

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068745.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 14:03
 Operator : YP/AJ
 Sample : PB167840BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167840BSD

Integration File: sample.E
 Quant Time: May 03 00:40:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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...	13.150	3593465	38.684 ug/ml
Spiked Amount 50.000		Recovery =	77.37%
Target Compounds			
1) T n-Nonane (C9)	3.444	2664664	25.300 ug/ml
2) T n-Decane (C10)	4.520	3256140	30.905 ug/ml
4) T n-Dodecane (C12)	6.546	3694008	35.126 ug/ml
6) T n-Tetradecane (C14)	8.344	4176380	40.625 ug/ml
7) T n-Hexadecane (C16)	9.948	4665713	45.814 ug/ml
8) T n-Octadecane (C18)	11.391	4987279	49.559 ug/ml
10) T n-Eicosane (C20)	12.704	5216792	53.038 ug/ml
11) T n-Heneicosane (C21)	13.317	5011441	51.422 ug/ml
13) T n-Docosane (C22)	13.903	5009971	51.866 ug/ml
14) T n-Tetracosane (C24)	15.009	4949042	51.994 ug/ml
15) T n-Hexacosane (C26)	16.030	4854519	51.973 ug/ml
16) T n-Octacosane (C28)	16.981	4866637	53.154 ug/ml
17) T n-Tricontane (C30)	17.871	4965921	54.017 ug/ml
18) T n-Dotriacontane (C32)	18.705	4965135	54.129 ug/ml
19) T n-Tetratriacontane (C34)	19.490	4904730	54.900 ug/ml
20) T n-Hexatriacontane (C36)	20.232	4698493	52.451 ug/ml
21) T n-Octatriacontane (C38)	21.007	4599951	52.028 ug/ml
22) T n-Tetracontane (C40)	21.986	4508416	51.054 ug/ml

(f)=RT Delta > 1/2 Window

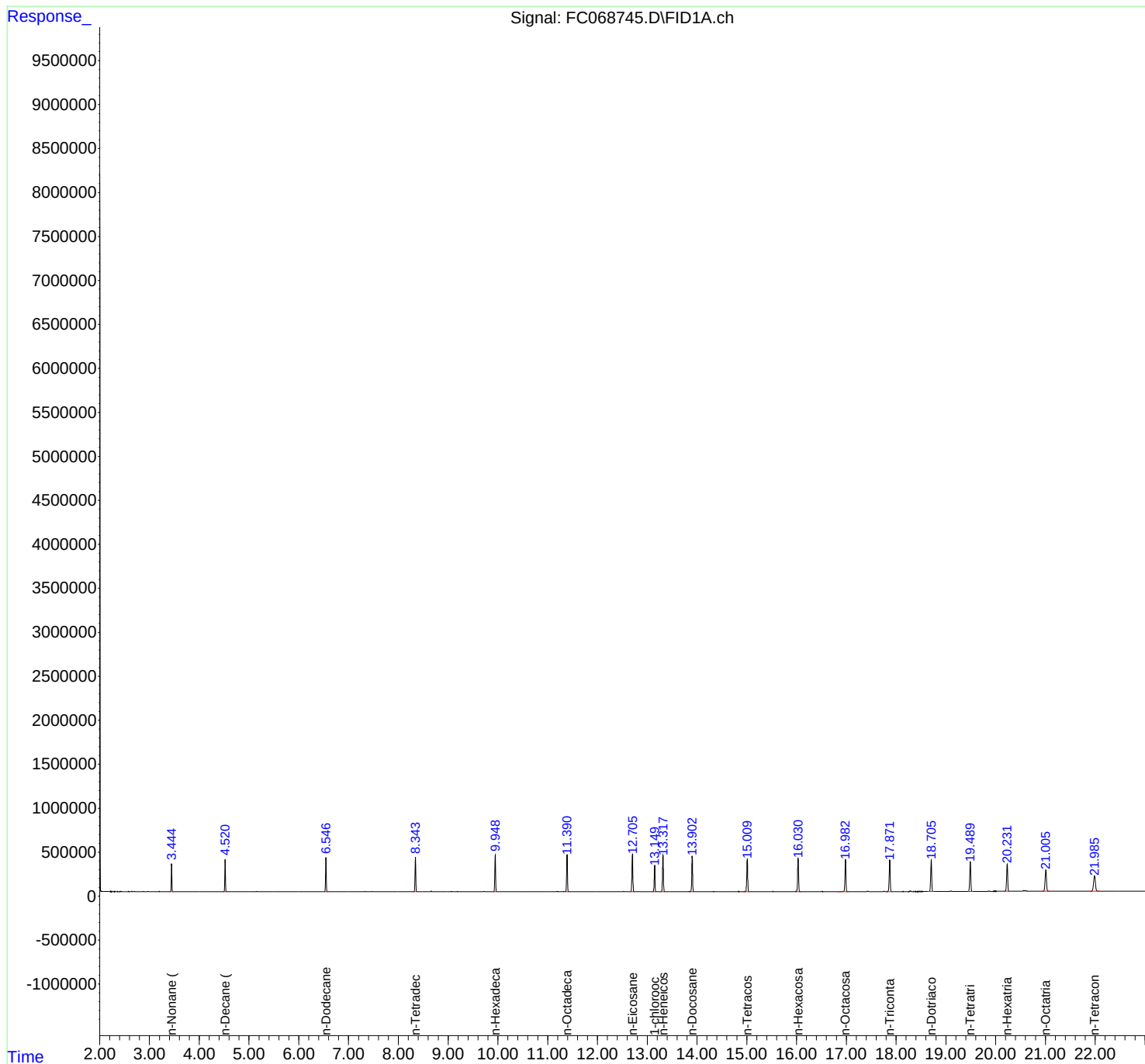
(m)=manual int.

