

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AL\
 Data File : FD045108.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 02:28
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 05:09:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:07:41 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)	11.455	7253612	47.044 ug/ml
Spiked Amount 50.000		Recovery =	94.09%
12) S 1-chlorooctadecane (S...	12.887	5500194	47.575 ug/ml
Spiked Amount 50.000		Recovery =	95.15%
Target Compounds			
1) T n-Nonane (C9)	3.267	6395299	46.658 ug/ml
2) T n-Decane (C10)	4.326	6302965	46.756 ug/ml
3) T A~Naphthalene (C11.7)	5.895	7405326	46.819 ug/ml
4) T n-Dodecane (C12)	6.333	6393370	46.891 ug/ml
5) T A~2-methylnaphthalene...	6.945	6997513	47.105 ug/ml
6) T n-Tetradecane (C14)	8.119	6417136	46.831 ug/ml
7) T n-Hexadecane (C16)	9.712	6565417	46.979 ug/ml
8) T n-Octadecane (C18)	11.146	6616559	46.905 ug/ml
10) T n-Eicosane (C20)	12.447	6401483	47.039 ug/ml
11) T n-Heneicosane (C21)	13.056	6412643	47.024 ug/ml
13) T n-Docosane (C22)	13.638	6314908	47.028 ug/ml
14) T n-Tetracosane (C24)	14.734	6184751	46.884 ug/ml
15) T n-Hexacosane (C26)	15.748	5964499	47.431 ug/ml
16) T n-Octacosane (C28)	16.692	5768206	47.371 ug/ml
17) T n-Tricontane (C30)	17.573	5583022	47.301 ug/ml
18) T n-Dotriacontane (C32)	18.399	5520080	47.272 ug/ml
19) T n-Tetratriacontane (C34)	19.178	5439505	47.446 ug/ml
20) T n-Hexatriacontane (C36)	19.912	5178506	47.422 ug/ml
21) T n-Octatriacontane (C38)	20.617	5129738	47.407 ug/ml
22) T n-Tetracontane (C40)	21.456	5114405	47.267 ug/ml

