

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080923AL\
 Data File : FD046318.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2023 17:37
 Operator : YP/AJ
 Sample : 03572-08
 Misc : LOQ 5 PPM
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 10 00:00:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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...	12.829	6125939	50.911 ug/ml
Spiked Amount 50.000		Recovery =	101.82%
Target Compounds			
1) T n-Nonane (C9)	3.220	642049	4.072 ug/ml
2) T n-Decane (C10)	4.275	628535	3.914 ug/ml
4) T n-Dodecane (C12)	6.278	649053	4.015 ug/ml
6) T n-Tetradecane (C14)	8.063	657860	4.135 ug/ml
7) T n-Hexadecane (C16)	9.653	666528	4.096 ug/ml
8) T n-Octadecane (C18)	11.085	708401	4.392 ug/ml
10) T n-Eicosane (C20)	12.386	698468	4.679 ug/ml
11) T n-Heneicosane (C21)	12.994	717369	4.970 ug/ml
13) T n-Docosane (C22)	13.575	710512	5.085 ug/ml
14) T n-Tetracosane (C24)	14.670	724065	5.258 ug/ml
15) T n-Hexacosane (C26)	15.684	726442	5.682 ug/ml
16) T n-Octacosane (C28)	16.626	718863	5.904 ug/ml
17) T n-Tricontane (C30)	17.506	718072	5.802 ug/ml
18) T n-Dotriacontane (C32)	18.332	707954	5.798 ug/ml
19) T n-Tetratriacontane (C34)	19.108	659360	5.154 ug/ml
20) T n-Hexatriacontane (C36)	19.843	611150	5.336 ug/ml
21) T n-Octatriacontane (C38)	20.541	555800	4.937 ug/ml
22) T n-Tetracontane (C40)	21.357	514477	4.796 ug/ml

(f)=RT Delta > 1/2 Window

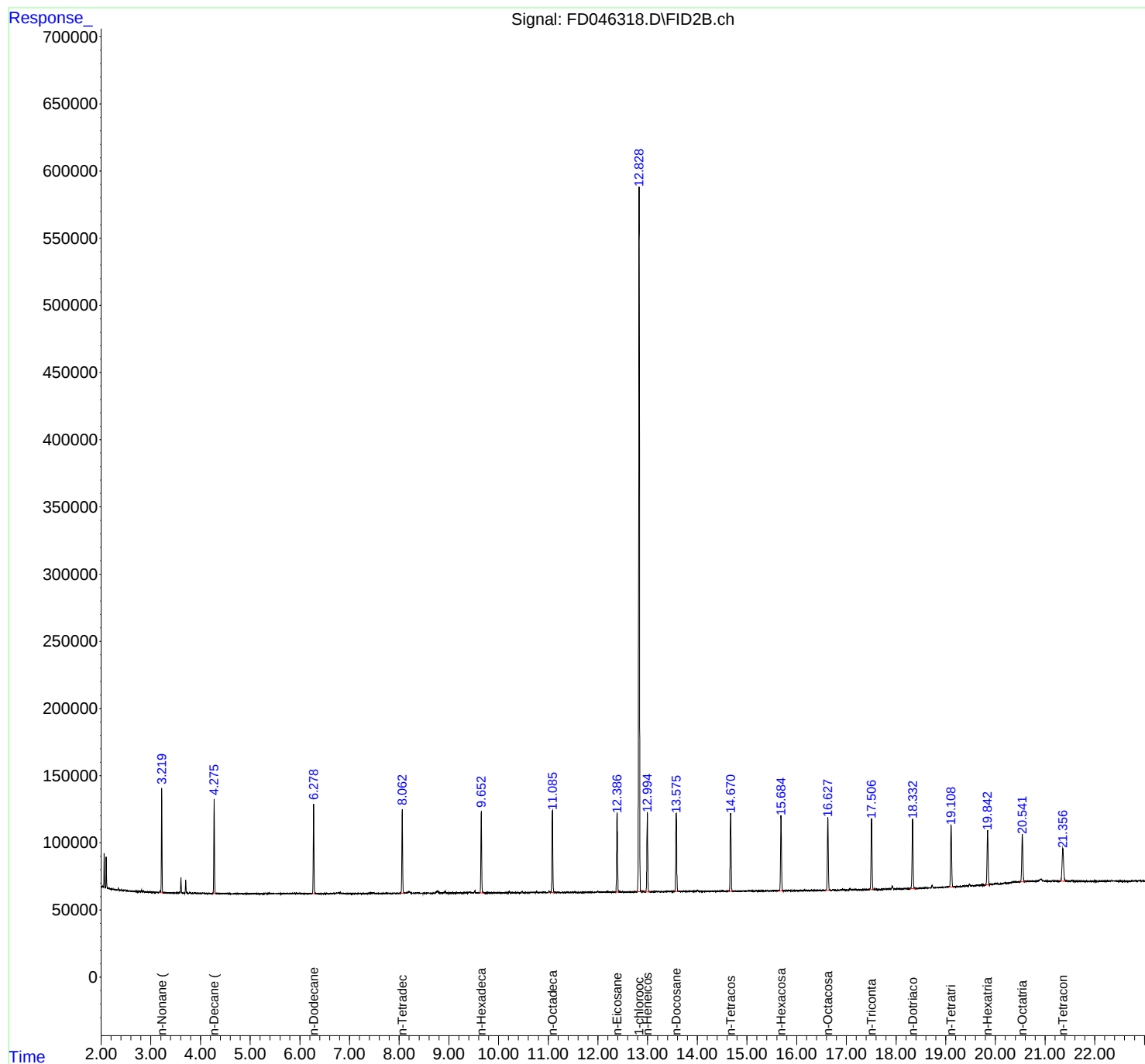
(m)=manual int.

