

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022823AL\
 Data File : FE040582.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 21:14
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:04:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 02:50:39 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)	11.879	1037333	5.553 ug/ml
Spiked Amount 50.000		Recovery =	11.11%
12) S 1-chlorooctadecane (S...	13.318	825075	5.575 ug/ml
Spiked Amount 50.000		Recovery =	11.15%
Target Compounds			
1) T n-Nonane (C9)	3.279	839350	5.455 ug/ml
2) T n-Decane (C10)	4.525	809469	5.380 ug/ml
3) T A~Naphthalene (C11.7)	6.231	834103	5.029 ug/ml
4) T n-Dodecane (C12)	6.688	827256	5.404 ug/ml
5) T A~2-methylnaphthalene...	7.329	704261	4.653 ug/ml
6) T n-Tetradecane (C14)	8.515	827540	5.354 ug/ml
7) T n-Hexadecane (C16)	10.123	869154	5.381 ug/ml
8) T n-Octadecane (C18)	11.563	941971	5.548 ug/ml
10) T n-Eicosane (C20)	12.873	946907	5.597 ug/ml
11) T n-Heneicosane (C21)	13.484	956044	5.579 ug/ml
13) T n-Docosane (C22)	14.072	963473	5.624 ug/ml
14) T n-Tetracosane (C24)	15.174	966150	5.604 ug/ml
15) T n-Hexacosane (C26)	16.197	955800	5.624 ug/ml
16) T n-Octacosane (C28)	17.147	944156	5.630 ug/ml
17) T n-Tricontane (C30)	18.036	923506	5.656 ug/ml
18) T n-Dotriacontane (C32)	18.868	1009417	5.898 ug/ml
19) T n-Tetratriacontane (C34)	19.652	884689	5.722 ug/ml
20) T n-Hexatriacontane (C36)	20.393	830852	5.719 ug/ml
21) T n-Octatriacontane (C38)	21.124	782221	5.691 ug/ml
22) T n-Tetracontane (C40)	22.018	1020556	6.605 ug/ml

