

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040592.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 11:04
 Operator : YP\AJ
 Sample : 01627-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Integration File: autoint1.e
 Quant Time: Mar 01 02:55:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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...	13.320	9037791	61.064 ug/ml
Spiked Amount 50.000		Recovery =	122.13%
Target Compounds			
1) T n-Nonane (C9)	3.280	233361	1.517 ug/ml
2) T n-Decane (C10)	4.527	279729	1.859 ug/ml
4) T n-Dodecane (C12)	6.689	349609	2.284 ug/ml
6) T n-Tetradecane (C14)	8.517	338794	2.192 ug/ml
7) T n-Hexadecane (C16)	10.123	380501	2.356 ug/ml
8) T n-Octadecane (C18)	11.563	452439	2.665 ug/ml
10) T n-Eicosane (C20)	12.872	485129	2.868 ug/ml
11) T n-Heneicosane (C21)	13.484	461772	2.695 ug/ml
13) T n-Docosane (C22)	14.071	492033	2.872 ug/ml
14) T n-Tetracosane (C24)	15.174	509983	2.958 ug/ml
15) T n-Hexacosane (C26)	16.197	535952	3.153 ug/ml
16) T n-Octacosane (C28)	17.146	541155	3.227 ug/ml
17) T n-Tricontane (C30)	18.033	597939	3.662 ug/ml
18) T n-Dotriacontane (C32)	18.868	815132	4.763 ug/ml
19) T n-Tetratriacontane (C34)	19.652	553133	3.578 ug/ml
20) T n-Hexatriacontane (C36)	20.393	482971	3.324 ug/ml
21) T n-Octatriacontane (C38)	21.125	428557	3.118 ug/ml
22) T n-Tetracontane (C40)	22.018	425442	2.753 ug/ml

(f)=RT Delta > 1/2 Window

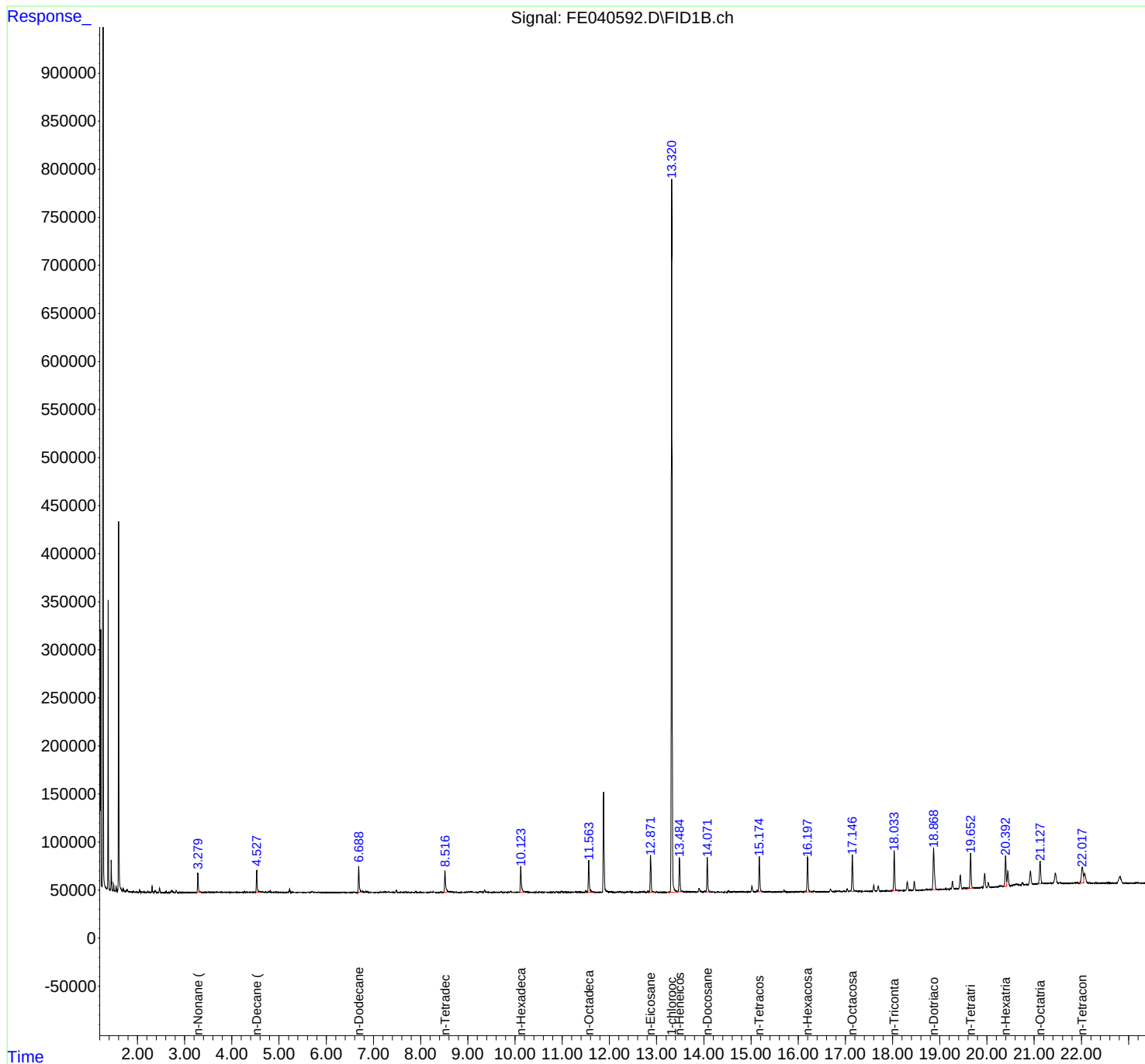
(m)=manual int.