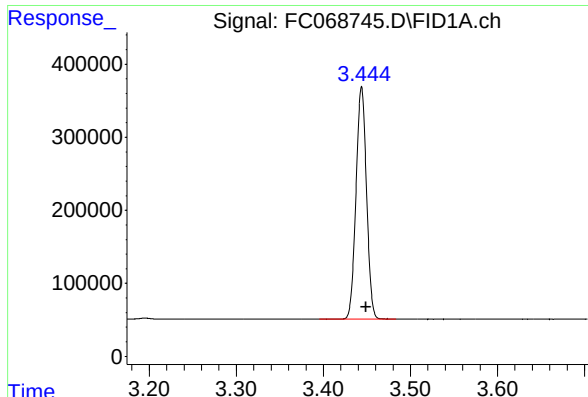
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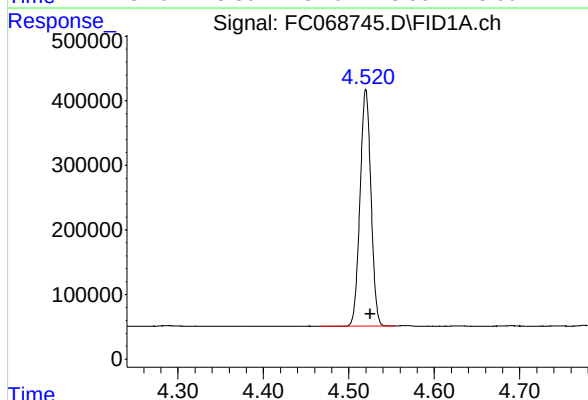




#1 n-Nonane (C9)

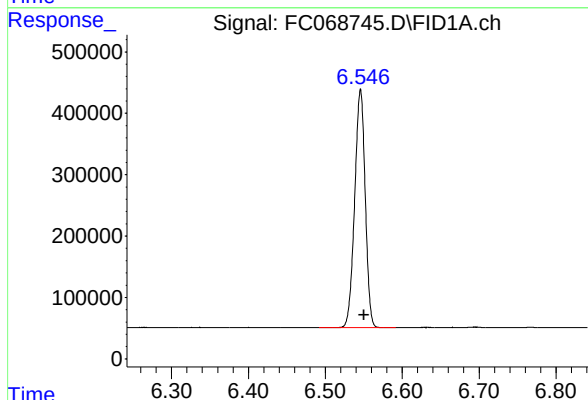
R.T.: 3.444 min
Delta R.T.: -0.005 min
Response: 2664664
Conc: 25.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167840BSD



