

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062722AL\
 Data File : FC060471.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 00:44
 Operator : YP/AJ
 Sample : N3455-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SP-EXC-2-2-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: sample.E
 Quant Time: Jun 28 03:51:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 Qlast Update : Sat Jun 25 04:15:44 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...	12.010	5450224	36.977 ug/ml
Spiked Amount 50.000		Recovery =	73.95%
Target Compounds			
1) T n-Nonane (C9)	2.631	3412240	22.244 ug/ml
2) T n-Decane (C10)	3.626	4640785	30.388 ug/ml
4) T n-Dodecane (C12)	5.575	5807046	35.932 ug/ml
6) T n-Tetradecane (C14)	7.324	6654592	40.282 ug/mlm
7) T n-Hexadecane (C16)	8.888	7521158	44.503 ug/ml
8) T n-Octadecane (C18)	10.296	8027057	46.658 ug/ml
10) T n-Eicosane (C20)	11.576	7891933	46.241 ug/ml
11) T n-Heneicosane (C21)	12.174	8026296	47.075 ug/ml
13) T n-Docosane (C22)	12.747	8112388	47.591 ug/ml
14) T n-Tetracosane (C24)	13.822	8080087	48.124 ug/mlm
15) T n-Hexacosane (C26)	14.820	7575989	46.103 ug/mlm
16) T n-Octacosane (C28)	15.748	7169320	45.181 ug/mlm
17) T n-Tricontane (C30)	16.613	6819453	44.799 ug/mlm
18) T n-Dotriacontane (C32)	17.424	6250212	42.997 ug/ml
19) T n-Tetratriacontane (C34)	18.187	5599173	44.084 ug/ml
20) T n-Hexatriacontane (C36)	18.905	4981183	44.384 ug/mlm
21) T n-Octatriacontane (C38)	19.590	4795496	43.808 ug/mlm
22) T n-Tetracontane (C40)	20.235	4621540	40.920 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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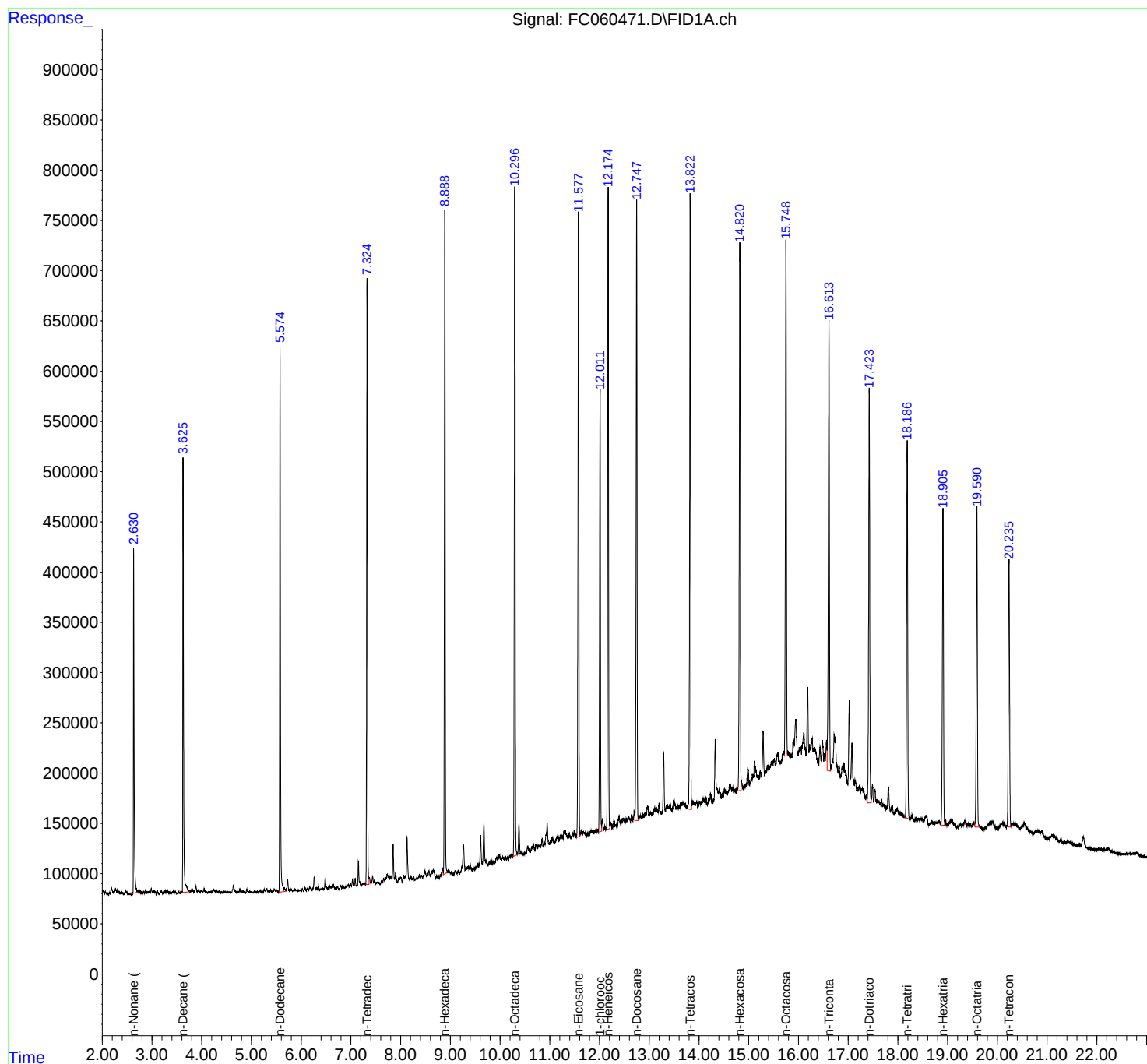
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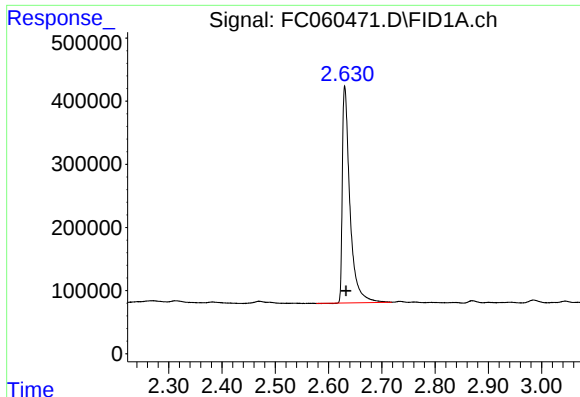
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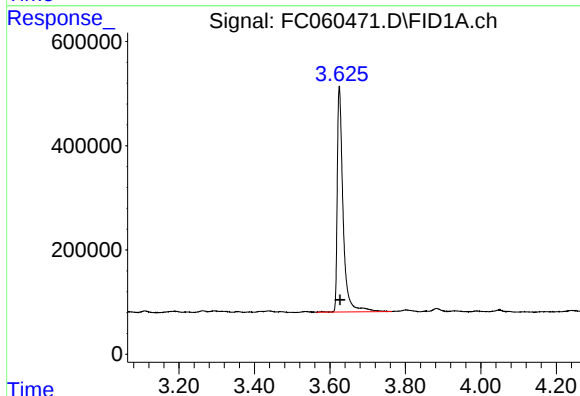
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.002 min
Response: 3412240
Conc: 22.24 ug/ml