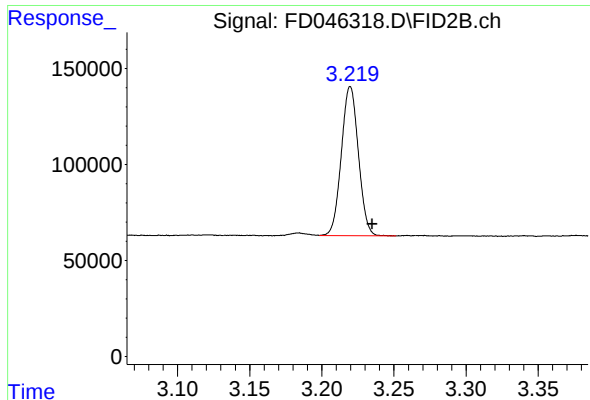
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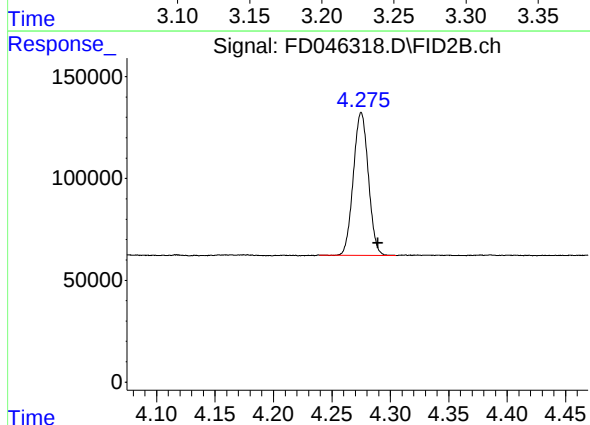




#1 n-Nonane (C9)

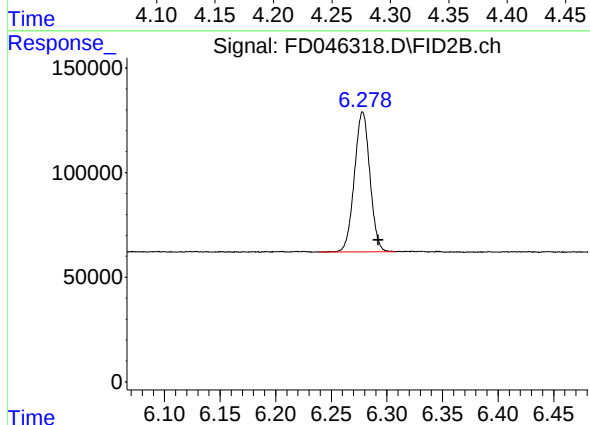
R.T.: 3.220 min
Delta R.T.: -0.015 min
Response: 642049
Conc: 4.07 ug/ml

