

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101023AL\
 Data File : FF013596.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 11:04
 Operator : YP\AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 11 01:59:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 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...	13.314	4488985	37.456 ug/ml
Spiked Amount 50.000		Recovery =	74.91%
Target Compounds			
1) T n-Nonane (C9)	3.280	223572	1.757 ug/ml
2) T n-Decane (C10)	4.524	288492	2.232 ug/mlm
4) T n-Dodecane (C12)	6.684	351240	2.705 ug/ml
6) T n-Tetradecane (C14)	8.509	314004	2.466 ug/ml
7) T n-Hexadecane (C16)	10.115	310524	2.351 ug/ml
8) T n-Octadecane (C18)	11.557	327089	2.390 ug/ml
10) T n-Eicosane (C20)	12.867	374379	2.750 ug/ml
11) T n-Heneicosane (C21)	13.479	349414	2.592 ug/ml
13) T n-Docosane (C22)	14.066	357080	2.648 ug/ml
14) T n-Tetracosane (C24)	15.170	380935	2.788 ug/ml
15) T n-Hexacosane (C26)	16.191	389381	2.860 ug/ml
16) T n-Octacosane (C28)	17.140	417490	3.122 ug/ml
17) T n-Tricontane (C30)	18.028	470307	3.395 ug/ml
18) T n-Dotriacontane (C32)	18.860	495557	3.607 ug/ml
19) T n-Tetratriacontane (C34)	19.643	423246	3.268 ug/ml
20) T n-Hexatriacontane (C36)	20.382	373869	2.998 ug/mlm
21) T n-Octatriacontane (C38)	21.110	336335	2.862 ug/ml
22) T n-Tetracontane (C40)	21.998	284825	2.476 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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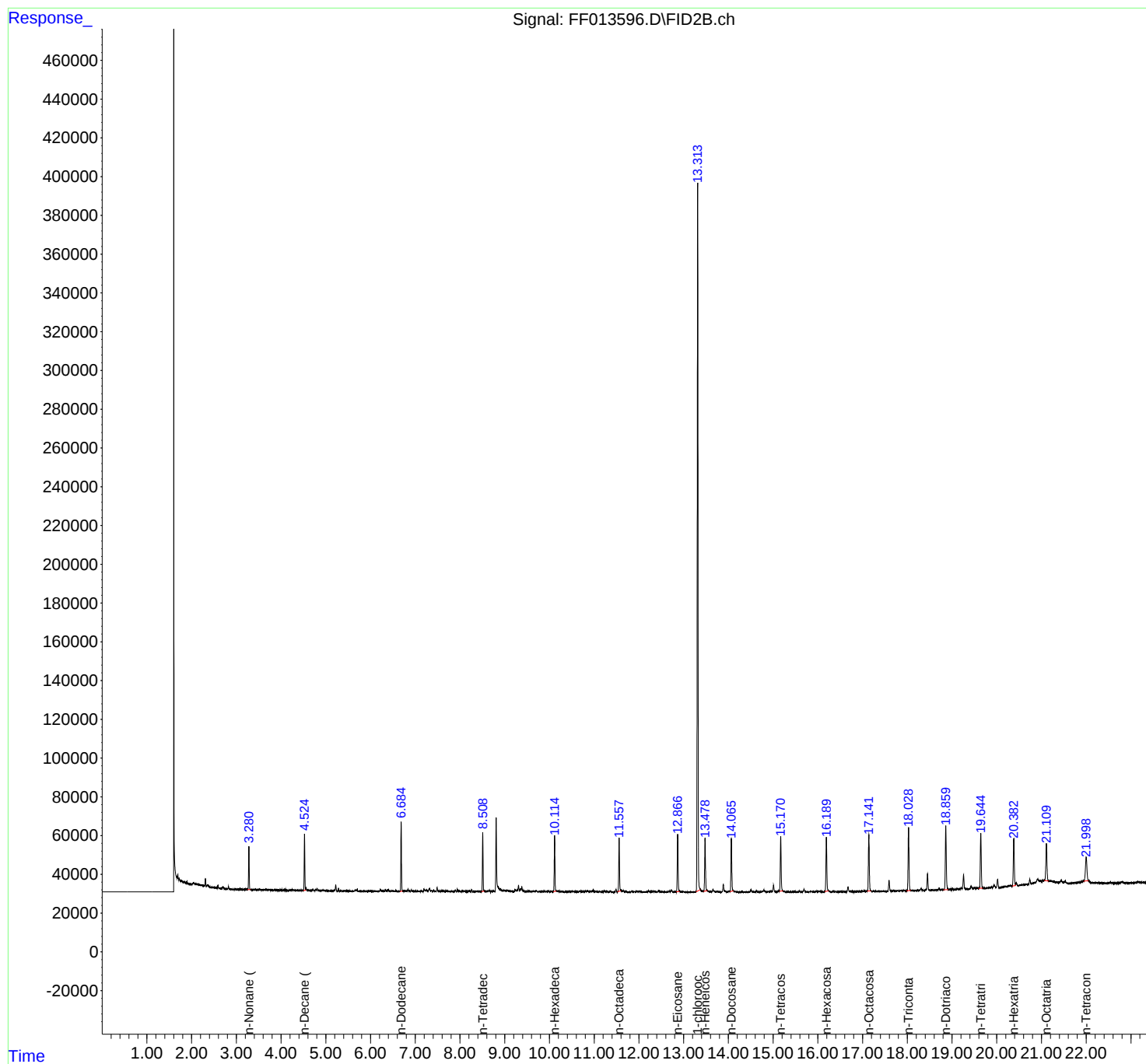
Instrument :
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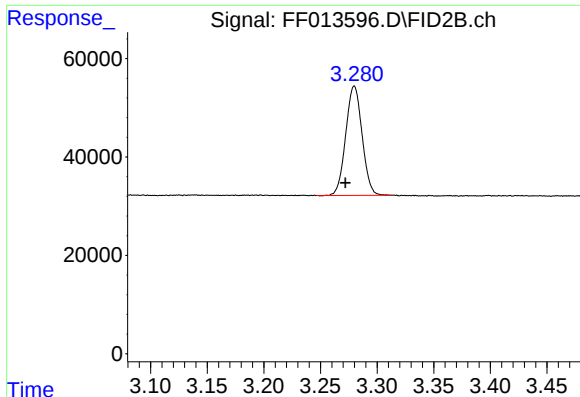
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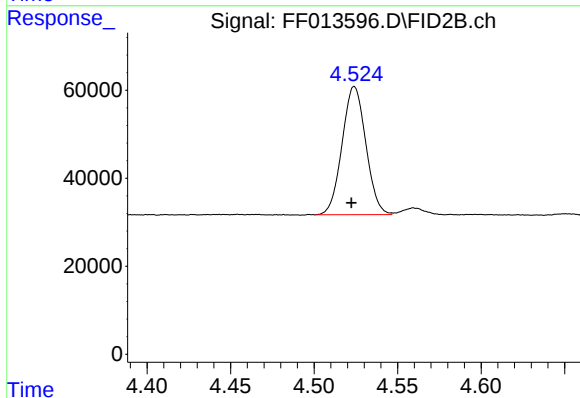
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.008 min
Response: 223572
Conc: 1.76 ug/ml

