

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062922AL\
 Data File : FC060504.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2022 11:44
 Operator : YP/AJ
 Sample : N1645-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 03:06:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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			
9) S ortho-Terphenyl (SURR)	10.644	589985	3.219 ug/ml
Spiked Amount 50.000		Recovery =	6.44%
12) S 1-chlorooctadecane (S...	12.005	4286744	29.083 ug/ml
Spiked Amount 50.000		Recovery =	58.17%
Target Compounds			
1) T n-Nonane (C9)	2.645	123414	0.805 ug/ml
2) T n-Decane (C10)	3.642	166277	1.089 ug/ml
4) T n-Dodecane (C12)	5.584	317089	1.962 ug/ml
6) T n-Tetradecane (C14)	7.332	267196	1.617 ug/ml
7) T n-Hexadecane (C16)	8.890	285315	1.688 ug/ml
8) T n-Octadecane (C18)	10.293	337503	1.962 ug/ml
10) T n-Eicosane (C20)	11.569	374936	2.197 ug/ml
11) T n-Heneicosane (C21)	12.167	354400	2.079 ug/ml
13) T n-Docosane (C22)	12.737	518524	3.042 ug/ml
14) T n-Tetracosane (C24)	13.812	589852	3.513 ug/ml
15) T n-Hexacosane (C26)	14.809	637650	3.880 ug/ml
16) T n-Octacosane (C28)	15.736	684070	4.311 ug/ml
17) T n-Tricontane (C30)	16.600	726815	4.775 ug/ml
18) T n-Dotriacontane (C32)	17.413	669030	4.602 ug/ml
19) T n-Tetratriacontane (C34)	18.176	497335	3.916 ug/ml
20) T n-Hexatriacontane (C36)	18.896	220783	1.967 ug/ml
21) T n-Octatriacontane (C38)	19.578	269631	2.463 ug/ml
22) T n-Tetracontane (C40)	20.226	219215	1.941 ug/ml

