

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037031.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 15:42
 Operator : YP\AJ
 Sample : N3980-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 12 17:40:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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...	13.258	5043631	34.558 ug/ml
Spiked Amount 50.000		Recovery =	69.12%
Target Compounds			
1) T n-Nonane (C9)	3.209	394247	2.565 ug/ml
2) T n-Decane (C10)	4.461	455608	2.981 ug/ml
4) T n-Dodecane (C12)	6.630	574623	3.679 ug/ml
6) T n-Tetradecane (C14)	8.457	579604	3.668 ug/ml
7) T n-Hexadecane (C16)	10.063	573853	3.608 ug/ml
8) T n-Octadecane (C18)	11.504	652030	3.971 ug/ml
10) T n-Eicosane (C20)	12.812	703341	4.284 ug/ml
11) T n-Heneicosane (C21)	13.423	700737	4.264 ug/ml
13) T n-Docosane (C22)	14.009	697846	4.289 ug/ml
14) T n-Tetracosane (C24)	15.111	715461	4.427 ug/ml
15) T n-Hexacosane (C26)	16.132	707395	4.460 ug/ml
16) T n-Octacosane (C28)	17.082	705255	4.537 ug/ml
17) T n-Tricontane (C30)	17.969	732288	5.021 ug/ml
18) T n-Dotriacontane (C32)	18.801	728722	6.271 ug/ml
19) T n-Tetratriacontane (C34)	19.585	671852	8.153 ug/ml
20) T n-Hexatriacontane (C36)	20.327	615851	10.194 ug/ml
21) T n-Octatriacontane (C38)	21.047	571573	11.207 ug/ml
22) T n-Tetracontane (C40)	21.920	559997	11.635 ug/ml

(f)=RT Delta > 1/2 Window

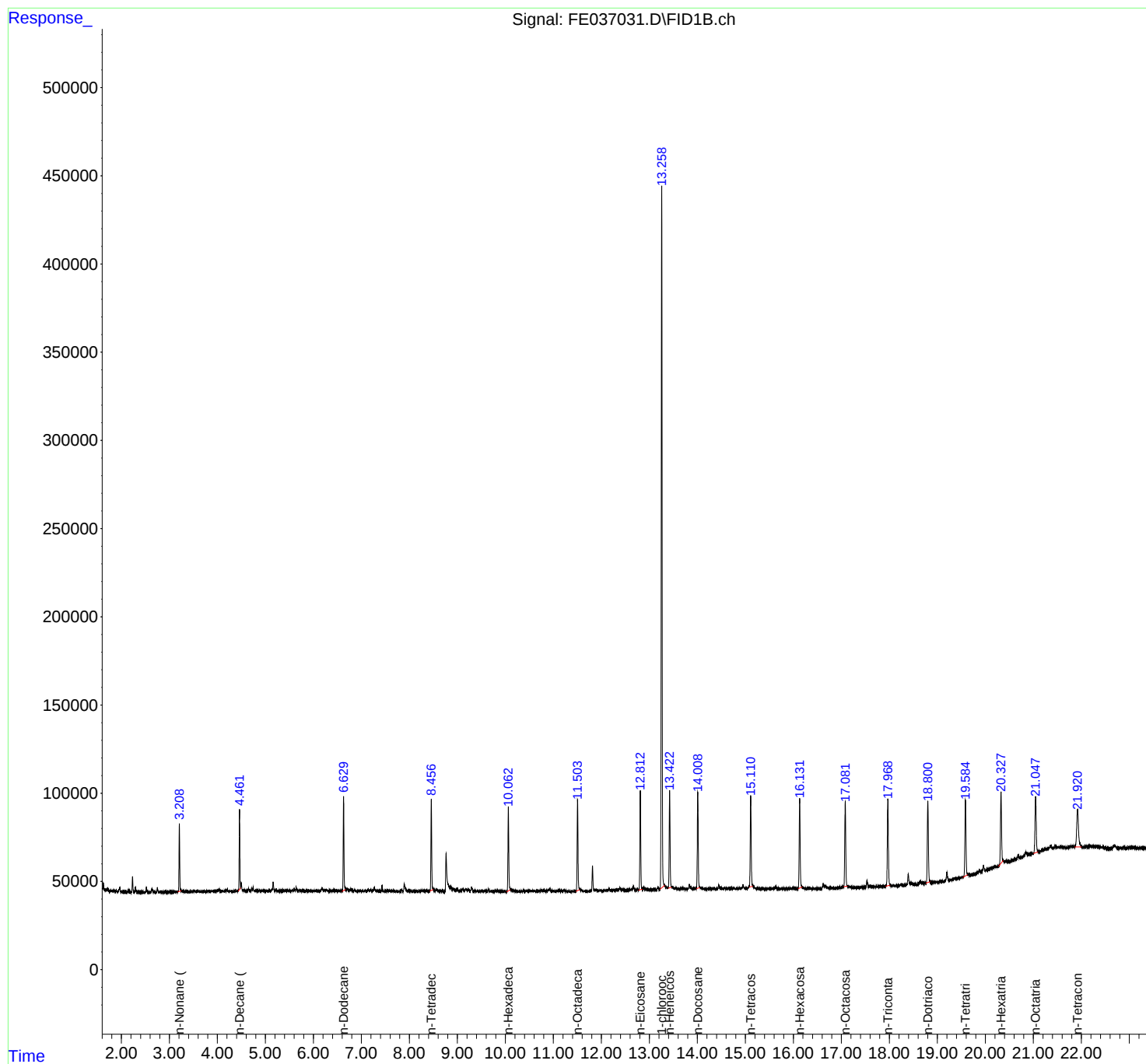
(m)=manual int.

