

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013023AL\
 Data File : FD044924.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2023 17:57
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 21:18:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 013023.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 30 21:10:11 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)	11.452	844914	5.239 ug/ml
Spiked Amount 50.000		Recovery =	10.48%
12) S 1-chlorooctadecane (S...	12.886	602091	5.056 ug/ml
Spiked Amount 50.000		Recovery =	10.11%
Target Compounds			
1) T n-Nonane (C9)	3.272	730888	5.290 ug/ml
2) T n-Decane (C10)	4.329	713904	5.263 ug/ml
3) T A~Naphthalene (C11.7)	5.896	835467	5.245 ug/ml
4) T n-Dodecane (C12)	6.334	724642	5.254 ug/ml
5) T A~2-methylnaphthalene...	6.944	792623	5.256 ug/ml
6) T n-Tetradecane (C14)	8.118	737003	5.258 ug/ml
7) T n-Hexadecane (C16)	9.711	757147	5.240 ug/ml
8) T n-Octadecane (C18)	11.145	771365	5.248 ug/ml
10) T n-Eicosane (C20)	12.447	739075	5.194 ug/ml
11) T n-Heneicosane (C21)	13.054	750722	5.255 ug/ml
13) T n-Docosane (C22)	13.638	729811	5.188 ug/ml
14) T n-Tetracosane (C24)	14.733	717760	5.173 ug/ml
15) T n-Hexacosane (C26)	15.747	688630	5.152 ug/ml
16) T n-Octacosane (C28)	16.691	667922	5.169 ug/ml
17) T n-Tricontane (C30)	17.572	640634	5.157 ug/ml
18) T n-Dotriacontane (C32)	18.399	652260	5.320 ug/ml
19) T n-Tetratriacontane (C34)	19.175	606420	5.151 ug/ml
20) T n-Hexatriacontane (C36)	19.911	564179	5.115 ug/ml
21) T n-Octatriacontane (C38)	20.615	533499	5.000 ug/ml
22) T n-Tetracontane (C40)	21.454	486811	4.825 ug/ml

