

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080723AL\
 Data File : FC064337.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2023 14:50
 Operator : YP/AJ
 Sample : 03572-07
 Misc : LOD 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 02:49:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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...	12.950	5116245	40.570 ug/ml
Spiked Amount 50.000		Recovery =	81.14%
Target Compounds			
1) T n-Nonane (C9)	3.309	491927	3.032 ug/ml
2) T n-Decane (C10)	4.369	453701	2.775 ug/ml
4) T n-Dodecane (C12)	6.381	432841	2.651 ug/ml
6) T n-Tetradecane (C14)	8.171	450276	2.868 ug/ml
7) T n-Hexadecane (C16)	9.767	438414	2.788 ug/ml
8) T n-Octadecane (C18)	11.203	566260	3.574 ug/ml
10) T n-Eicosane (C20)	12.506	459770	3.081 ug/ml
11) T n-Heneicosane (C21)	13.117	457365	3.134 ug/ml
13) T n-Docosane (C22)	13.703	429644	3.010 ug/ml
14) T n-Tetracosane (C24)	14.800	417780	2.974 ug/ml
15) T n-Hexacosane (C26)	15.818	426708	3.107 ug/ml
16) T n-Octacosane (C28)	16.763	419742	3.130 ug/ml
17) T n-Tricontane (C30)	17.646	424292	3.057 ug/ml
18) T n-Dotriacontane (C32)	18.475	430321	3.058 ug/ml
19) T n-Tetratriacontane (C34)	19.255	400255	2.883 ug/ml
20) T n-Hexatriacontane (C36)	19.992	362332	2.670 ug/ml
21) T n-Octatriacontane (C38)	20.715	294601	2.172 ug/ml
22) T n-Tetracontane (C40)	21.600	218216	1.625 ug/ml

(f)=RT Delta > 1/2 Window

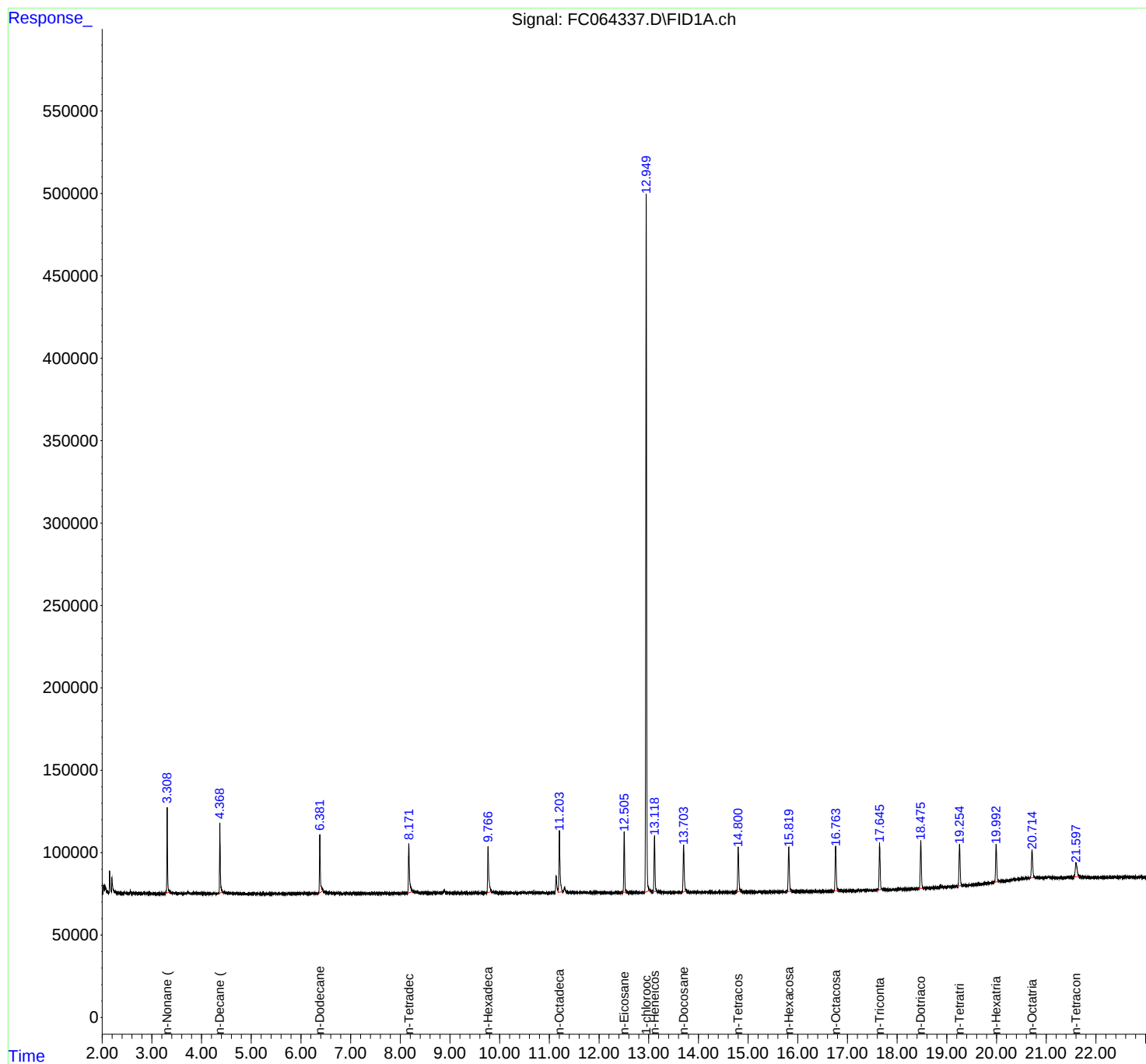
(m)=manual int.

