

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012623AL\
 Data File : FE040054.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2023 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 13:33:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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			
9) S ortho-Terphenyl (SURR)	11.907	2998303	19.524 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	13.345	2289176	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T n-Nonane (C9)	3.300	2575944	20.293 ug/ml
2) T n-Decane (C10)	4.549	2547565	20.514 ug/ml
3) T A~Naphthalene (C11.7)	6.252	2807579	19.908 ug/ml
4) T n-Dodecane (C12)	6.713	2581016	20.529 ug/ml
5) T A~2-methylnaphthalene...	7.347	2621115	20.012 ug/ml
6) T n-Tetradecane (C14)	8.540	2623442	20.398 ug/ml
7) T n-Hexadecane (C16)	10.147	2720848	20.168 ug/ml
8) T n-Octadecane (C18)	11.591	2777360	19.821 ug/ml
10) T n-Eicosane (C20)	12.900	2713850	19.587 ug/ml
11) T n-Heneicosane (C21)	13.512	2718468	19.481 ug/ml
13) T n-Docosane (C22)	14.099	2707747	19.508 ug/ml
14) T n-Tetracosane (C24)	15.203	2720378	19.759 ug/ml
15) T n-Hexacosane (C26)	16.224	2643497	19.807 ug/ml
16) T n-Octacosane (C28)	17.175	2636637	20.254 ug/ml
17) T n-Tricontane (C30)	18.065	2674349	20.971 ug/ml
18) T n-Dotriacontane (C32)	18.898	2684756	21.237 ug/ml
19) T n-Tetratriacontane (C34)	19.680	2545779	20.602 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2421929	20.543 ug/ml
21) T n-Octatriacontane (C38)	21.156	2406318	20.134 ug/ml
22) T n-Tetracontane (C40)	22.059	2379566	19.606 ug/ml