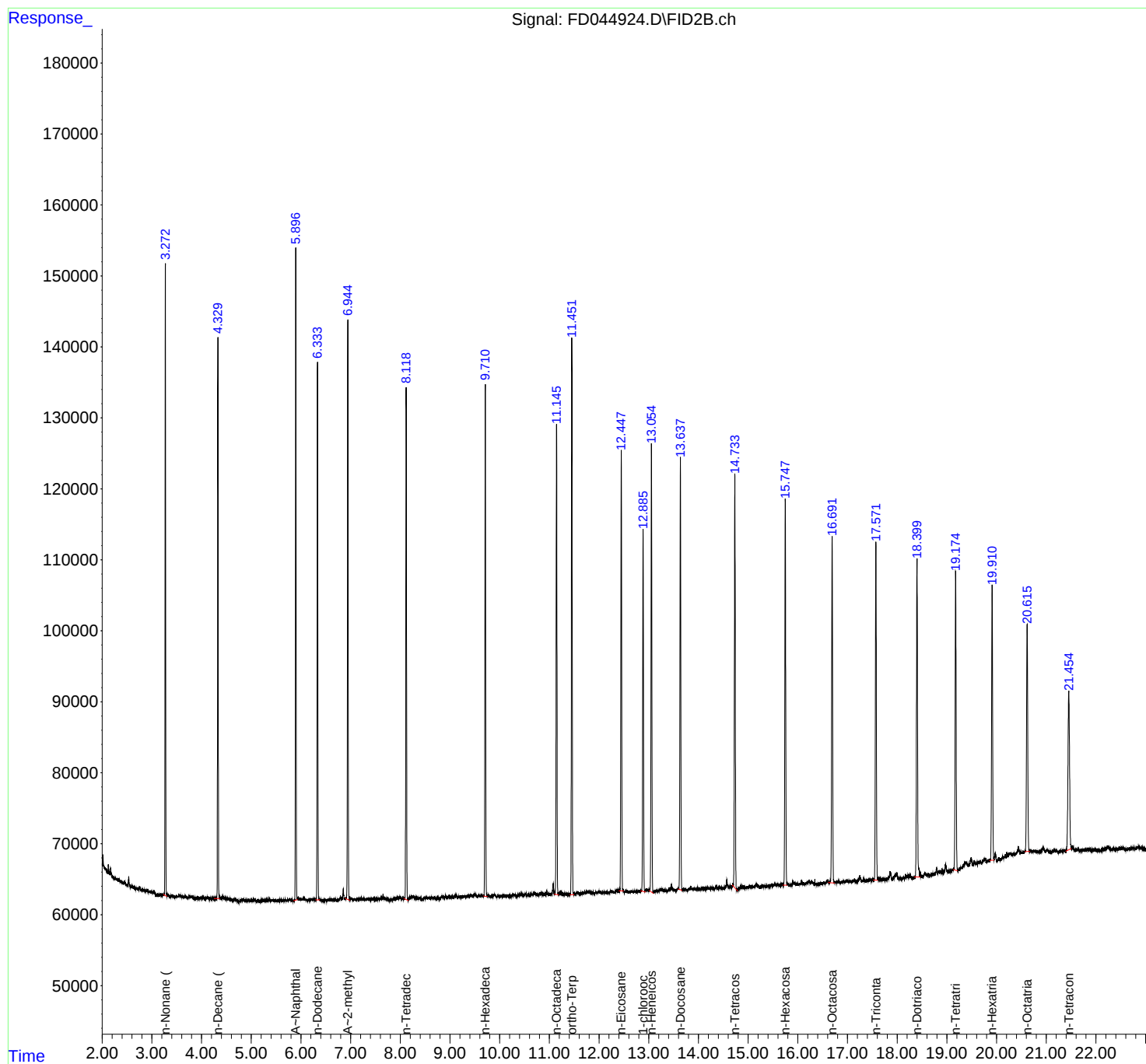
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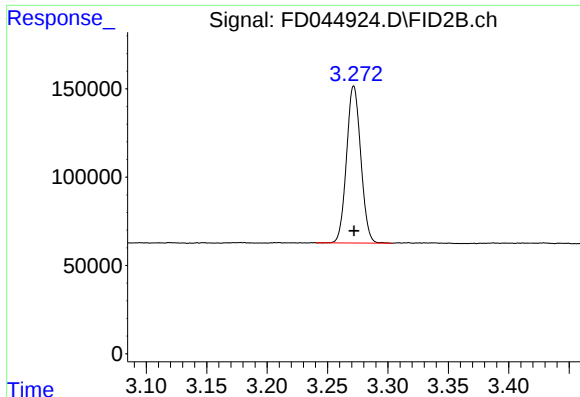
(m)=manual int.

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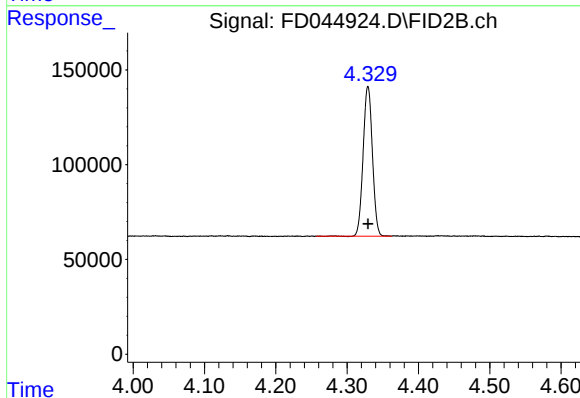
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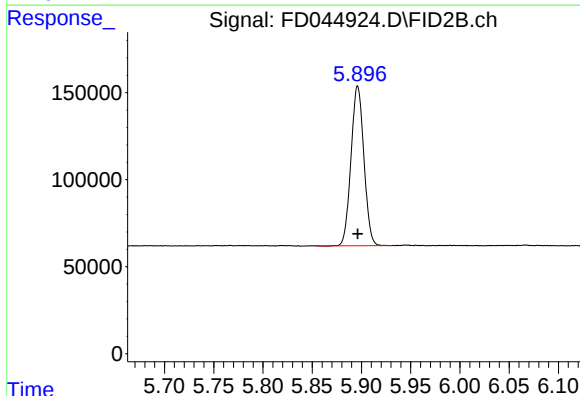
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 730888
Conc: 5.29 ug/ml