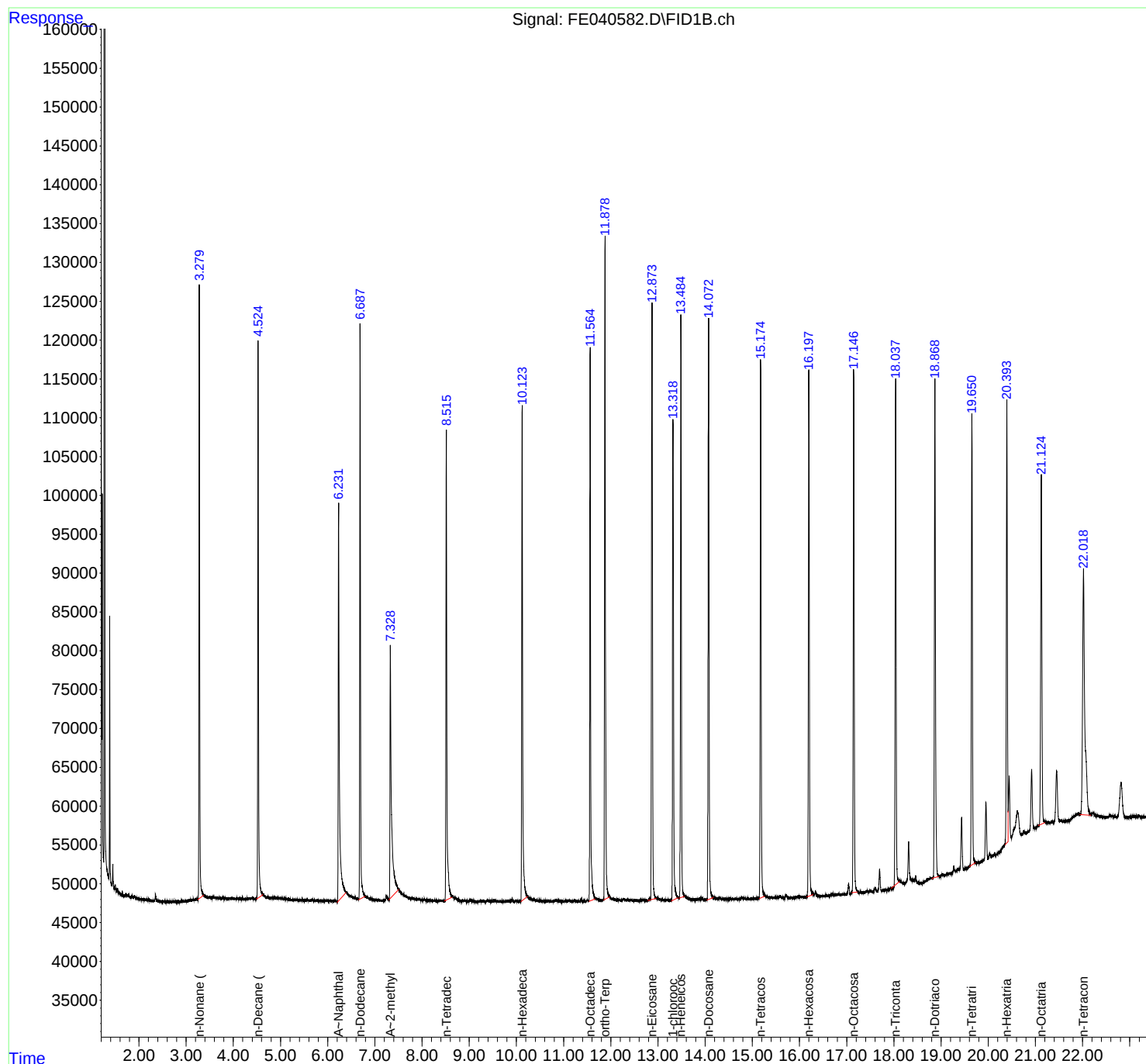
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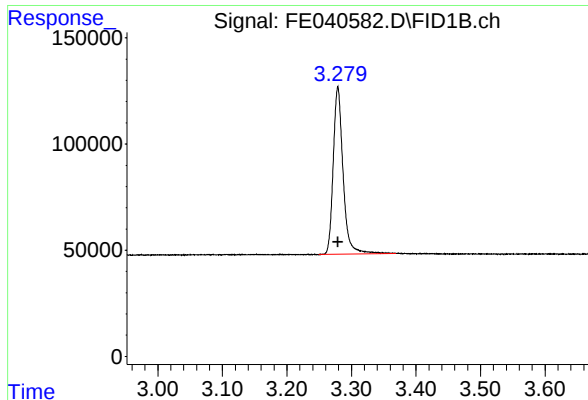
(m)=manual int.

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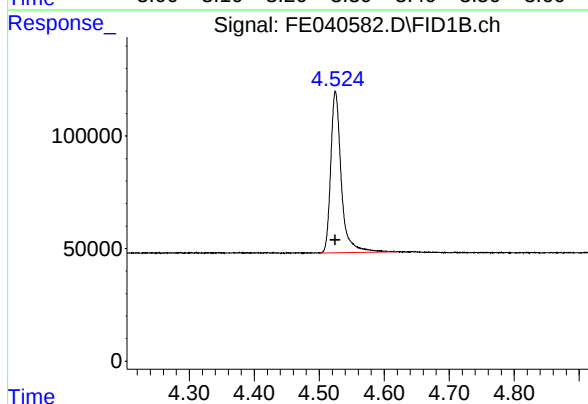
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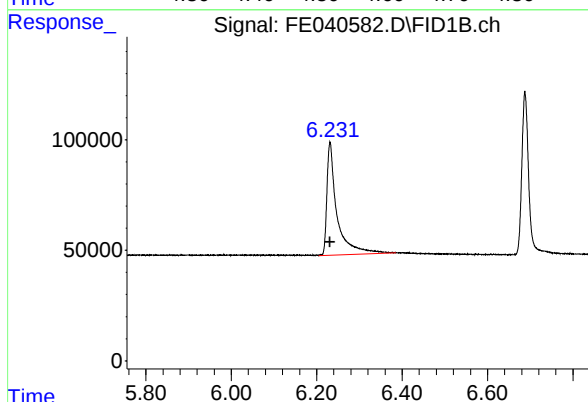
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 839350
Conc: 5.45 ug/ml



