

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122322AL\
 Data File : FE039467.D
 Signal(s) : FID1B.ch
 Acq On : 23 Dec 2022 19:07
 Operator : YP\AJ
 Sample : N6051-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-591MSD

Integration File: autoint1.e
 Quant Time: Dec 25 11:29:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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...	13.370	3484700	30.276 ug/ml
Spiked Amount 50.000		Recovery =	60.55%
Target Compounds			
1) T n-Nonane (C9)	3.325	2290864	17.723 ug/ml
2) T n-Decane (C10)	4.574	2721972	21.362 ug/ml
4) T n-Dodecane (C12)	6.739	3221607	24.815 ug/ml
6) T n-Tetradecane (C14)	8.565	3406848	25.710 ug/ml
7) T n-Hexadecane (C16)	10.172	3765737	27.373 ug/ml
8) T n-Octadecane (C18)	11.616	3899934	27.844 ug/ml
10) T n-Eicosane (C20)	12.924	3620355	26.521 ug/ml
11) T n-Heneicosane (C21)	13.536	3501814	25.675 ug/ml
13) T n-Docosane (C22)	14.123	3437608	25.412 ug/ml
14) T n-Tetracosane (C24)	15.226	3283055	24.457 ug/ml
15) T n-Hexacosane (C26)	16.246	3125284	24.002 ug/ml
16) T n-Octacosane (C28)	17.196	2964597	23.035 ug/ml
17) T n-Tricontane (C30)	18.085	2794055	21.701 ug/ml
18) T n-Dotriacontane (C32)	18.918	2823823	21.805 ug/ml
19) T n-Tetratriacontane (C34)	19.703	3174983	25.166 ug/ml
20) T n-Hexatriacontane (C36)	20.445	3402385	28.138 ug/ml
21) T n-Octatriacontane (C38)	21.184	4057937	32.858 ug/ml
22) T n-Tetracontane (C40)	22.102	4600725	36.635 ug/ml

(f)=RT Delta > 1/2 Window

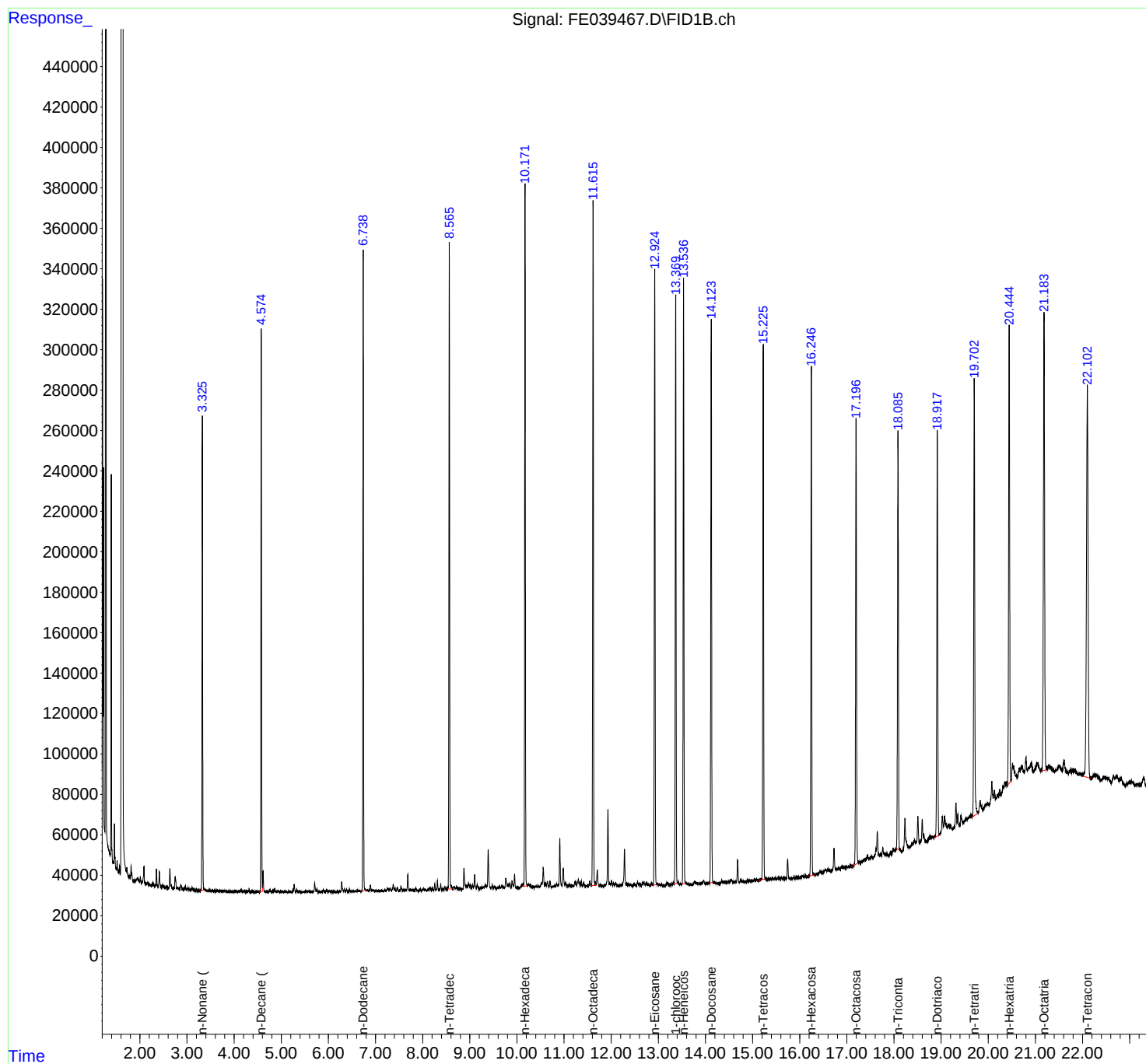
(m)=manual int.