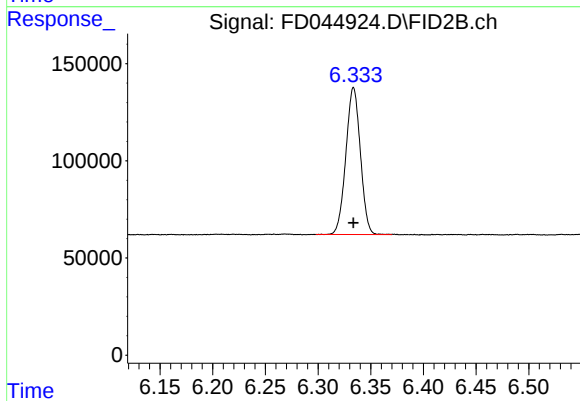
#2 n-Decane (C10)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 713904
Conc: 5.26 ug/ml



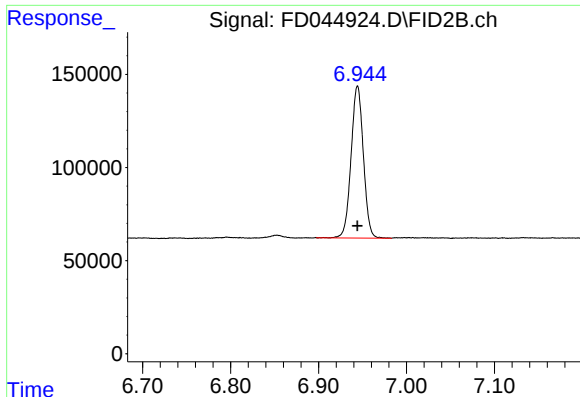
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 835467
Conc: 5.25 ug/ml



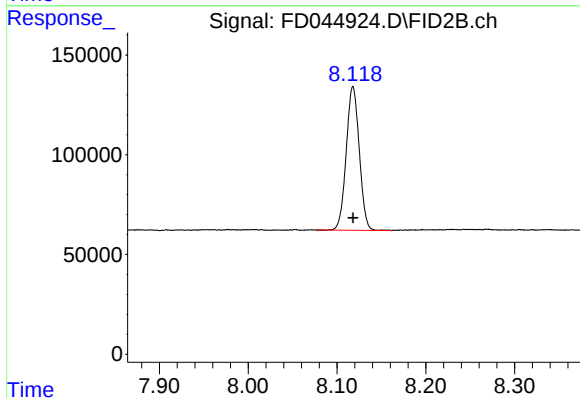
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 724642
Conc: 5.25 ug/ml



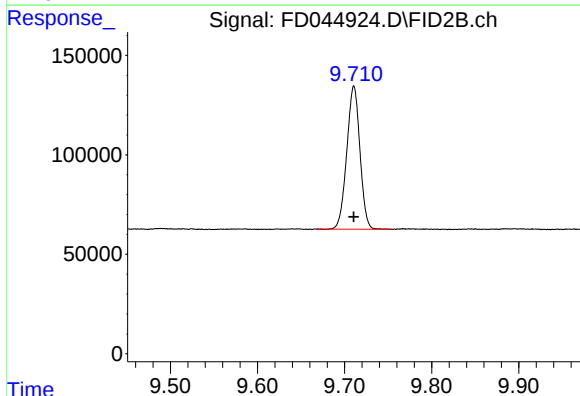
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 792623
Conc: 5.26 ug/ml



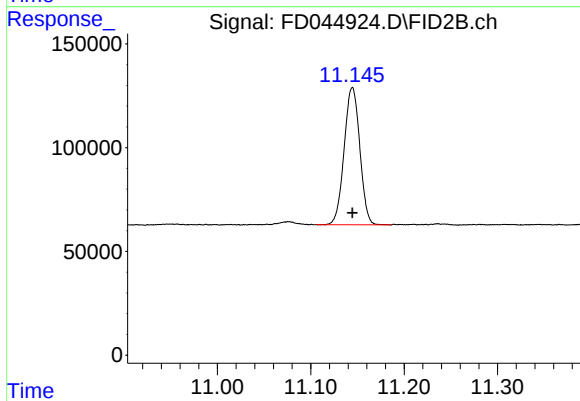
#6 n-Tetradecane (C14)