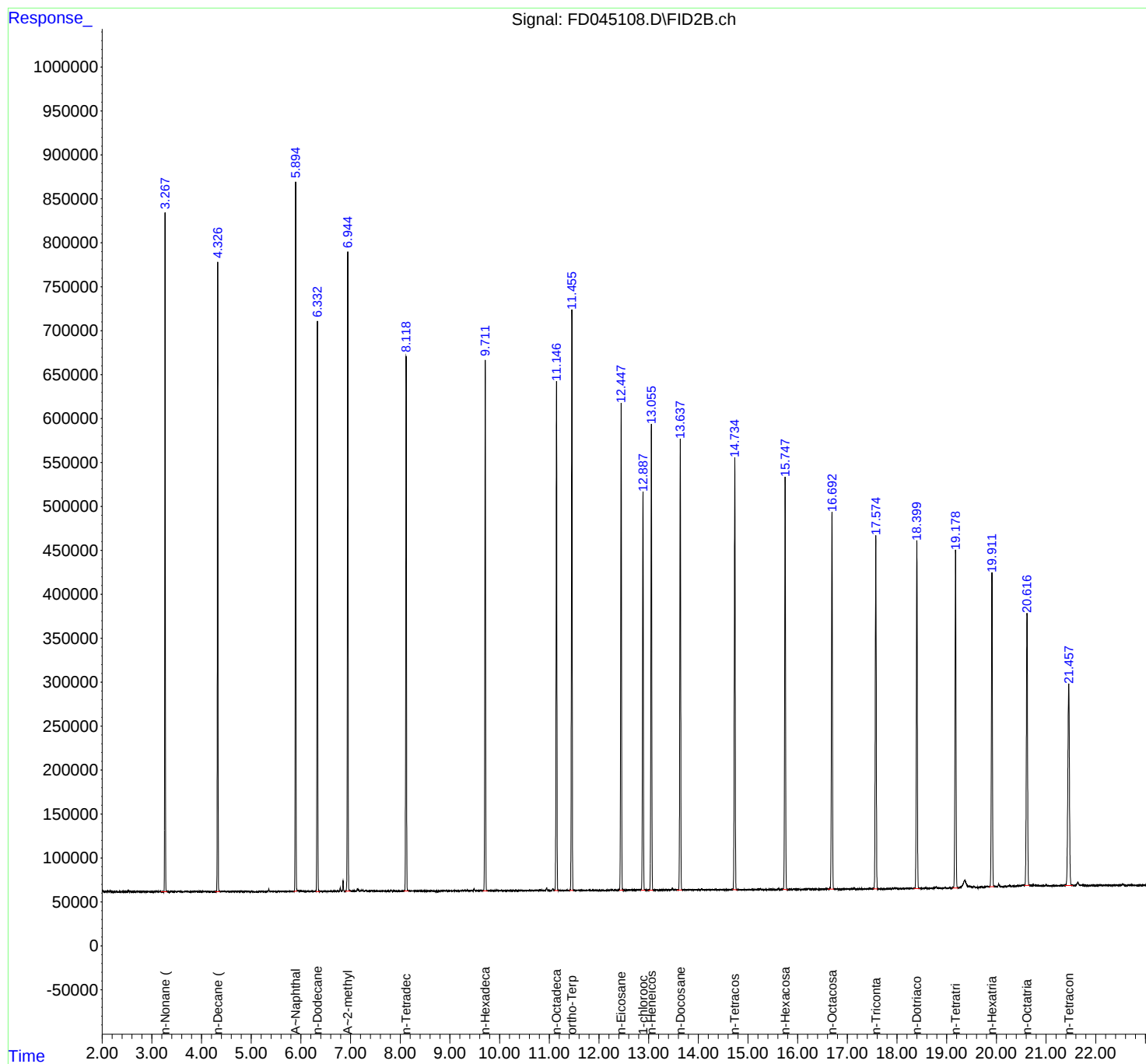
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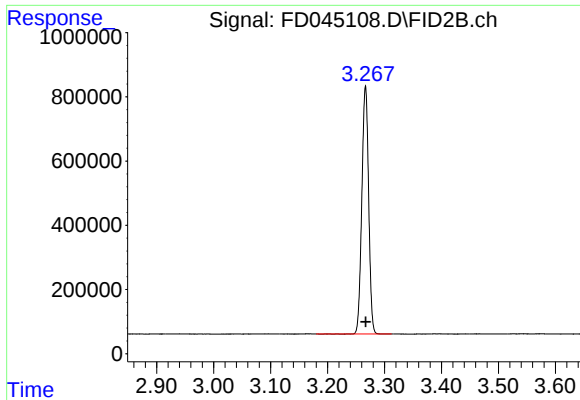
(m)=manual int.

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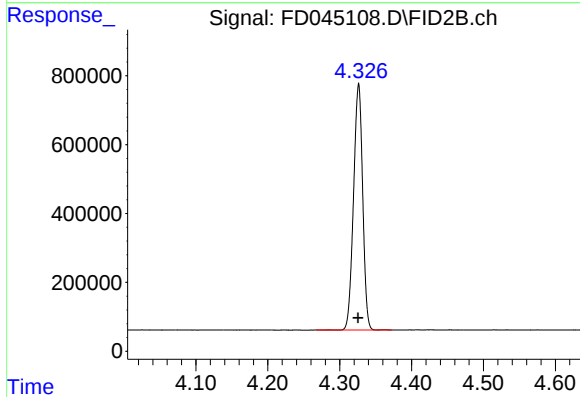
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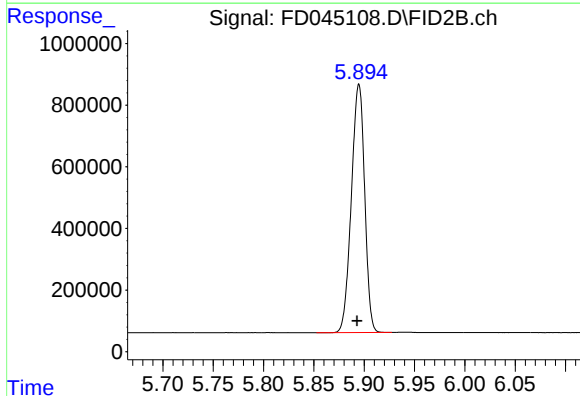
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 6395299
Conc: 46.66 ug/ml



