

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011023AL\
 Data File : FC062607.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jan 2023 17:00
 Operator : YP/AJ
 Sample : PB150137BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB150137BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2023
 Supervised By :Ankita Jodhani 01/11/2023

Integration File: autoint1.e
 Quant Time: Jan 11 05:48:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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...	12.997	3724861	35.361 ug/ml
Spiked Amount 50.000		Recovery =	70.72%
Target Compounds			
1) T n-Nonane (C9)	3.315	1131066	8.458 ug/ml
2) T n-Decane (C10)	4.382	1278674	9.859 ug/ml
4) T n-Dodecane (C12)	6.403	1308450	10.181 ug/ml
6) T n-Tetradecane (C14)	8.199	1134398	8.812 ug/ml
7) T n-Hexadecane (C16)	9.800	1065909	8.254 ug/ml
8) T n-Octadecane (C18)	11.243	1062146	8.202 ug/ml
10) T n-Eicosane (C20)	12.551	949914	7.697 ug/ml
11) T n-Heneicosane (C21)	13.161	871188	7.108 ug/ml
13) T n-Docosane (C22)	13.748	835204	6.986 ug/ml
14) T n-Tetracosane (C24)	14.849	802459	6.890 ug/ml
15) T n-Hexacosane (C26)	15.870	649325	5.780 ug/ml
16) T n-Octacosane (C28)	16.819	581981	5.300 ug/ml
17) T n-Tricontane (C30)	17.703	544748	5.030 ug/ml
18) T n-Dotriacontane (C32)	18.534	654308	5.993 ug/ml
19) T n-Tetratriacontane (C34)	19.316	1208652	11.117 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2174942	19.553 ug/mlm
21) T n-Octatriacontane (C38)	20.788	3355039	31.680 ug/ml
22) T n-Tetracontane (C40)	21.696	3985068	37.420 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB150137BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

