

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081122AL\
 Data File : FD043547.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2022 17:02
 Operator : YP/AJ
 Sample : N3980-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 17:49:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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...	12.960	3762200	30.697 ug/ml
Spiked Amount 50.000		Recovery =	61.39%
Target Compounds			
1) T n-Nonane (C9)	3.304	337370	2.407 ug/ml
2) T n-Decane (C10)	4.367	403405	2.869 ug/ml
4) T n-Dodecane (C12)	6.380	495986	3.485 ug/ml
6) T n-Tetradecane (C14)	8.171	492031	3.469 ug/ml
7) T n-Hexadecane (C16)	9.769	486631	3.431 ug/ml
8) T n-Octadecane (C18)	11.208	523960	3.664 ug/ml
10) T n-Eicosane (C20)	12.514	533482	3.684 ug/ml
11) T n-Heneicosane (C21)	13.125	533751	3.675 ug/ml
13) T n-Docosane (C22)	13.710	531067	3.661 ug/ml
14) T n-Tetracosane (C24)	14.809	546029	3.769 ug/ml
15) T n-Hexacosane (C26)	15.827	502428	3.493 ug/ml
16) T n-Octacosane (C28)	16.774	488377	3.452 ug/ml
17) T n-Tricontane (C30)	17.659	490030	3.472 ug/ml
18) T n-Dotriacontane (C32)	18.489	492400	3.561 ug/ml
19) T n-Tetratriacontane (C34)	19.269	470929	3.660 ug/ml
20) T n-Hexatriacontane (C36)	20.007	456351	3.700 ug/ml
21) T n-Octatriacontane (C38)	20.728	443915	3.754 ug/ml
22) T n-Tetracontane (C40)	21.601	430140	3.804 ug/ml