Instrument :
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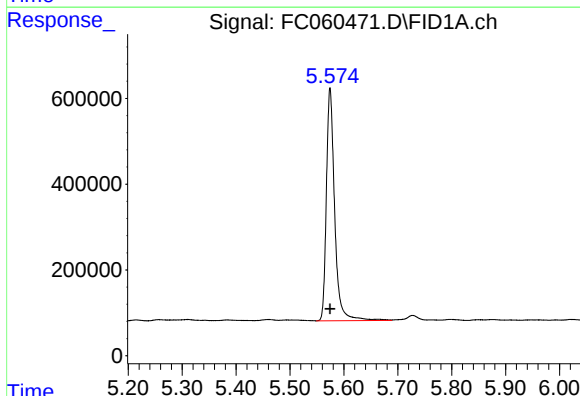
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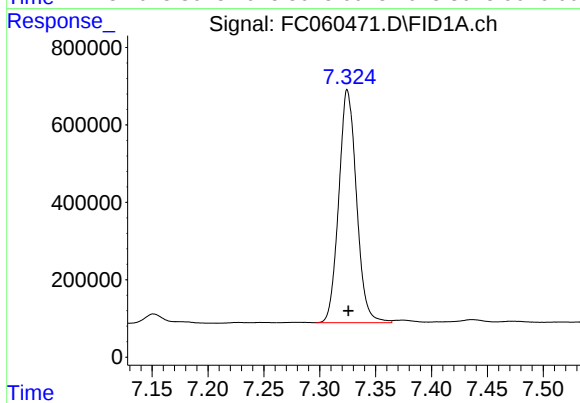
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.002 min
Response: 4640785
Conc: 30.39 ug/ml