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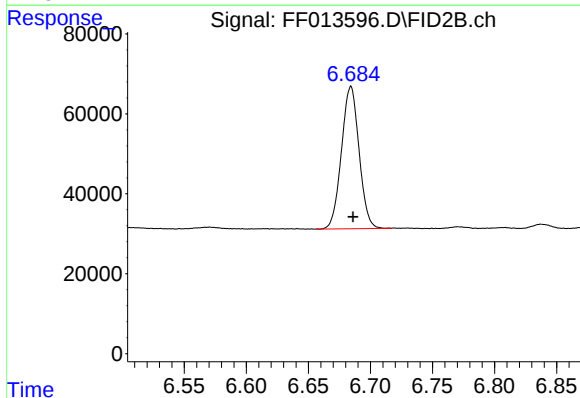
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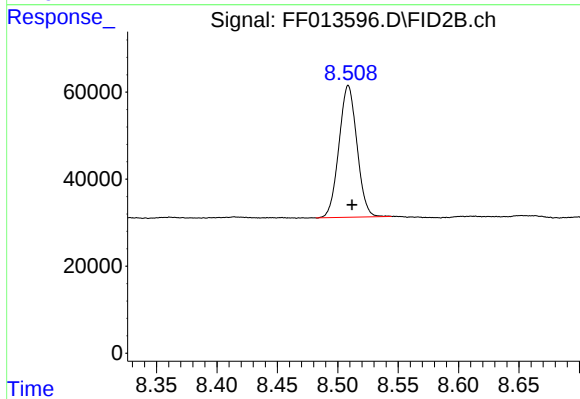
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.001 min
Response: 288492
Conc: 2.23 ug/ml m