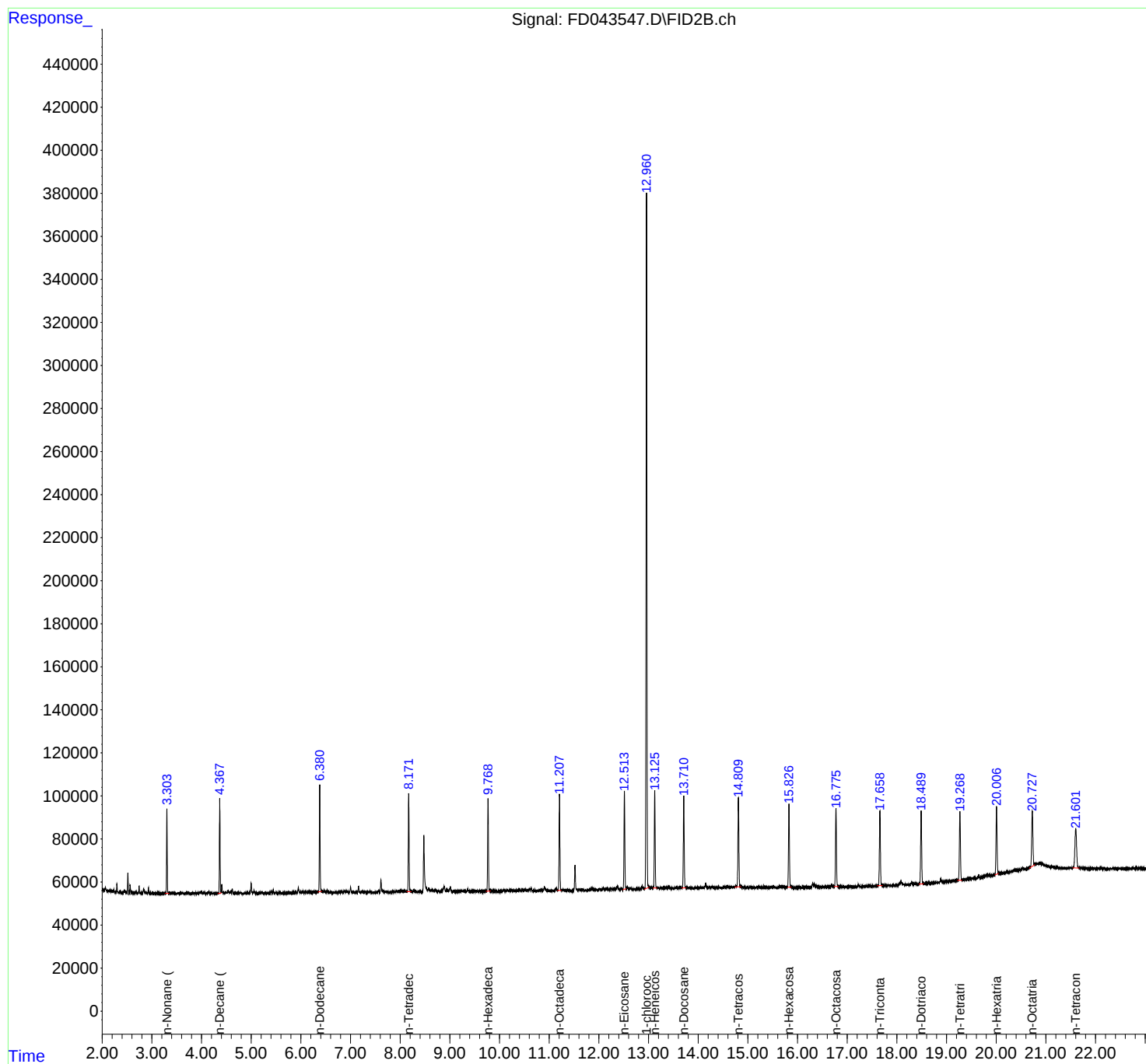
(f)=RT Delta > 1/2 Window

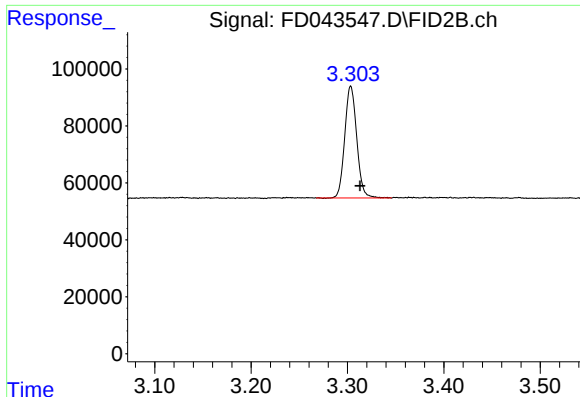
(m)=manual int.

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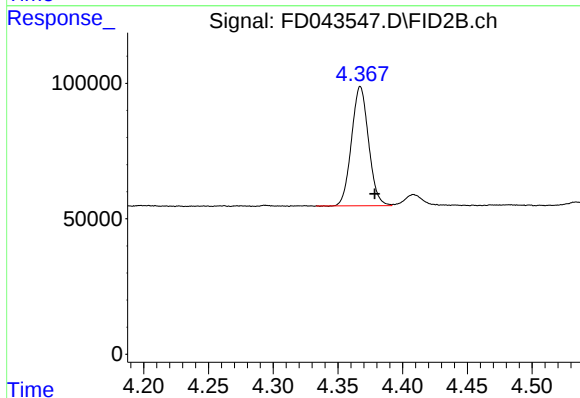
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Signal Info : 20M x 0.18mm x 0.18um





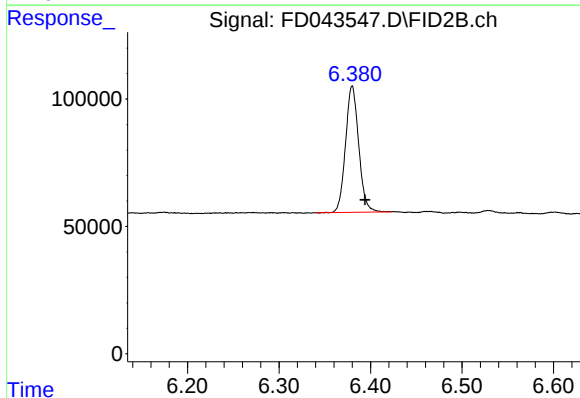
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.009 min
Response: 337370
Conc: 2.41 ug/ml



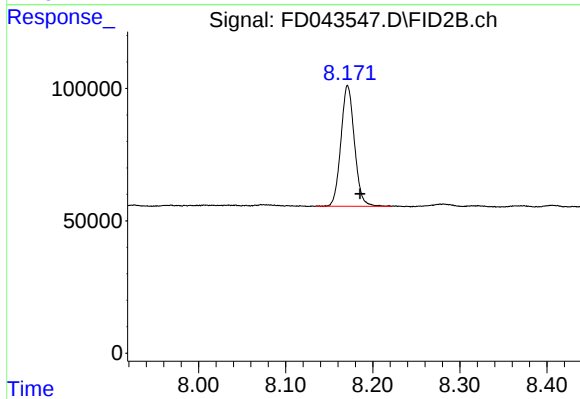
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.011 min
Response: 403405
Conc: 2.87 ug/ml