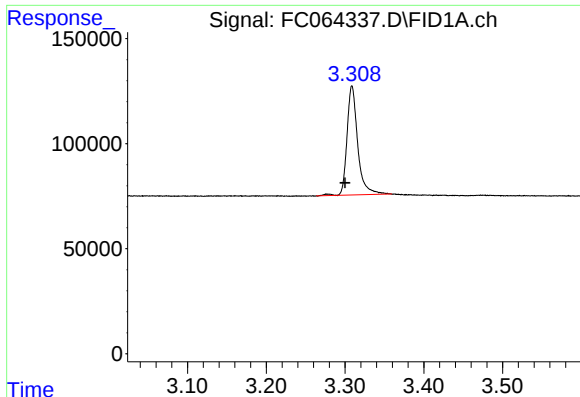
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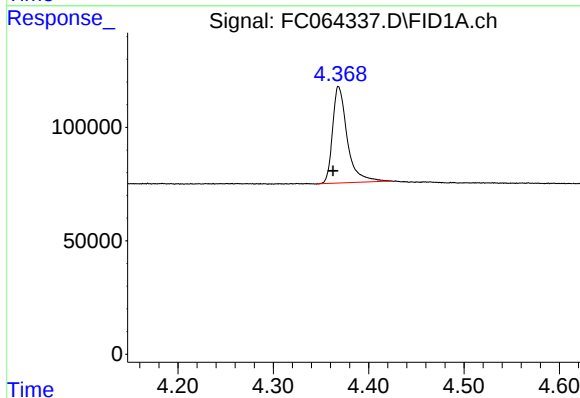




#1 n-Nonane (C9)

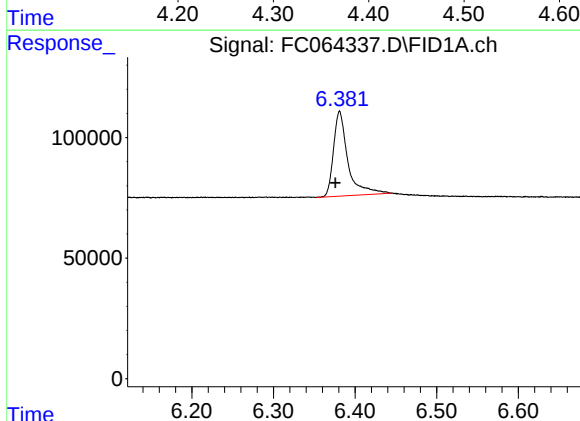
R.T.: 3.309 min
Delta R.T.: 0.009 min
Response: 491927
Conc: 3.03 ug/ml