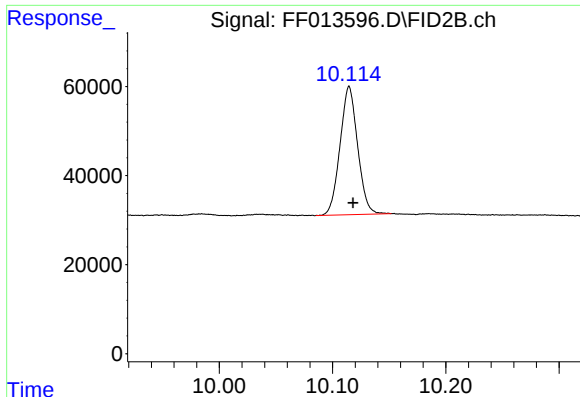
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 351240
Conc: 2.71 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.003 min
Response: 314004
Conc: 2.47 ug/ml



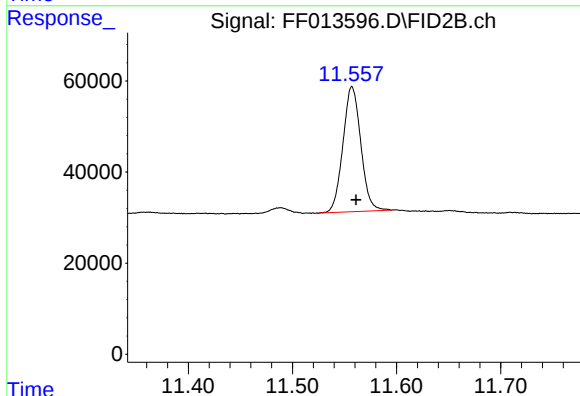
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.003 min
Response: 310524
Conc: 2.35 ug/ml

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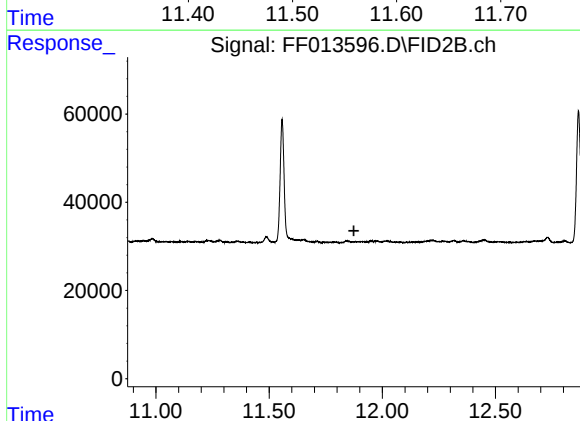
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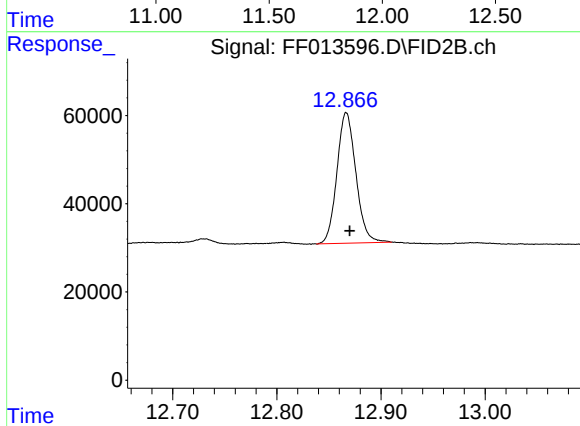
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 327089
Conc: 2.39 ug/ml



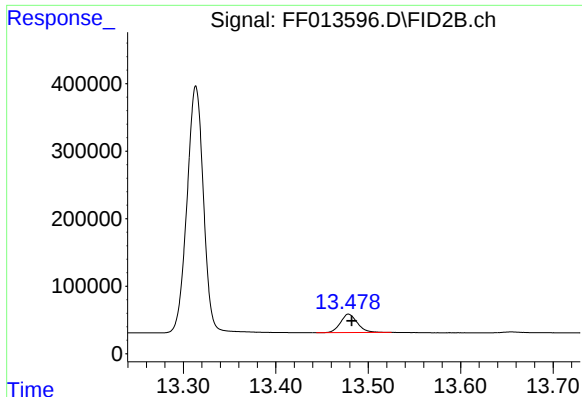
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.875 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.004 min
Response: 374379
Conc: 2.75 ug/ml



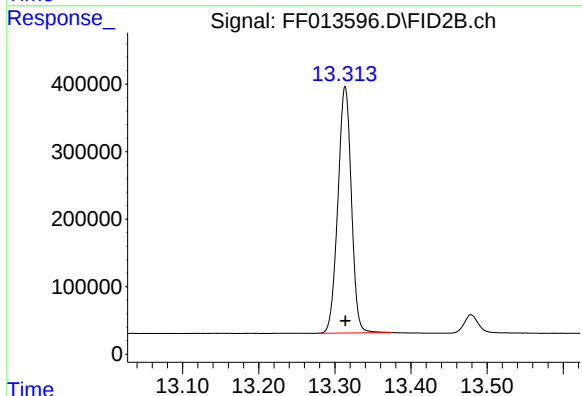
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.004 min
Response: 349414
Conc: 2.59 ug/ml