Instrument :
FID_D
ClientSampleId :
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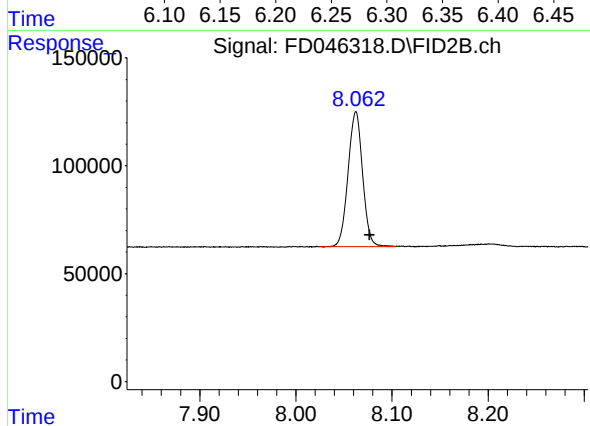
#2 n-Decane (C10)

R.T.: 4.275 min
Delta R.T.: -0.014 min
Response: 628535
Conc: 3.91 ug/ml



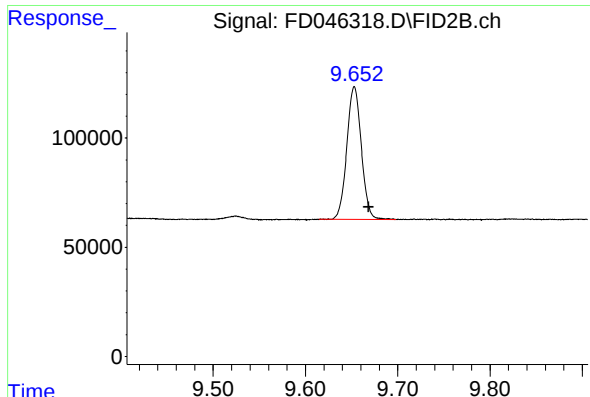
#4 n-Dodecane (C12)

R.T.: 6.278 min
Delta R.T.: -0.014 min
Response: 649053
Conc: 4.02 ug/ml



#6 n-Tetradecane (C14)

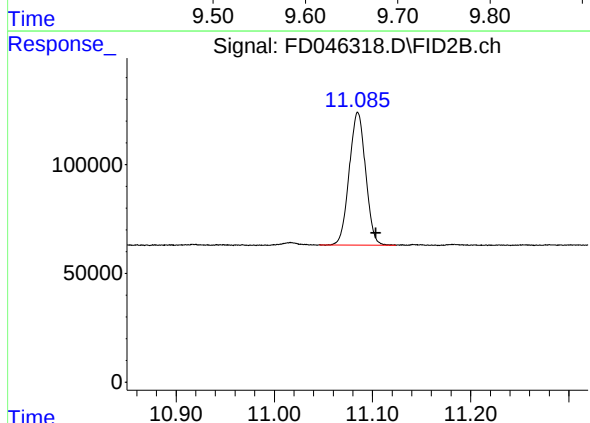
R.T.: 8.063 min
Delta R.T.: -0.014 min
Response: 657860
Conc: 4.14 ug/ml



#7 n-Hexadecane (C16)

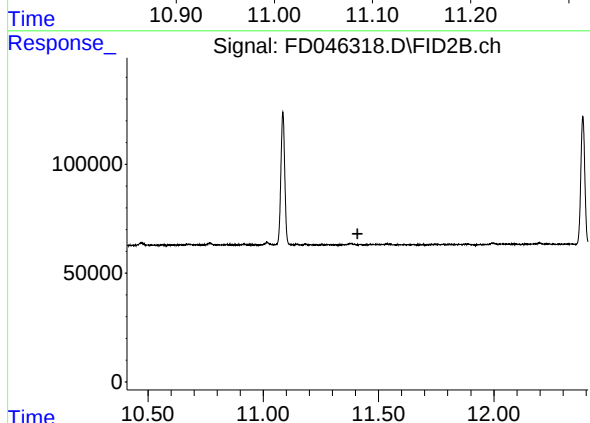
R.T.: 9.653 min
Delta R.T.: -0.016 min
Response: 666528
Conc: 4.10 ug/ml

