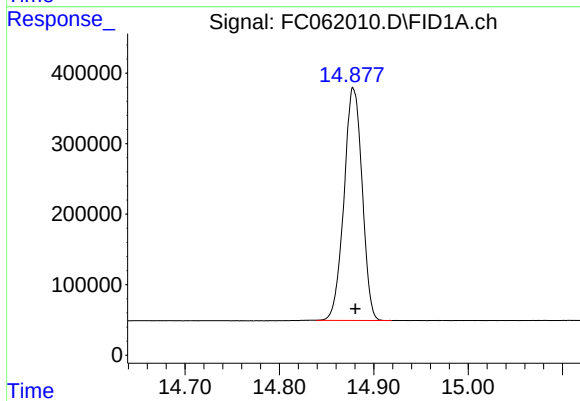
#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: 0.002 min
Response: 4671140
Conc: 40.10 ug/ml



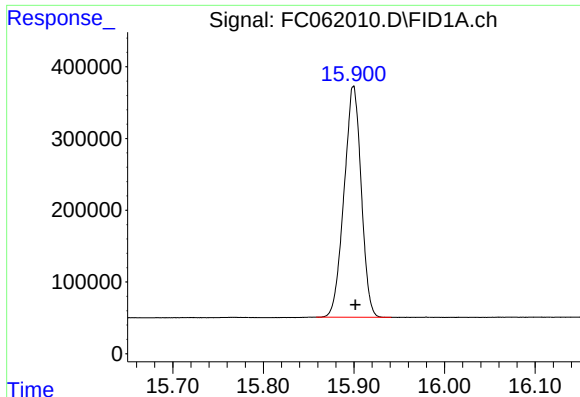
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.000 min
Response: 4573636
Conc: 33.36 ug/ml



#14 n-Tetracosane (C24)

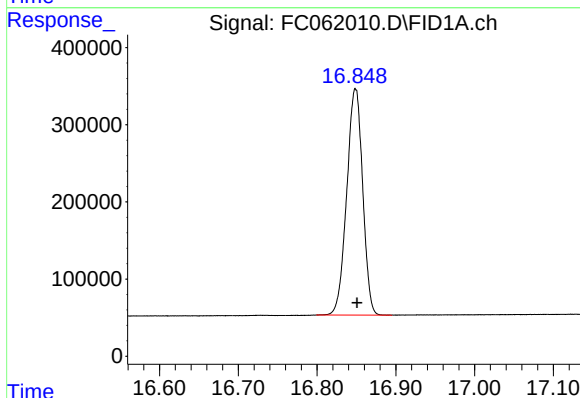
R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 4411121
Conc: 33.38 ug/ml



#15 n-Hexacosane (C26)

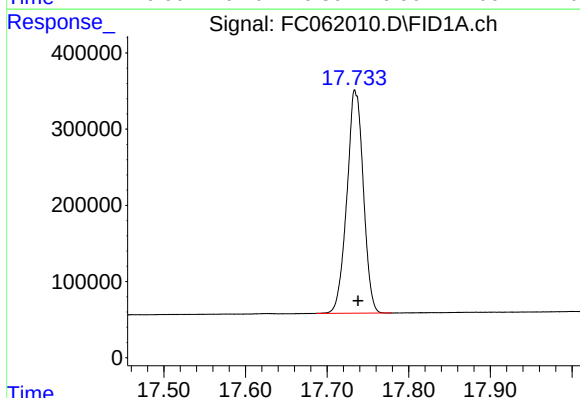
R.T.: 15.899 min
Delta R.T.: -0.002 min
Response: 4244566
Conc: 33.69 ug/ml

Instrument :
FID_C
ClientSampleId :
BACKYARD-SURFACE-AMS



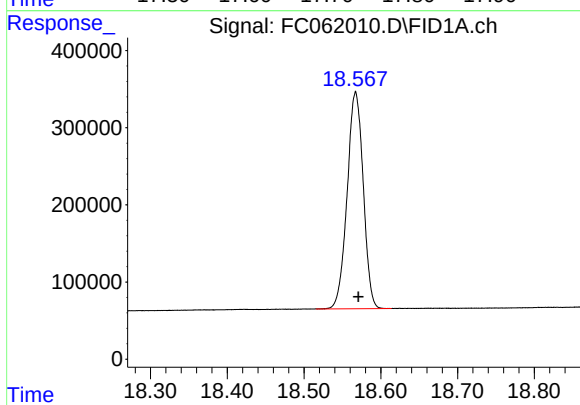
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.002 min
Response: 4129651
Conc: 34.24 ug/ml



