

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022724AL\
 Data File : FE046945.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2024 16:31
 Operator : YP\AJ
 Sample : PB159320BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:49:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.798	6445033	39.228 ug/ml
Spiked Amount 50.000		Recovery =	78.46%
12) S 1-chlorooctadecane (S...	13.238	5784396	46.990 ug/ml
Spiked Amount 50.000		Recovery =	93.98%
Target Compounds			
1) T n-Nonane (C9)	3.193	4738378	31.073 ug/ml
2) T n-Decane (C10)	4.441	5018663	32.403 ug/ml
3) T A~Naphthalene (C11.7)	6.143	5897944	37.447 ug/ml
4) T n-Dodecane (C12)	6.606	5883680	37.841 ug/ml
5) T A~2-methylnaphthalene...	7.239	6099373	42.534 ug/ml
6) T n-Tetradecane (C14)	8.433	6451075	41.836 ug/ml
7) T n-Hexadecane (C16)	10.040	6423858	40.487 ug/ml
8) T n-Octadecane (C18)	11.484	6482815	40.665 ug/ml
10) T n-Eicosane (C20)	12.795	6439864	42.545 ug/ml
11) T n-Heneicosane (C21)	13.406	6207600	41.920 ug/ml
13) T n-Docosane (C22)	13.992	6062075	41.666 ug/ml
14) T n-Tetracosane (C24)	15.097	13694184	95.886 ug/ml
15) T n-Hexacosane (C26)	16.118	5859564	41.932 ug/ml
17) T n-Tricontane (C30)	17.958	5834519	41.819 ug/ml
18) T n-Dotriacontane (C32)	18.790	4151693	30.172 ug/ml
19) T n-Tetratriacontane (C34)	19.574	5903854	43.949 ug/ml
20) T n-Hexatriacontane (C36)	20.317	5868961	44.074 ug/ml
21) T n-Octatriacontane (C38)	21.041	6161772	44.720 ug/ml
22) T n-Tetracontane (C40)	21.919	6264088	44.398 ug/ml