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 737003
Conc: 5.26 ug/ml



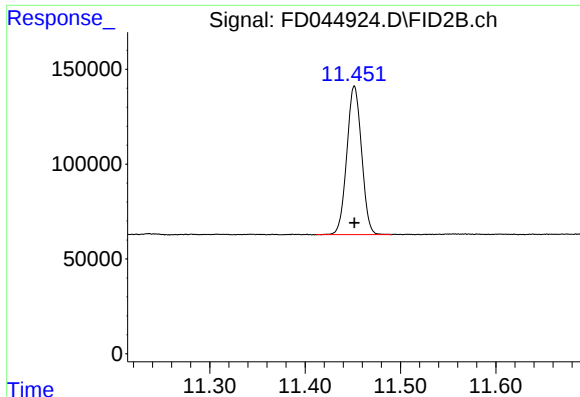
#7 n-Hexadecane (C16)

R.T.: 9.711 min
Delta R.T.: 0.000 min
Response: 757147
Conc: 5.24 ug/ml



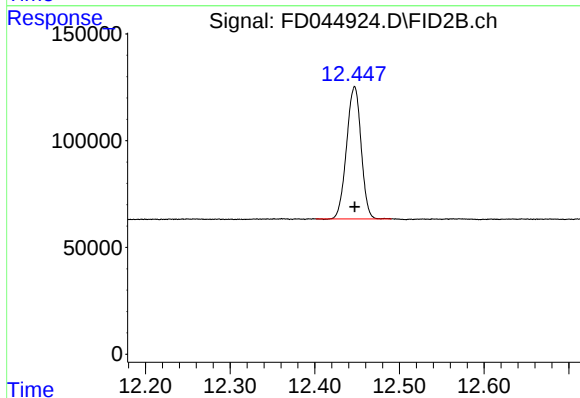
#8 n-Octadecane (C18)

R.T.: 11.145 min
Delta R.T.: 0.000 min
Response: 771365
Conc: 5.25 ug/ml



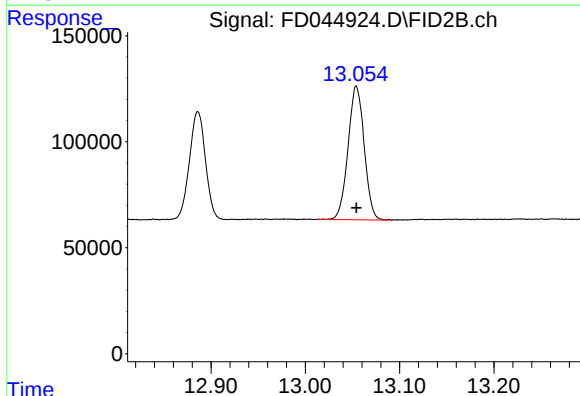
#9 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: 0.000 min
Response: 844914
Conc: 5.24 ug/ml



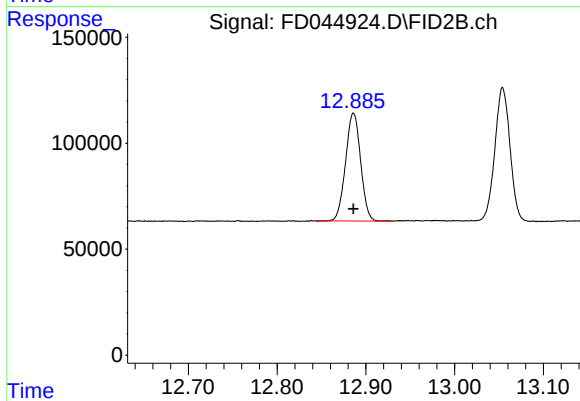
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: 0.000 min
Response: 739075
Conc: 5.19 ug/ml



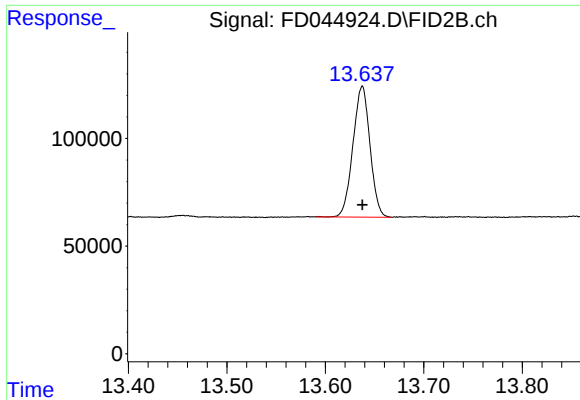
#11 n-Heneicosane (C21)