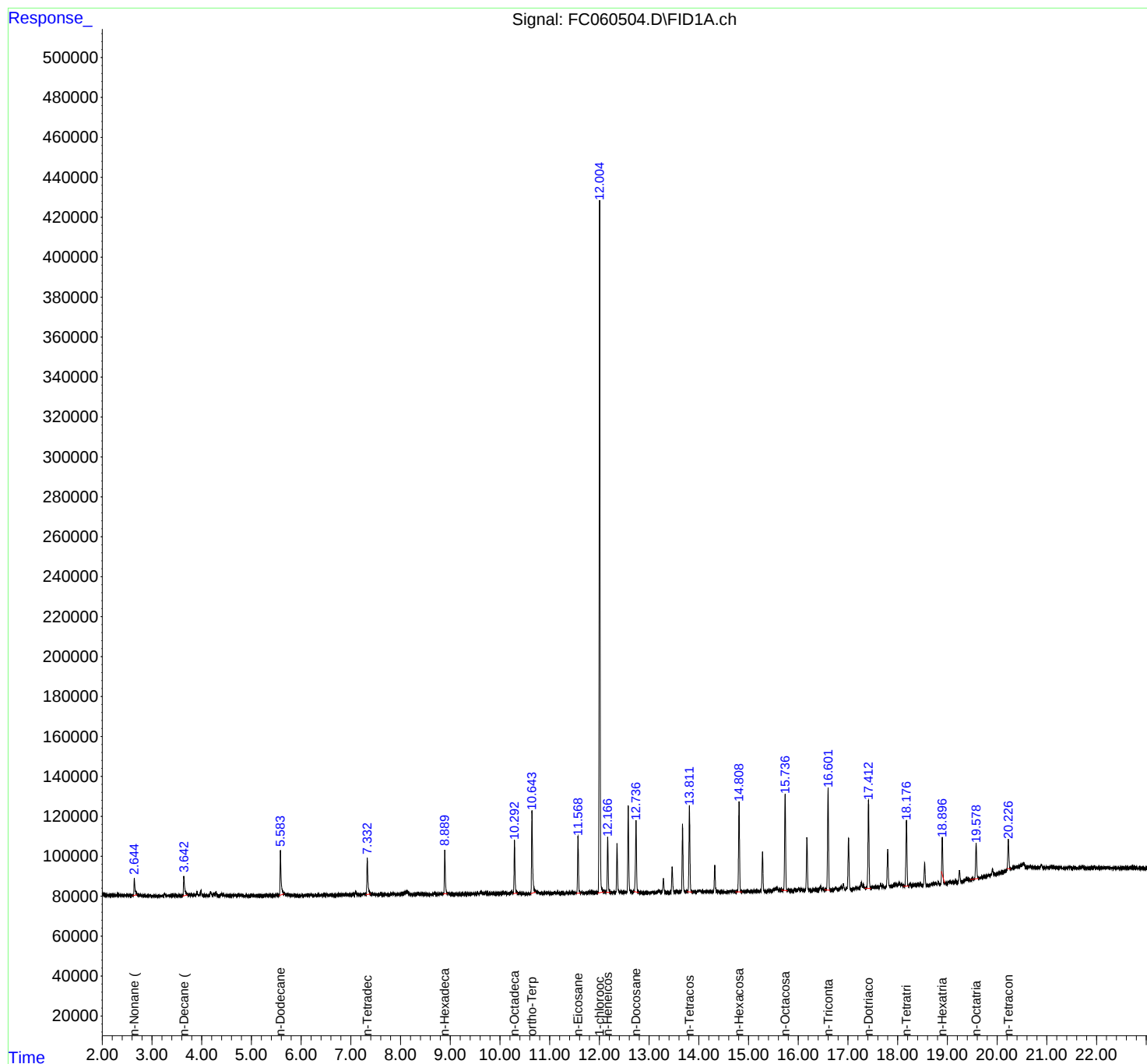
(f)=RT Delta > 1/2 Window

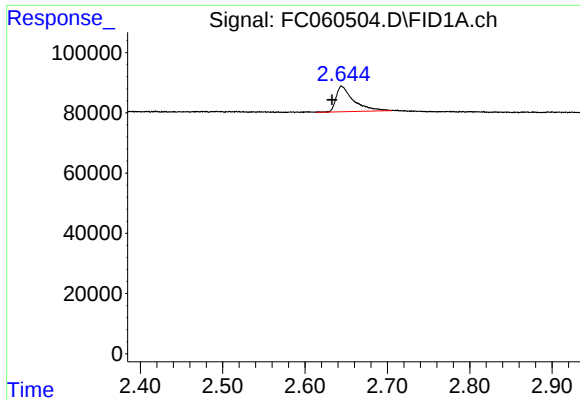
(m)=manual int.

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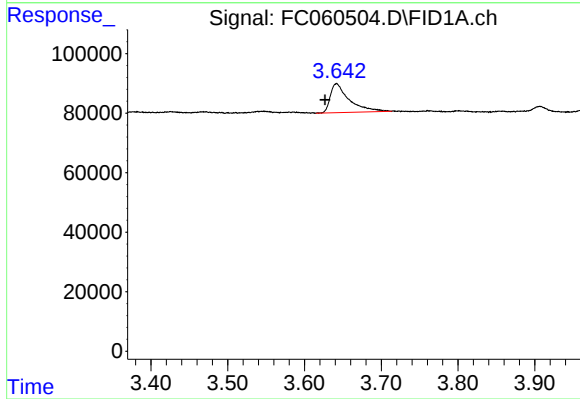
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





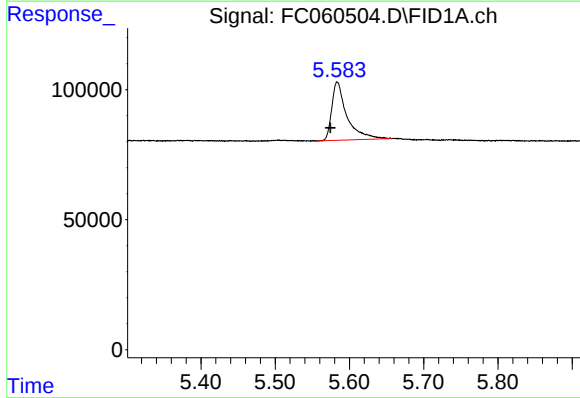
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: 0.012 min
Response: 123414
Conc: 0.80 ug/ml