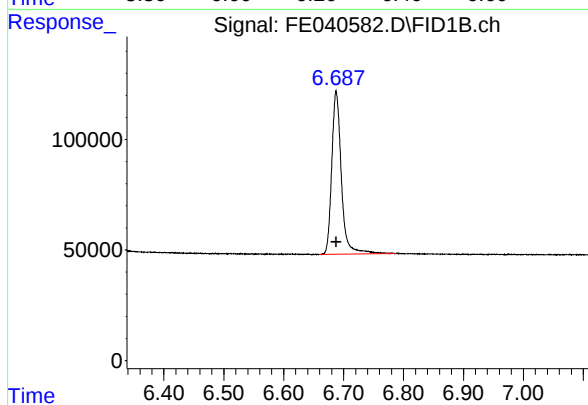
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 809469
Conc: 5.38 ug/ml



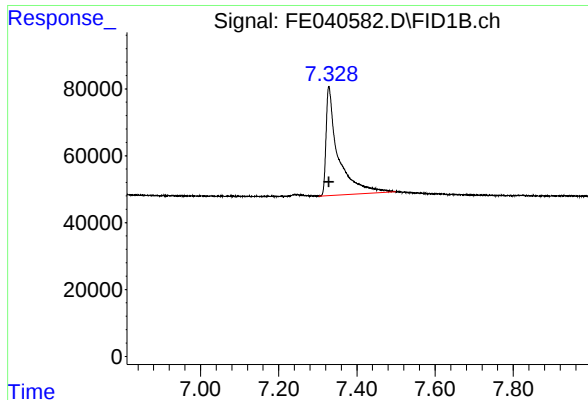
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 834103
Conc: 5.03 ug/ml



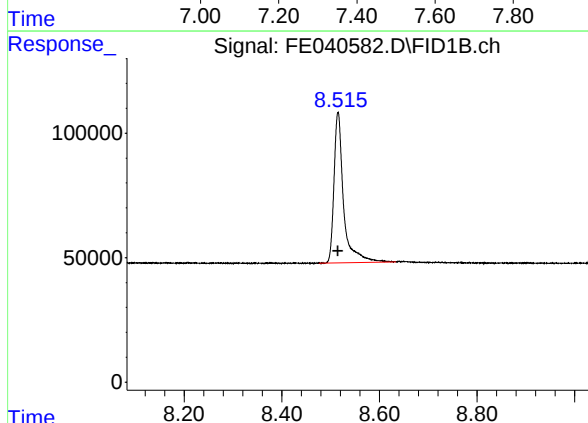
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 827256
Conc: 5.40 ug/ml



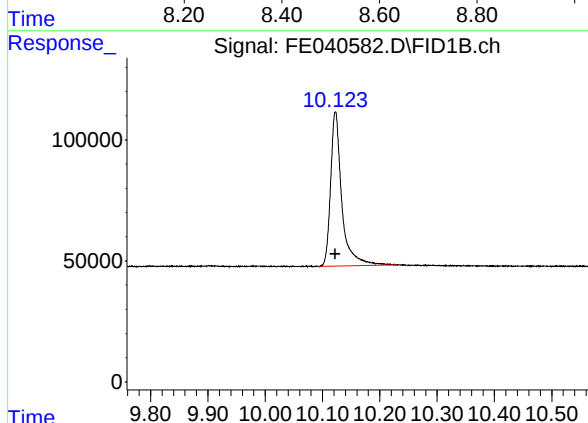
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 704261
Conc: 4.65 ug/ml



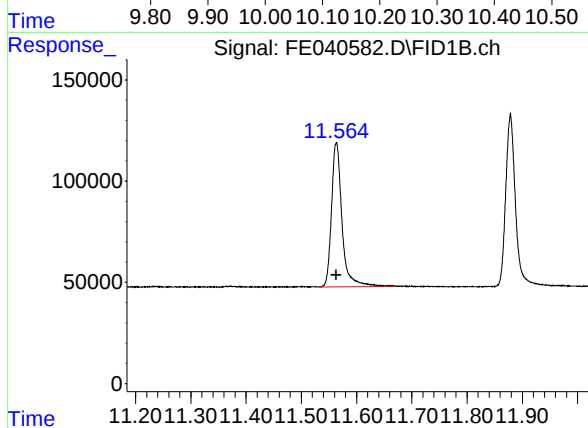
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 827540
Conc: 5.35 ug/ml