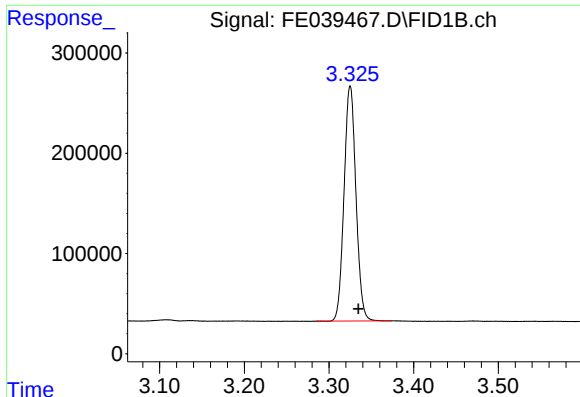
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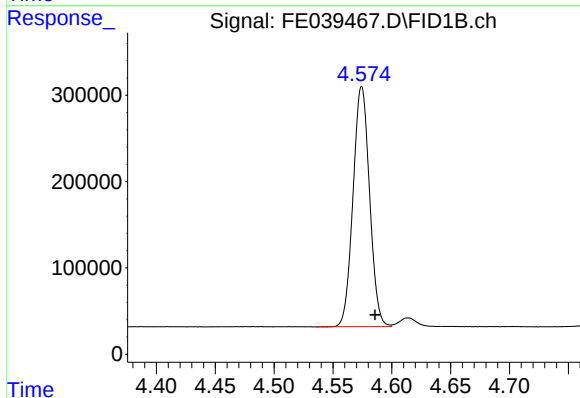




#1 n-Nonane (C9)

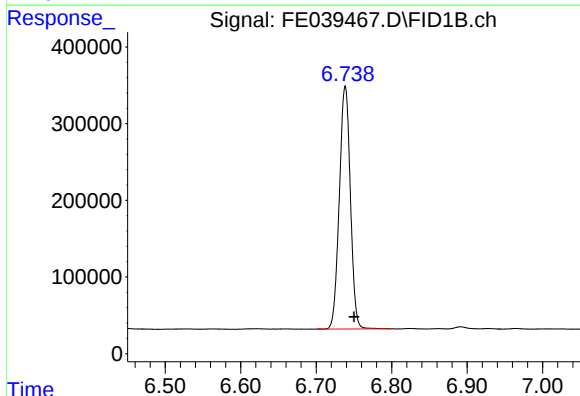
R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2290864
Conc: 17.72 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-591MSD