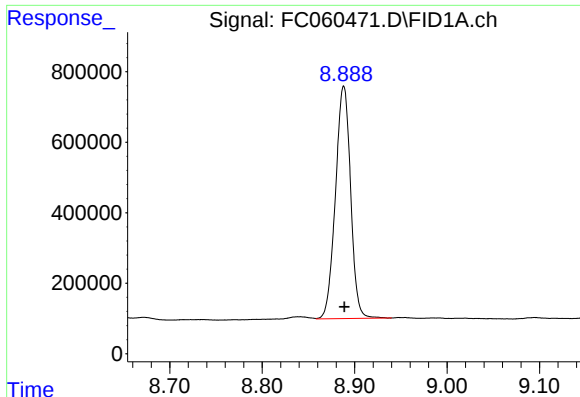
#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 5807046
Conc: 35.93 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 6654592
Conc: 40.28 ug/ml m



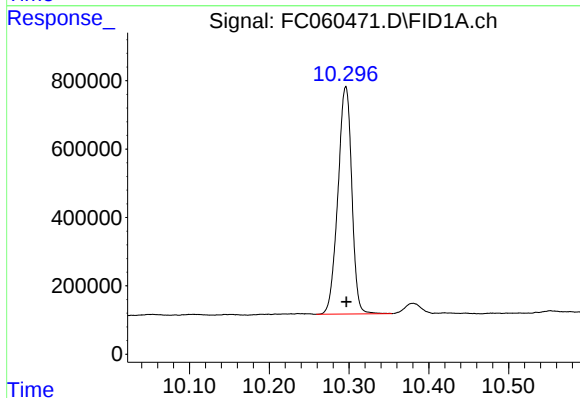
#7 n-Hexadecane (C16)

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 7521158
Conc: 44.50 ug/ml

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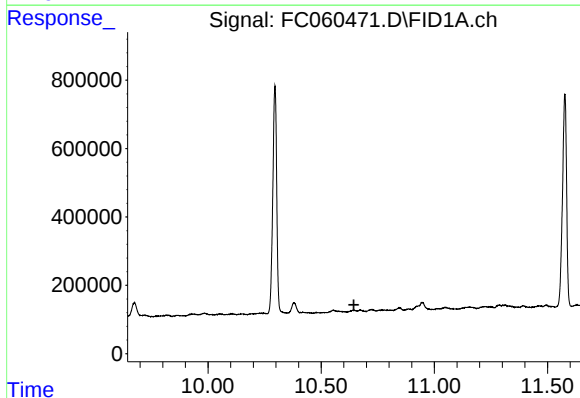
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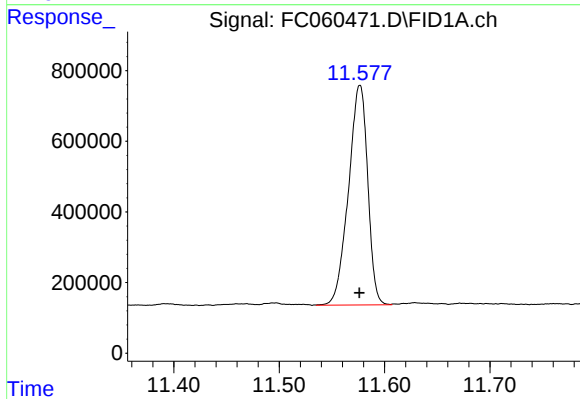
#8 n-Octadecane (C18)