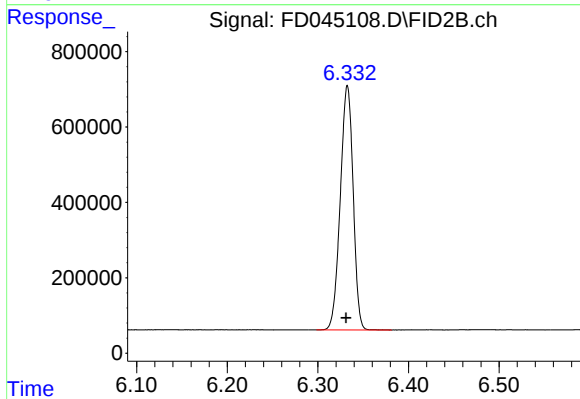
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 6302965
Conc: 46.76 ug/ml



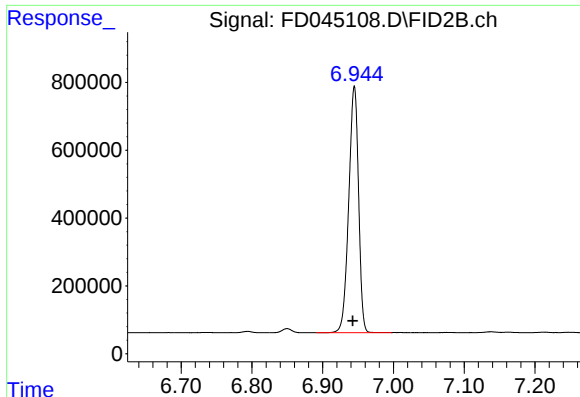
#3 A~Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 7405326
Conc: 46.82 ug/ml



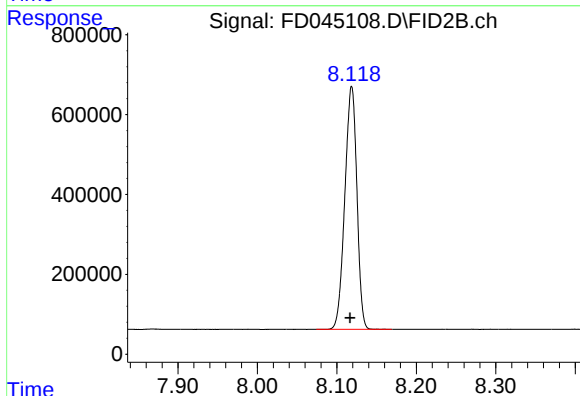
#4 n-Dodecane (C12)

R.T.: 6.333 min
Delta R.T.: 0.002 min
Response: 6393370
Conc: 46.89 ug/ml



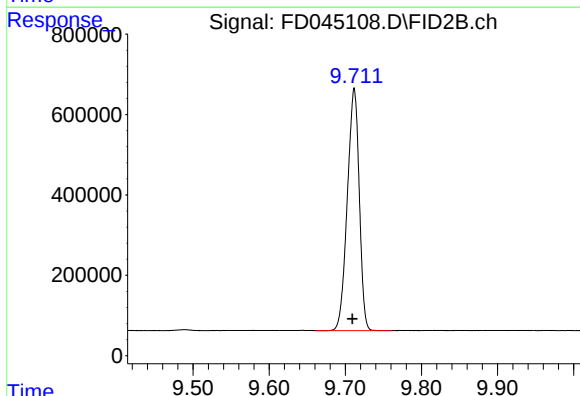
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.002 min
Response: 6997513
Conc: 47.10 ug/ml



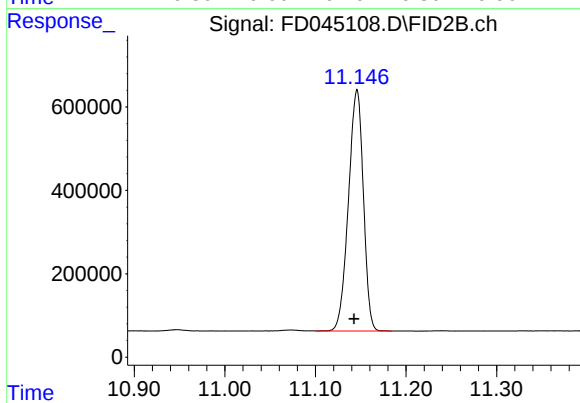
#6 n-Tetradecane (C14)