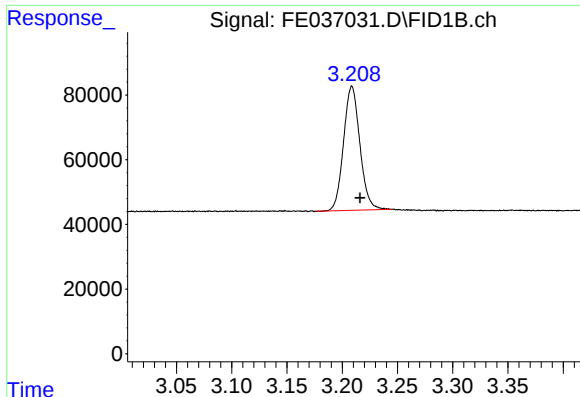
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
Data File : FE037031.D
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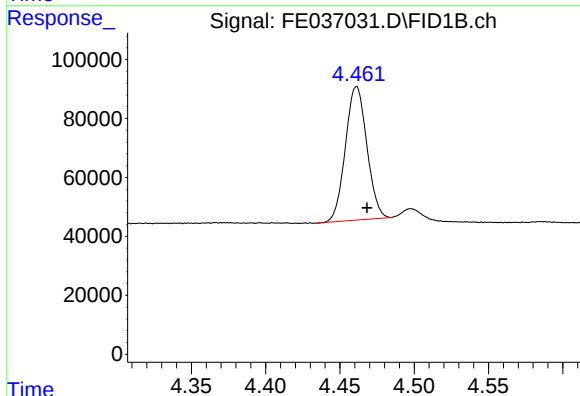




#1 n-Nonane (C9)

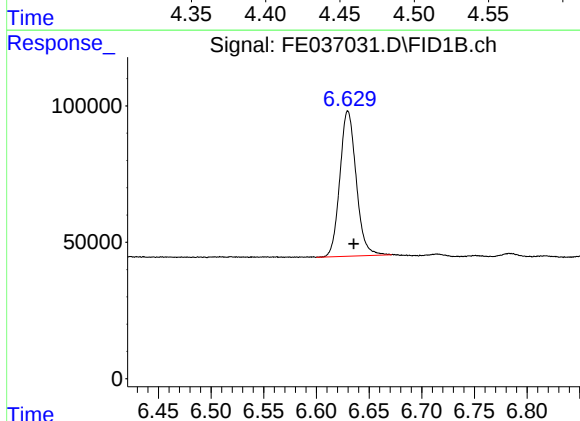
R.T.: 3.209 min
Delta R.T.: -0.007 min
Response: 394247
Conc: 2.57 ug/ml