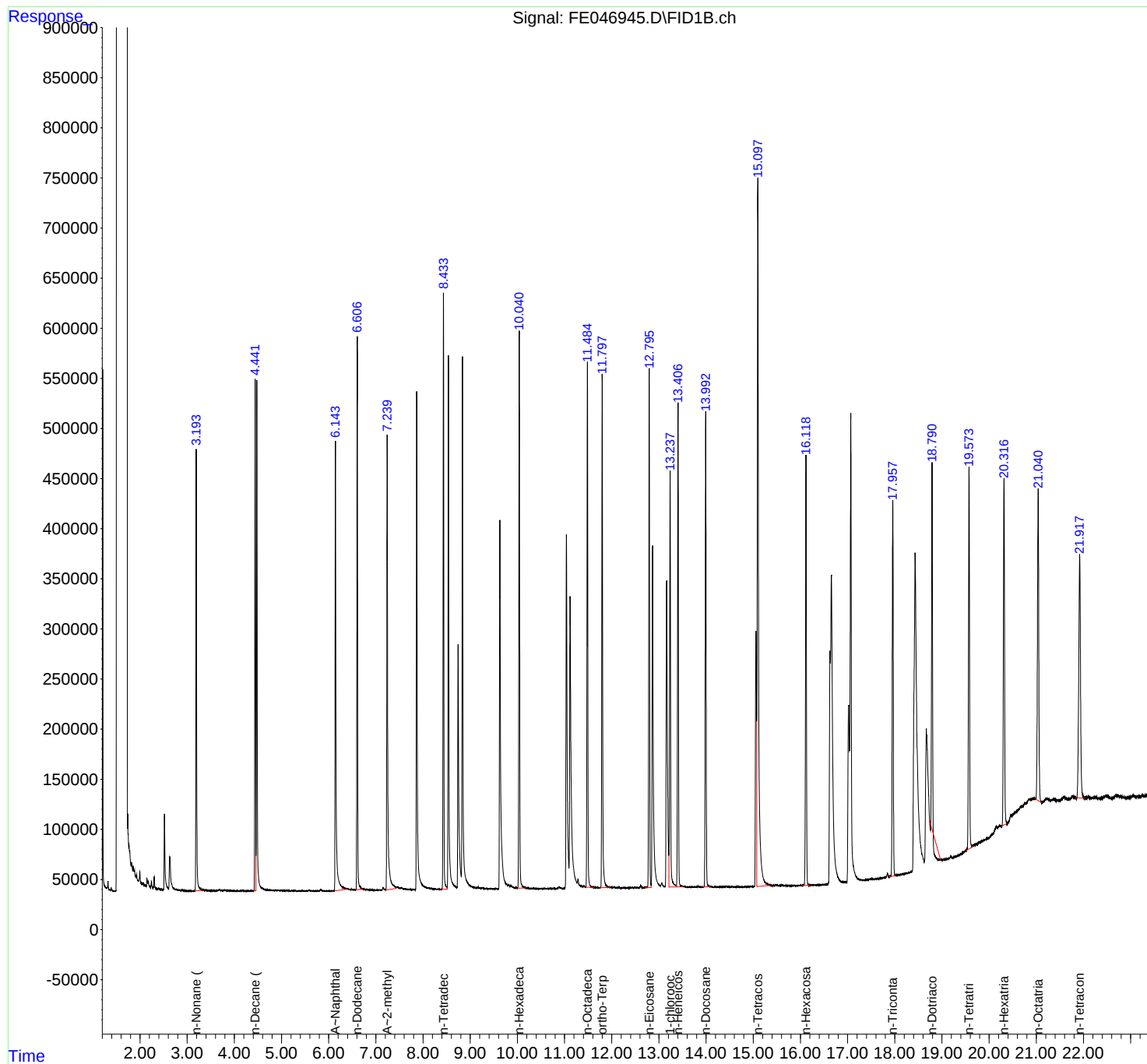
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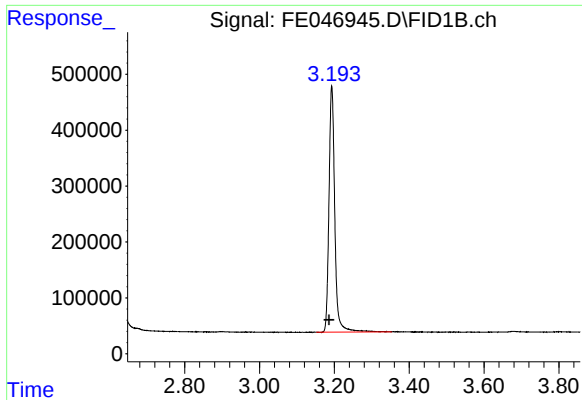
(m)=manual int.

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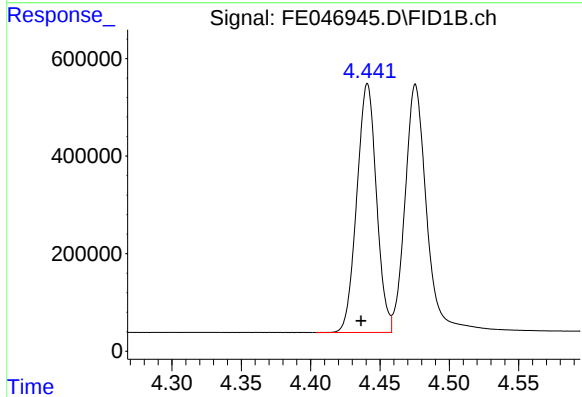
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Signal Phase : Rxi-1ms
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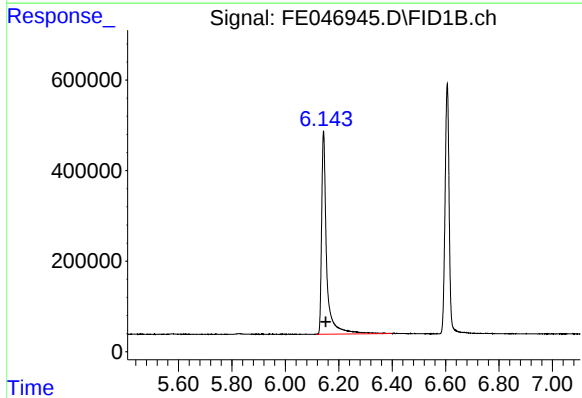
#1 n-Nonane (C9)