R.T.: 13.054 min
Delta R.T.: 0.000 min
Response: 750722
Conc: 5.25 ug/ml



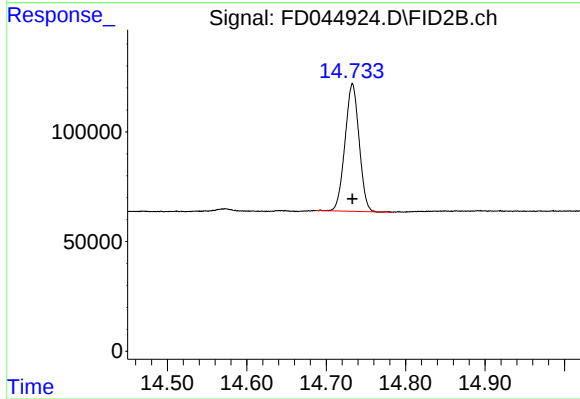
#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min
Delta R.T.: 0.000 min
Response: 602091
Conc: 5.06 ug/ml



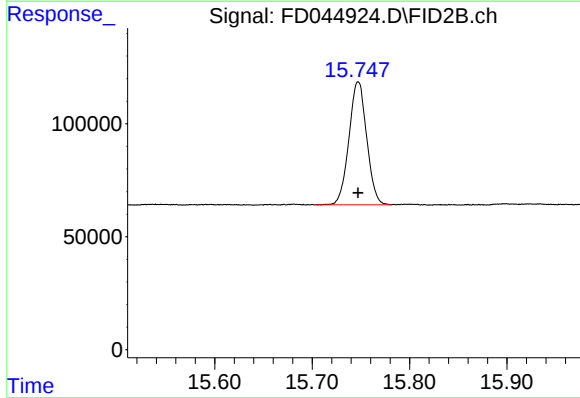
#13 n-Docosane (C22)

R.T.: 13.638 min
Delta R.T.: 0.000 min
Response: 729811
Conc: 5.19 ug/ml



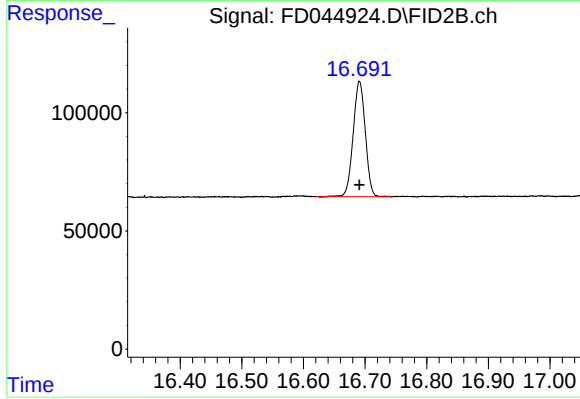
#14 n-Tetracosane (C24)

R.T.: 14.733 min
Delta R.T.: 0.000 min
Response: 717760
Conc: 5.17 ug/ml



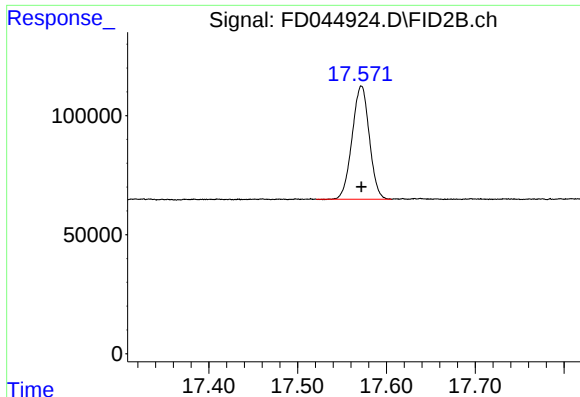
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: 0.000 min
Response: 688630
Conc: 5.15 ug/ml



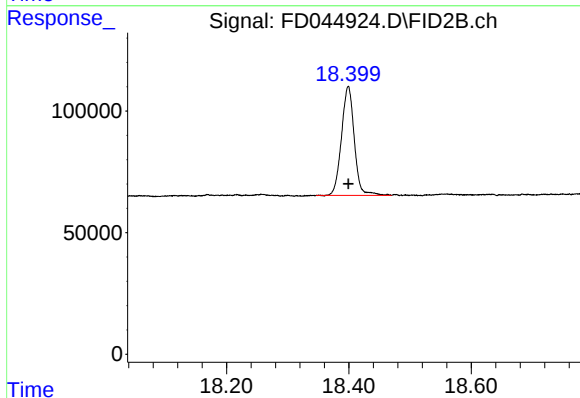
#16 n-Octacosane (C28)