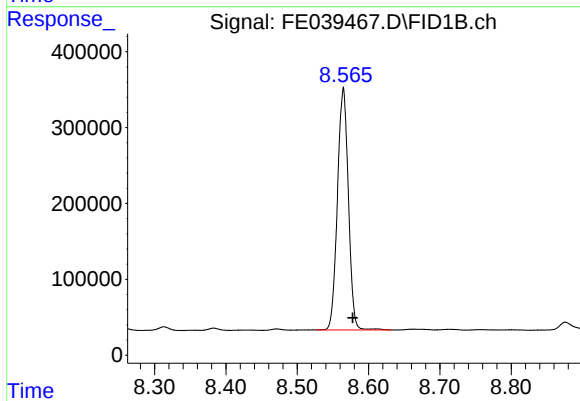
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.011 min
Response: 2721972
Conc: 21.36 ug/ml



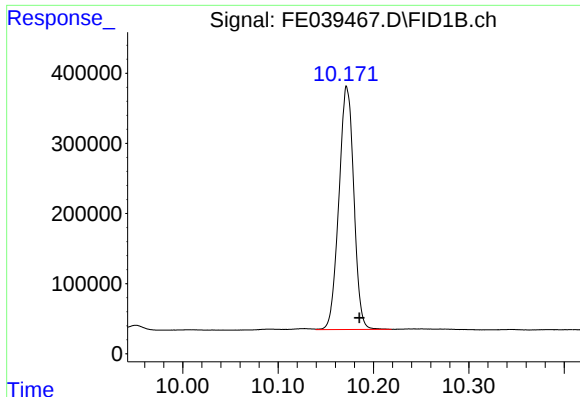
#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: -0.012 min
Response: 3221607
Conc: 24.82 ug/ml



#6 n-Tetradecane (C14)

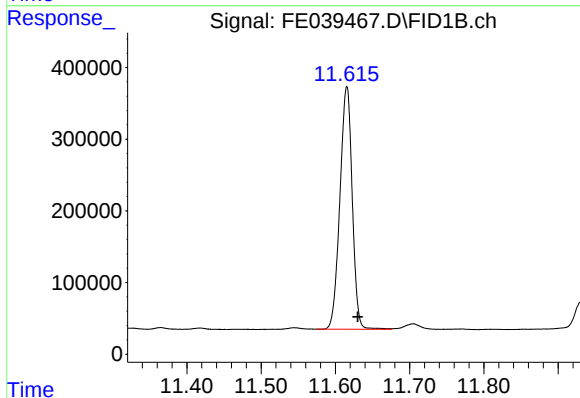
R.T.: 8.565 min
Delta R.T.: -0.013 min
Response: 3406848
Conc: 25.71 ug/ml



#7 n-Hexadecane (C16)

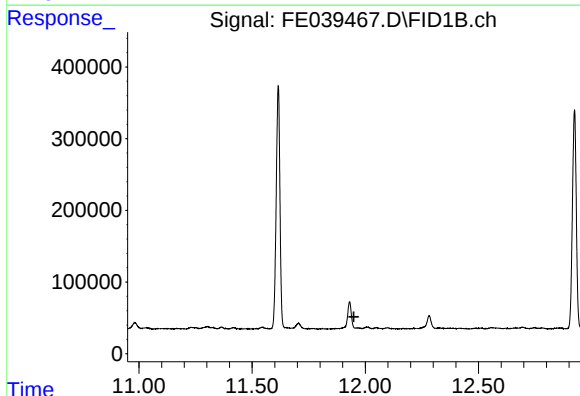
R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 3765737
Conc: 27.37 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-591MSD