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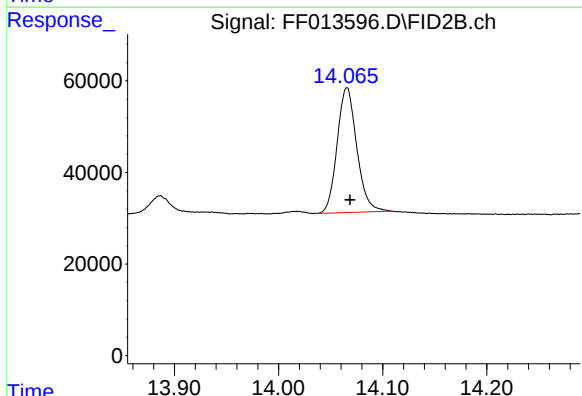
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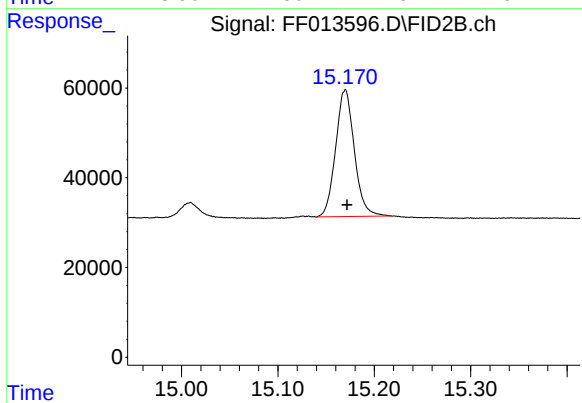
#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: 0.000 min
Response: 4488985
Conc: 37.46 ug/ml



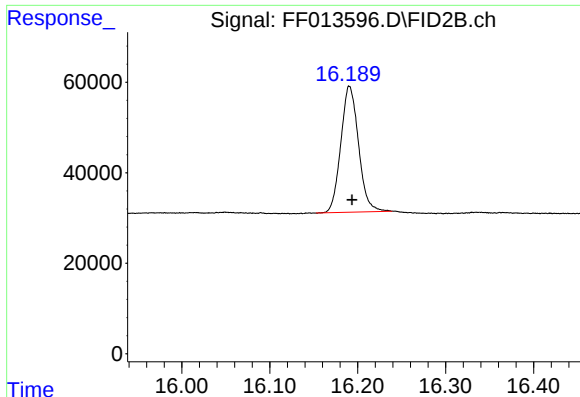
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.003 min
Response: 357080
Conc: 2.65 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.002 min
Response: 380935
Conc: 2.79 ug/ml



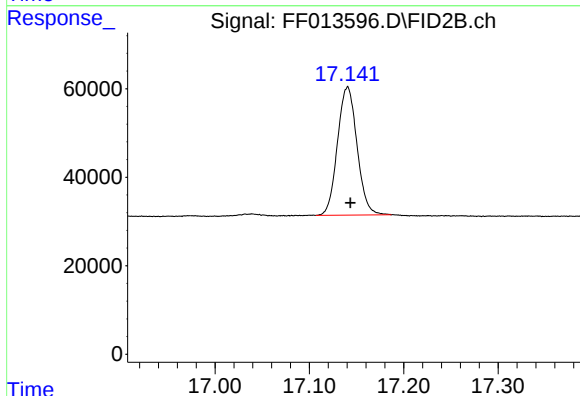
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: -0.003 min
Response: 389381
Conc: 2.86 ug/ml