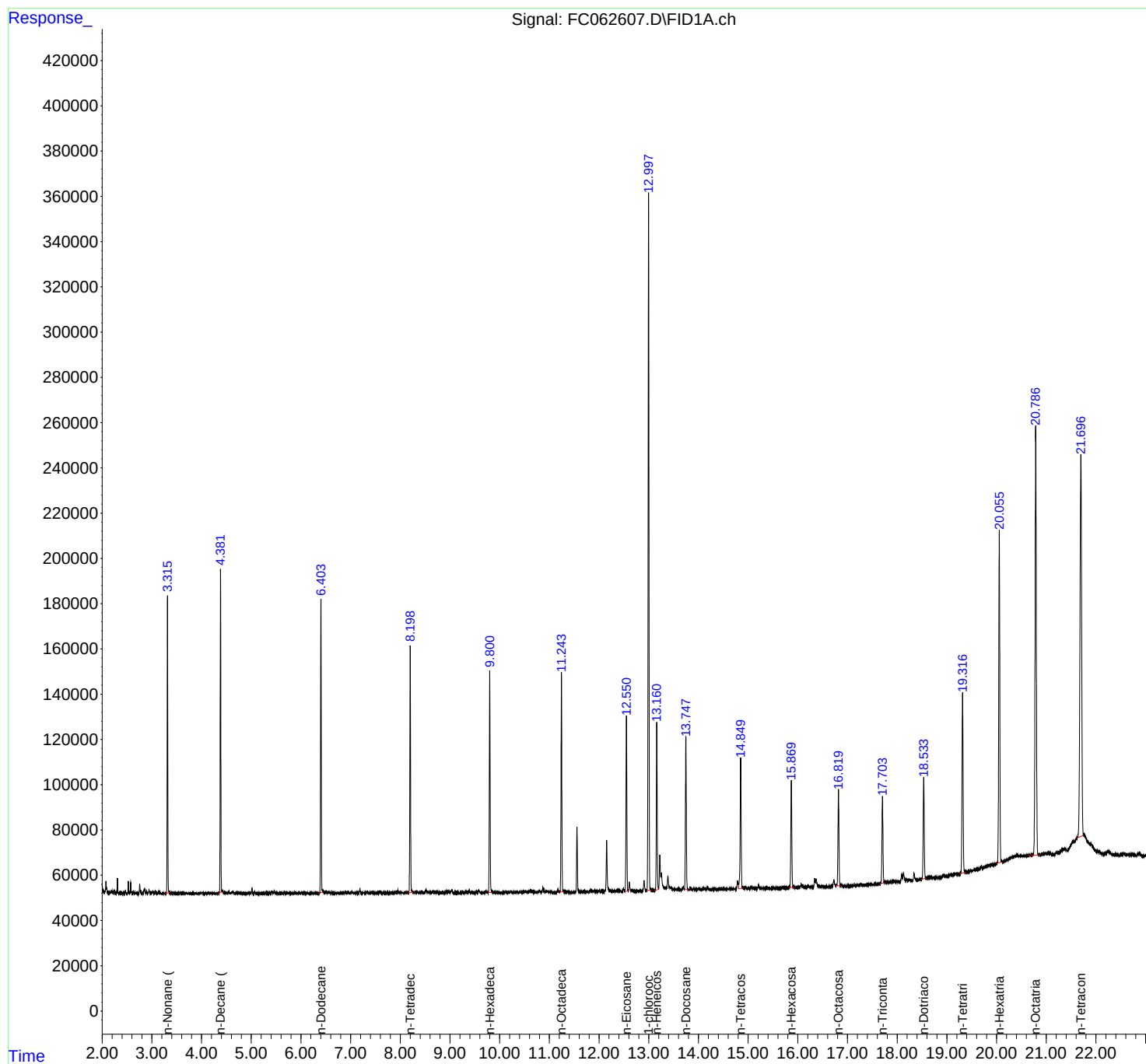
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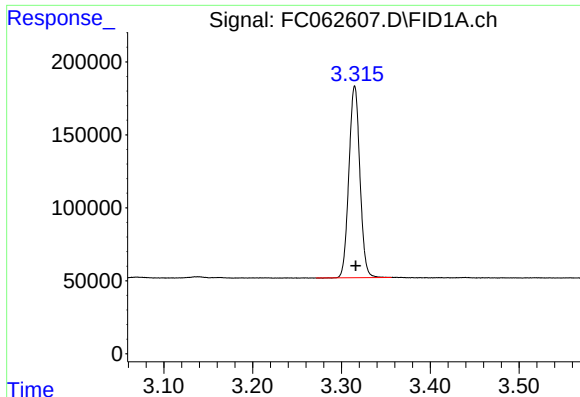
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.001 min
Response: 1131066
Conc: 8.46 ug/ml

Instrument :

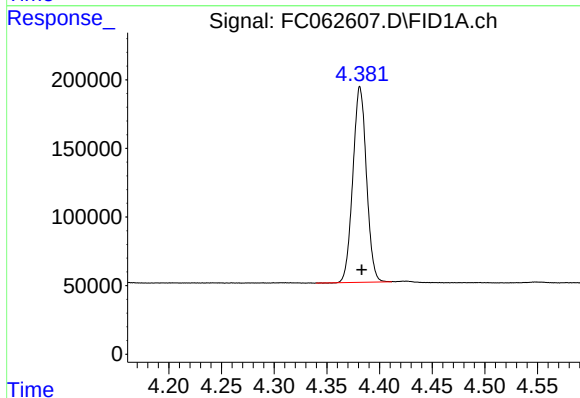
FID_C

ClientSampleId :