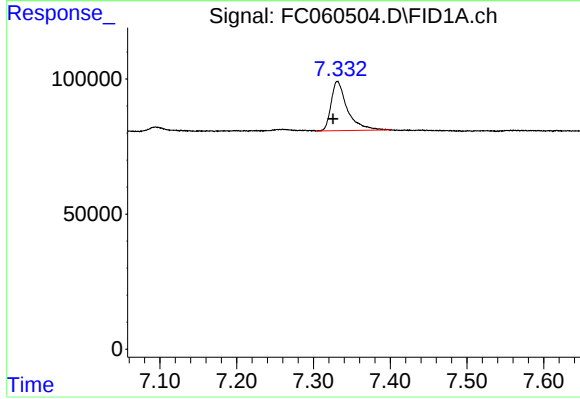
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.015 min
Response: 166277
Conc: 1.09 ug/ml



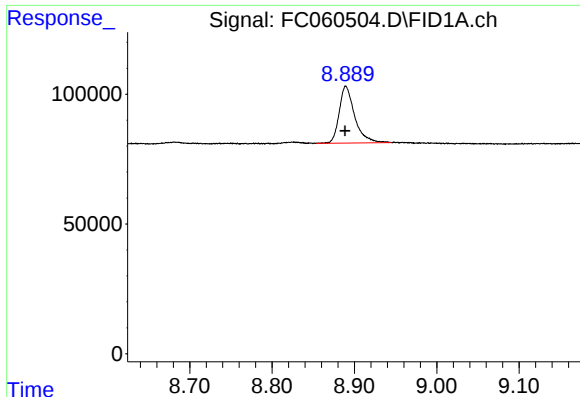
#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: 0.009 min
Response: 317089
Conc: 1.96 ug/ml



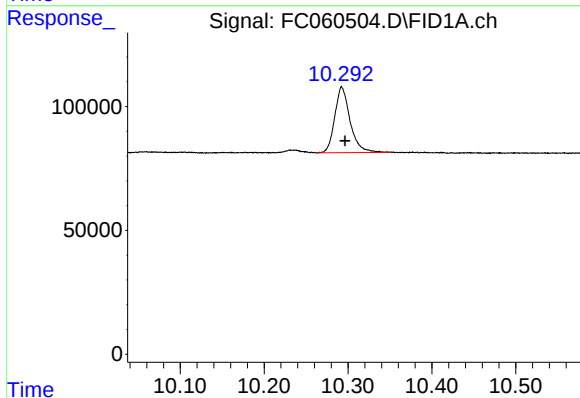
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: 0.006 min
Response: 267196
Conc: 1.62 ug/ml



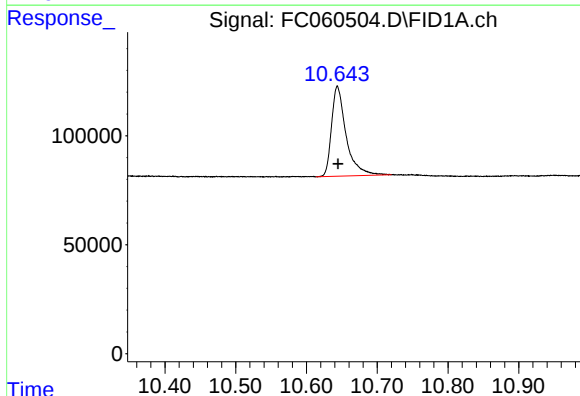
#7 n-Hexadecane (C16)