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 8027057
Conc: 46.66 ug/ml



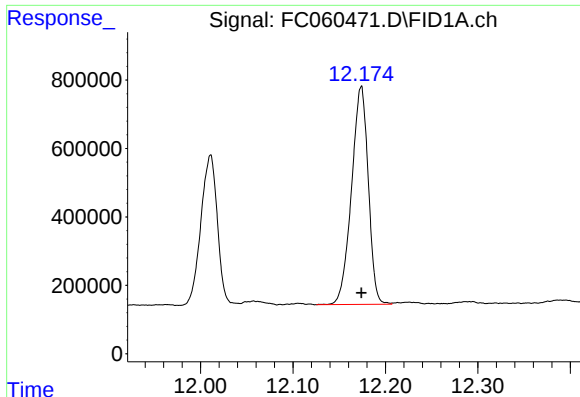
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 7891933
Conc: 46.24 ug/ml



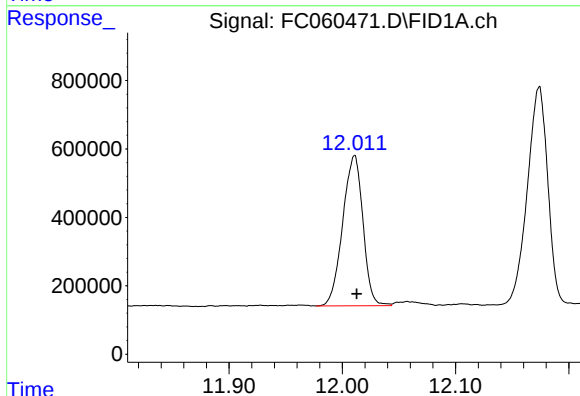
#11 n-Heneicosane (C21)

R.T.: 12.174 min
Delta R.T.: 0.000 min
Response: 8026296
Conc: 47.07 ug/ml

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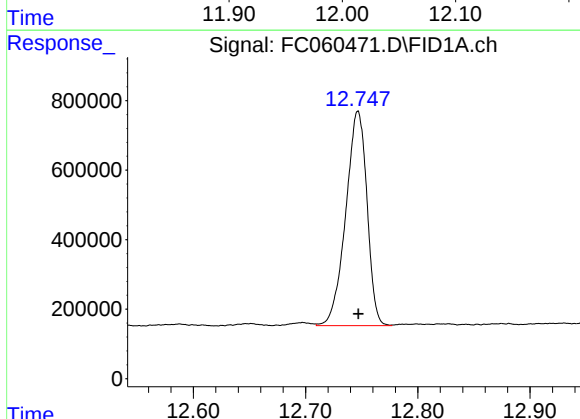
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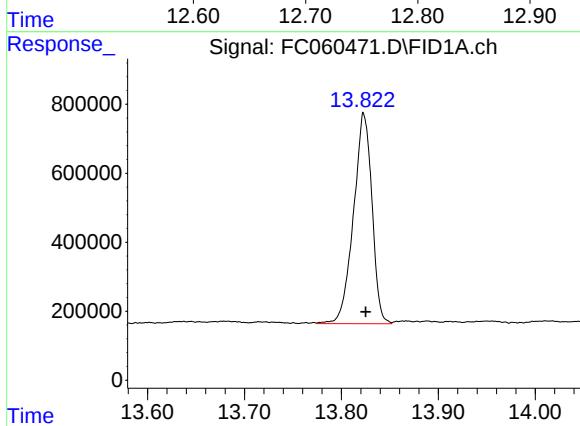
#12 1-chlorooctadecane (SURR)