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 6417136
Conc: 46.83 ug/ml



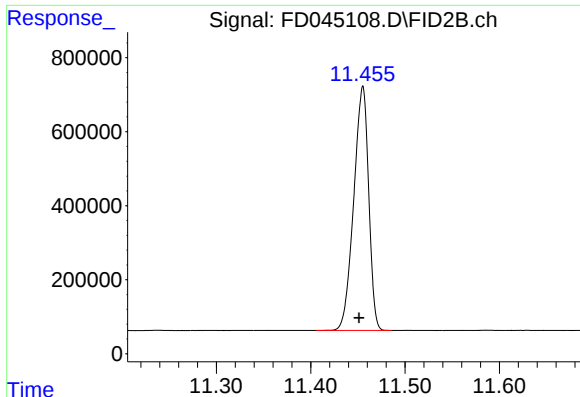
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: 0.003 min
Response: 6565417
Conc: 46.98 ug/ml



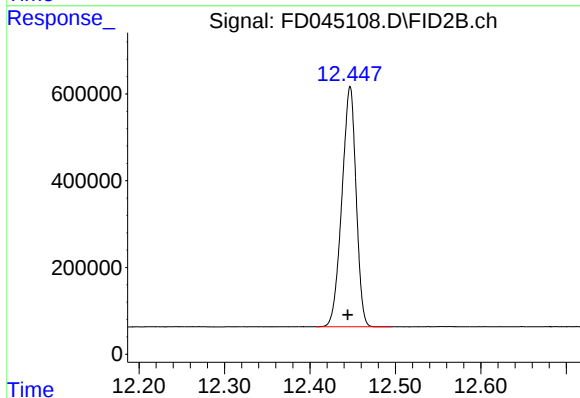
#8 n-Octadecane (C18)

R.T.: 11.146 min
Delta R.T.: 0.003 min
Response: 6616559
Conc: 46.90 ug/ml



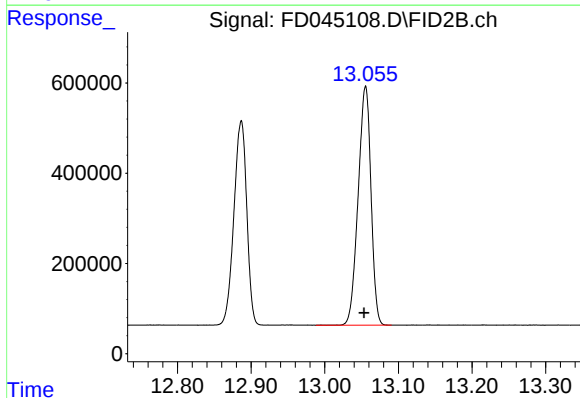
#9 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: 0.004 min
Response: 7253612
Conc: 47.04 ug/ml



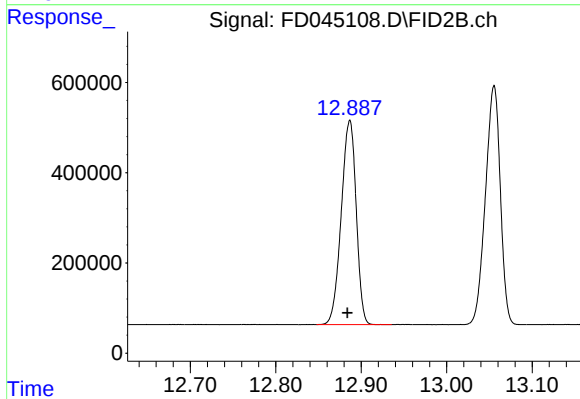
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: 0.003 min
Response: 6401483
Conc: 47.04 ug/ml



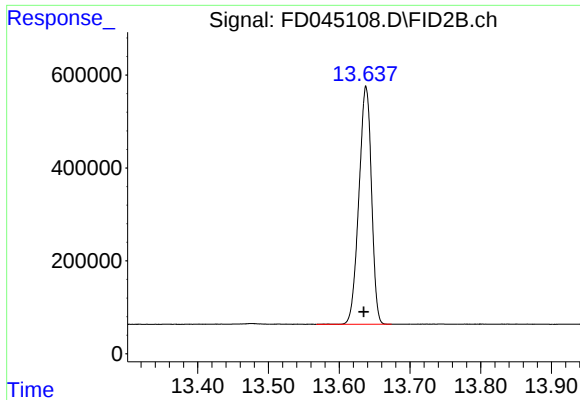
#11 n-Heneicosane (C21)