R.T.: 8.890 min
Delta R.T.: 0.001 min
Response: 285315
Conc: 1.69 ug/ml



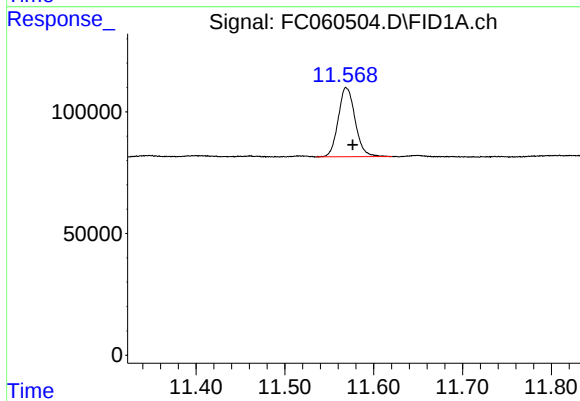
#8 n-Octadecane (C18)

R.T.: 10.293 min
Delta R.T.: -0.004 min
Response: 337503
Conc: 1.96 ug/ml



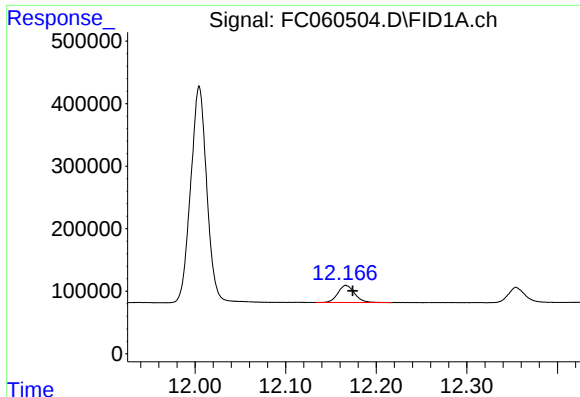
#9 ortho-Terphenyl (SURR)

R.T.: 10.644 min
Delta R.T.: 0.000 min
Response: 589985
Conc: 3.22 ug/ml



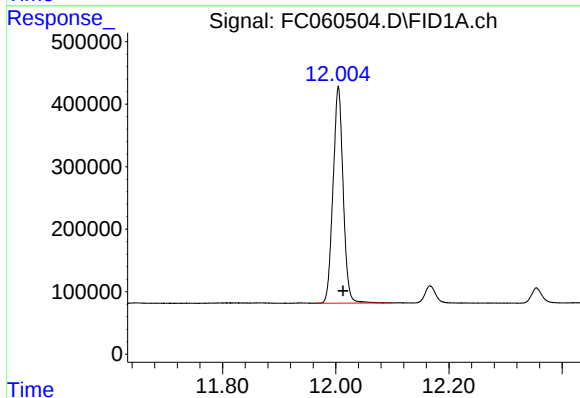
#10 n-Eicosane (C20)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 374936
Conc: 2.20 ug/ml



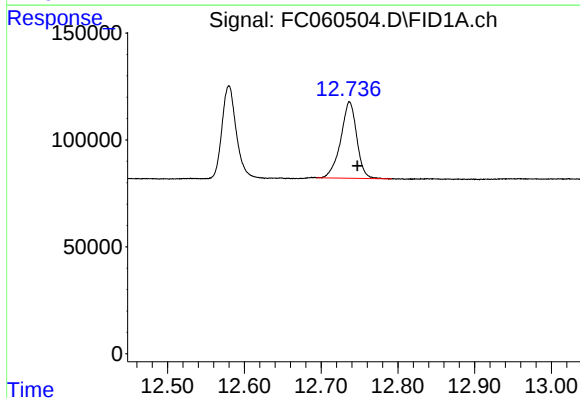
#11 n-Heneicosane (C21)

R.T.: 12.167 min
Delta R.T.: -0.007 min
Response: 354400
Conc: 2.08 ug/ml



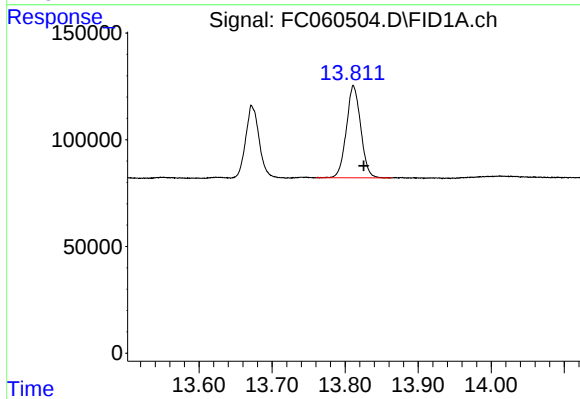
#12 1-chlorooctadecane (SURR)