R.T.: 3.193 min
Delta R.T.: 0.007 min
Response: 4738378
Conc: 31.07 ug/ml



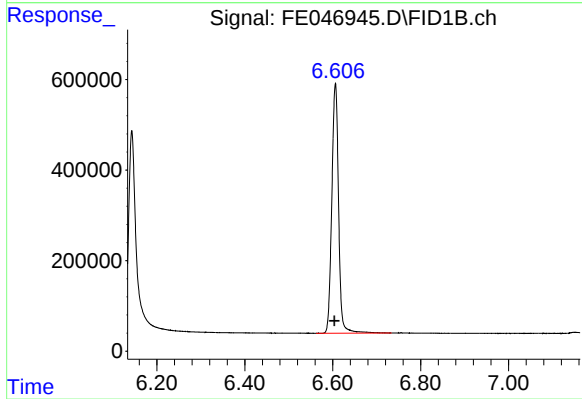
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: 0.004 min
Response: 5018663
Conc: 32.40 ug/ml



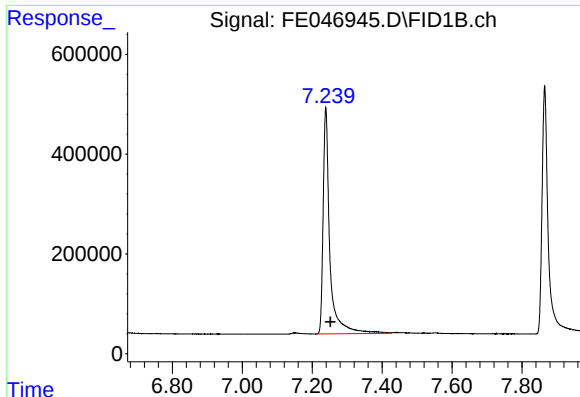
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min
Delta R.T.: -0.008 min
Response: 5897944
Conc: 37.45 ug/ml



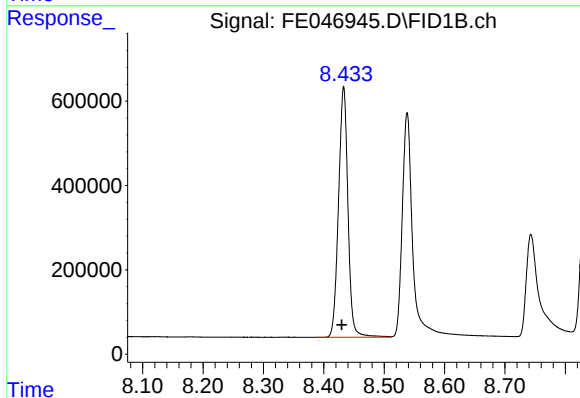
#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 5883680
Conc: 37.84 ug/ml



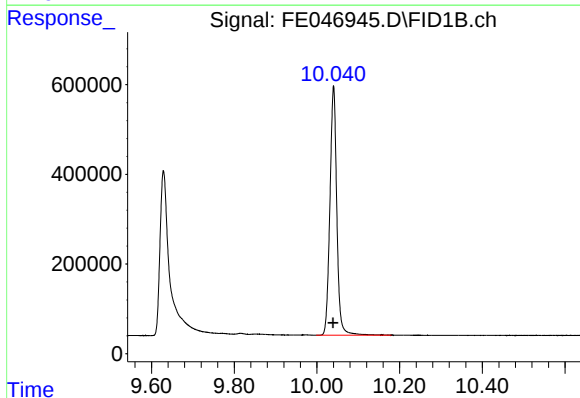
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.013 min
Response: 6099373
Conc: 42.53 ug/ml



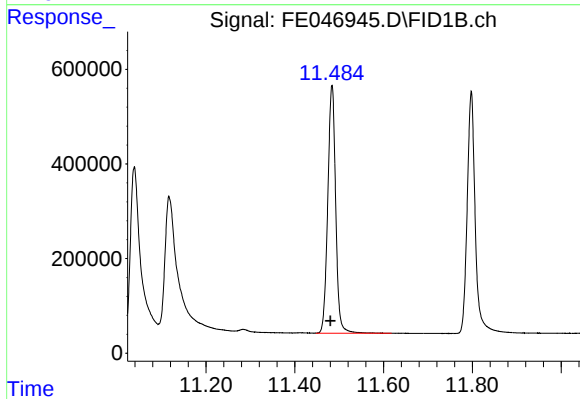
#6 n-Tetradecane (C14)

