

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111022AL\
 Data File : FC062158.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2022 01:42
 Operator : YP/AJ
 Sample : N5360-22MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20221114-COMP-13MSD

Integration File: autoint1.e
 Quant Time: Nov 11 04:44:02 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...	13.030	2381051	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T n-Nonane (C9)	3.354	3214855	22.855 ug/ml
2) T n-Decane (C10)	4.421	3981986	27.895 ug/ml
4) T n-Dodecane (C12)	6.442	4640930	31.969 ug/ml
6) T n-Tetradecane (C14)	8.237	4780170	32.885 ug/ml
7) T n-Hexadecane (C16)	9.838	4783483	32.848 ug/ml
8) T n-Octadecane (C18)	11.280	4809823	33.277 ug/ml
10) T n-Eicosane (C20)	12.588	4593658	32.548 ug/ml
11) T n-Heneicosane (C21)	13.199	4537082	32.698 ug/ml
13) T n-Docosane (C22)	13.783	4449138	32.454 ug/ml
14) T n-Tetracosane (C24)	14.885	4329533	32.767 ug/ml
15) T n-Hexacosane (C26)	15.904	4183656	33.202 ug/ml
16) T n-Octacosane (C28)	16.852	4066801	33.720 ug/ml
17) T n-Tricontane (C30)	17.737	4039185	33.948 ug/ml
18) T n-Dotriacontane (C32)	18.569	4041253	34.300 ug/ml
19) T n-Tetratriacontane (C34)	19.350	4051873	35.866 ug/ml
20) T n-Hexatriacontane (C36)	20.085	3897171	34.364 ug/ml
21) T n-Octatriacontane (C38)	20.825	3836253	34.094 ug/ml
22) T n-Tetracontane (C40)	21.741	3802483	33.870 ug/ml

(f)=RT Delta > 1/2 Window

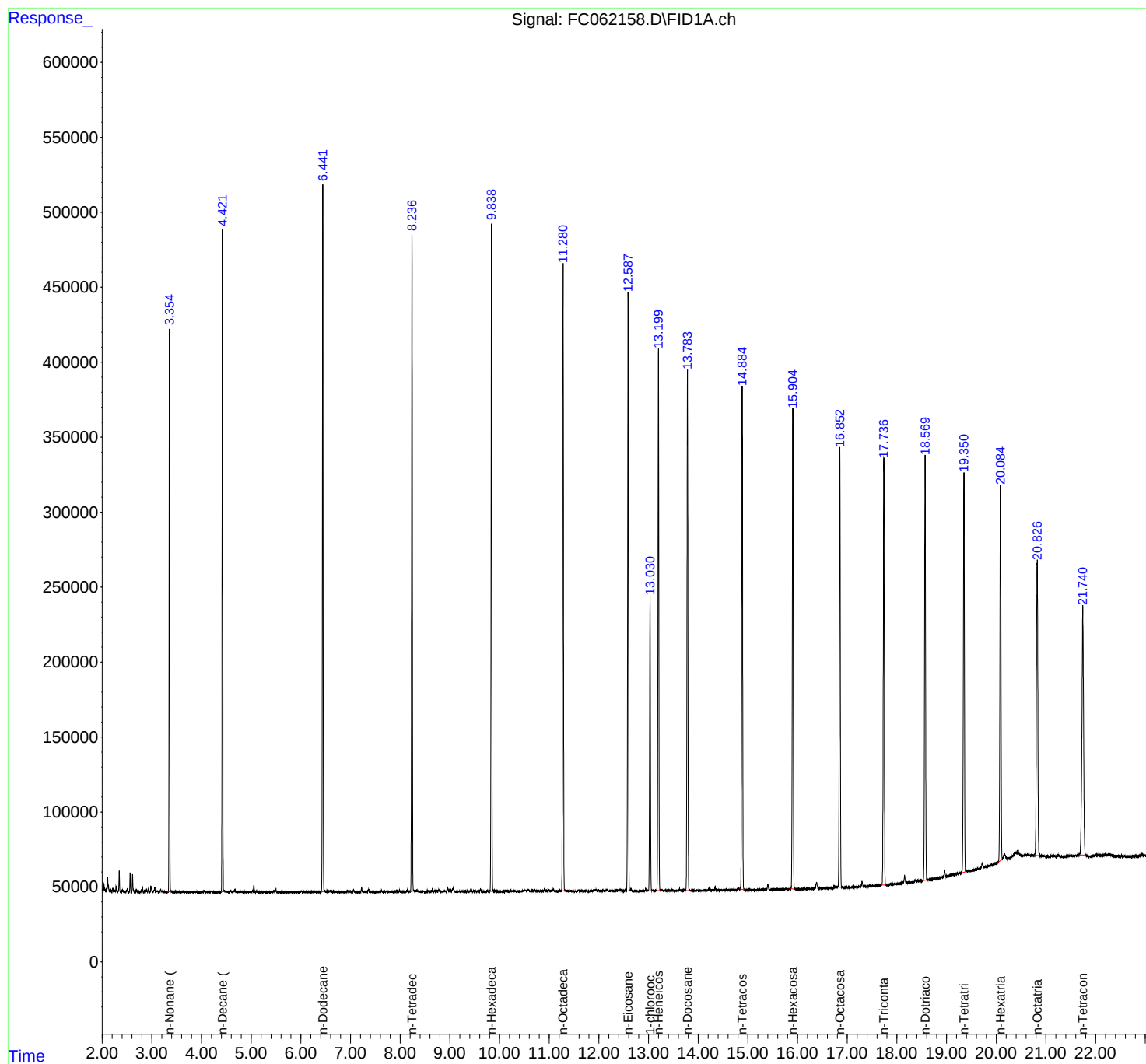
(m)=manual int.