R.T.: 12.005 min
Delta R.T.: -0.008 min
Response: 4286744
Conc: 29.08 ug/ml



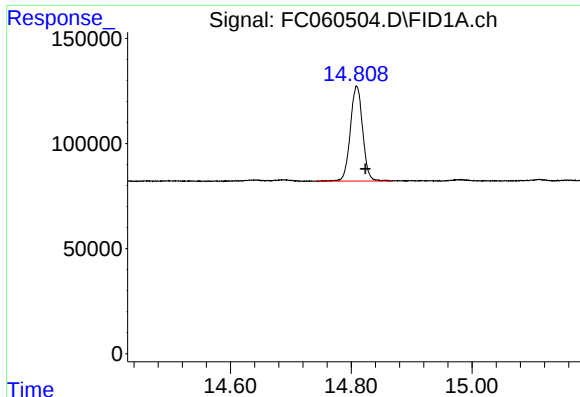
#13 n-Docosane (C22)

R.T.: 12.737 min
Delta R.T.: -0.010 min
Response: 518524
Conc: 3.04 ug/ml



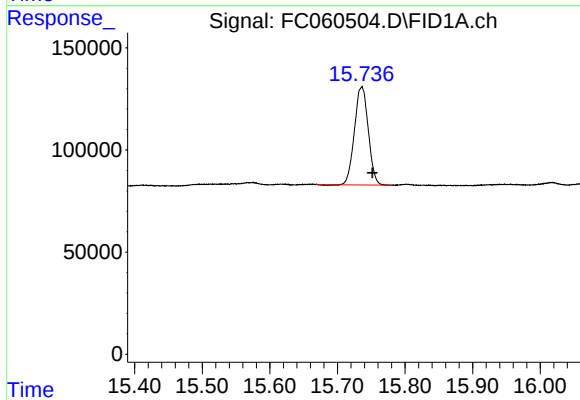
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: -0.014 min
Response: 589852
Conc: 3.51 ug/ml



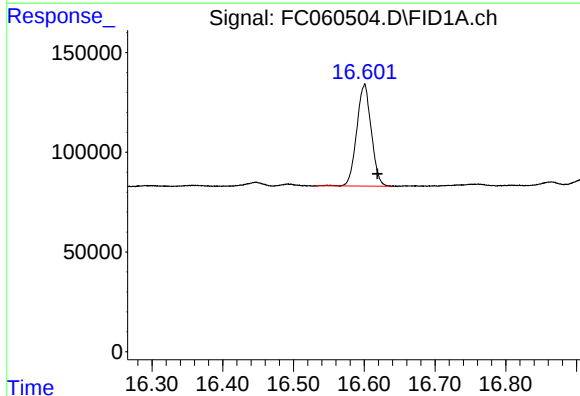
#15 n-Hexacosane (C26)

R.T.: 14.809 min
Delta R.T.: -0.015 min
Response: 637650
Conc: 3.88 ug/ml



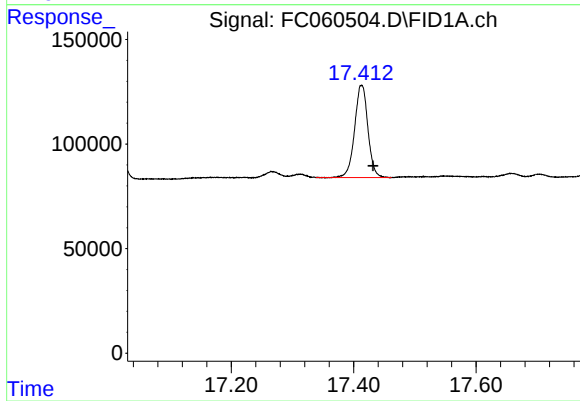
#16 n-Octacosane (C28)