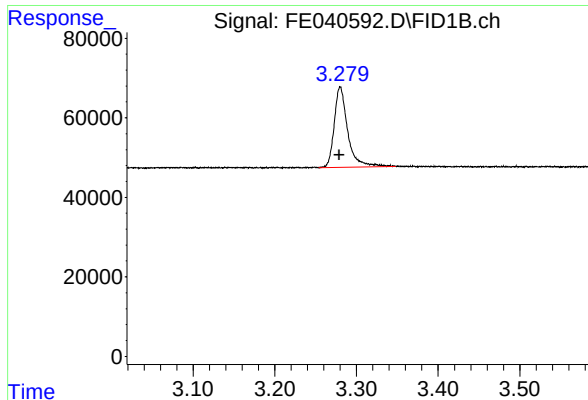
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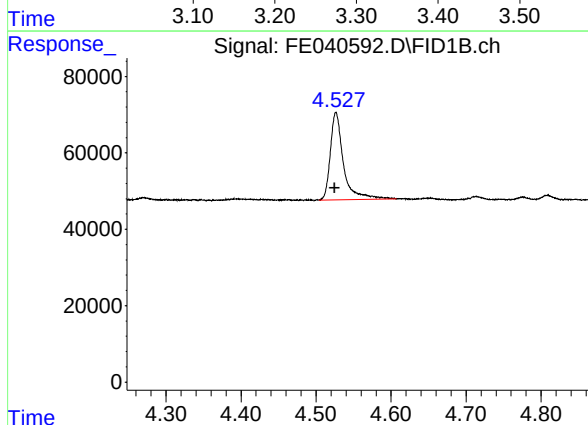




#1 n-Nonane (C9)

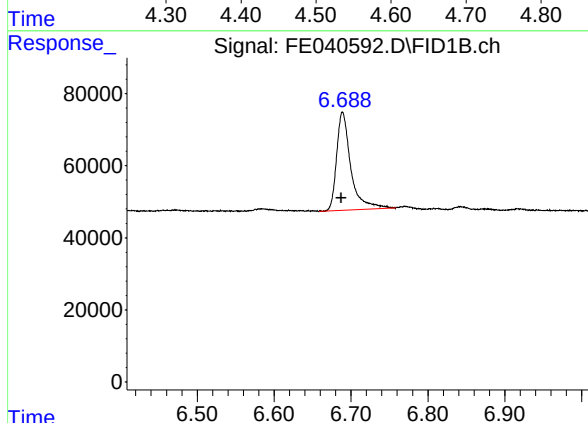
R.T.: 3.280 min
Delta R.T.: 0.001 min
Response: 233361
Conc: 1.52 ug/ml