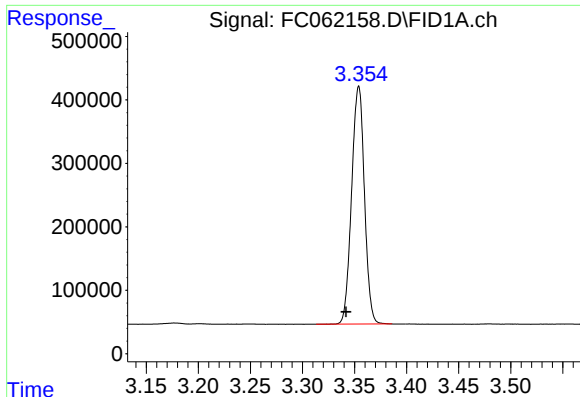
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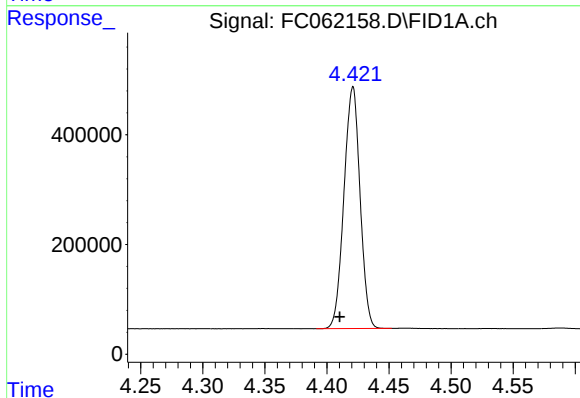




#1 n-Nonane (C9)

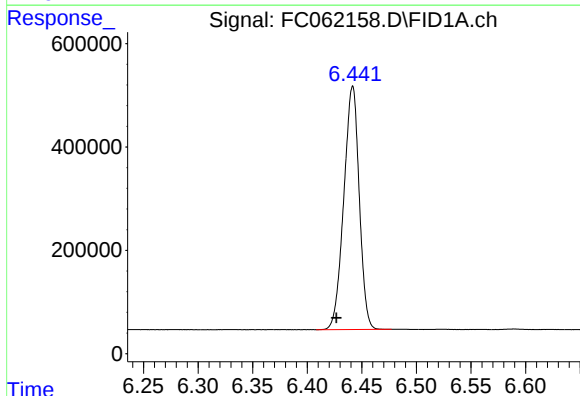
R.T.: 3.354 min
Delta R.T.: 0.012 min
Response: 3214855
Conc: 22.86 ug/ml