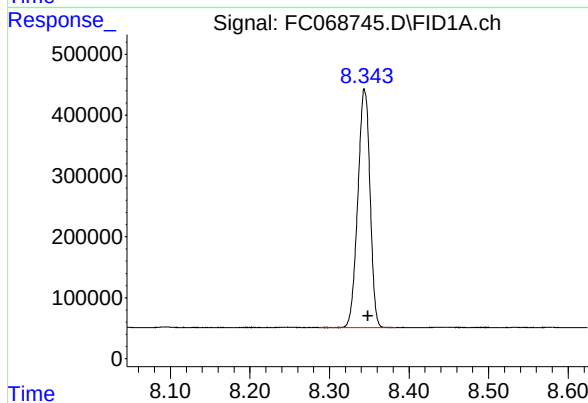
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 3256140
Conc: 30.90 ug/ml



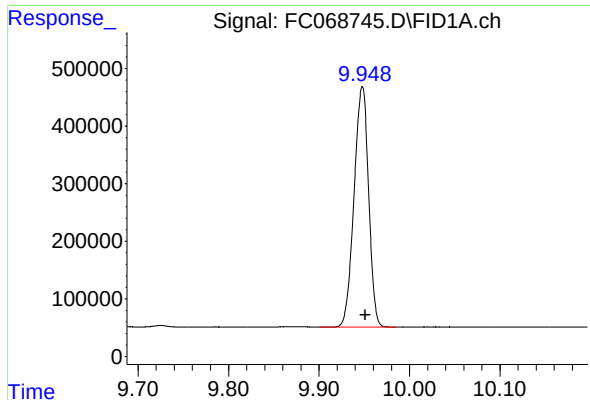
#4 n-Dodecane (C12)

R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 3694008
Conc: 35.13 ug/ml



#6 n-Tetradecane (C14)

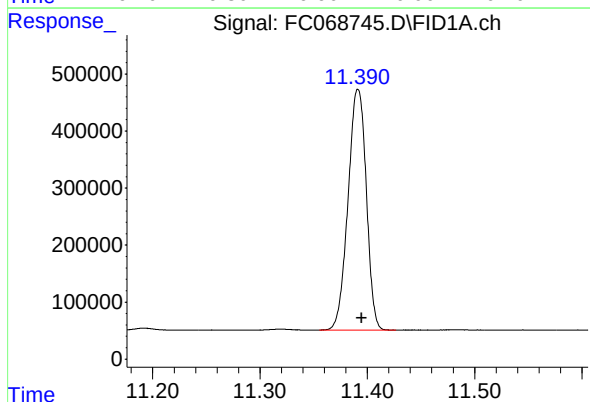
R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 4176380
Conc: 40.62 ug/ml



#7 n-Hexadecane (C16)

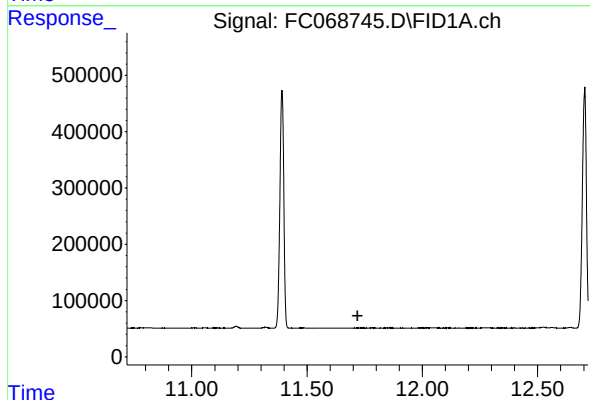
R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 4665713
Conc: 45.81 ug/ml