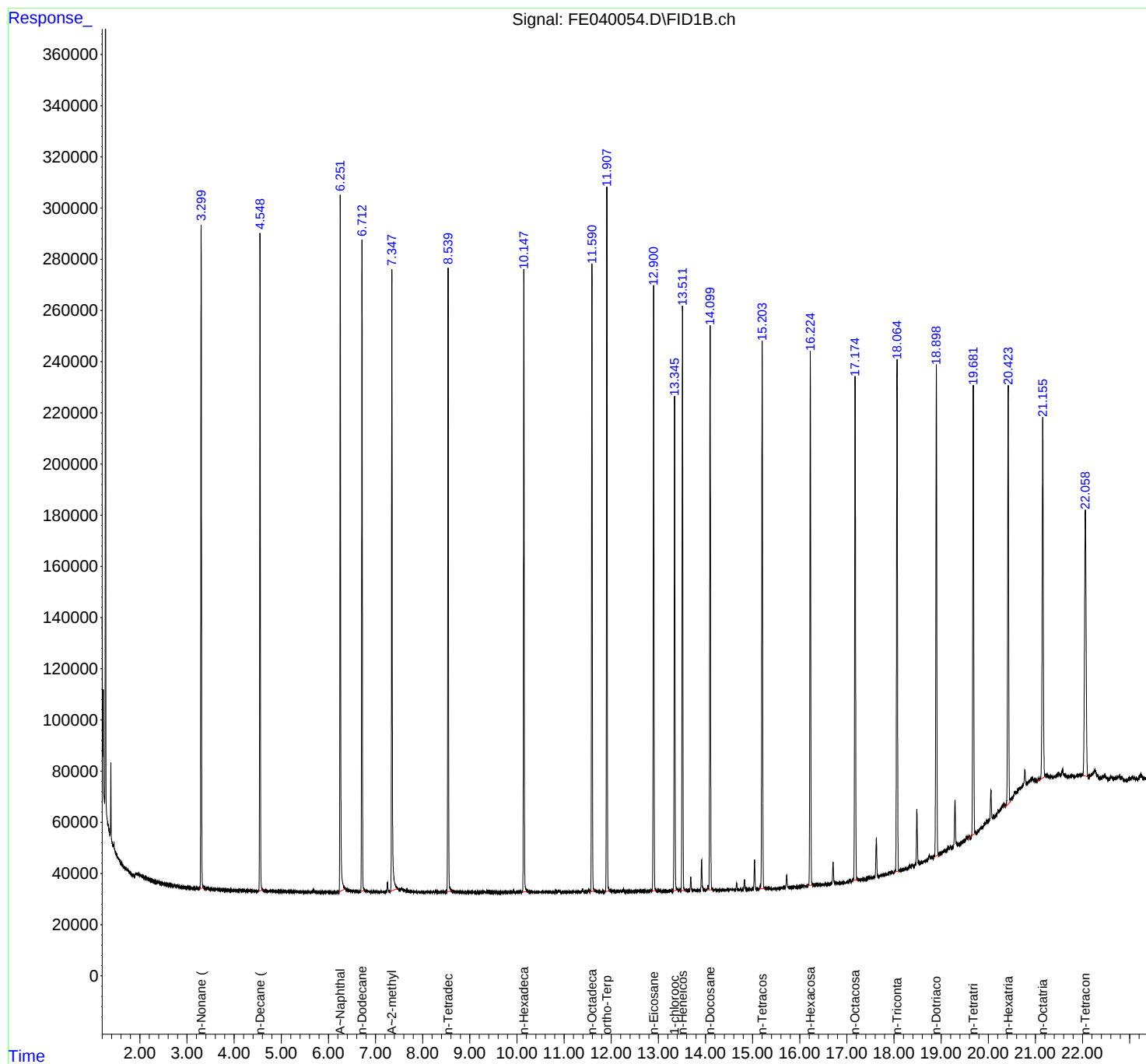
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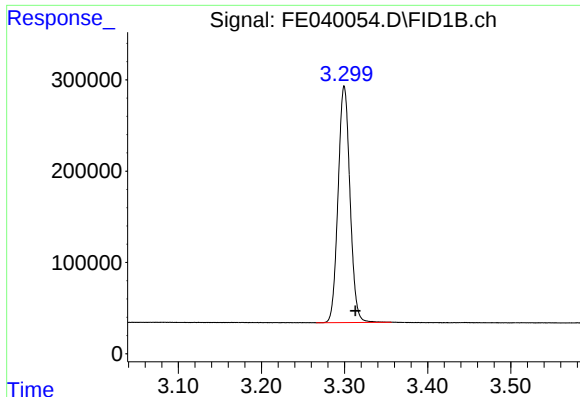
(m)=manual int.

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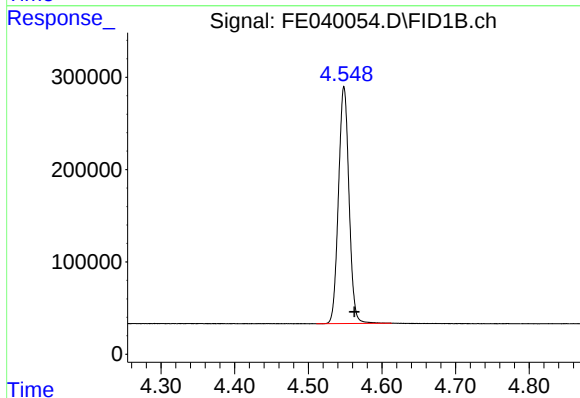
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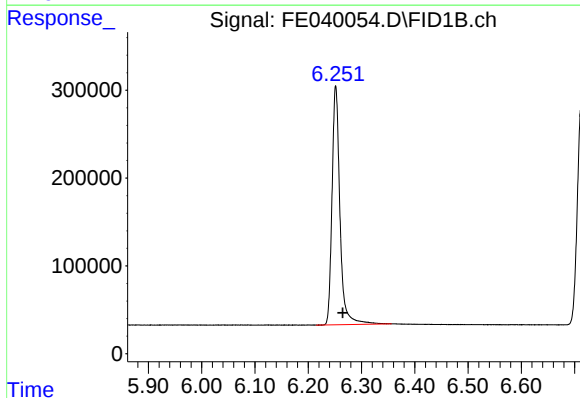
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.013 min
Response: 2575944
Conc: 20.29 ug/ml