Instrument :
FID_C
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20221114-COMP-13MSD



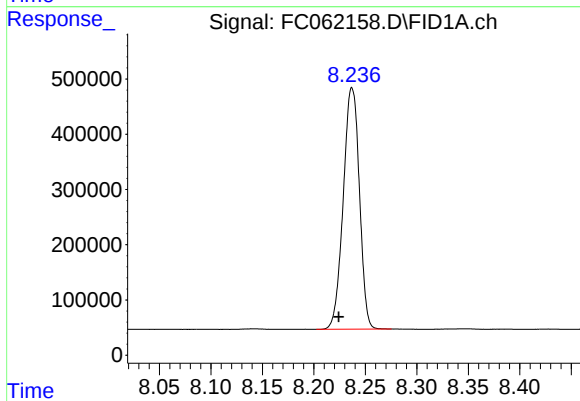
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: 0.011 min
Response: 3981986
Conc: 27.90 ug/ml



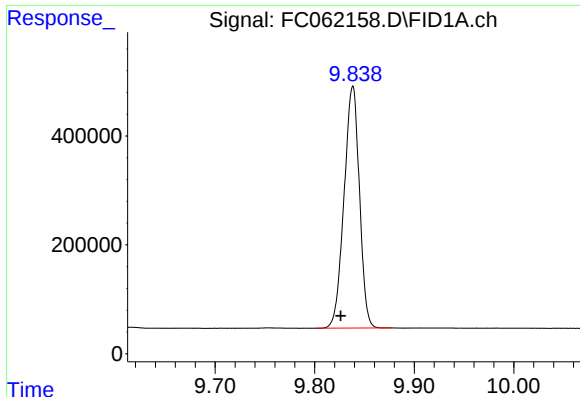
#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: 0.015 min
Response: 4640930
Conc: 31.97 ug/ml



#6 n-Tetradecane (C14)

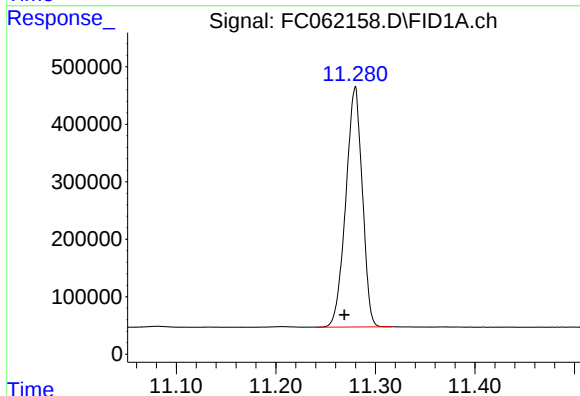
R.T.: 8.237 min
Delta R.T.: 0.013 min
Response: 4780170
Conc: 32.88 ug/ml



#7 n-Hexadecane (C16)

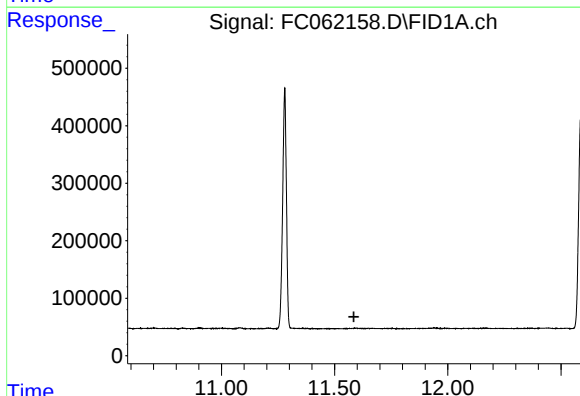
R.T.: 9.838 min
Delta R.T.: 0.012 min
Response: 4783483
Conc: 32.85 ug/ml