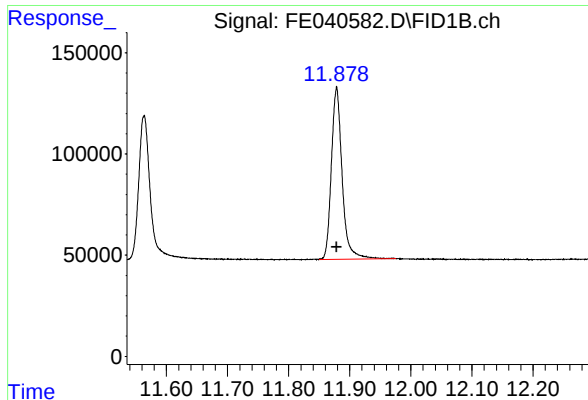
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 869154
Conc: 5.38 ug/ml



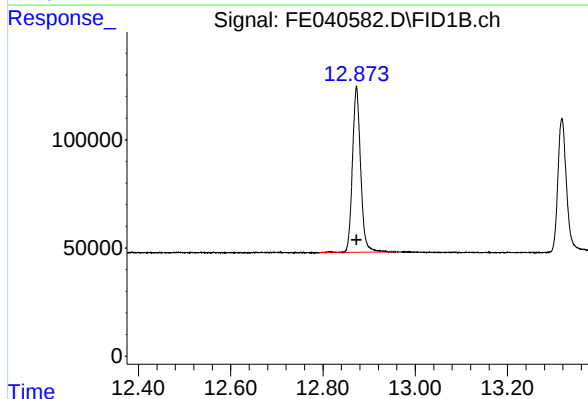
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.000 min
Response: 941971
Conc: 5.55 ug/ml



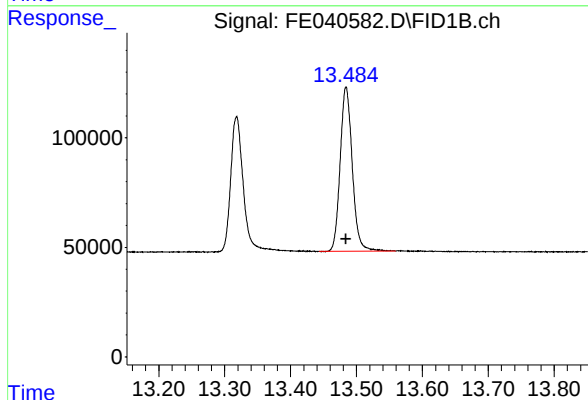
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: 0.000 min
Response: 1037333
Conc: 5.55 ug/ml



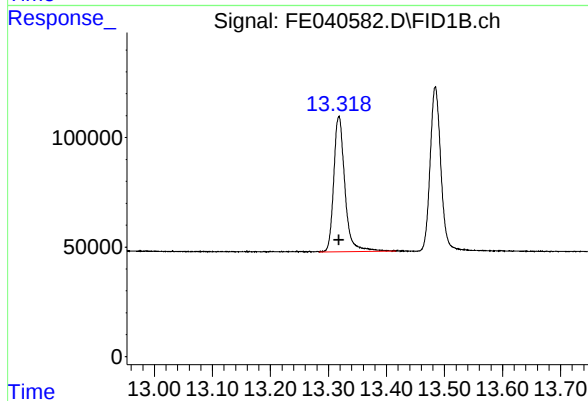
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 946907
Conc: 5.60 ug/ml



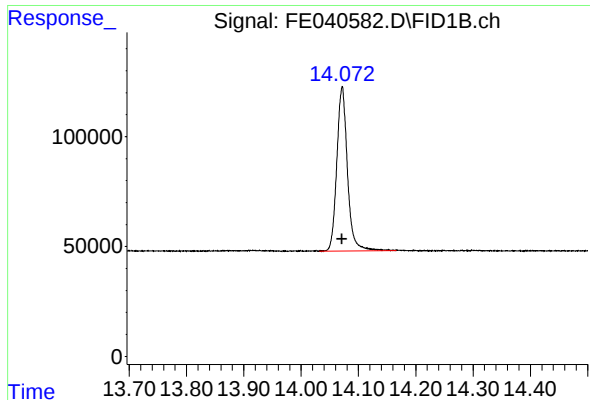
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 956044
Conc: 5.58 ug/ml