Instrument :
FID_C
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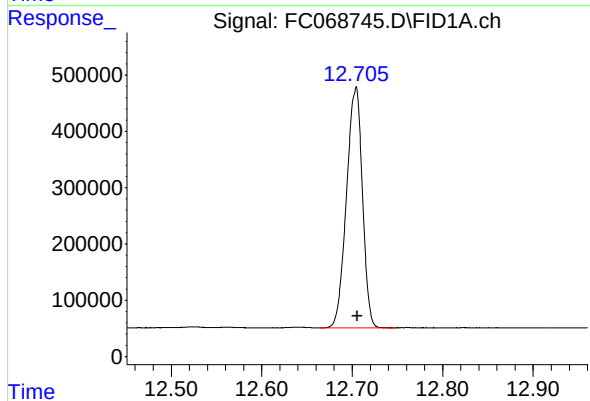
#8 n-Octadecane (C18)

R.T.: 11.391 min
Delta R.T.: -0.003 min
Response: 4987279
Conc: 49.56 ug/ml



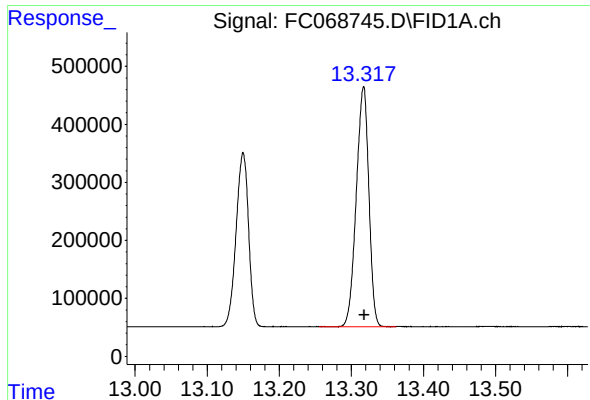
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.719 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

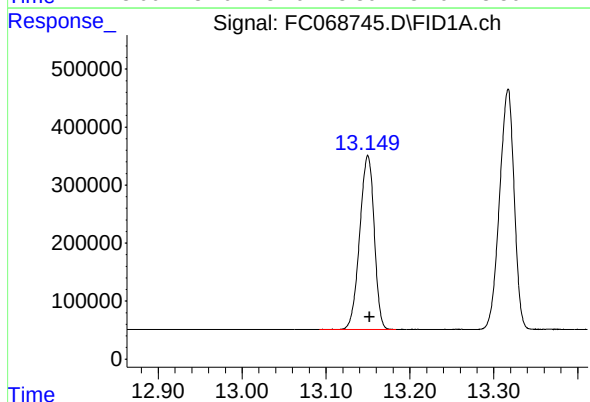
R.T.: 12.704 min
Delta R.T.: -0.002 min
Response: 5216792
Conc: 53.04 ug/ml



#11 n-Heneicosane (C21)

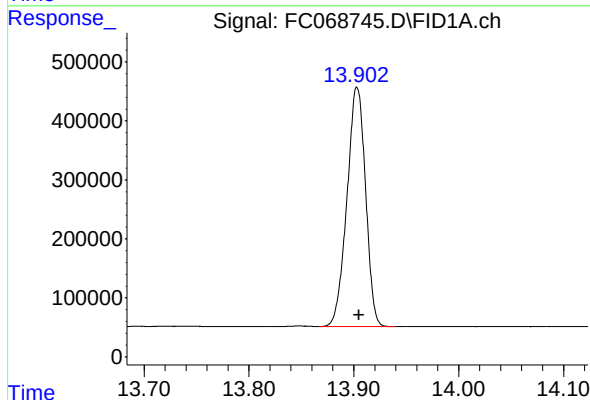
R.T.: 13.317 min
Delta R.T.: -0.001 min
Response: 5011441
Conc: 51.42 ug/ml

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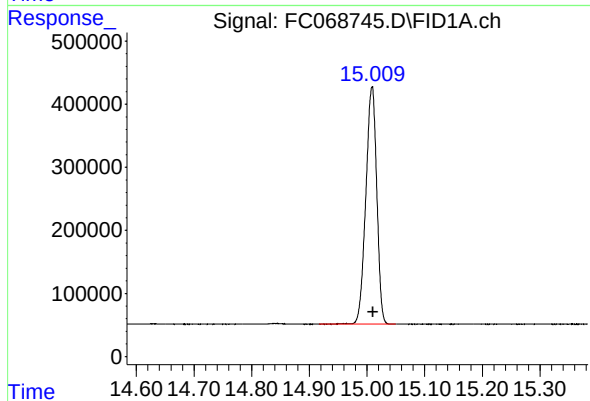
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: -0.002 min
Response: 3593465
Conc: 38.68 ug/ml