Instrument :
FID_E
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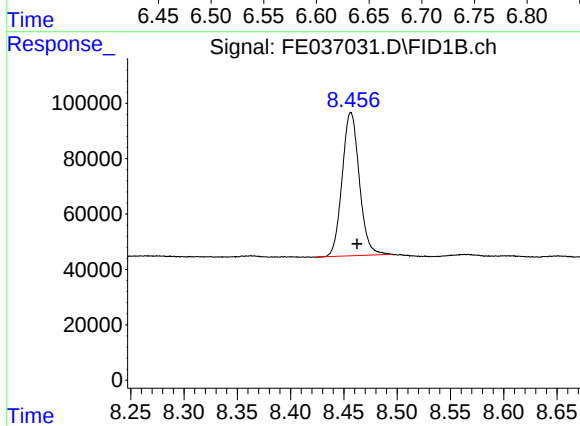
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: -0.007 min
Response: 455608
Conc: 2.98 ug/ml



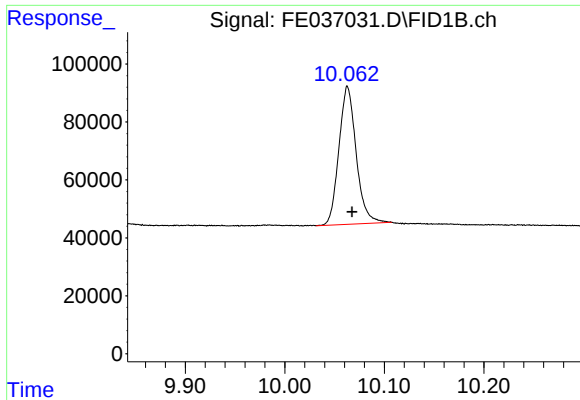
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.006 min
Response: 574623
Conc: 3.68 ug/ml



#6 n-Tetradecane (C14)

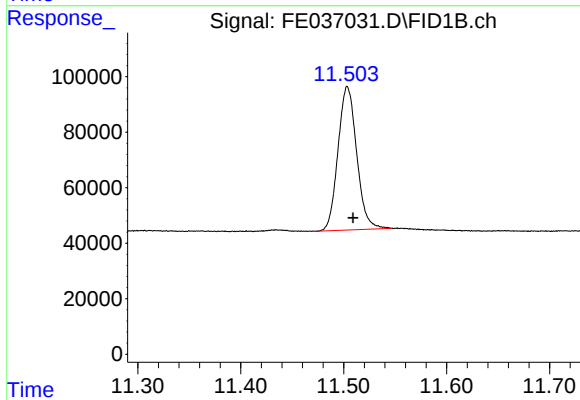
R.T.: 8.457 min
Delta R.T.: -0.006 min
Response: 579604
Conc: 3.67 ug/ml



#7 n-Hexadecane (C16)

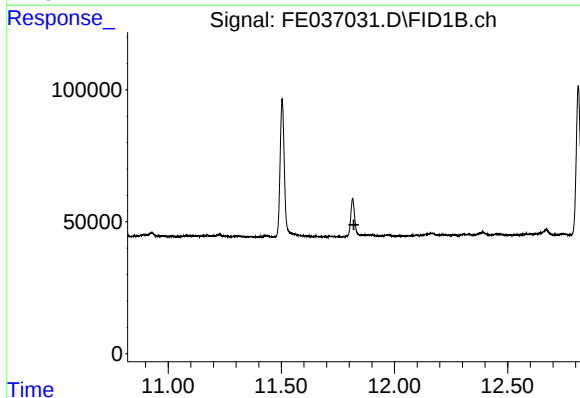
R.T.: 10.063 min
Delta R.T.: -0.004 min
Response: 573853
Conc: 3.61 ug/ml