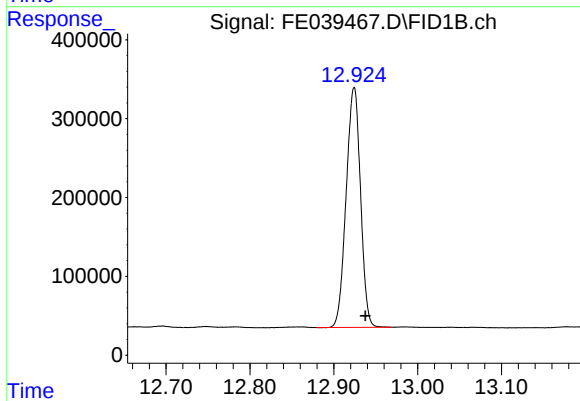
#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.015 min
Response: 3899934
Conc: 27.84 ug/ml



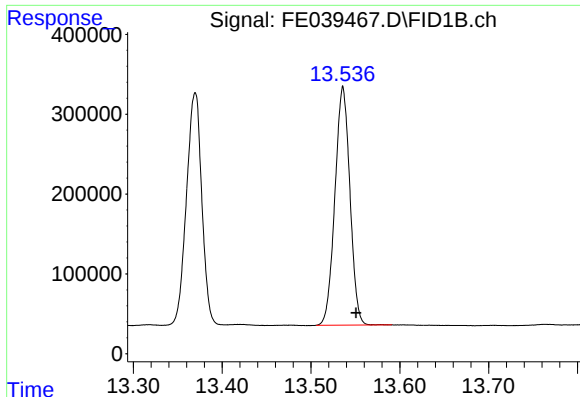
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.950 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

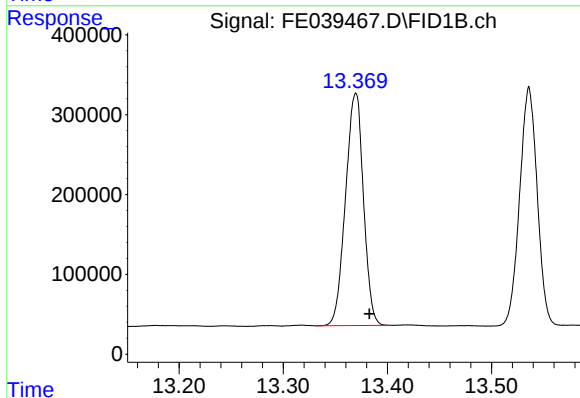
R.T.: 12.924 min
Delta R.T.: -0.013 min
Response: 3620355
Conc: 26.52 ug/ml



#11 n-Heneicosane (C21)

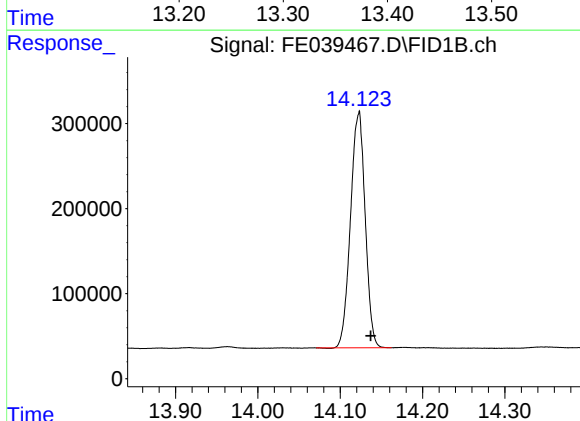
R.T.: 13.536 min
Delta R.T.: -0.015 min
Response: 3501814
Conc: 25.67 ug/ml