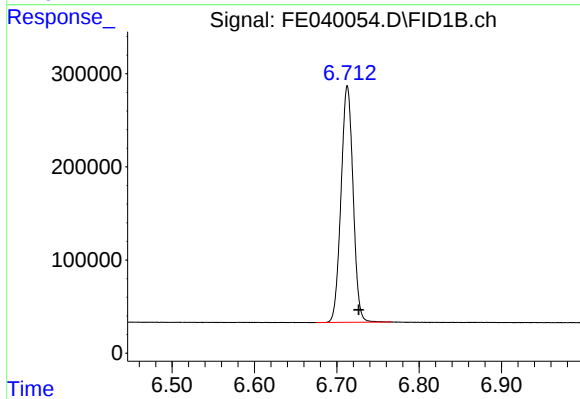
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.014 min
Response: 2547565
Conc: 20.51 ug/ml



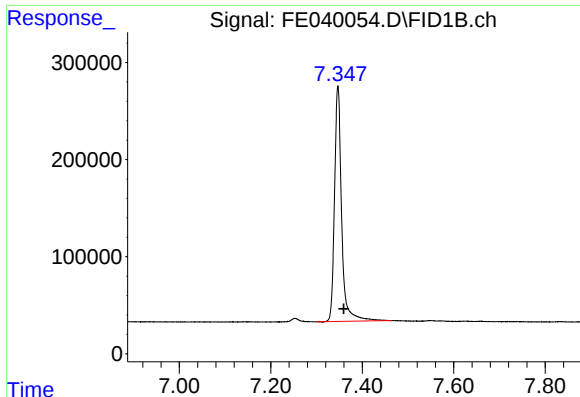
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.013 min
Response: 2807579
Conc: 19.91 ug/ml



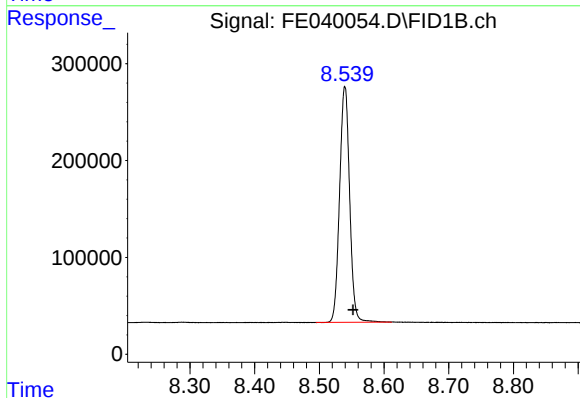
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.014 min
Response: 2581016
Conc: 20.53 ug/ml



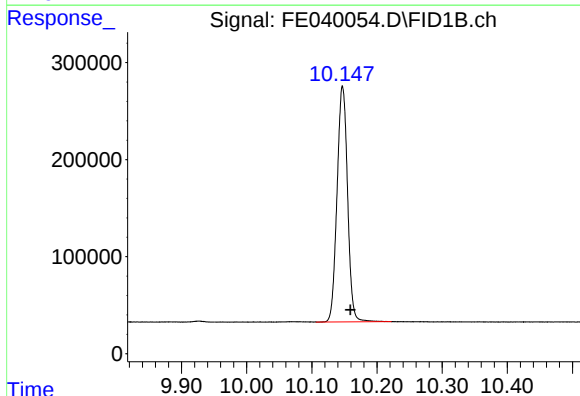
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.347 min
Delta R.T.: -0.012 min
Response: 2621115
Conc: 20.01 ug/ml



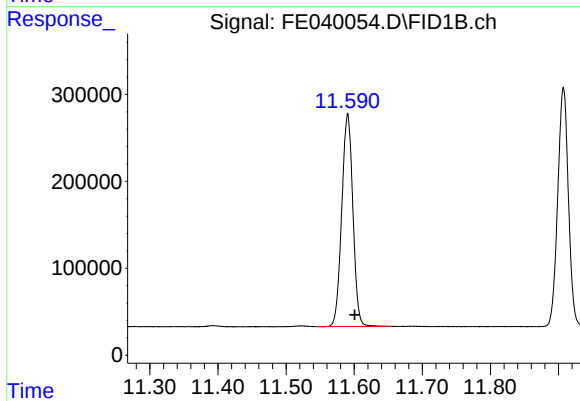
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.013 min
Response: 2623442
Conc: 20.40 ug/ml