Instrument :
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LOD-MDL-WATER-01-QT3-2023



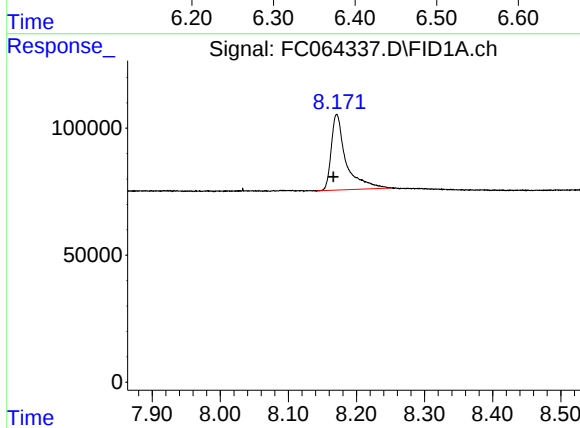
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.006 min
Response: 453701
Conc: 2.77 ug/ml



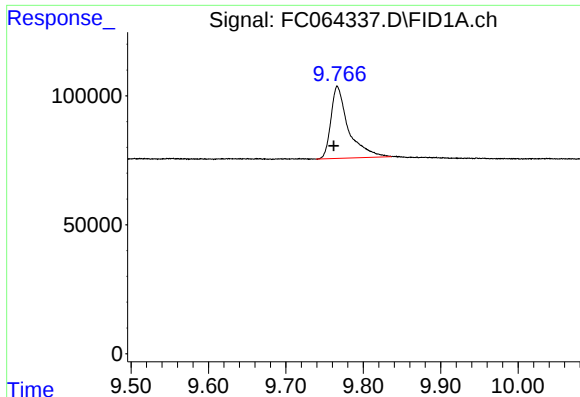
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: 0.005 min
Response: 432841
Conc: 2.65 ug/ml



#6 n-Tetradecane (C14)

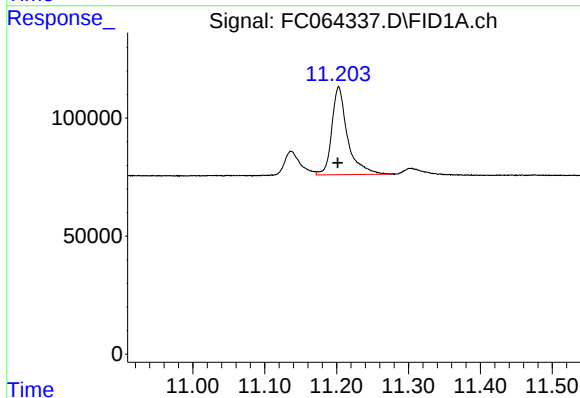
R.T.: 8.171 min
Delta R.T.: 0.005 min
Response: 450276
Conc: 2.87 ug/ml



#7 n-Hexadecane (C16)

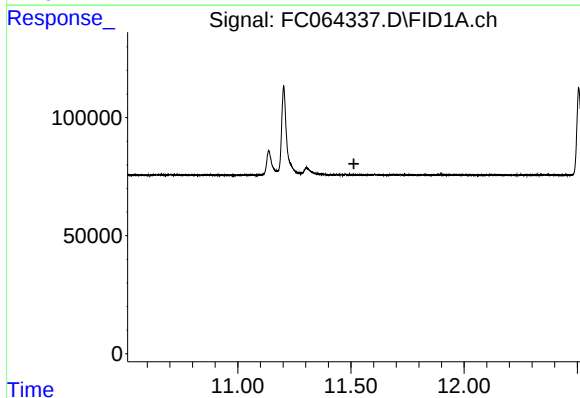
R.T.: 9.767 min
Delta R.T.: 0.005 min
Response: 438414
Conc: 2.79 ug/ml