Instrument :
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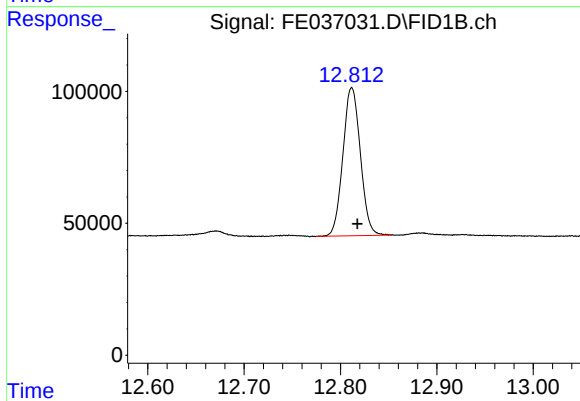
#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 652030
Conc: 3.97 ug/ml



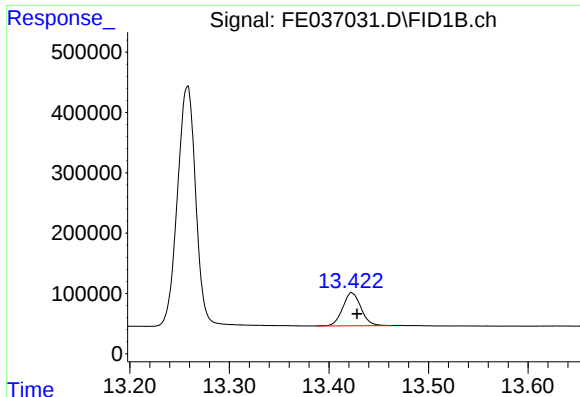
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

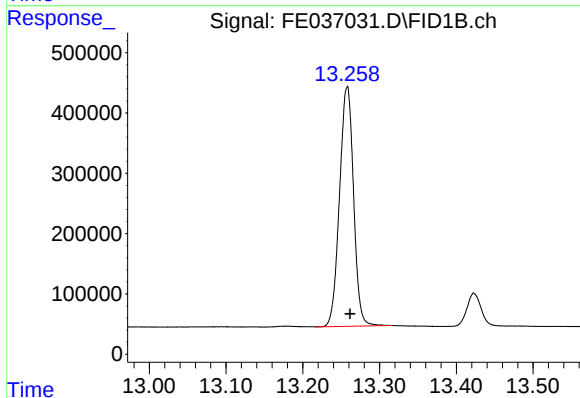
R.T.: 12.812 min
Delta R.T.: -0.006 min
Response: 703341
Conc: 4.28 ug/ml



#11 n-Heneicosane (C21)

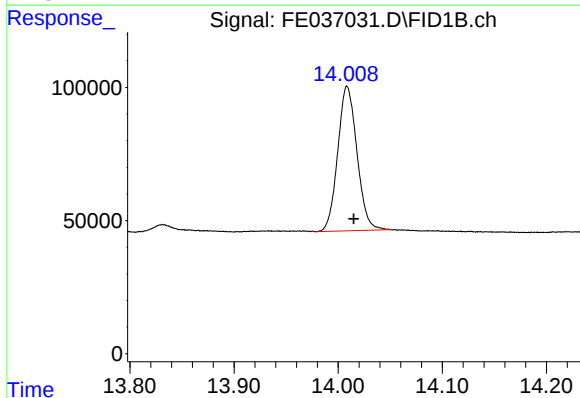
R.T.: 13.423 min
Delta R.T.: -0.005 min
Response: 700737
Conc: 4.26 ug/ml

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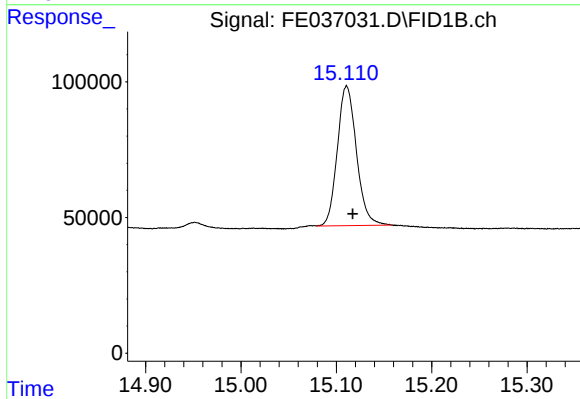
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.004 min
Response: 5043631
Conc: 34.56 ug/ml