Instrument :
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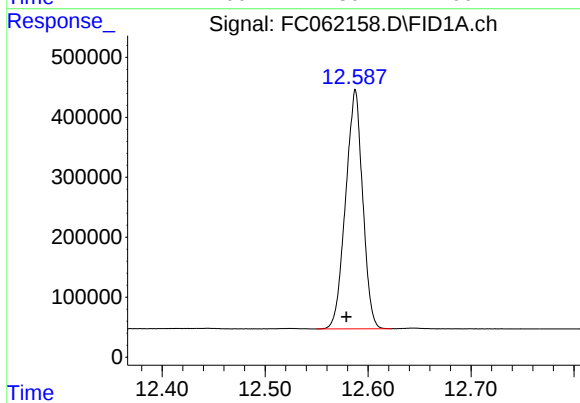
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.011 min
Response: 4809823
Conc: 33.28 ug/ml



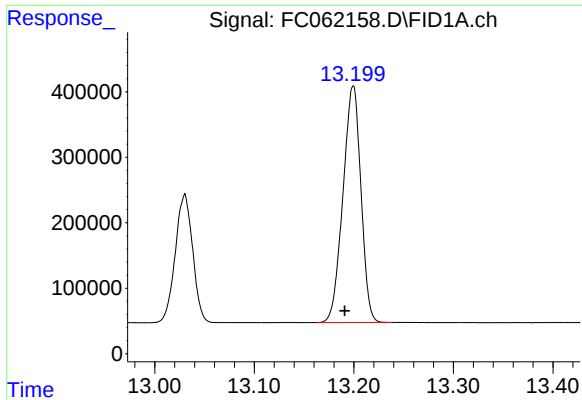
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

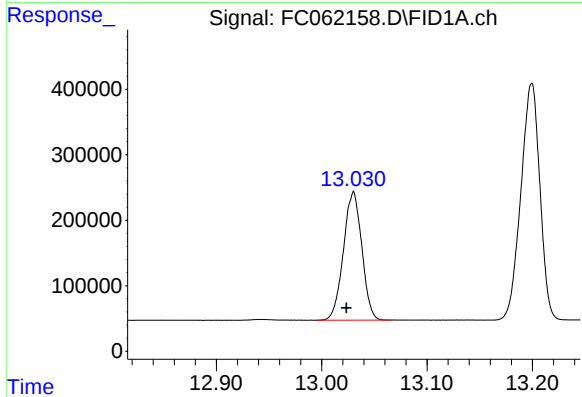
R.T.: 12.588 min
Delta R.T.: 0.009 min
Response: 4593658
Conc: 32.55 ug/ml



#11 n-Heneicosane (C21)

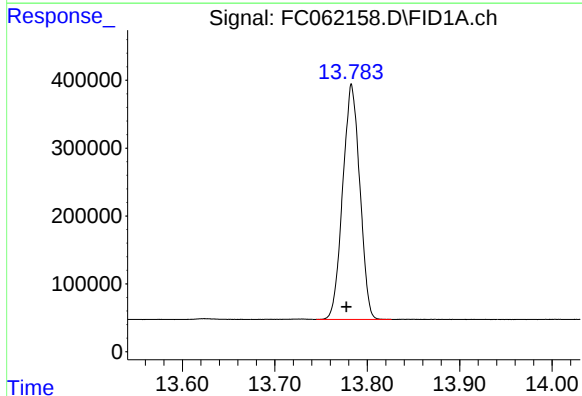
R.T.: 13.199 min
Delta R.T.: 0.009 min
Response: 4537082
Conc: 32.70 ug/ml