Instrument :
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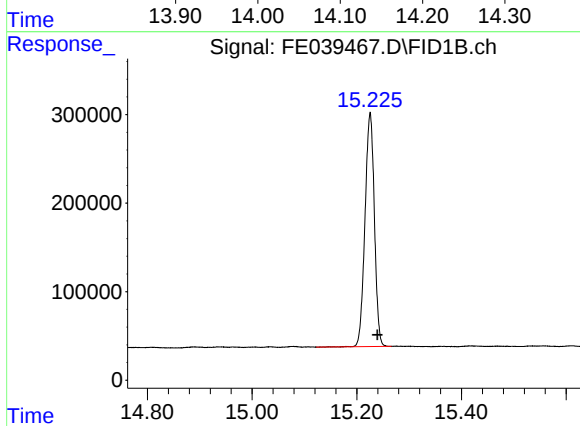
#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.013 min
Response: 3484700
Conc: 30.28 ug/ml



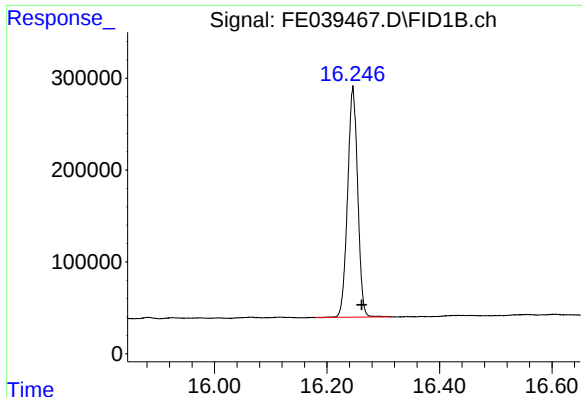
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.014 min
Response: 3437608
Conc: 25.41 ug/ml



#14 n-Tetracosane (C24)

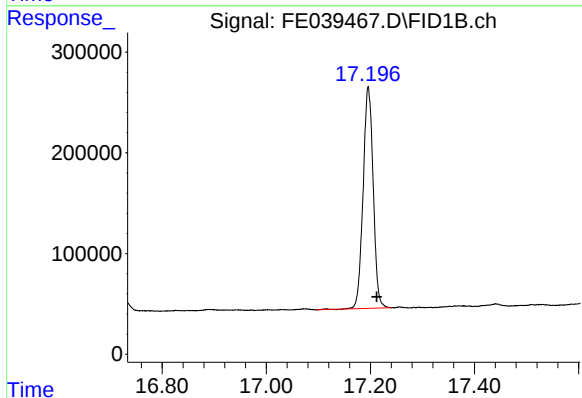
R.T.: 15.226 min
Delta R.T.: -0.014 min
Response: 3283055
Conc: 24.46 ug/ml



#15 n-Hexacosane (C26)

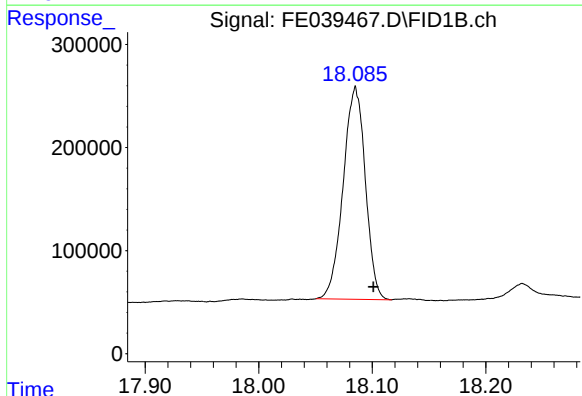
R.T.: 16.246 min
Delta R.T.: -0.016 min
Response: 3125284
Conc: 24.00 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-591MSD



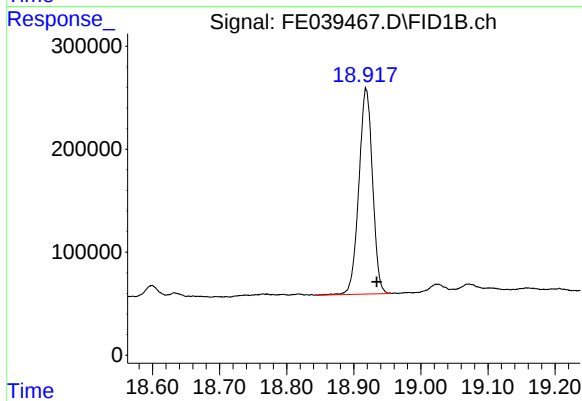
#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.016 min
Response: 2964597
Conc: 23.03 ug/ml