R.T.: 13.056 min
Delta R.T.: 0.002 min
Response: 6412643
Conc: 47.02 ug/ml



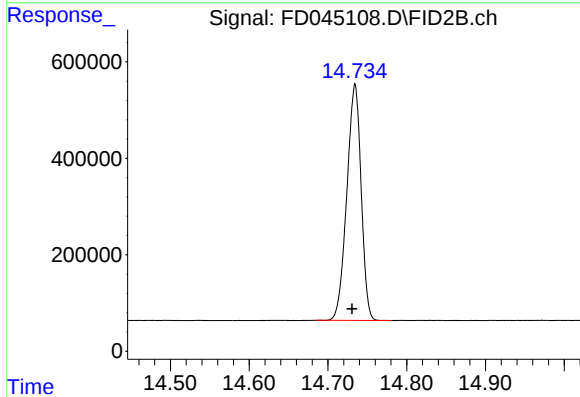
#12 1-chlorooctadecane (SURR)

R.T.: 12.887 min
Delta R.T.: 0.003 min
Response: 5500194
Conc: 47.58 ug/ml



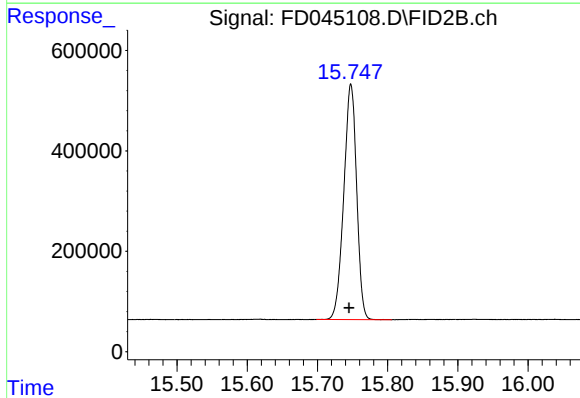
#13 n-Docosane (C22)

R.T.: 13.638 min
Delta R.T.: 0.003 min
Response: 6314908
Conc: 47.03 ug/ml



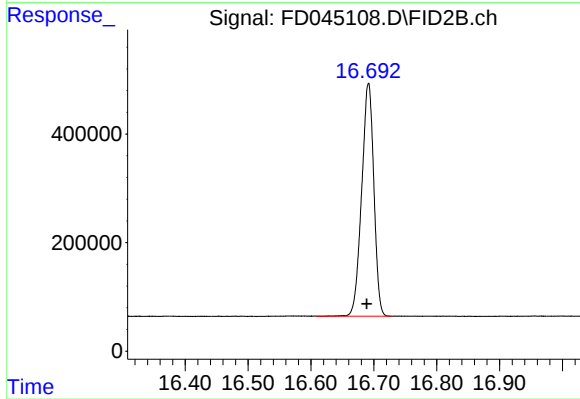
#14 n-Tetracosane (C24)

R.T.: 14.734 min
Delta R.T.: 0.004 min
Response: 6184751
Conc: 46.88 ug/ml



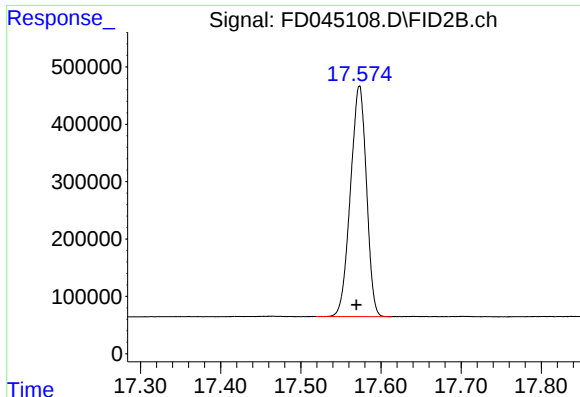
#15 n-Hexacosane (C26)

R.T.: 15.748 min
Delta R.T.: 0.003 min
Response: 5964499
Conc: 47.43 ug/ml



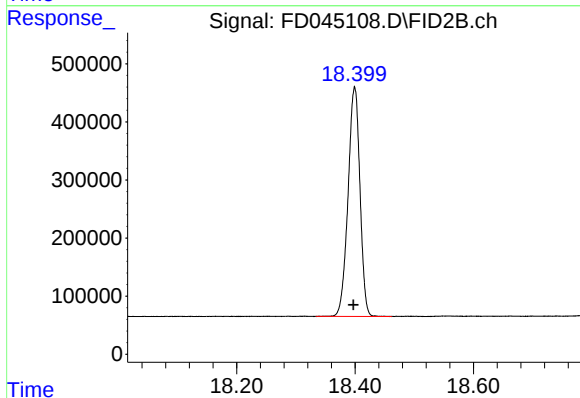
#16 n-Octacosane (C28)