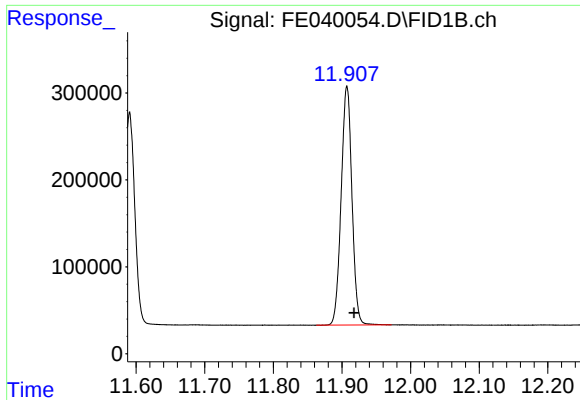
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.012 min
Response: 2720848
Conc: 20.17 ug/ml



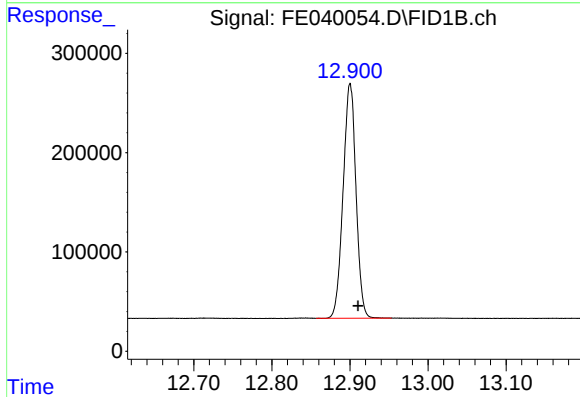
#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.010 min
Response: 2777360
Conc: 19.82 ug/ml



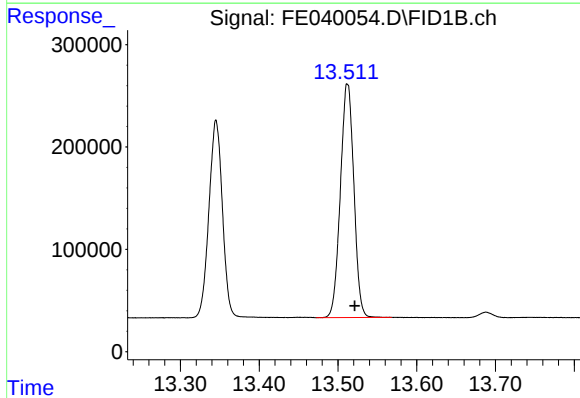
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.010 min
Response: 2998303
Conc: 19.52 ug/ml



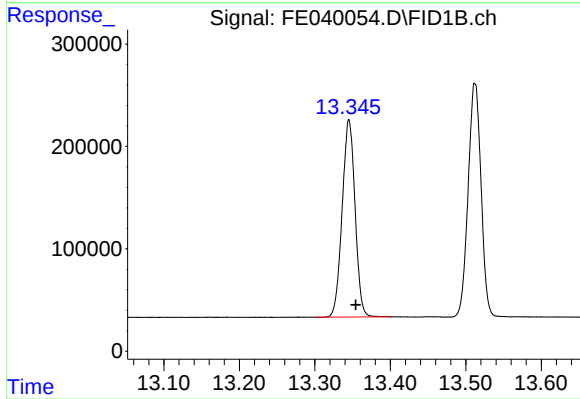
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.010 min
Response: 2713850
Conc: 19.59 ug/ml



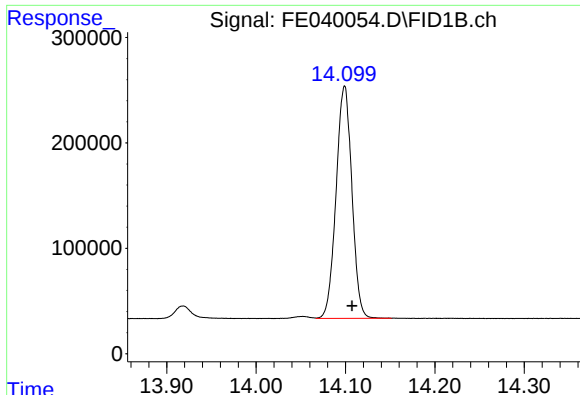
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.009 min
Response: 2718468
Conc: 19.48 ug/ml