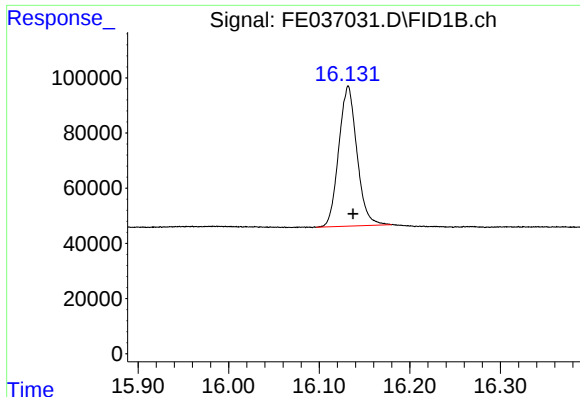
#13 n-Docosane (C22)

R.T.: 14.009 min
Delta R.T.: -0.006 min
Response: 697846
Conc: 4.29 ug/ml



#14 n-Tetracosane (C24)

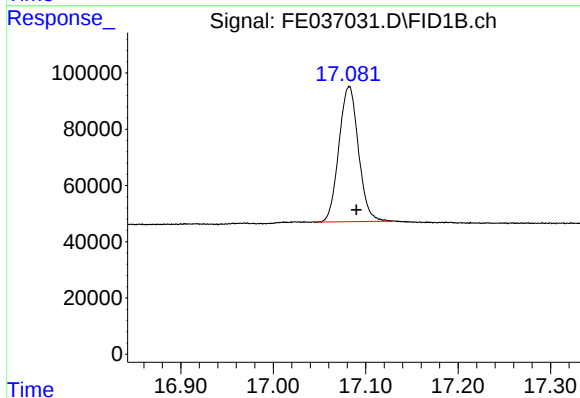
R.T.: 15.111 min
Delta R.T.: -0.007 min
Response: 715461
Conc: 4.43 ug/ml



#15 n-Hexacosane (C26)

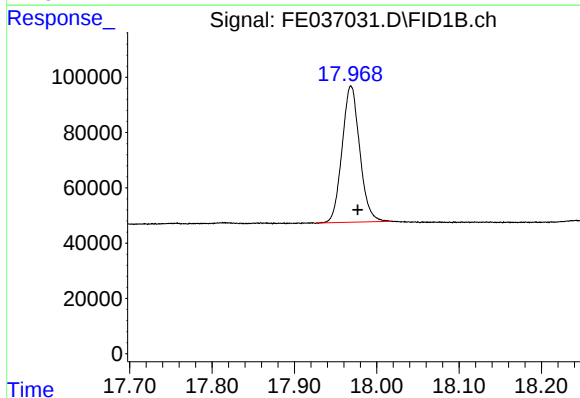
R.T.: 16.132 min
Delta R.T.: -0.005 min
Response: 707395
Conc: 4.46 ug/ml

Instrument :
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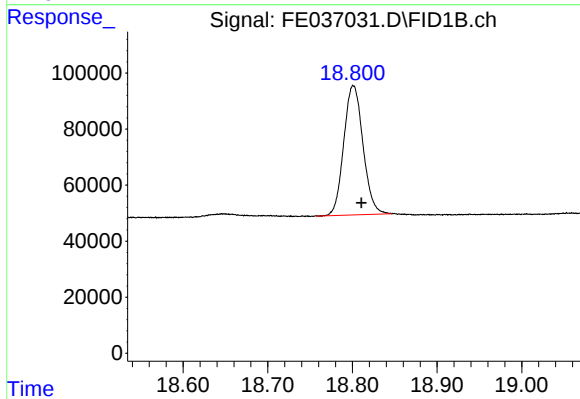
#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: -0.008 min
Response: 705255
Conc: 4.54 ug/ml