PB150137BS

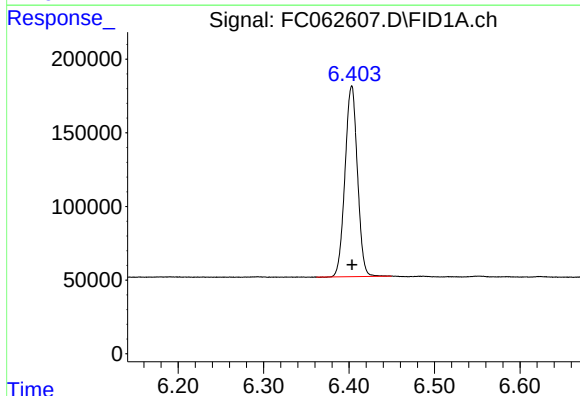
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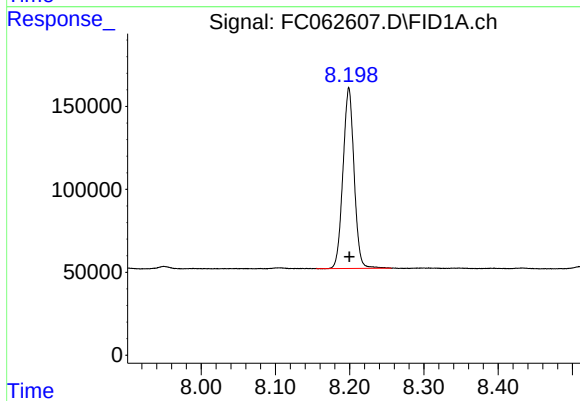
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.002 min
Response: 1278674
Conc: 9.86 ug/ml



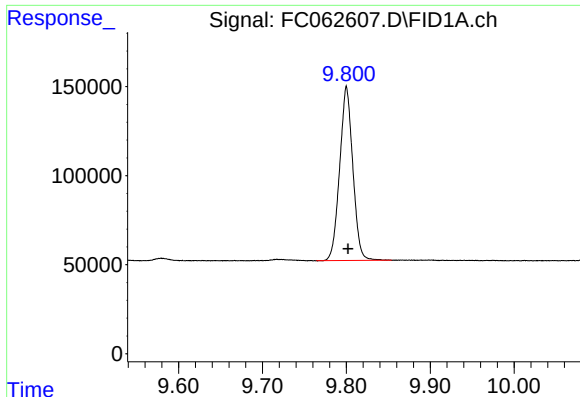
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 1308450
Conc: 10.18 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 1134398
Conc: 8.81 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 1065909
Conc: 8.25 ug/ml

Instrument :

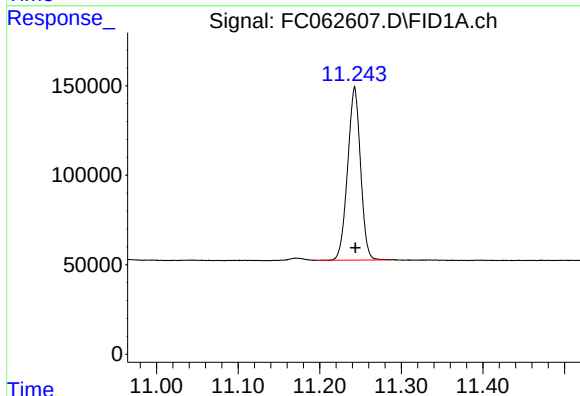
FID_C

ClientSampleId :