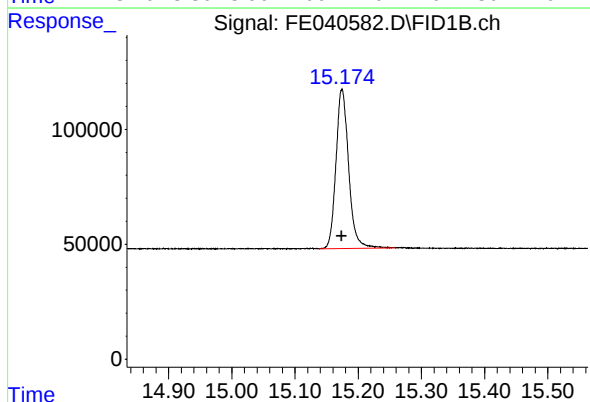
#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 825075
Conc: 5.57 ug/ml



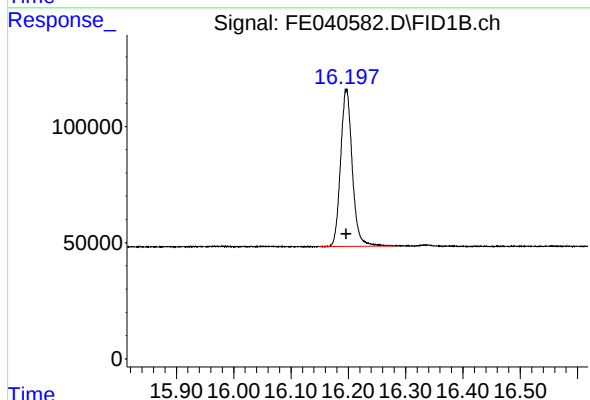
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 963473
Conc: 5.62 ug/ml



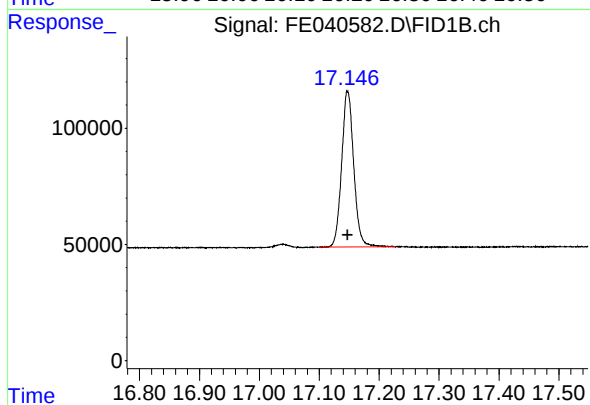
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 966150
Conc: 5.60 ug/ml



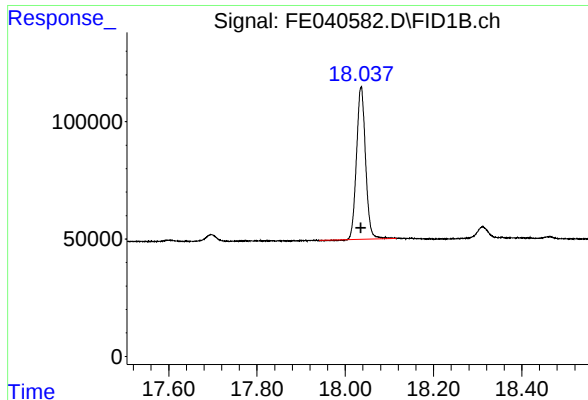
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 955800
Conc: 5.62 ug/ml