Instrument :
FID_D
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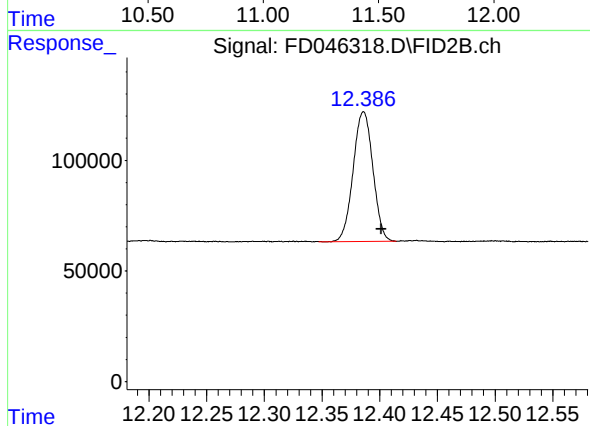
#8 n-Octadecane (C18)

R.T.: 11.085 min
Delta R.T.: -0.018 min
Response: 708401
Conc: 4.39 ug/ml



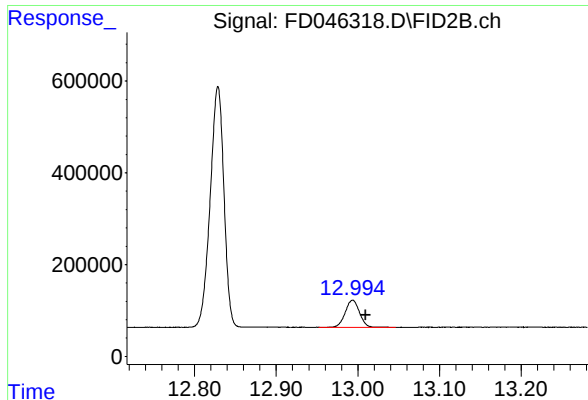
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.409 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

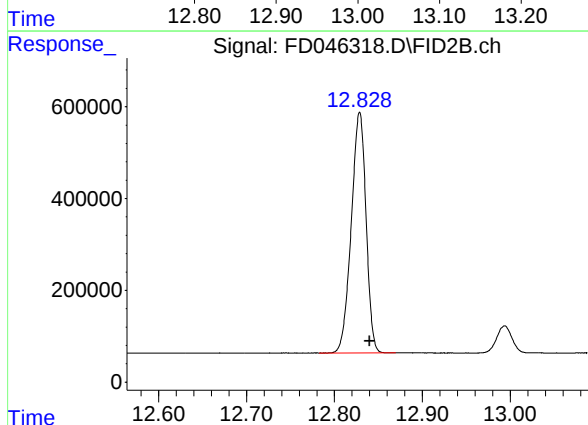
R.T.: 12.386 min
Delta R.T.: -0.015 min
Response: 698468
Conc: 4.68 ug/ml



#11 n-Heneicosane (C21)

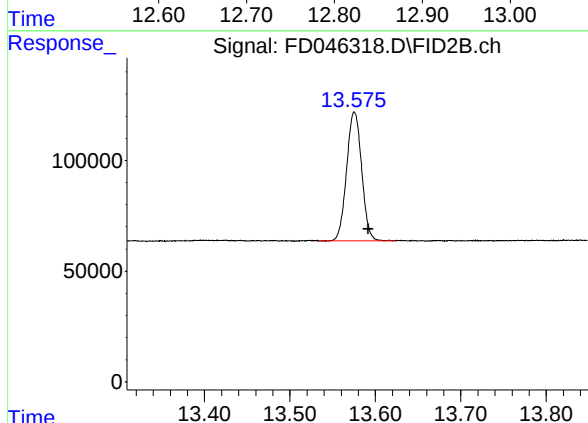
R.T.: 12.994 min
Delta R.T.: -0.016 min
Response: 717369
Conc: 4.97 ug/ml

Instrument :
FID_D
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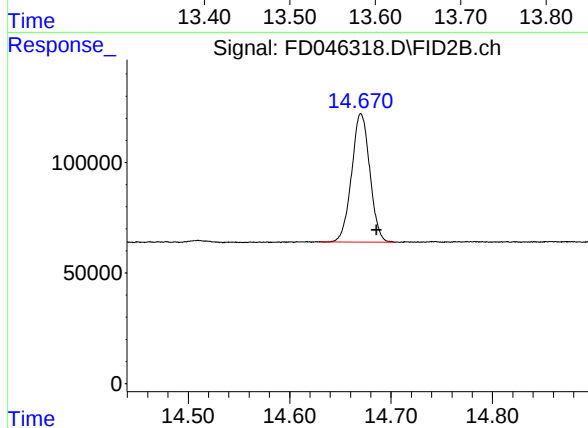
#12 1-chlorooctadecane (SURR)