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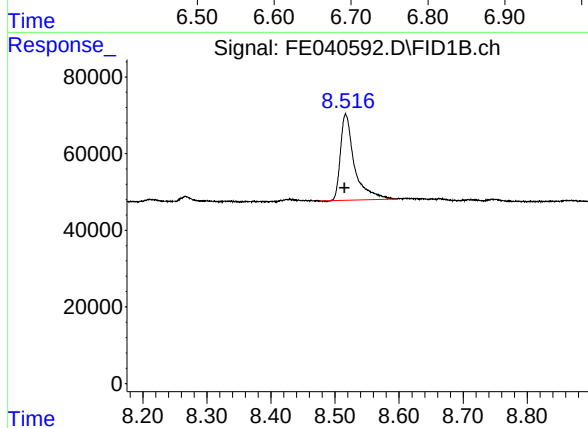
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 279729
Conc: 1.86 ug/ml



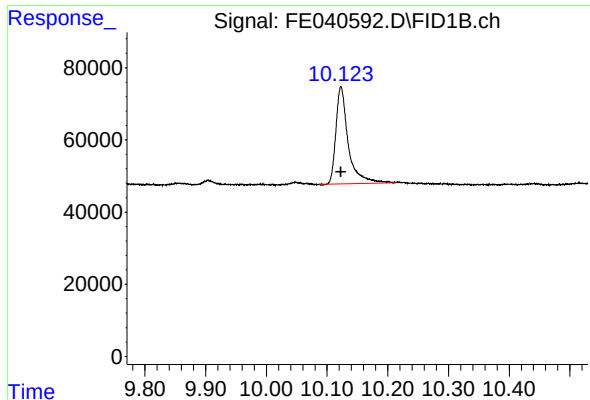
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 349609
Conc: 2.28 ug/ml



#6 n-Tetradecane (C14)

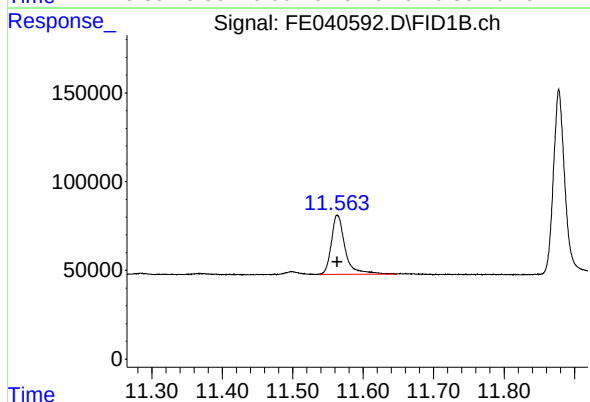
R.T.: 8.517 min
Delta R.T.: 0.001 min
Response: 338794
Conc: 2.19 ug/ml



#7 n-Hexadecane (C16)

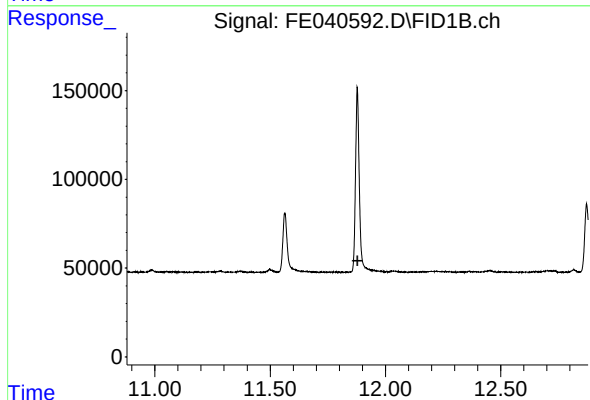
R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 380501
Conc: 2.36 ug/ml