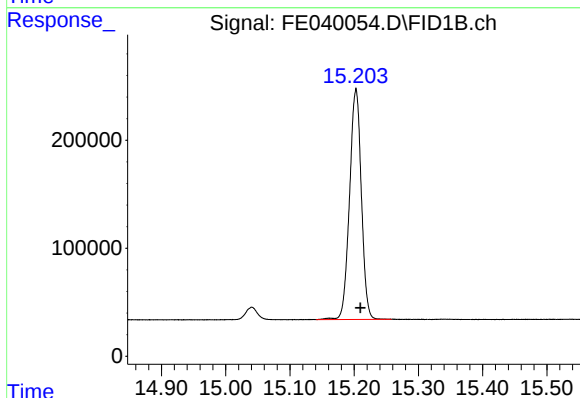
#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: -0.009 min
Response: 2289176
Conc: 19.62 ug/ml



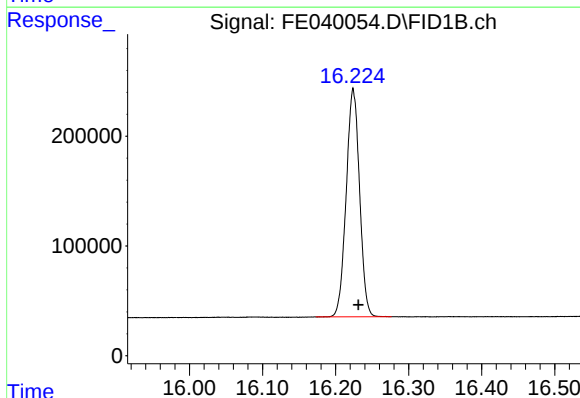
#13 n-Docosane (C22)

R.T.: 14.099 min
Delta R.T.: -0.008 min
Response: 2707747
Conc: 19.51 ug/ml



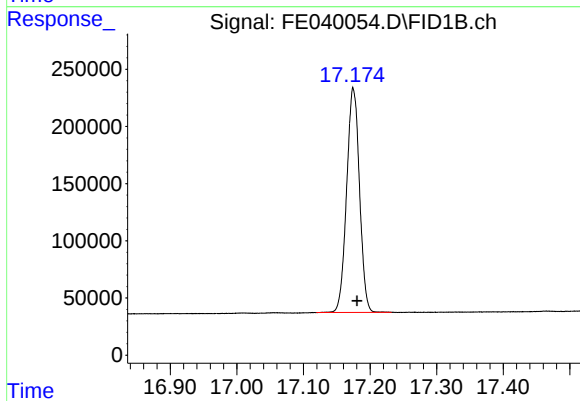
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.007 min
Response: 2720378
Conc: 19.76 ug/ml



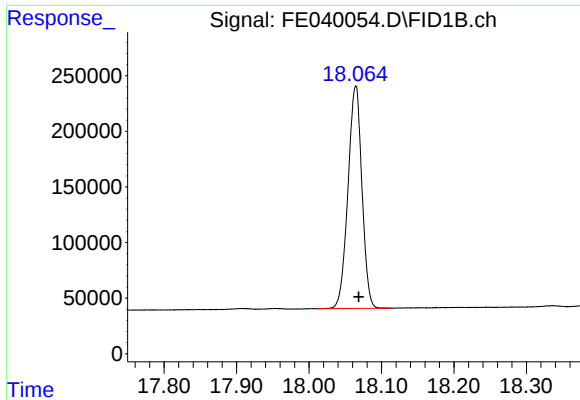
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.007 min
Response: 2643497
Conc: 19.81 ug/ml