R.T.: 8.433 min
Delta R.T.: 0.003 min
Response: 6451075
Conc: 41.84 ug/ml



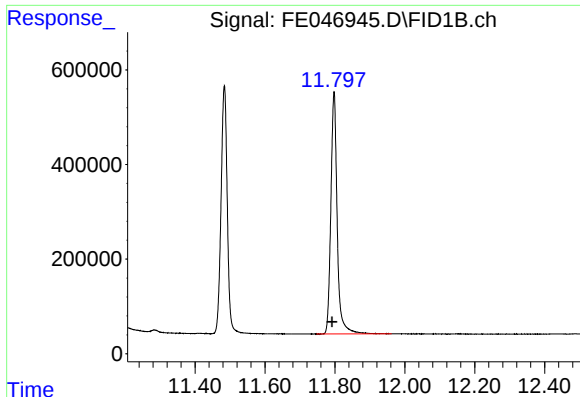
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.002 min
Response: 6423858
Conc: 40.49 ug/ml



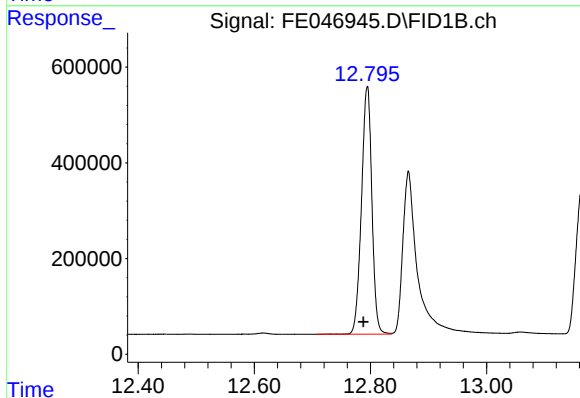
#8 n-Octadecane (C18)

R.T.: 11.484 min
Delta R.T.: 0.004 min
Response: 6482815
Conc: 40.67 ug/ml



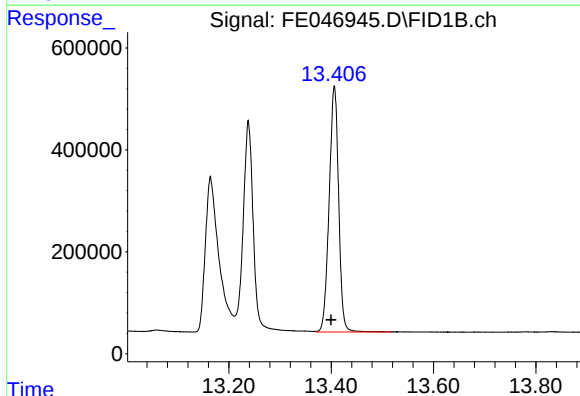
#9 ortho-Terphenyl (SURR)

R.T.: 11.798 min
Delta R.T.: 0.006 min
Response: 6445033
Conc: 39.23 ug/ml



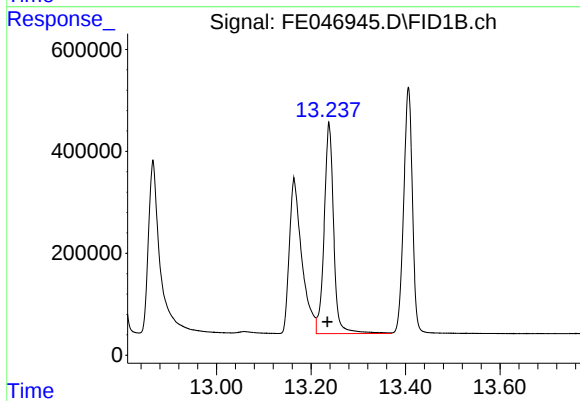
#10 n-Eicosane (C20)