PB150137BS

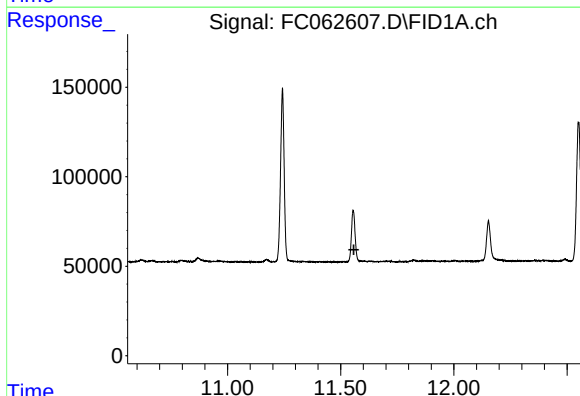
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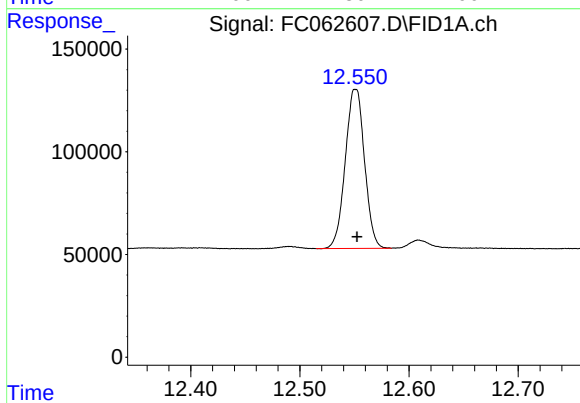
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 1062146
Conc: 8.20 ug/ml



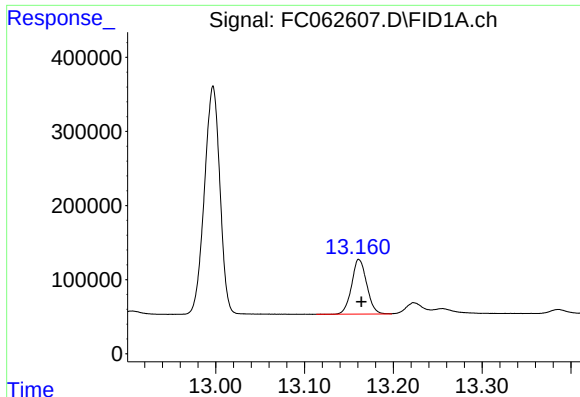
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.558 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.001 min
Response: 949914
Conc: 7.70 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.003 min
Response: 871188
Conc: 7.11 ug/ml

Instrument :

FID_C

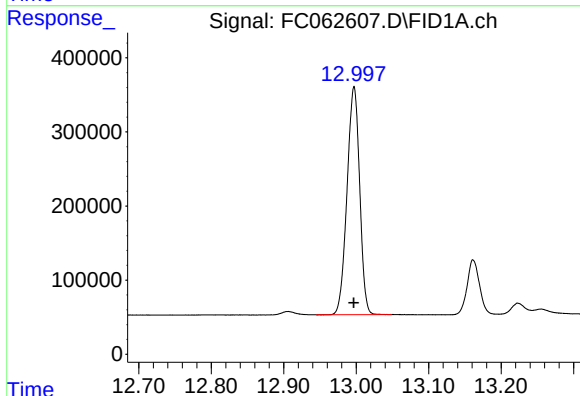
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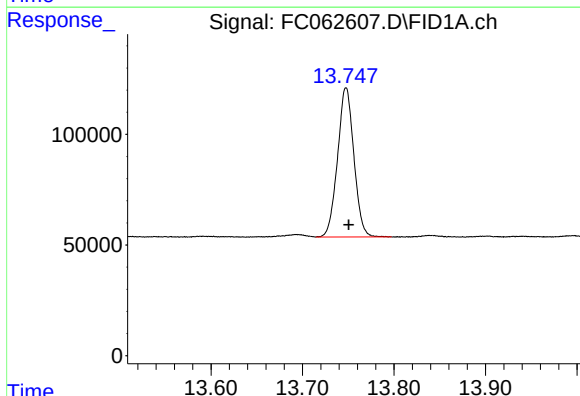
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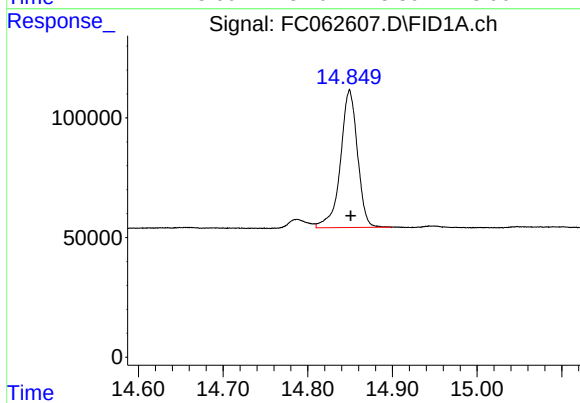
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 3724861
Conc: 35.36 ug/ml