R.T.: 12.829 min
Delta R.T.: -0.011 min
Response: 6125939
Conc: 50.91 ug/ml



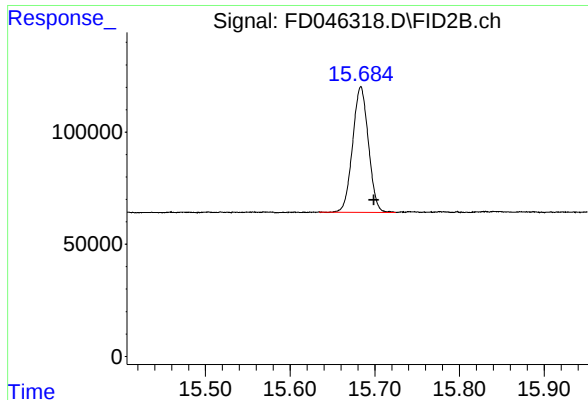
#13 n-Docosane (C22)

R.T.: 13.575 min
Delta R.T.: -0.016 min
Response: 710512
Conc: 5.09 ug/ml



#14 n-Tetracosane (C24)

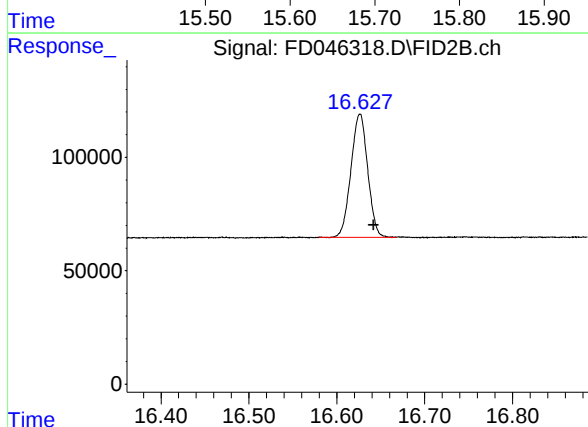
R.T.: 14.670 min
Delta R.T.: -0.016 min
Response: 724065
Conc: 5.26 ug/ml



#15 n-Hexacosane (C26)

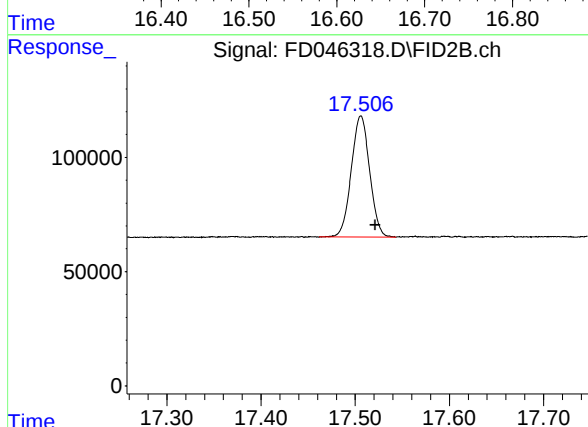
R.T.: 15.684 min
Delta R.T.: -0.016 min
Response: 726442
Conc: 5.68 ug/ml

Instrument :
FID_D
ClientSampleId :
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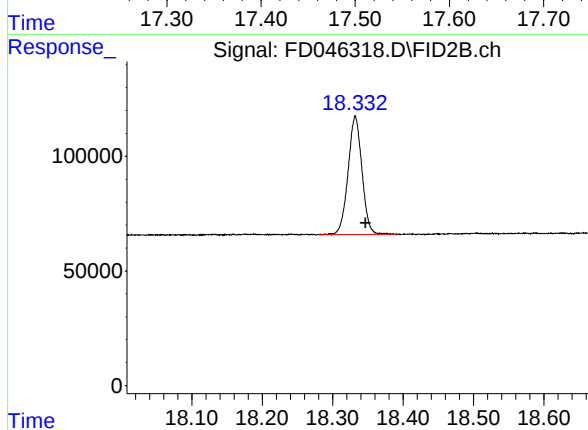
#16 n-Octacosane (C28)