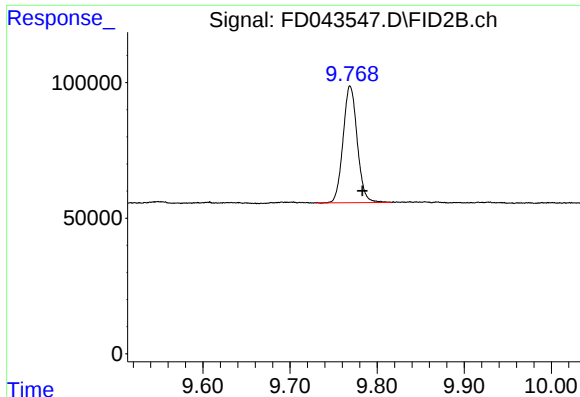
#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.014 min
Response: 495986
Conc: 3.48 ug/ml



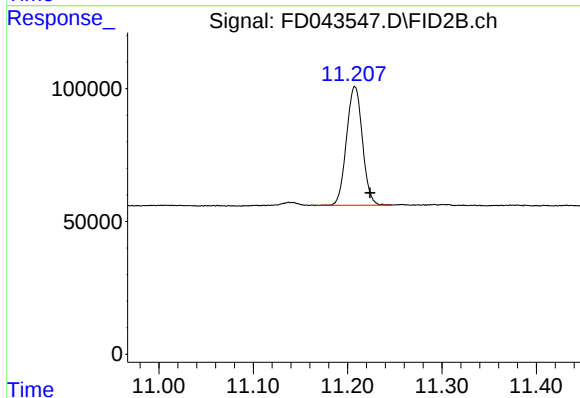
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.014 min
Response: 492031
Conc: 3.47 ug/ml



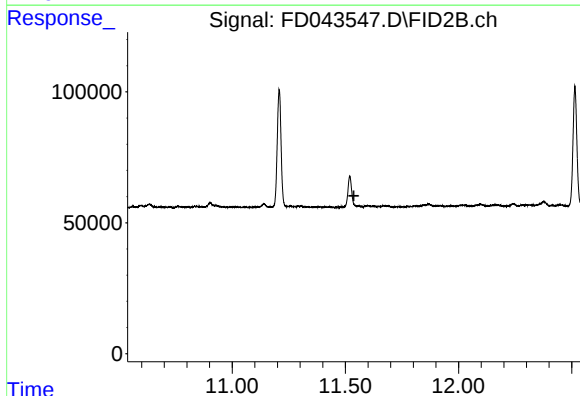
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.014 min
Response: 486631
Conc: 3.43 ug/ml



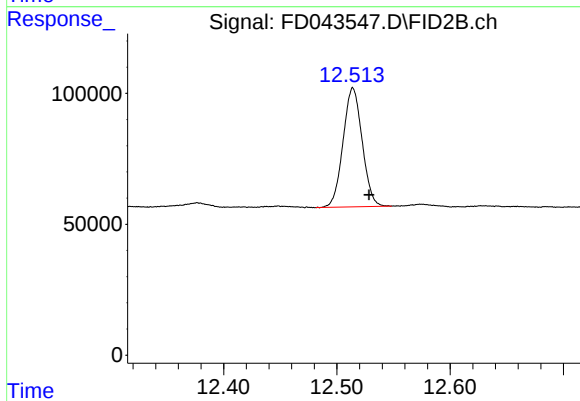
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.016 min
Response: 523960
Conc: 3.66 ug/ml



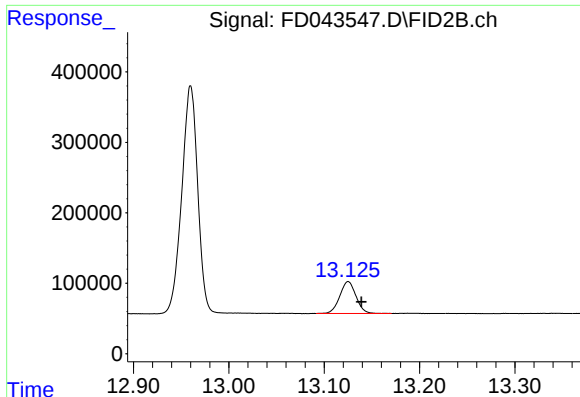
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



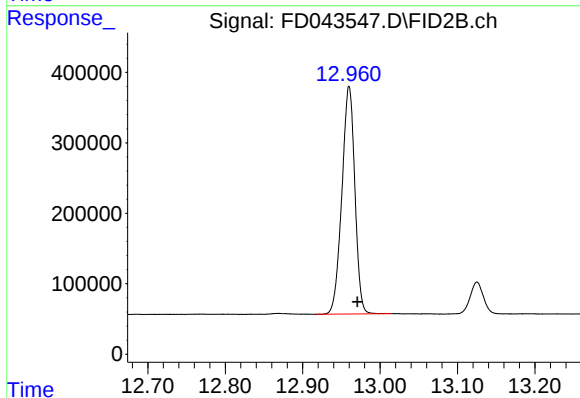
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.014 min
Response: 533482
Conc: 3.68 ug/ml