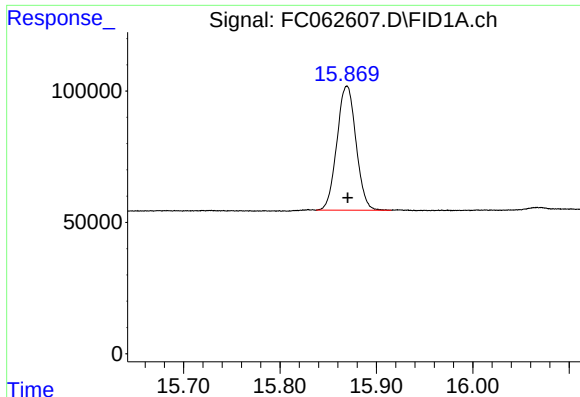
#13 n-Docosane (C22)

R.T.: 13.748 min
Delta R.T.: -0.003 min
Response: 835204
Conc: 6.99 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.001 min
Response: 802459
Conc: 6.89 ug/ml



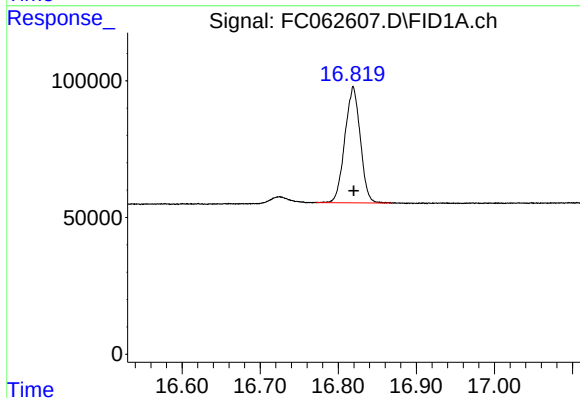
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: 0.000 min
Response: 649325
Conc: 5.78 ug/ml

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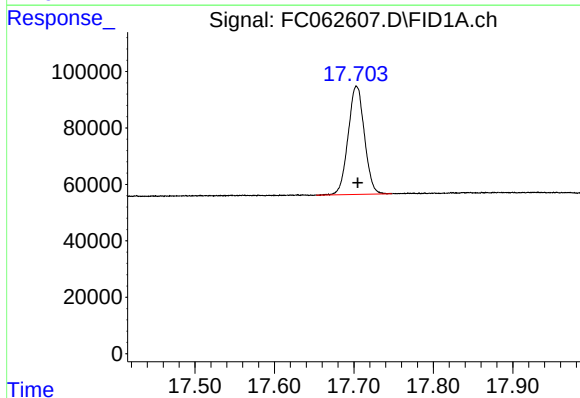
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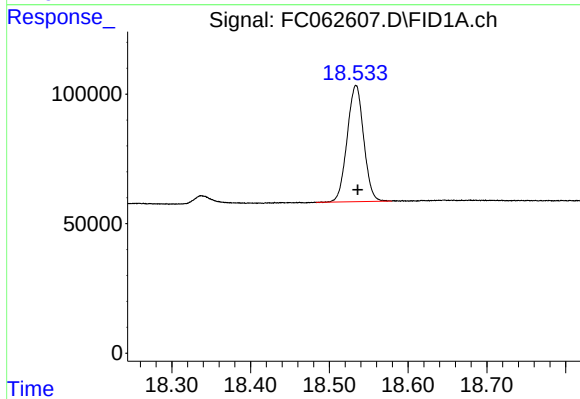
#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: 0.000 min
Response: 581981
Conc: 5.30 ug/ml