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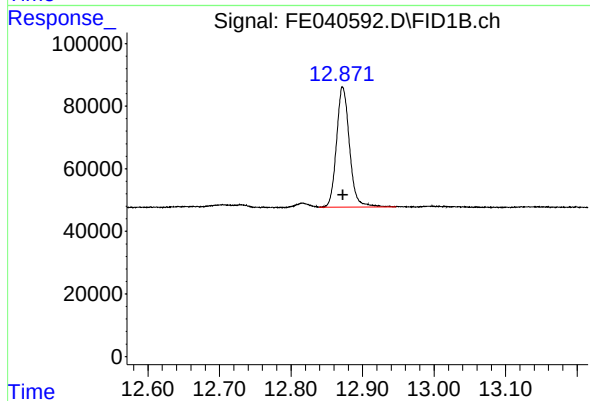
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.000 min
Response: 452439
Conc: 2.66 ug/ml



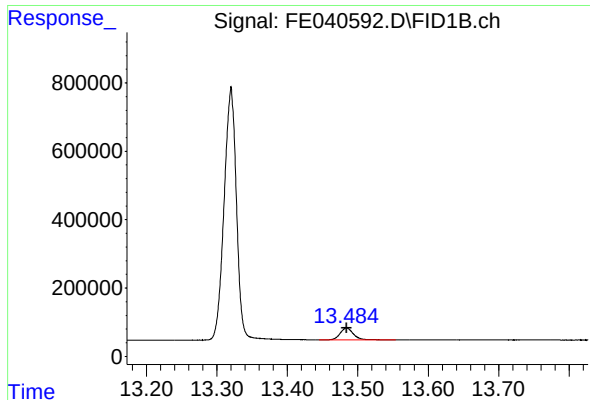
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.879 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

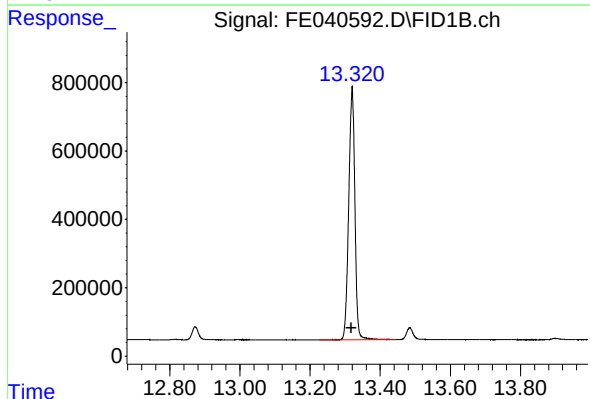
R.T.: 12.872 min
Delta R.T.: 0.000 min
Response: 485129
Conc: 2.87 ug/ml



#11 n-Heneicosane (C21)

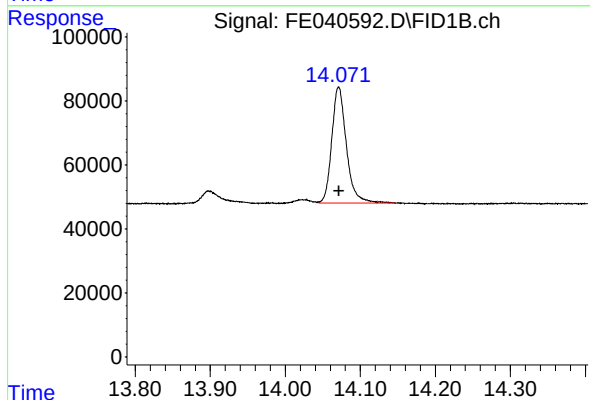
R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 461772
Conc: 2.69 ug/ml