Instrument :
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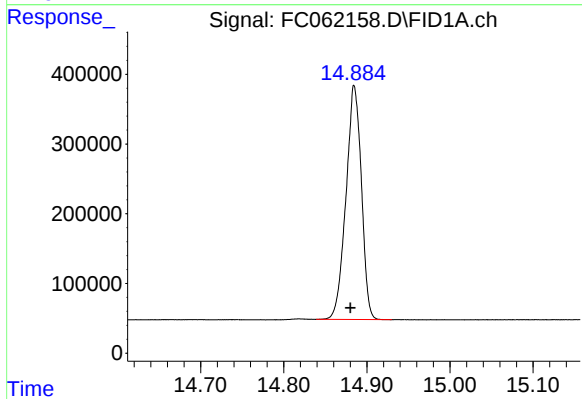
#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: 0.007 min
Response: 2381051
Conc: 20.44 ug/ml



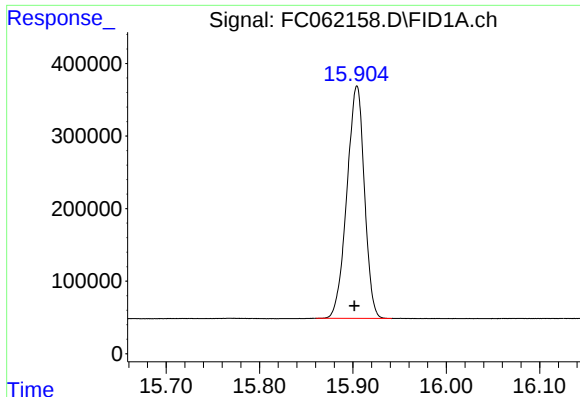
#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: 0.006 min
Response: 4449138
Conc: 32.45 ug/ml



#14 n-Tetracosane (C24)

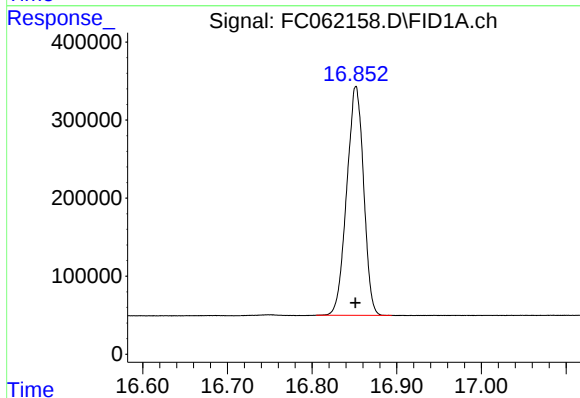
R.T.: 14.885 min
Delta R.T.: 0.004 min
Response: 4329533
Conc: 32.77 ug/ml



#15 n-Hexacosane (C26)

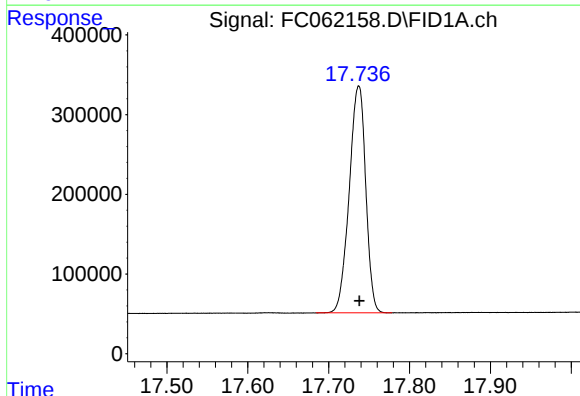
R.T.: 15.904 min
Delta R.T.: 0.003 min
Response: 4183656
Conc: 33.20 ug/ml

Instrument :
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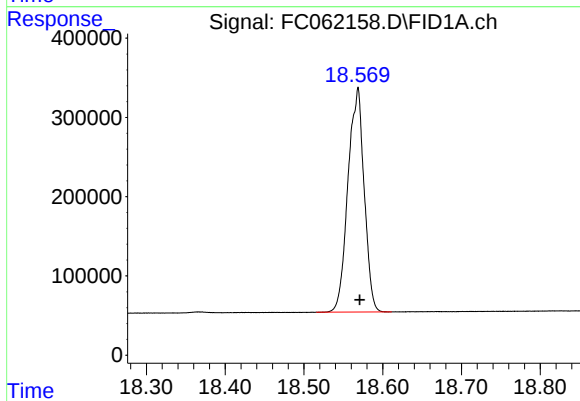
#16 n-Octacosane (C28)