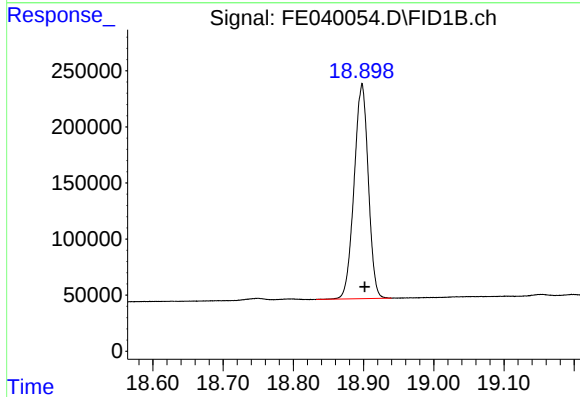
#16 n-Octacosane (C28)

R.T.: 17.175 min
Delta R.T.: -0.006 min
Response: 2636637
Conc: 20.25 ug/ml



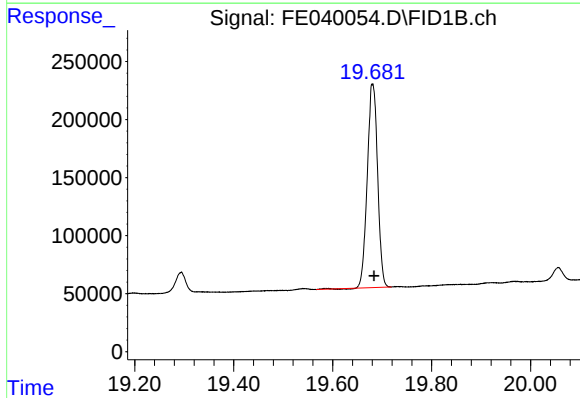
#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 2674349
Conc: 20.97 ug/ml



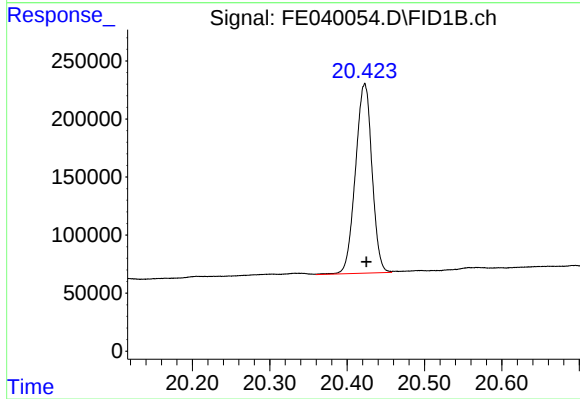
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.004 min
Response: 2684756
Conc: 21.24 ug/ml



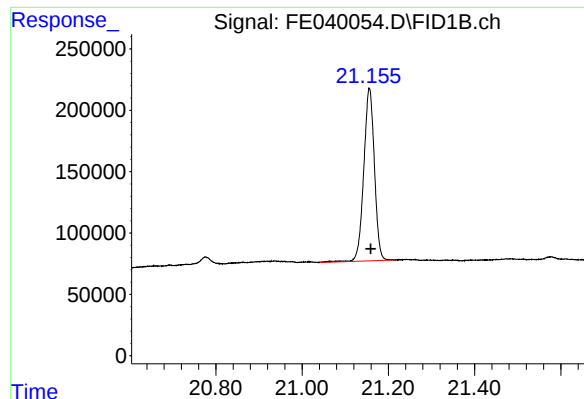
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.003 min
Response: 2545779
Conc: 20.60 ug/ml



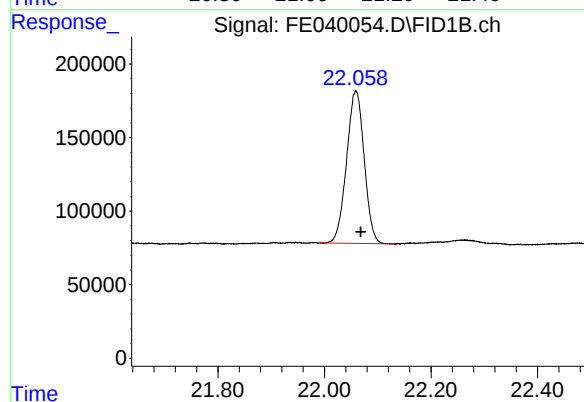
#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.002 min
Response: 2421929
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.003 min
Response: 2406318
Conc: 20.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.009 min
Response: 2379566
Conc: 19.61 ug/ml