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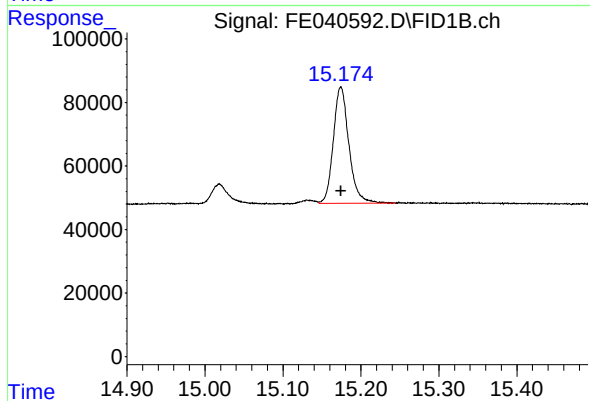
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 9037791
Conc: 61.06 ug/ml



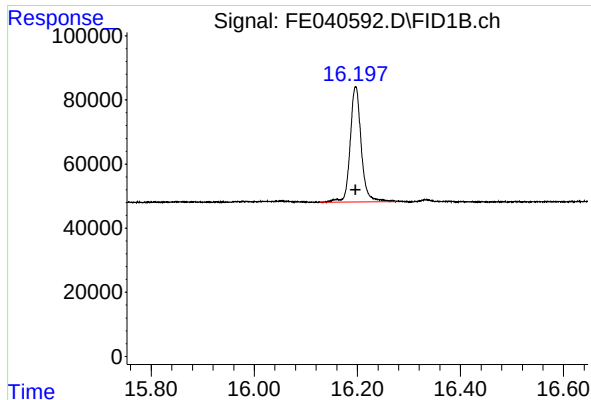
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: 0.000 min
Response: 492033
Conc: 2.87 ug/ml



#14 n-Tetracosane (C24)

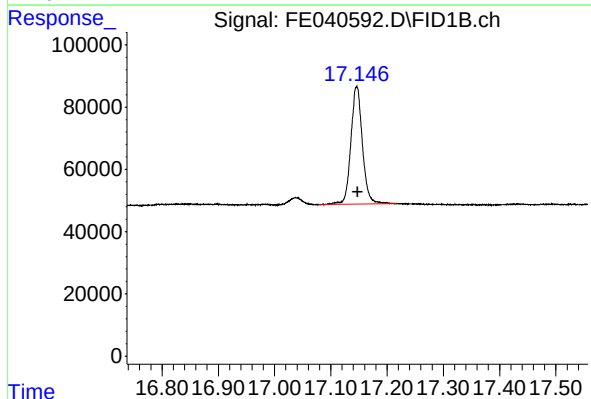
R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 509983
Conc: 2.96 ug/ml



#15 n-Hexacosane (C26)

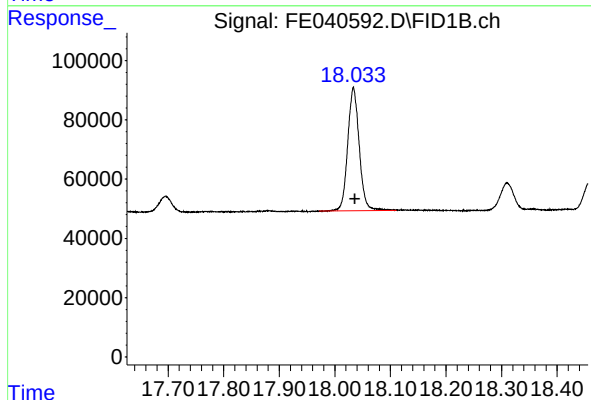
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 535952
Conc: 3.15 ug/ml

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MDL-WATER-03-QT1-2023



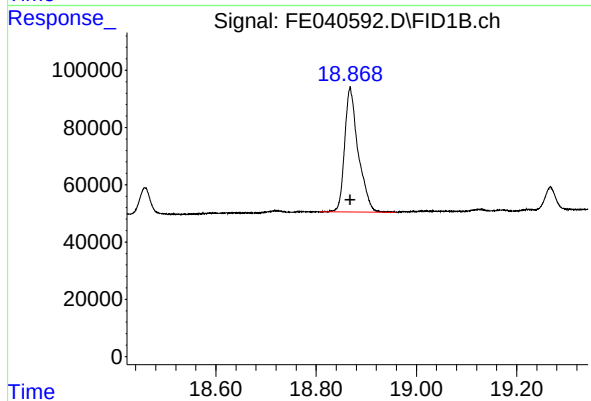
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.001 min
Response: 541155
Conc: 3.23 ug/ml