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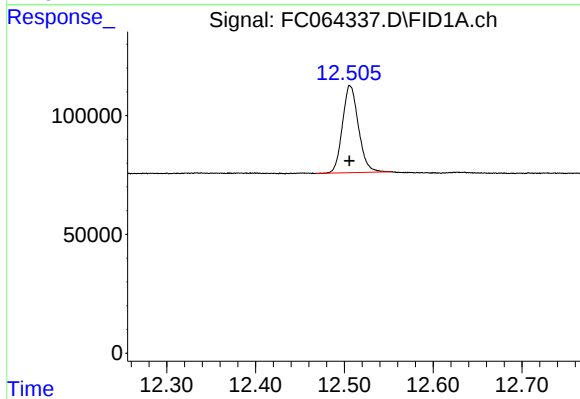
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: 0.001 min
Response: 566260
Conc: 3.57 ug/ml



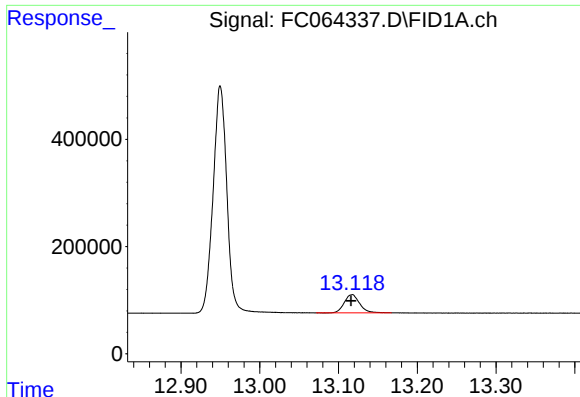
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.513 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

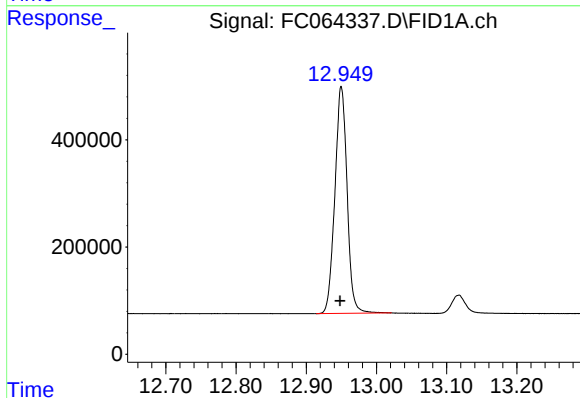
R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 459770
Conc: 3.08 ug/ml



#11 n-Heneicosane (C21)

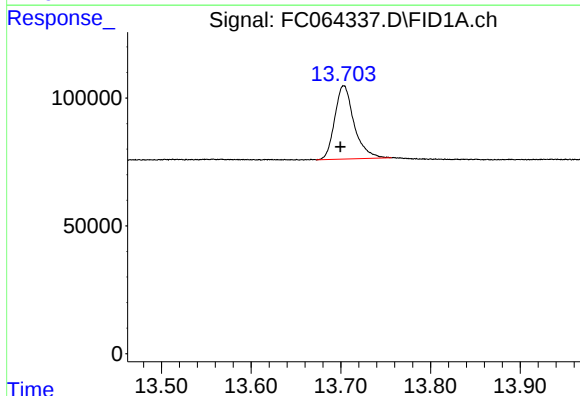
R.T.: 13.117 min
Delta R.T.: 0.002 min
Response: 457365
Conc: 3.13 ug/ml