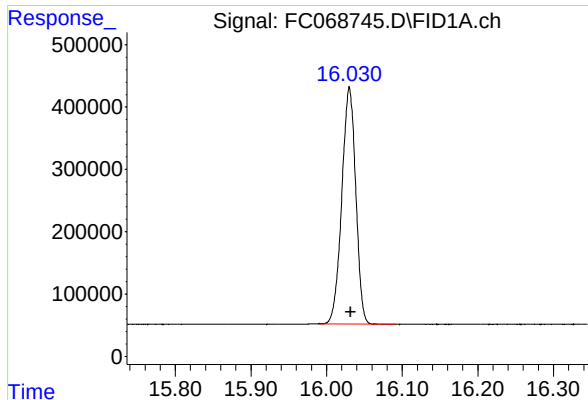
#13 n-Docosane (C22)

R.T.: 13.903 min
Delta R.T.: -0.002 min
Response: 5009971
Conc: 51.87 ug/ml



#14 n-Tetracosane (C24)

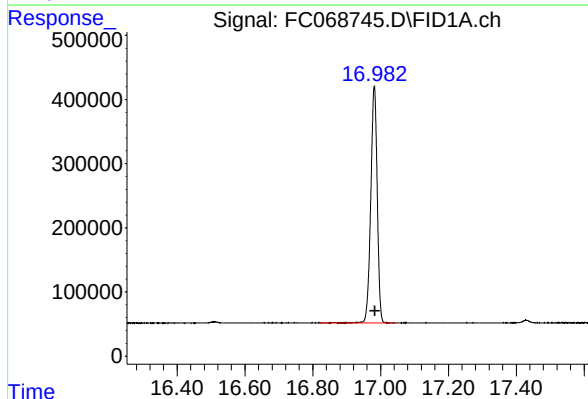
R.T.: 15.009 min
Delta R.T.: -0.001 min
Response: 4949042
Conc: 51.99 ug/ml



#15 n-Hexacosane (C26)

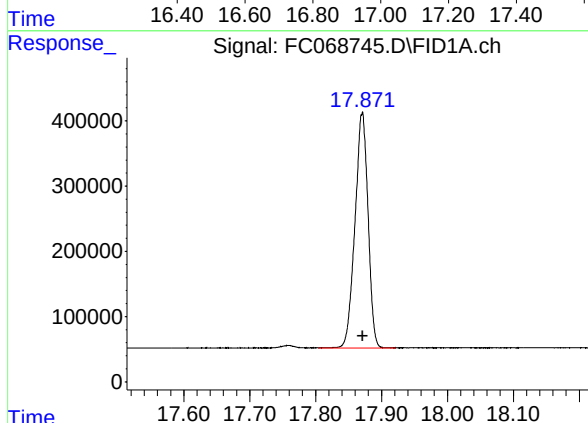
R.T.: 16.030 min
Delta R.T.: -0.002 min
Response: 4854519
Conc: 51.97 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167840BSD



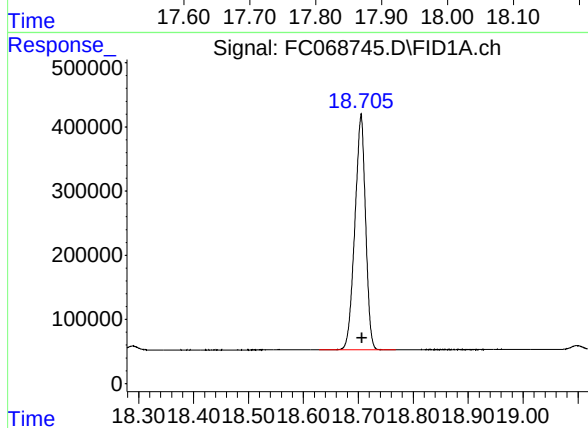
#16 n-Octacosane (C28)