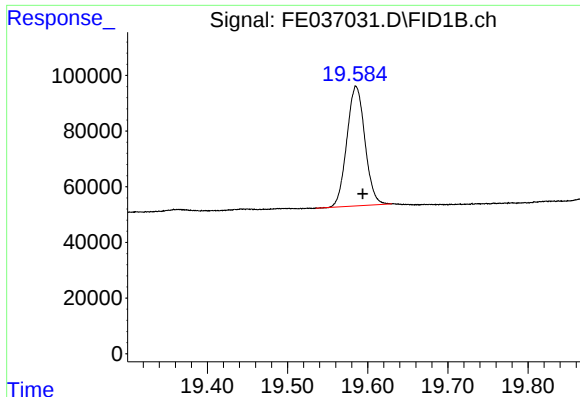
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: -0.008 min
Response: 732288
Conc: 5.02 ug/ml



#18 n-Dotriacontane (C32)

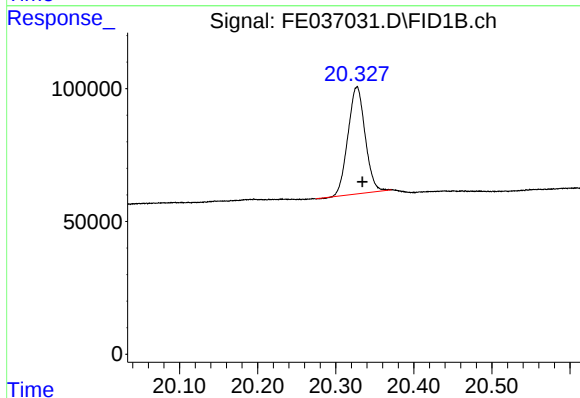
R.T.: 18.801 min
Delta R.T.: -0.009 min
Response: 728722
Conc: 6.27 ug/ml



#19 n-Tetratriacontane (C34)

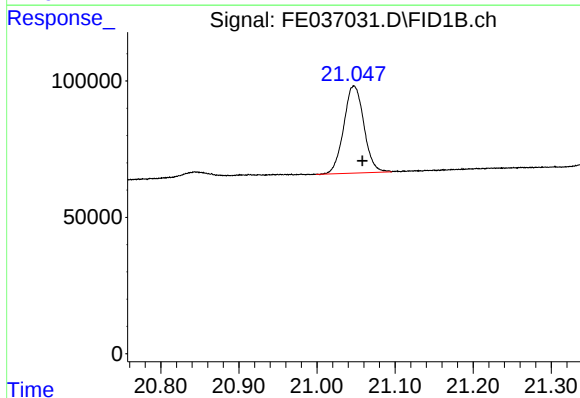
R.T.: 19.585 min
Delta R.T.: -0.008 min
Response: 671852
Conc: 8.15 ug/ml

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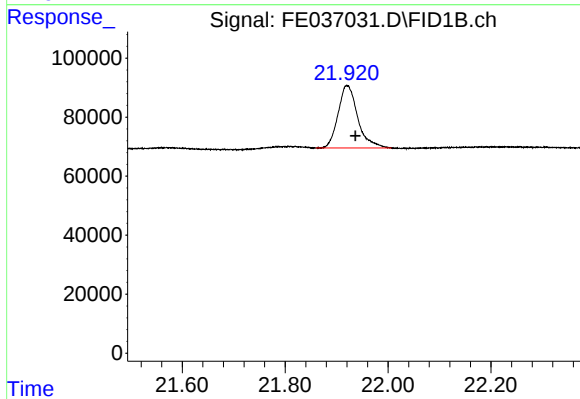
#20 n-Hexatriacontane (C36)

R.T.: 20.327 min
Delta R.T.: -0.007 min
Response: 615851
Conc: 10.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.047 min
Delta R.T.: -0.011 min
Response: 571573
Conc: 11.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: -0.016 min
Response: 559997
Conc: 11.63 ug/ml