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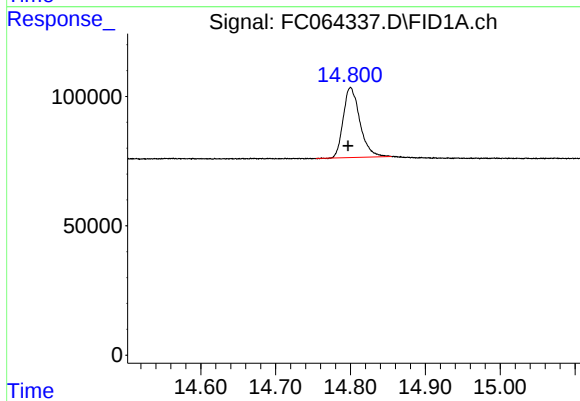
#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 5116245
Conc: 40.57 ug/ml



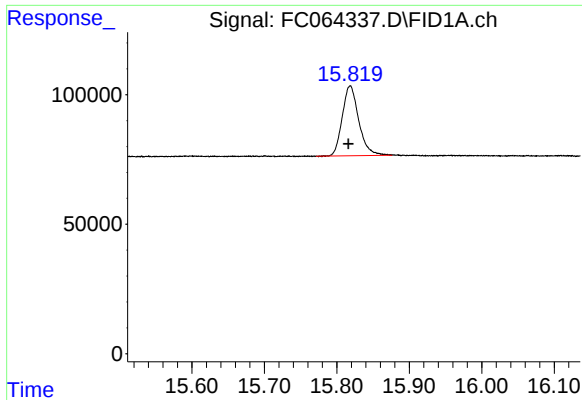
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.004 min
Response: 429644
Conc: 3.01 ug/ml



#14 n-Tetracosane (C24)

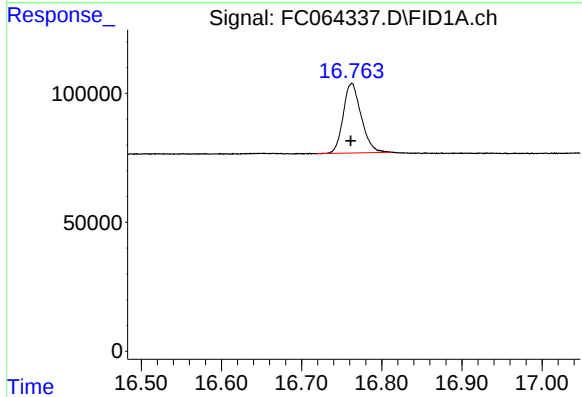
R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 417780
Conc: 2.97 ug/ml



#15 n-Hexacosane (C26)

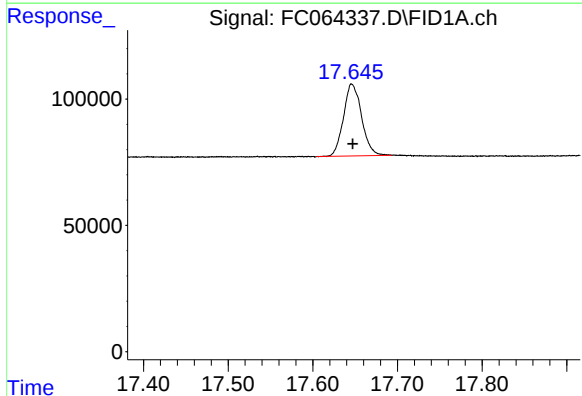
R.T.: 15.818 min
Delta R.T.: 0.003 min
Response: 426708
Conc: 3.11 ug/ml

Instrument :
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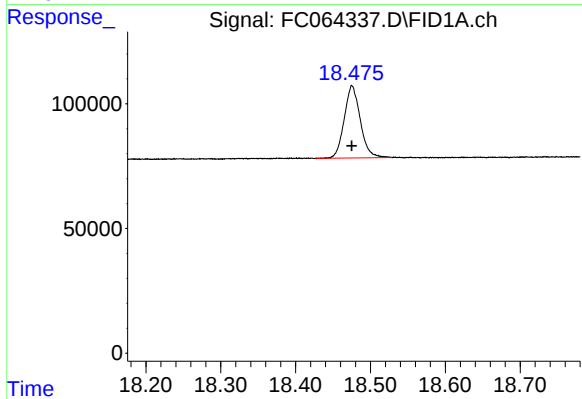
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.001 min
Response: 419742
Conc: 3.13 ug/ml