R.T.: 16.981 min
Delta R.T.: -0.002 min
Response: 4866637
Conc: 53.15 ug/ml



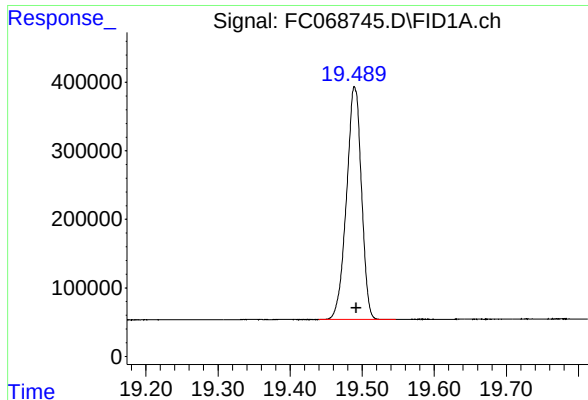
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 4965921
Conc: 54.02 ug/ml



#18 n-Dotriacontane (C32)

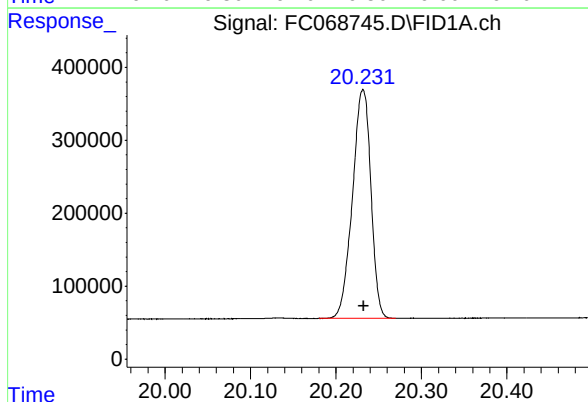
R.T.: 18.705 min
Delta R.T.: -0.002 min
Response: 4965135
Conc: 54.13 ug/ml



#19 n-Tetratriacontane (C34)

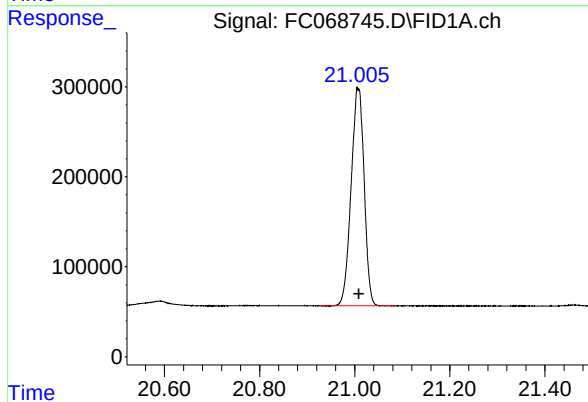
R.T.: 19.490 min
Delta R.T.: -0.002 min
Response: 4904730
Conc: 54.90 ug/ml

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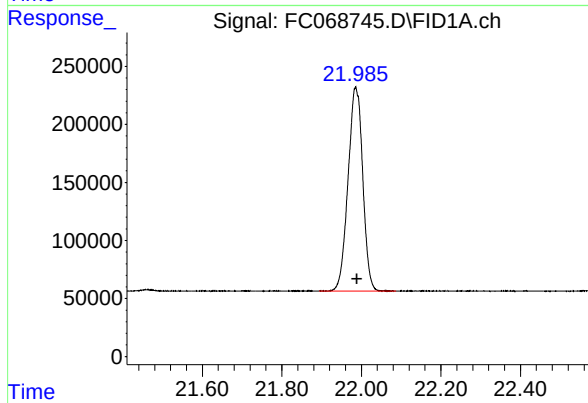
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 4698493
Conc: 52.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.007 min
Delta R.T.: -0.002 min
Response: 4599951
Conc: 52.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.003 min
Response: 4508416
Conc: 51.05 ug/ml