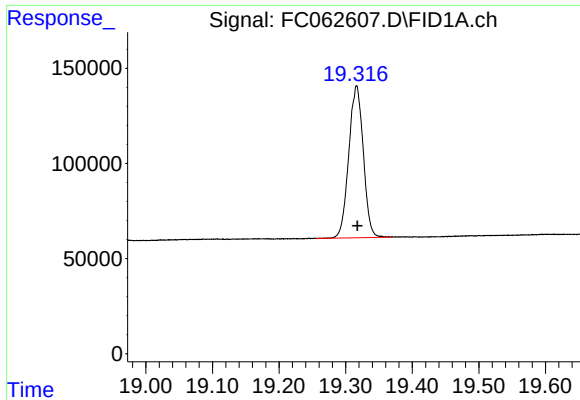
#17 n-Tricontane (C30)

R.T.: 17.703 min
Delta R.T.: -0.002 min
Response: 544748
Conc: 5.03 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.002 min
Response: 654308
Conc: 5.99 ug/ml



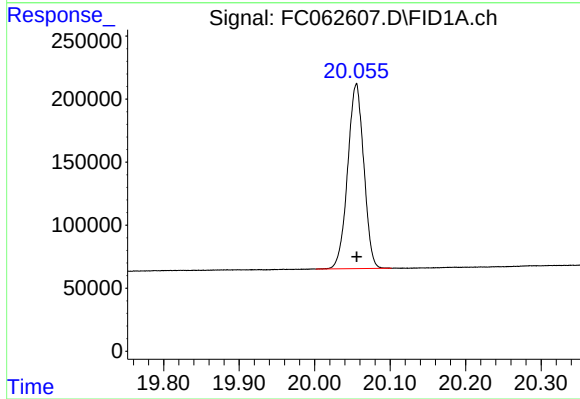
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: 0.000 min
Response: 1208652
Conc: 11.12 ug/ml

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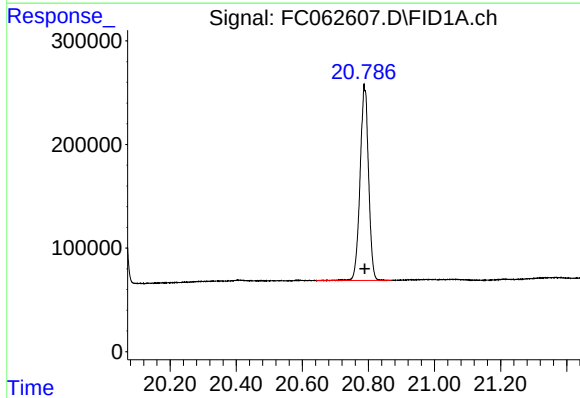
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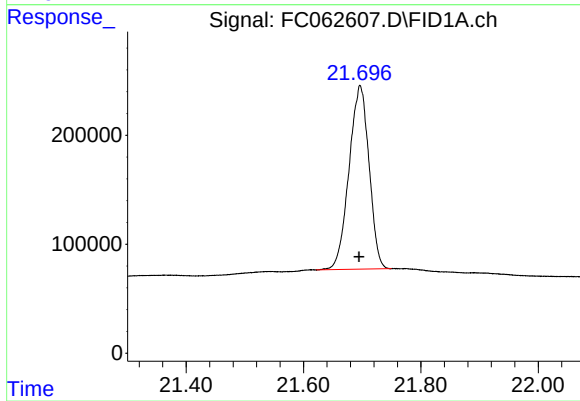
#20 n-Hexatriacontane (C36)

R.T.: 20.055 min
Delta R.T.: 0.000 min
Response: 2174942
Conc: 19.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: 0.000 min
Response: 3355039
Conc: 31.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: 0.000 min
Response: 3985068
Conc: 37.42 ug/ml m