R.T.: 12.795 min
Delta R.T.: 0.007 min
Response: 6439864
Conc: 42.54 ug/ml



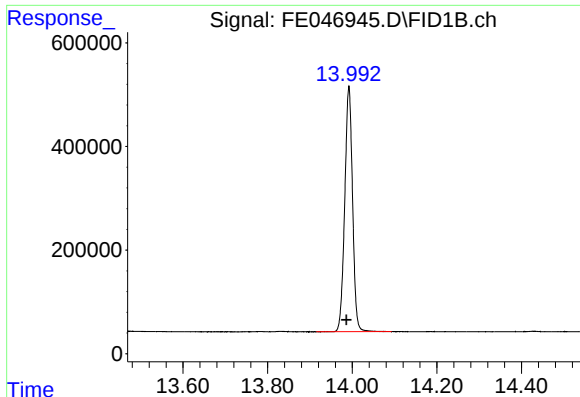
#11 n-Heneicosane (C21)

R.T.: 13.406 min
Delta R.T.: 0.007 min
Response: 6207600
Conc: 41.92 ug/ml



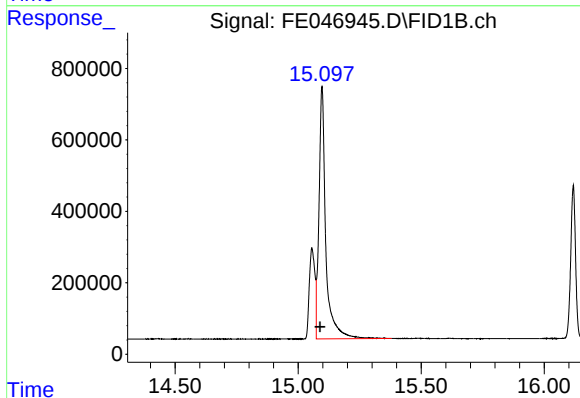
#12 1-chlorooctadecane (SURR)

R.T.: 13.238 min
Delta R.T.: 0.003 min
Response: 5784396
Conc: 46.99 ug/ml



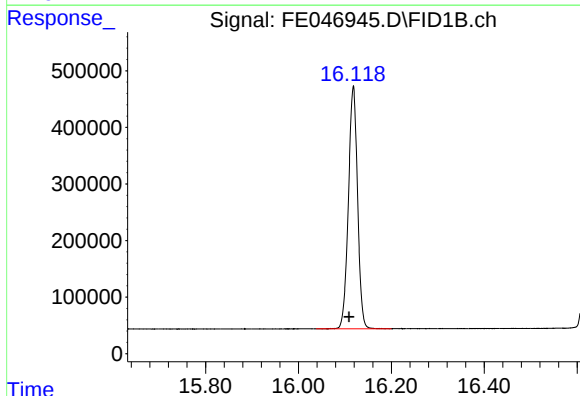
#13 n-Docosane (C22)

R.T.: 13.992 min
Delta R.T.: 0.006 min
Response: 6062075
Conc: 41.67 ug/ml



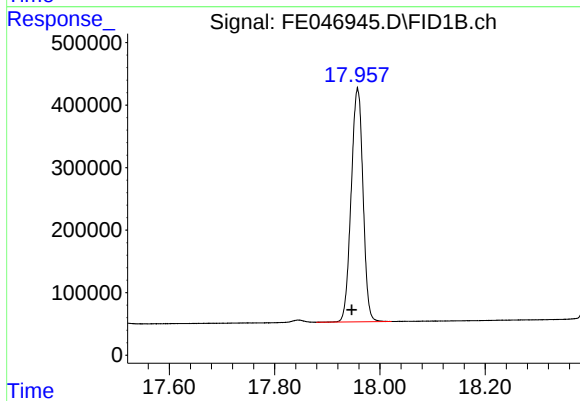
#14 n-Tetracosane (C24)

R.T.: 15.097 min
Delta R.T.: 0.008 min
Response: 13694184
Conc: 95.89 ug/ml



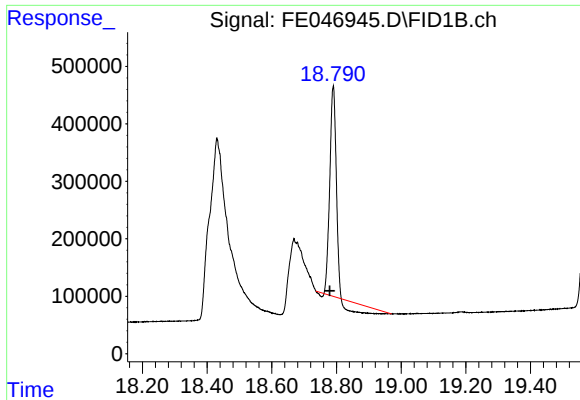
#15 n-Hexacosane (C26)