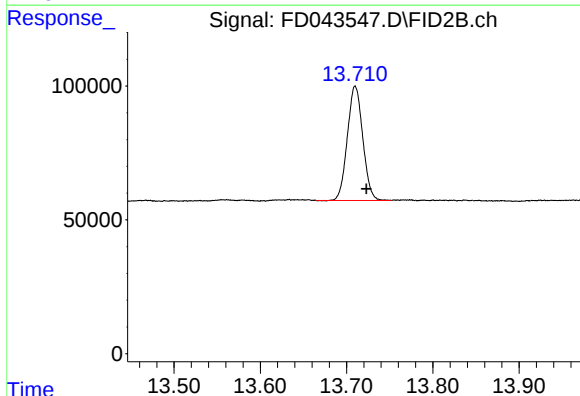
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.014 min
Response: 533751
Conc: 3.67 ug/ml



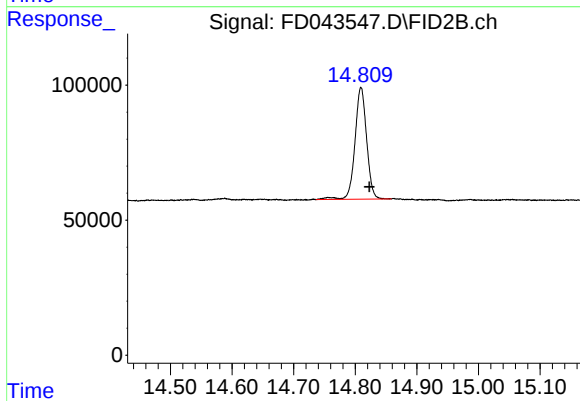
#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: -0.011 min
Response: 3762200
Conc: 30.70 ug/ml



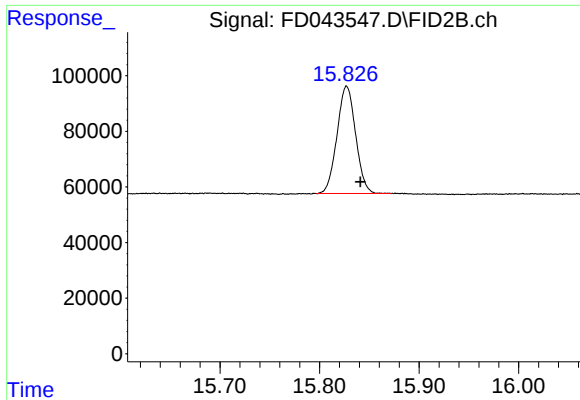
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.013 min
Response: 531067
Conc: 3.66 ug/ml



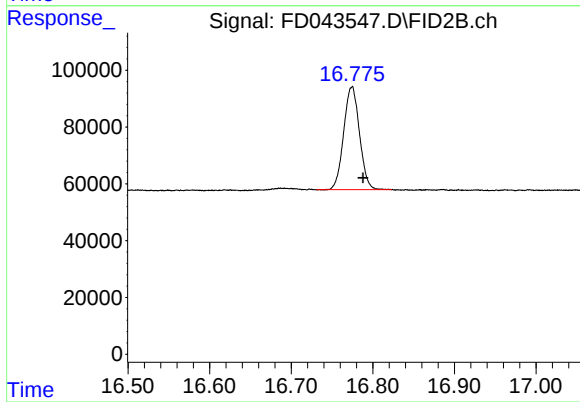
#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: -0.014 min
Response: 546029
Conc: 3.77 ug/ml



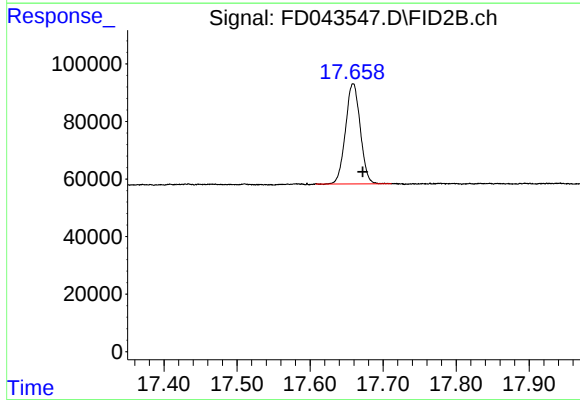
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.014 min
Response: 502428
Conc: 3.49 ug/ml