R.T.: 16.626 min
Delta R.T.: -0.016 min
Response: 718863
Conc: 5.90 ug/ml



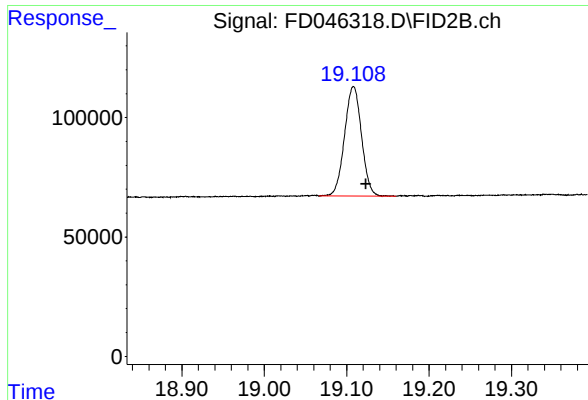
#17 n-Tricontane (C30)

R.T.: 17.506 min
Delta R.T.: -0.016 min
Response: 718072
Conc: 5.80 ug/ml



#18 n-Dotriacontane (C32)

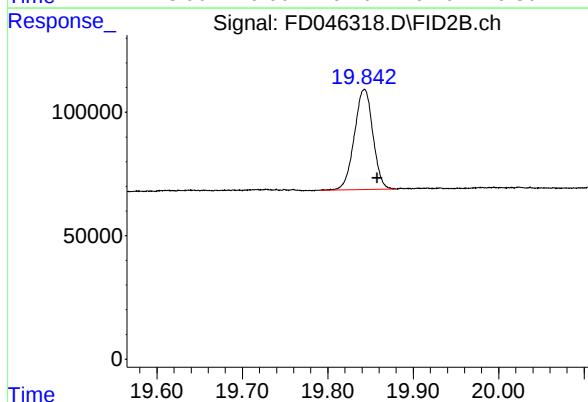
R.T.: 18.332 min
Delta R.T.: -0.015 min
Response: 707954
Conc: 5.80 ug/ml



#19 n-Tetratriacontane (C34)

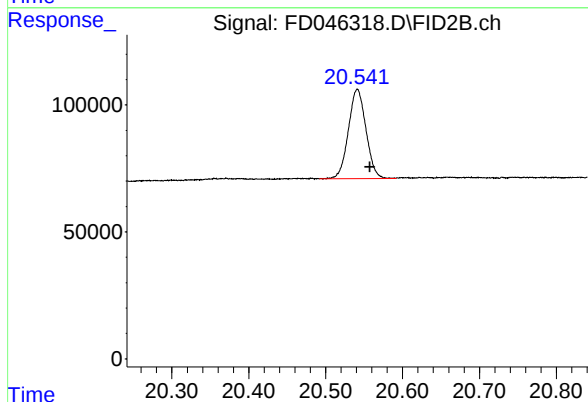
R.T.: 19.108 min
Delta R.T.: -0.015 min
Response: 659360
Conc: 5.15 ug/ml

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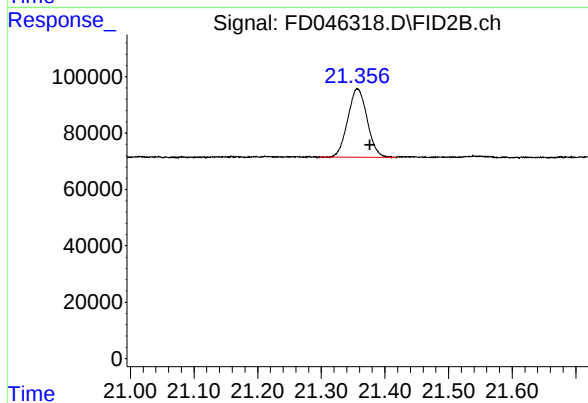
#20 n-Hexatriacontane (C36)

R.T.: 19.843 min
Delta R.T.: -0.015 min
Response: 611150
Conc: 5.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.541 min
Delta R.T.: -0.017 min
Response: 555800
Conc: 4.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.357 min
Delta R.T.: -0.020 min
Response: 514477
Conc: 4.80 ug/ml