R.T.: 16.852 min
Delta R.T.: 0.000 min
Response: 4066801
Conc: 33.72 ug/ml



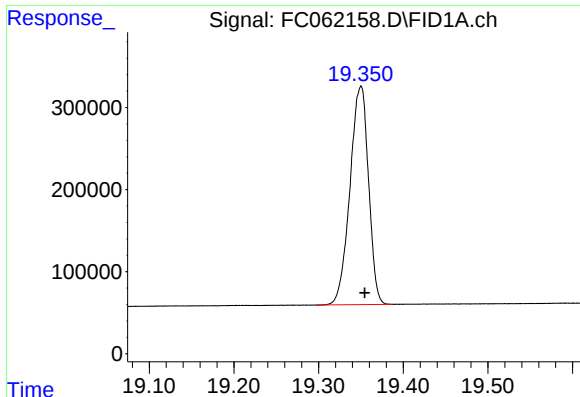
#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 4039185
Conc: 33.95 ug/ml



#18 n-Dotriacontane (C32)

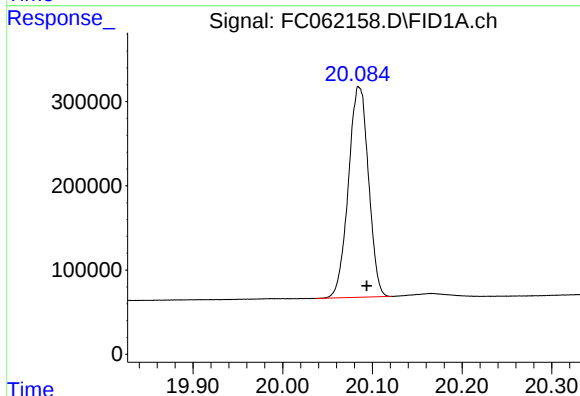
R.T.: 18.569 min
Delta R.T.: -0.002 min
Response: 4041253
Conc: 34.30 ug/ml



#19 n-Tetratriacontane (C34)

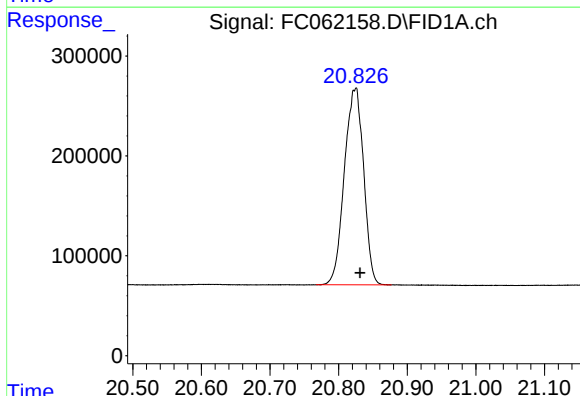
R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 4051873
Conc: 35.87 ug/ml

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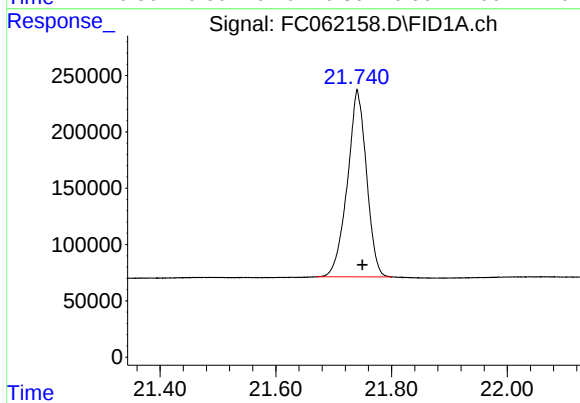
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 3897171
Conc: 34.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.006 min
Response: 3836253
Conc: 34.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.741 min
Delta R.T.: -0.009 min
Response: 3802483
Conc: 33.87 ug/ml