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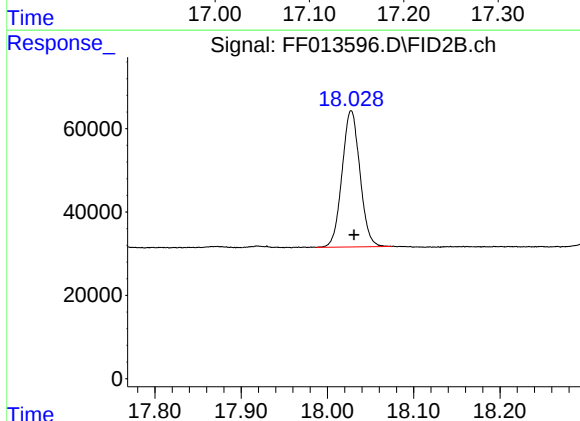
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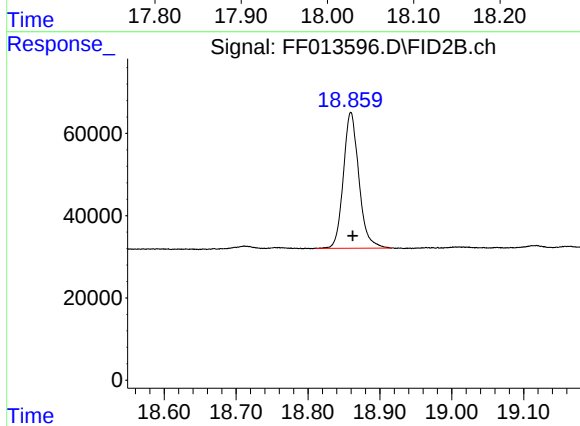
#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: -0.003 min
Response: 417490
Conc: 3.12 ug/ml



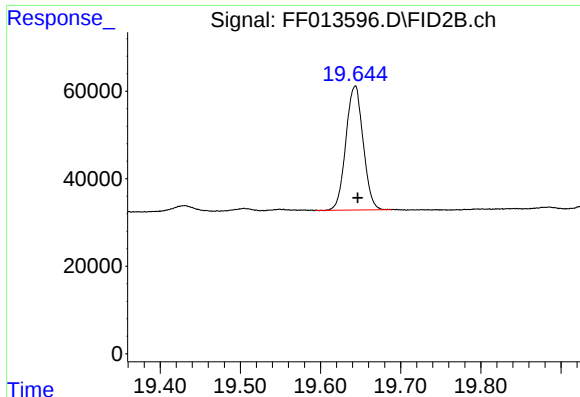
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 470307
Conc: 3.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: -0.003 min
Response: 495557
Conc: 3.61 ug/ml



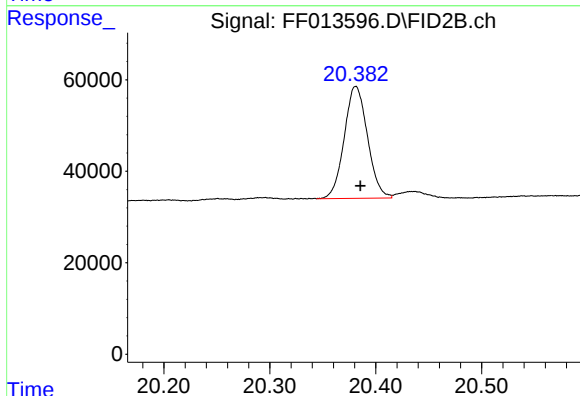
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.003 min
Response: 423246
Conc: 3.27 ug/ml

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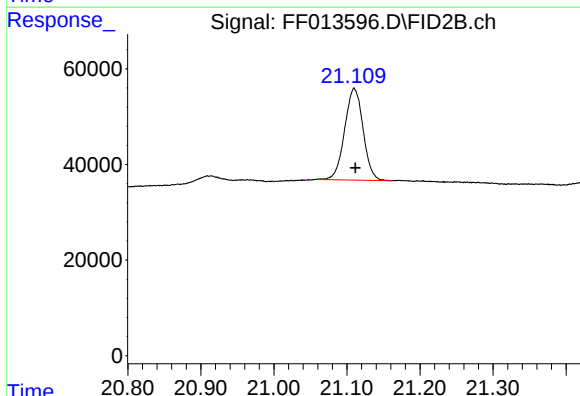
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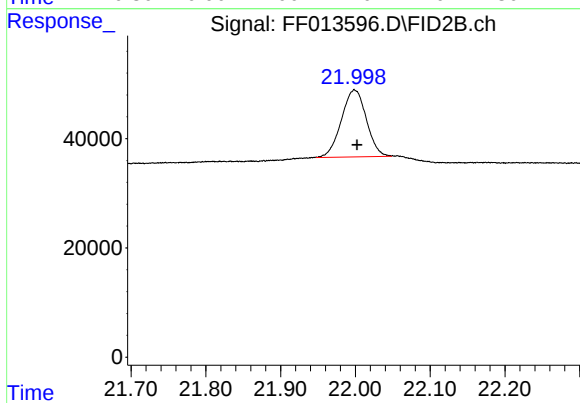
#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.004 min
Response: 373869
Conc: 3.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.002 min
Response: 336335
Conc: 2.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.004 min
Response: 284825
Conc: 2.48 ug/ml m