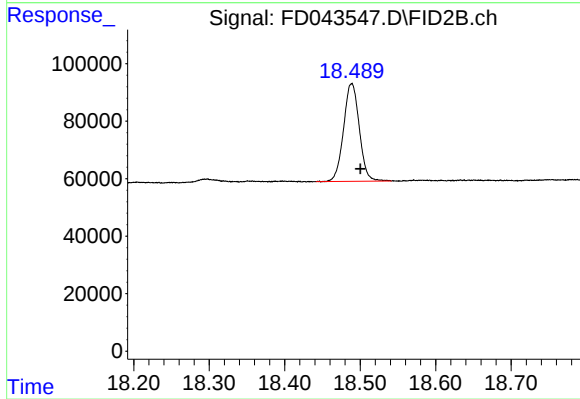
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.013 min
Response: 488377
Conc: 3.45 ug/ml



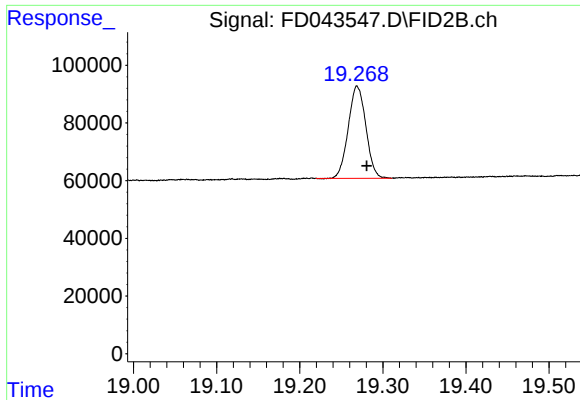
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.013 min
Response: 490030
Conc: 3.47 ug/ml



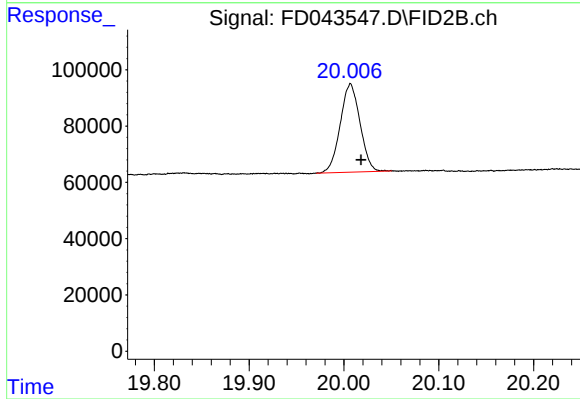
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: -0.011 min
Response: 492400
Conc: 3.56 ug/ml



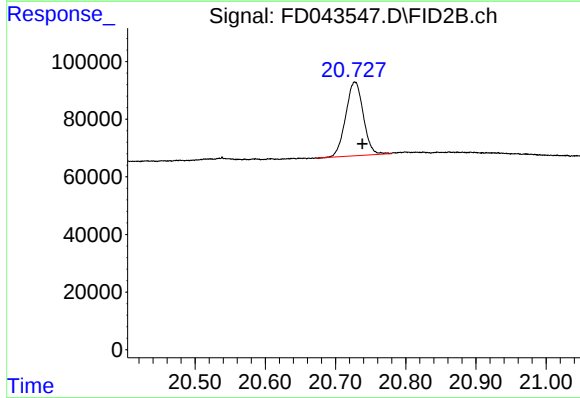
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.012 min
Response: 470929
Conc: 3.66 ug/ml



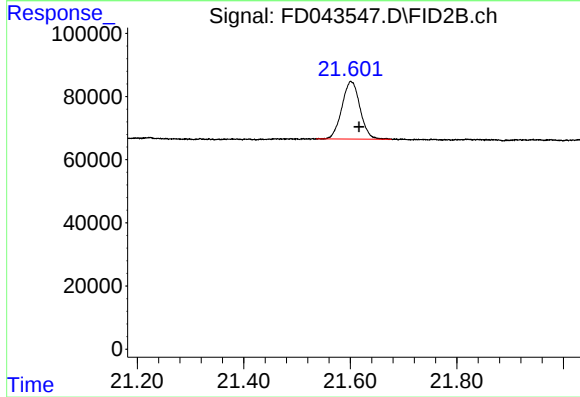
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.011 min
Response: 456351
Conc: 3.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 443915
Conc: 3.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: -0.015 min
Response: 430140
Conc: 3.80 ug/ml