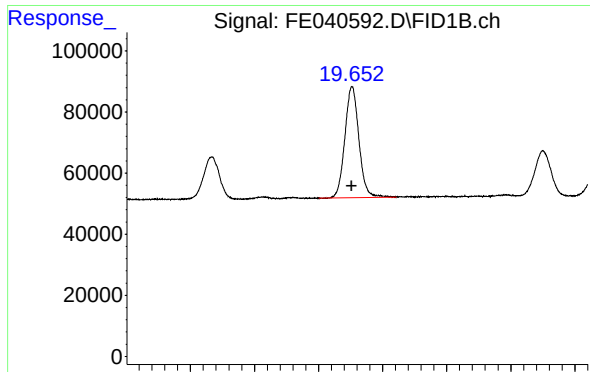
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: -0.002 min
Response: 597939
Conc: 3.66 ug/ml



#18 n-Dotriacontane (C32)

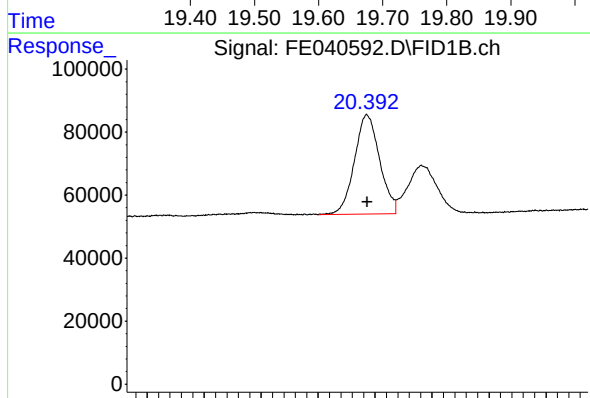
R.T.: 18.868 min
Delta R.T.: 0.000 min
Response: 815132
Conc: 4.76 ug/ml



#19 n-Tetratriacontane (C34)

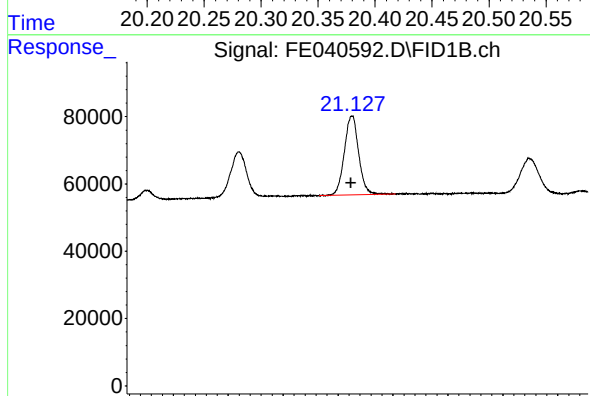
R.T.: 19.652 min
Delta R.T.: 0.000 min
Response: 553133
Conc: 3.58 ug/ml

Instrument :
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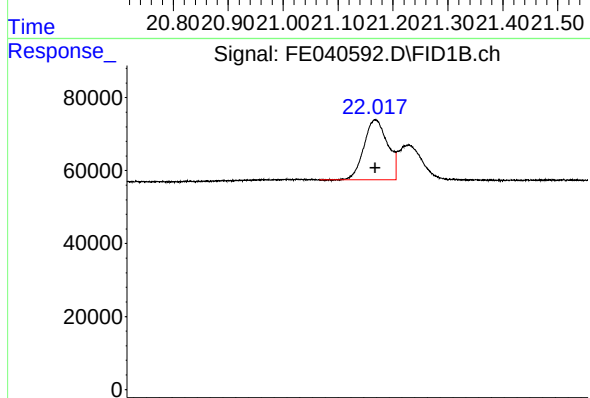
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.000 min
Response: 482971
Conc: 3.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.001 min
Response: 428557
Conc: 3.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.000 min
Response: 425442
Conc: 2.75 ug/ml