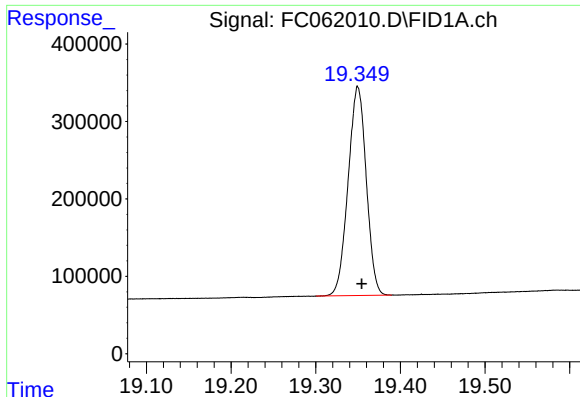
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 4105902
Conc: 34.51 ug/ml



#18 n-Dotriacontane (C32)

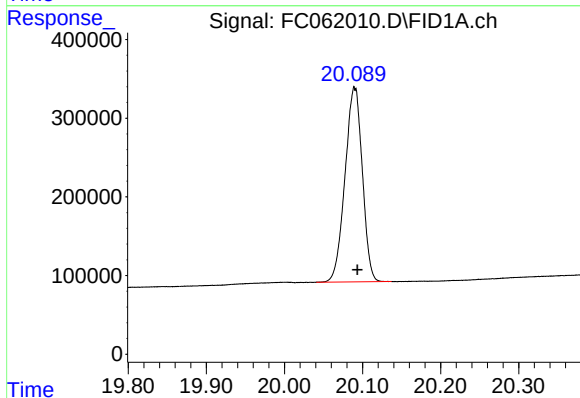
R.T.: 18.567 min
Delta R.T.: -0.004 min
Response: 4092234
Conc: 34.73 ug/ml



#19 n-Tetratriacontane (C34)

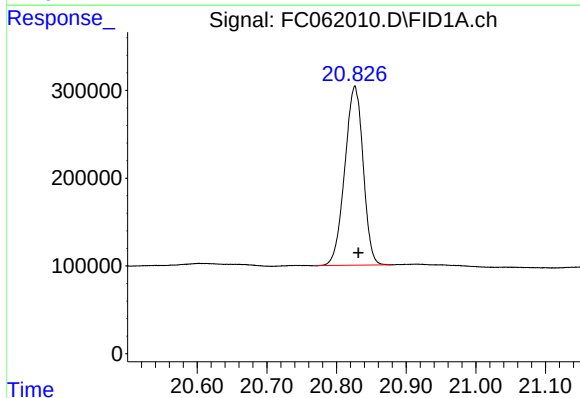
R.T.: 19.350 min
Delta R.T.: -0.005 min
Response: 4021129
Conc: 35.59 ug/ml

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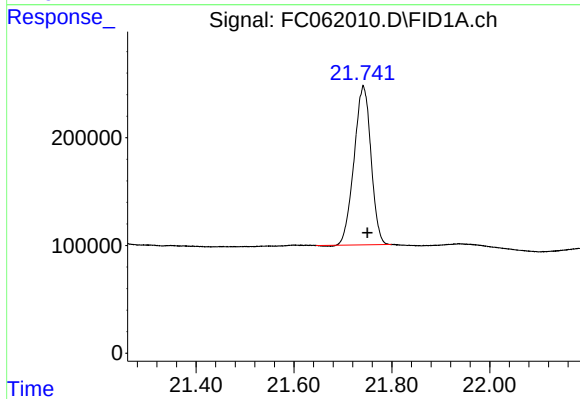
#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: -0.004 min
Response: 3811216
Conc: 33.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.005 min
Response: 3730537
Conc: 33.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.008 min
Response: 3530016
Conc: 31.44 ug/ml