R.T.: 16.691 min
Delta R.T.: 0.000 min
Response: 667922
Conc: 5.17 ug/ml



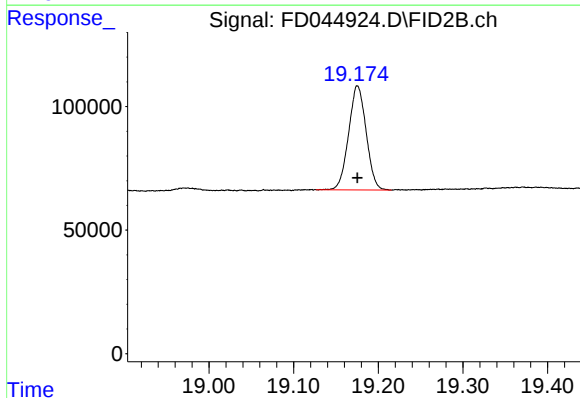
#17 n-Tricontane (C30)

R.T.: 17.572 min
Delta R.T.: 0.000 min
Response: 640634
Conc: 5.16 ug/ml



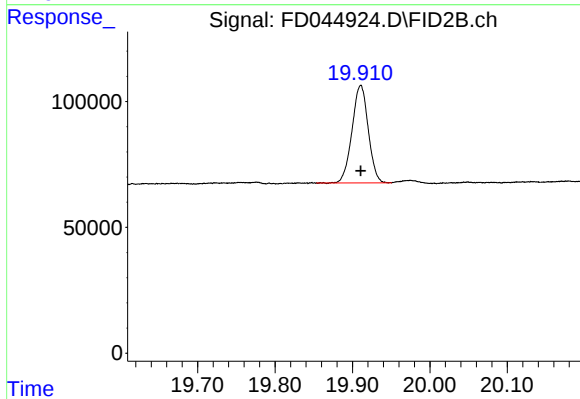
#18 n-Dotriacontane (C32)

R.T.: 18.399 min
Delta R.T.: 0.000 min
Response: 652260
Conc: 5.32 ug/ml



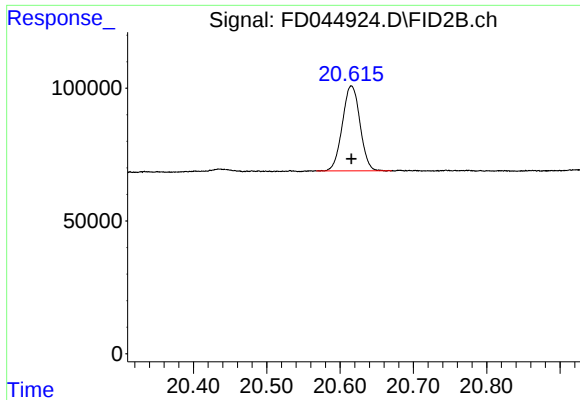
#19 n-Tetratriacontane (C34)

R.T.: 19.175 min
Delta R.T.: 0.000 min
Response: 606420
Conc: 5.15 ug/ml



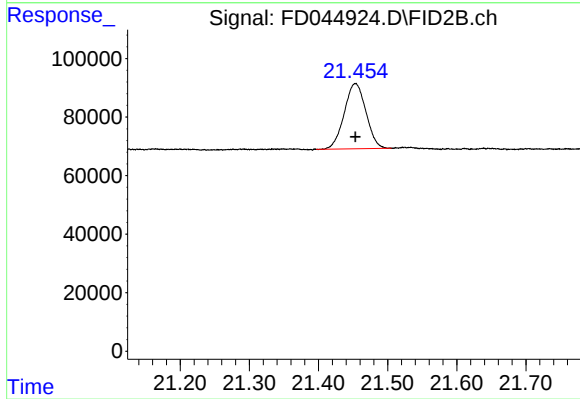
#20 n-Hexatriacontane (C36)

R.T.: 19.911 min
Delta R.T.: 0.000 min
Response: 564179
Conc: 5.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.615 min
Delta R.T.: 0.000 min
Response: 533499
Conc: 5.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.454 min
Delta R.T.: 0.000 min
Response: 486811
Conc: 4.82 ug/ml