R.T.: 16.692 min
Delta R.T.: 0.003 min
Response: 5768206
Conc: 47.37 ug/ml



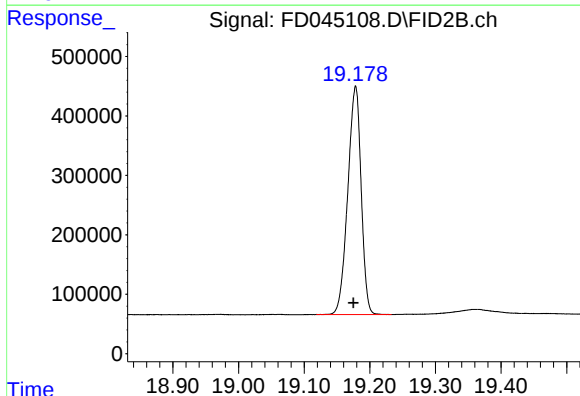
#17 n-Tricontane (C30)

R.T.: 17.573 min
Delta R.T.: 0.004 min
Response: 5583022
Conc: 47.30 ug/ml



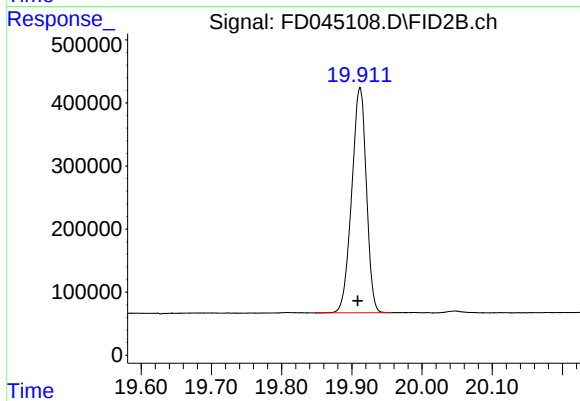
#18 n-Dotriacontane (C32)

R.T.: 18.399 min
Delta R.T.: 0.002 min
Response: 5520080
Conc: 47.27 ug/ml



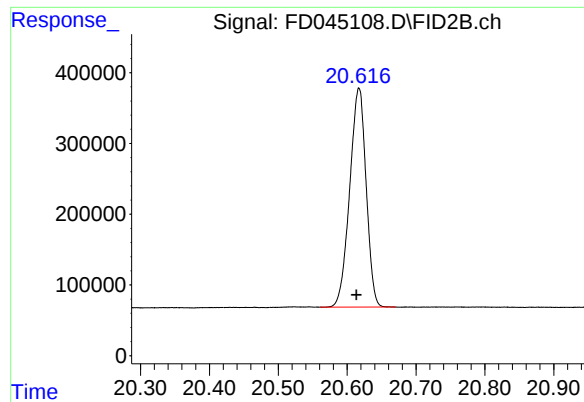
#19 n-Tetratriacontane (C34)

R.T.: 19.178 min
Delta R.T.: 0.004 min
Response: 5439505
Conc: 47.45 ug/ml



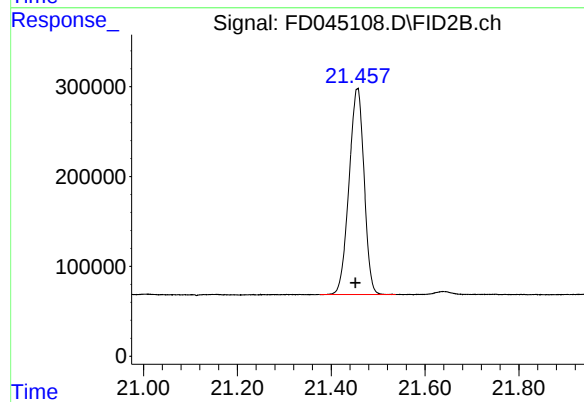
#20 n-Hexatriacontane (C36)

R.T.: 19.912 min
Delta R.T.: 0.003 min
Response: 5178506
Conc: 47.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.617 min
Delta R.T.: 0.004 min
Response: 5129738
Conc: 47.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.456 min
Delta R.T.: 0.005 min
Response: 5114405
Conc: 47.27 ug/ml