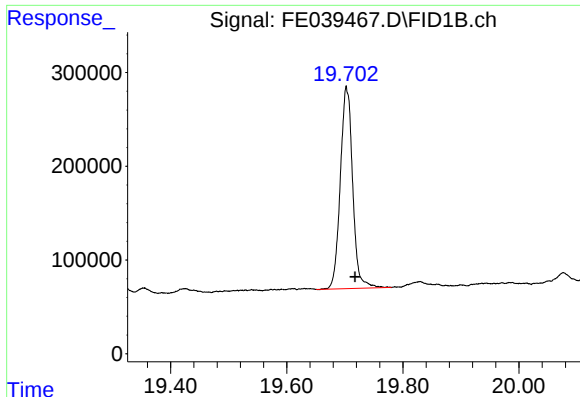
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.016 min
Response: 2794055
Conc: 21.70 ug/ml



#18 n-Dotriacontane (C32)

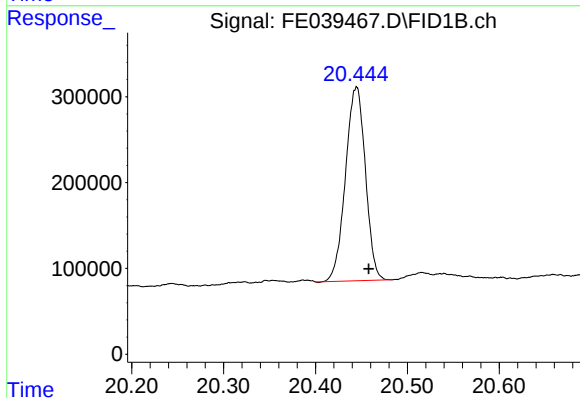
R.T.: 18.918 min
Delta R.T.: -0.016 min
Response: 2823823
Conc: 21.81 ug/ml



#19 n-Tetratriacontane (C34)

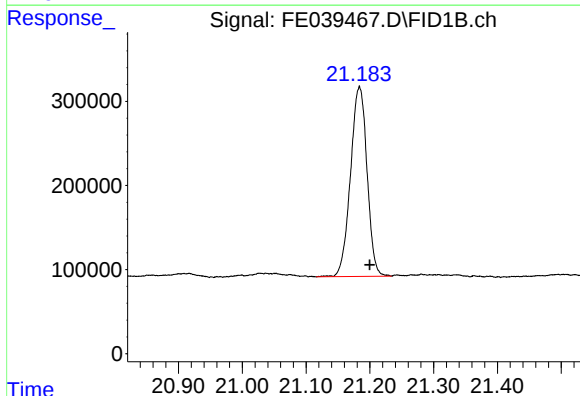
R.T.: 19.703 min
Delta R.T.: -0.015 min
Response: 3174983
Conc: 25.17 ug/ml

Instrument :
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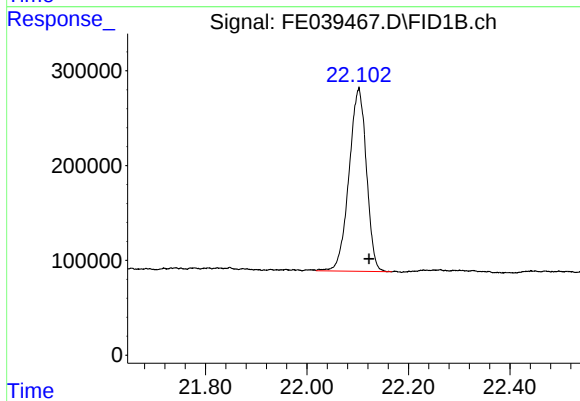
#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.013 min
Response: 3402385
Conc: 28.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.016 min
Response: 4057937
Conc: 32.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.020 min
Response: 4600725
Conc: 36.63 ug/ml