R.T.: 12.010 min
Delta R.T.: -0.002 min
Response: 5450224
Conc: 36.98 ug/ml



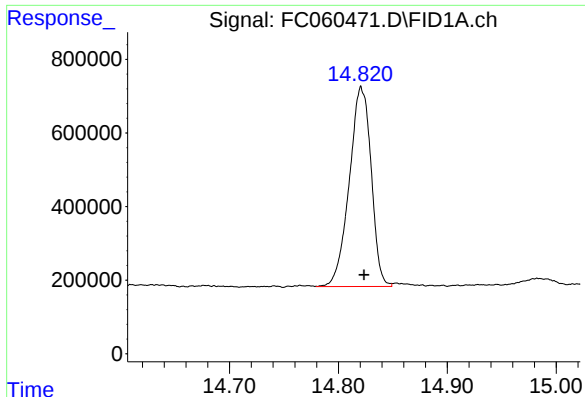
#13 n-Docosane (C22)

R.T.: 12.747 min
Delta R.T.: 0.000 min
Response: 8112388
Conc: 47.59 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.822 min
Delta R.T.: -0.003 min
Response: 8080087
Conc: 48.12 ug/ml m



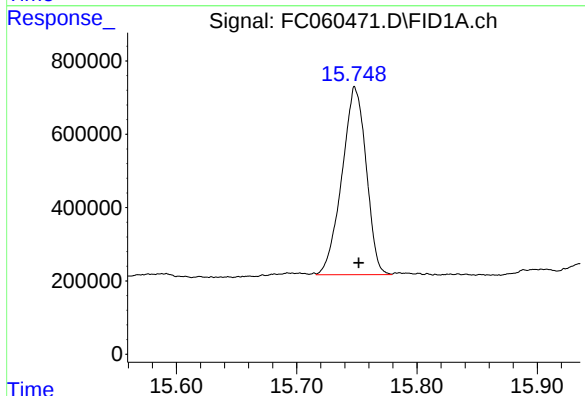
#15 n-Hexacosane (C26)

R.T.: 14.820 min
Delta R.T.: -0.003 min
Response: 7575989
Conc: 46.10 ug/ml

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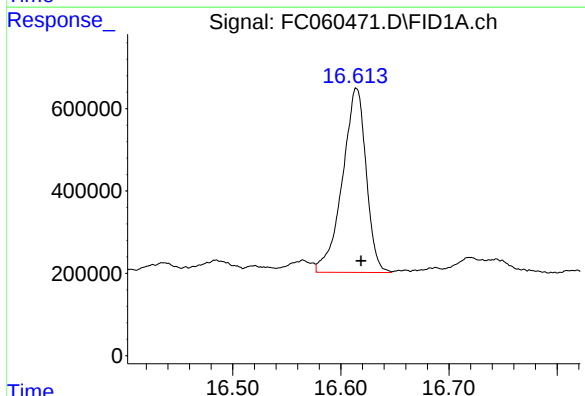
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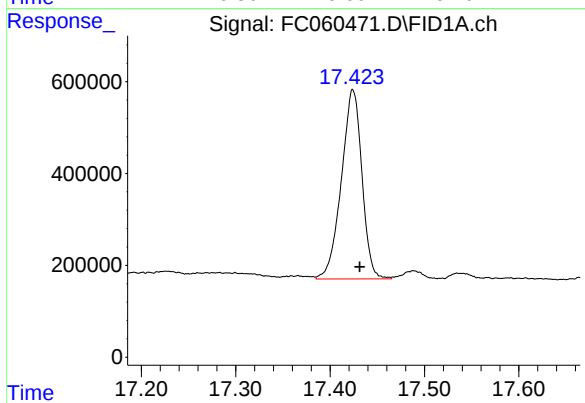
#16 n-Octacosane (C28)