R.T.: 16.118 min
Delta R.T.: 0.009 min
Response: 5859564
Conc: 41.93 ug/ml



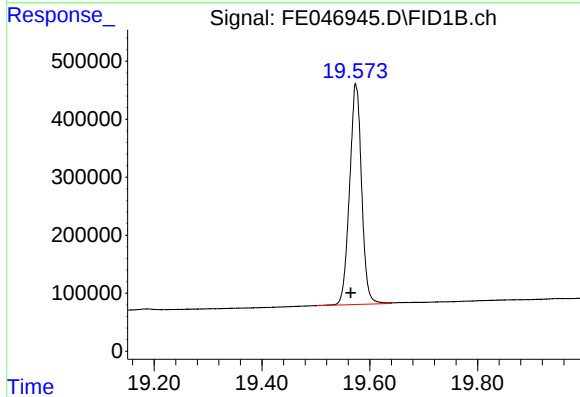
#17 n-Tricontane (C30)

R.T.: 17.958 min
Delta R.T.: 0.011 min
Response: 5834519
Conc: 41.82 ug/ml



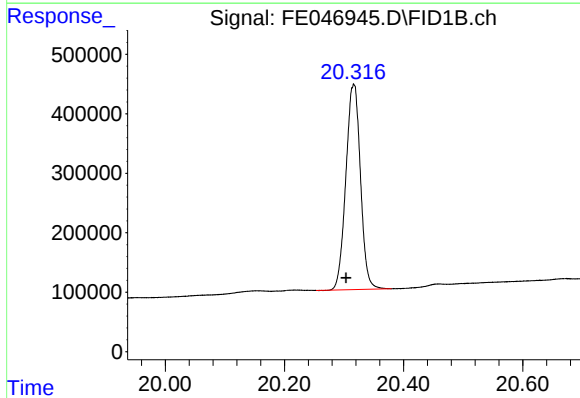
#18 n-Dotriacontane (C32)

R.T.: 18.790 min
Delta R.T.: 0.011 min
Response: 4151693
Conc: 30.17 ug/ml



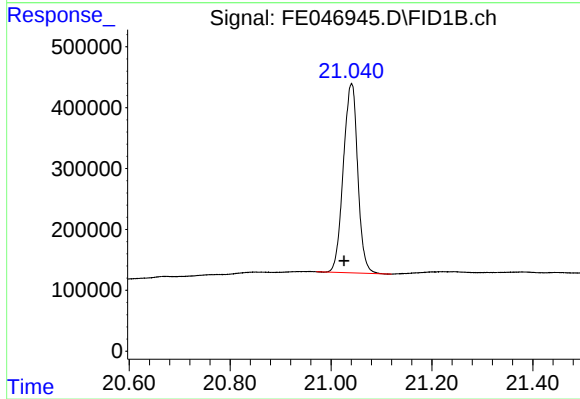
#19 n-Tetratriacontane (C34)

R.T.: 19.574 min
Delta R.T.: 0.009 min
Response: 5903854
Conc: 43.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.317 min
Delta R.T.: 0.013 min
Response: 5868961
Conc: 44.07 ug/ml



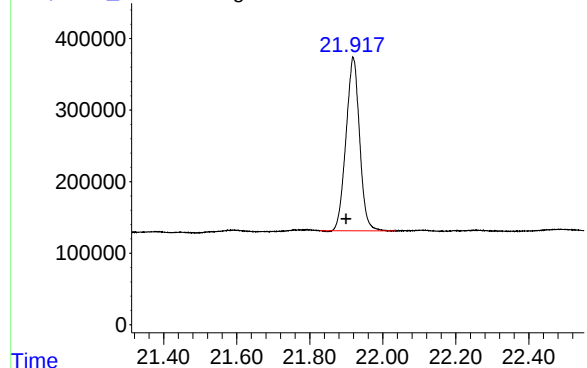
#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: 0.015 min
Response: 6161772
Conc: 44.72 ug/ml

Response_

Signal: FE046945.D\FID1B.ch

#22 n-Tetracontane (C40)



R.T.: 21.919 min
Delta R.T.: 0.019 min
Response: 6264088
Conc: 44.40 ug/ml