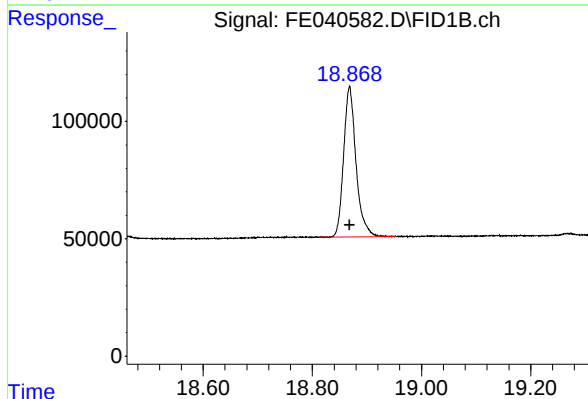
#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.000 min
Response: 944156
Conc: 5.63 ug/ml



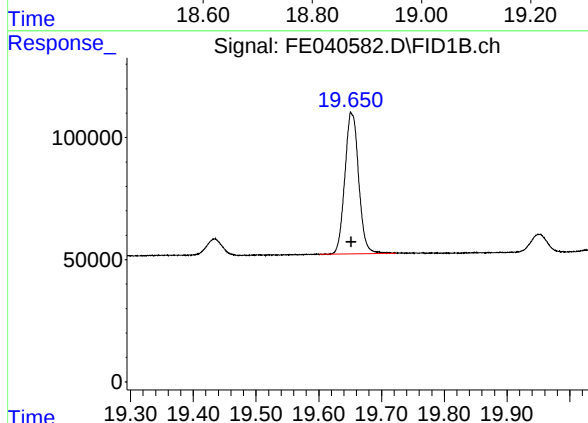
#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 923506
Conc: 5.66 ug/ml



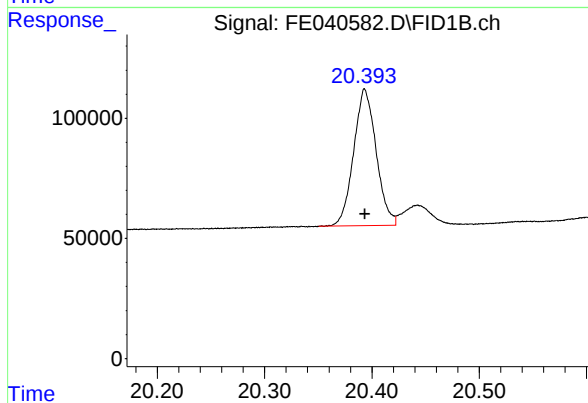
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: 0.000 min
Response: 1009417
Conc: 5.90 ug/ml



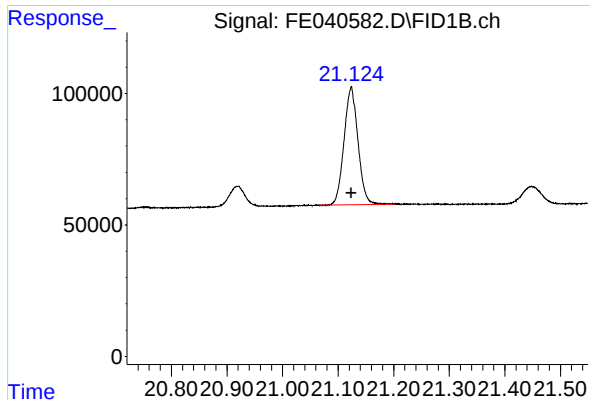
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.000 min
Response: 884689
Conc: 5.72 ug/ml



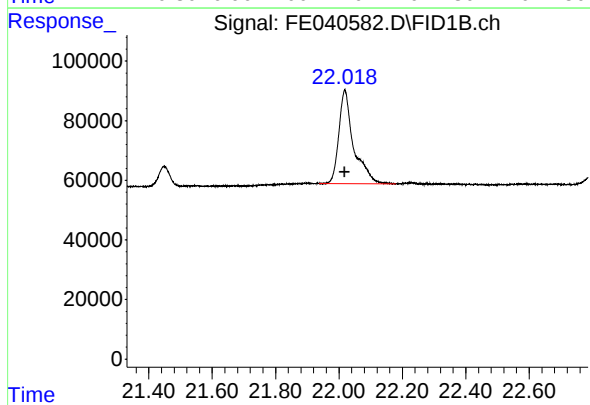
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.000 min
Response: 830852
Conc: 5.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.000 min
Response: 782221
Conc: 5.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.000 min
Response: 1020556
Conc: 6.60 ug/ml