R.T.: 15.748 min
Delta R.T.: -0.004 min
Response: 7169320
Conc: 45.18 ug/ml m



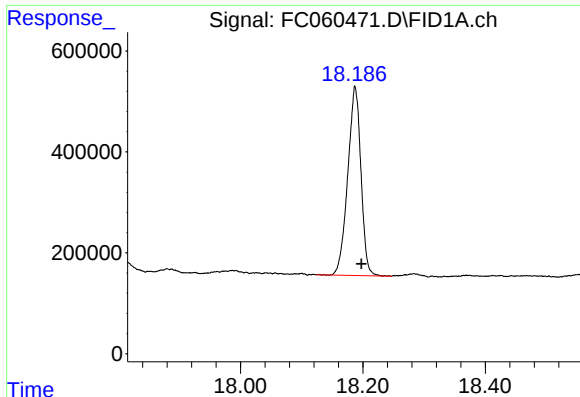
#17 n-Tricontane (C30)

R.T.: 16.613 min
Delta R.T.: -0.005 min
Response: 6819453
Conc: 44.80 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.424 min
Delta R.T.: -0.007 min
Response: 6250212
Conc: 43.00 ug/ml



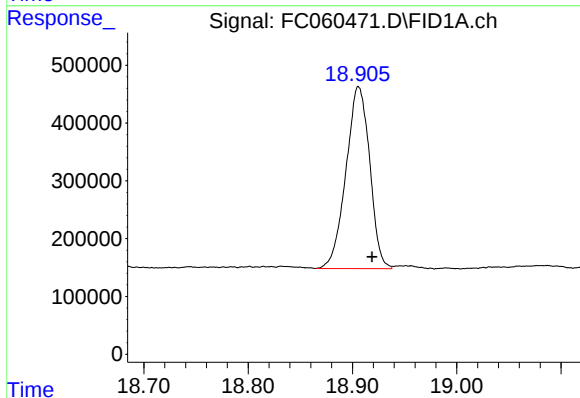
#19 n-Tetratriacontane (C34)

R.T.: 18.187 min
Delta R.T.: -0.010 min
Response: 5599173
Conc: 44.08 ug/ml

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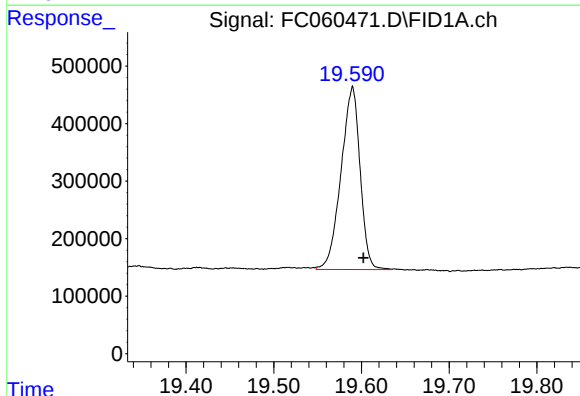
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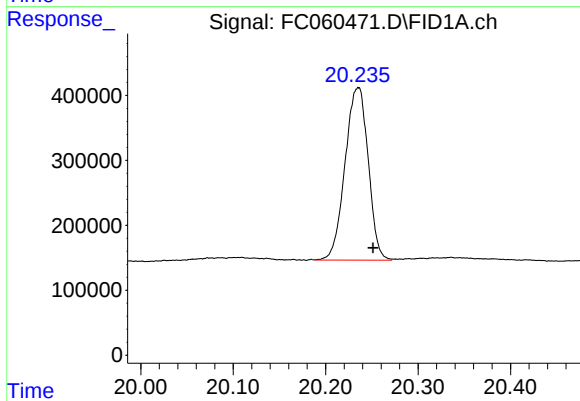
#20 n-Hexatriacontane (C36)

R.T.: 18.905 min
Delta R.T.: -0.013 min
Response: 4981183
Conc: 44.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.590 min
Delta R.T.: -0.013 min
Response: 4795496
Conc: 43.81 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.235 min
Delta R.T.: -0.016 min
Response: 4621540
Conc: 40.92 ug/ml m