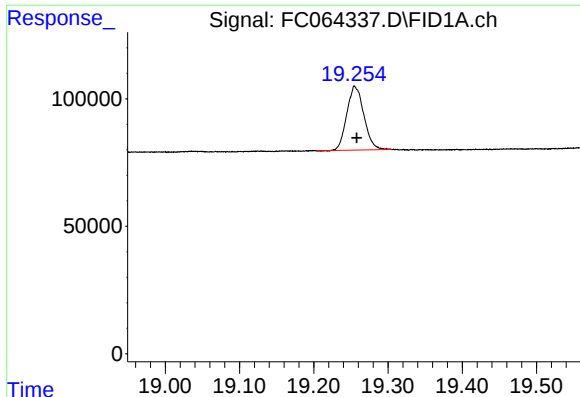
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 424292
Conc: 3.06 ug/ml



#18 n-Dotriacontane (C32)

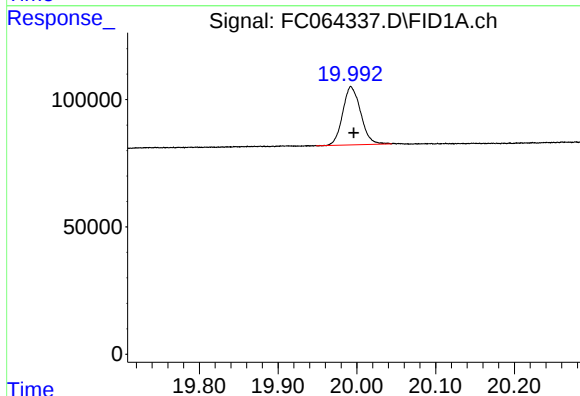
R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 430321
Conc: 3.06 ug/ml



#19 n-Tetratriacontane (C34)

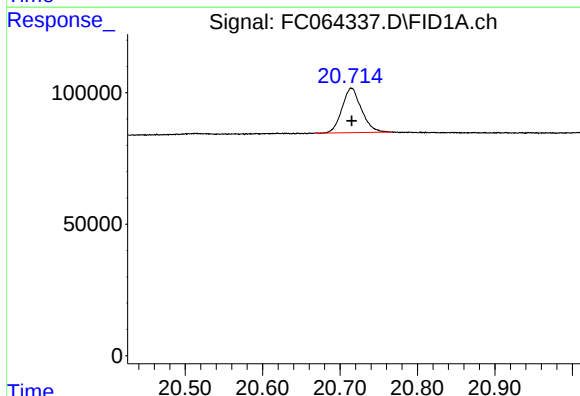
R.T.: 19.255 min
Delta R.T.: -0.003 min
Response: 400255
Conc: 2.88 ug/ml

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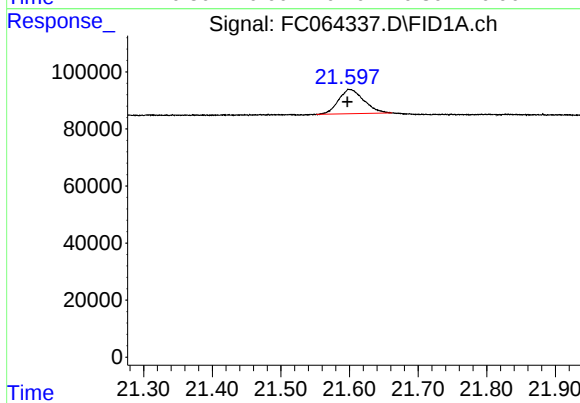
#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: -0.003 min
Response: 362332
Conc: 2.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.000 min
Response: 294601
Conc: 2.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.003 min
Response: 218216
Conc: 1.62 ug/ml