R.T.: 15.736 min
Delta R.T.: -0.016 min
Response: 684070
Conc: 4.31 ug/ml



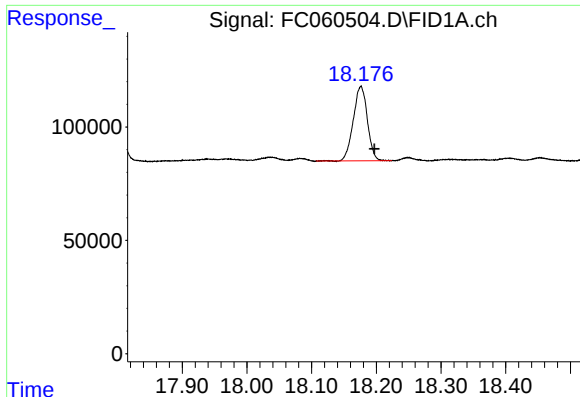
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: -0.019 min
Response: 726815
Conc: 4.77 ug/ml



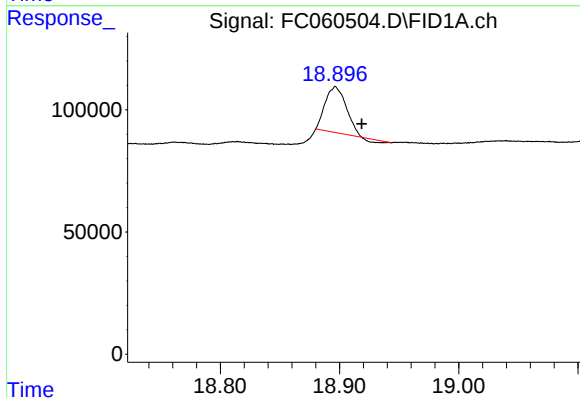
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.018 min
Response: 669030
Conc: 4.60 ug/ml



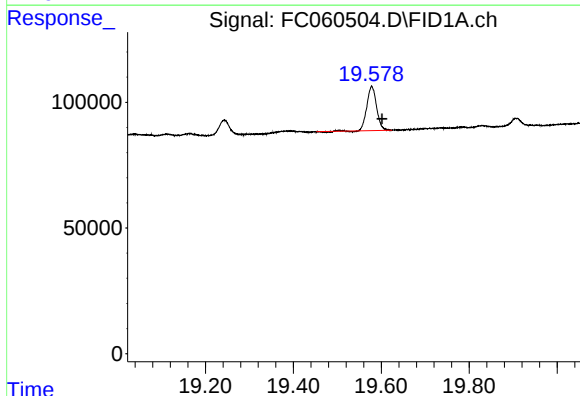
#19 n-Tetratriacontane (C34)

R.T.: 18.176 min
Delta R.T.: -0.021 min
Response: 497335
Conc: 3.92 ug/ml



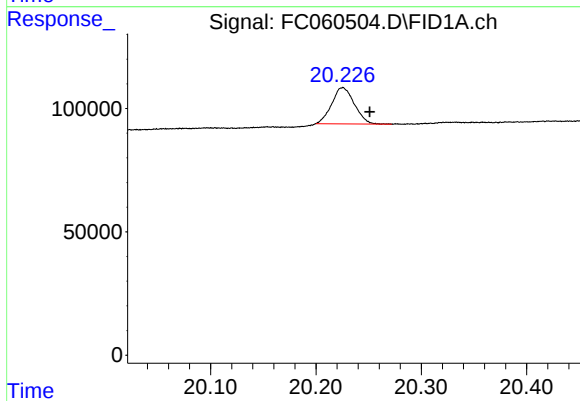
#20 n-Hexatriacontane (C36)

R.T.: 18.896 min
Delta R.T.: -0.022 min
Response: 220783
Conc: 1.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: -0.024 min
Response: 269631
Conc: 2.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.226 min
Delta R.T.: -0.026 min
Response: 219215
Conc: 1.94 ug/ml