

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031324AL\
 Data File : FE047172.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2024 20:12
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:50:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:50:00 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)	11.974	1701617	10.510 ug/ml
Spiked Amount 50.000		Recovery =	21.02%
12) S 1-chlorooctadecane (S...	13.406	1306963	10.435 ug/ml
Spiked Amount 50.000		Recovery =	20.87%
Target Compounds			
1) T n-Nonane (C9)	3.365	1561886	10.599 ug/ml
2) T n-Decane (C10)	4.615	1590088	10.579 ug/ml
3) T A~Naphthalene (C11.7)	6.317	1645037	10.493 ug/ml
4) T n-Dodecane (C12)	6.779	1593033	10.553 ug/ml
5) T A~2-methylnaphthalene...	7.412	1587359	10.513 ug/ml
6) T n-Tetradecane (C14)	8.607	1576866	10.549 ug/ml
7) T n-Hexadecane (C16)	10.213	1624354	10.524 ug/ml
8) T n-Octadecane (C18)	11.655	1647721	10.543 ug/ml
10) T n-Eicosane (C20)	12.963	1582445	10.496 ug/ml
11) T n-Heneicosane (C21)	13.573	1557445	10.493 ug/ml
13) T n-Docosane (C22)	14.158	1546500	10.475 ug/ml
14) T n-Tetracosane (C24)	15.258	1533780	10.452 ug/ml
15) T n-Hexacosane (C26)	16.277	1492698	10.427 ug/ml
16) T n-Octacosane (C28)	17.223	1442618	10.378 ug/ml
17) T n-Tricontane (C30)	18.109	1439992	10.340 ug/ml
18) T n-Dotriacontane (C32)	18.938	1386396	10.240 ug/ml
19) T n-Tetratriacontane (C34)	19.720	1317117	10.231 ug/ml
20) T n-Hexatriacontane (C36)	20.457	1256458	10.143 ug/ml
21) T n-Octatriacontane (C38)	21.199	1269774	10.375 ug/ml
22) T n-Tetracontane (C40)	22.125	1150463	9.924 ug/ml

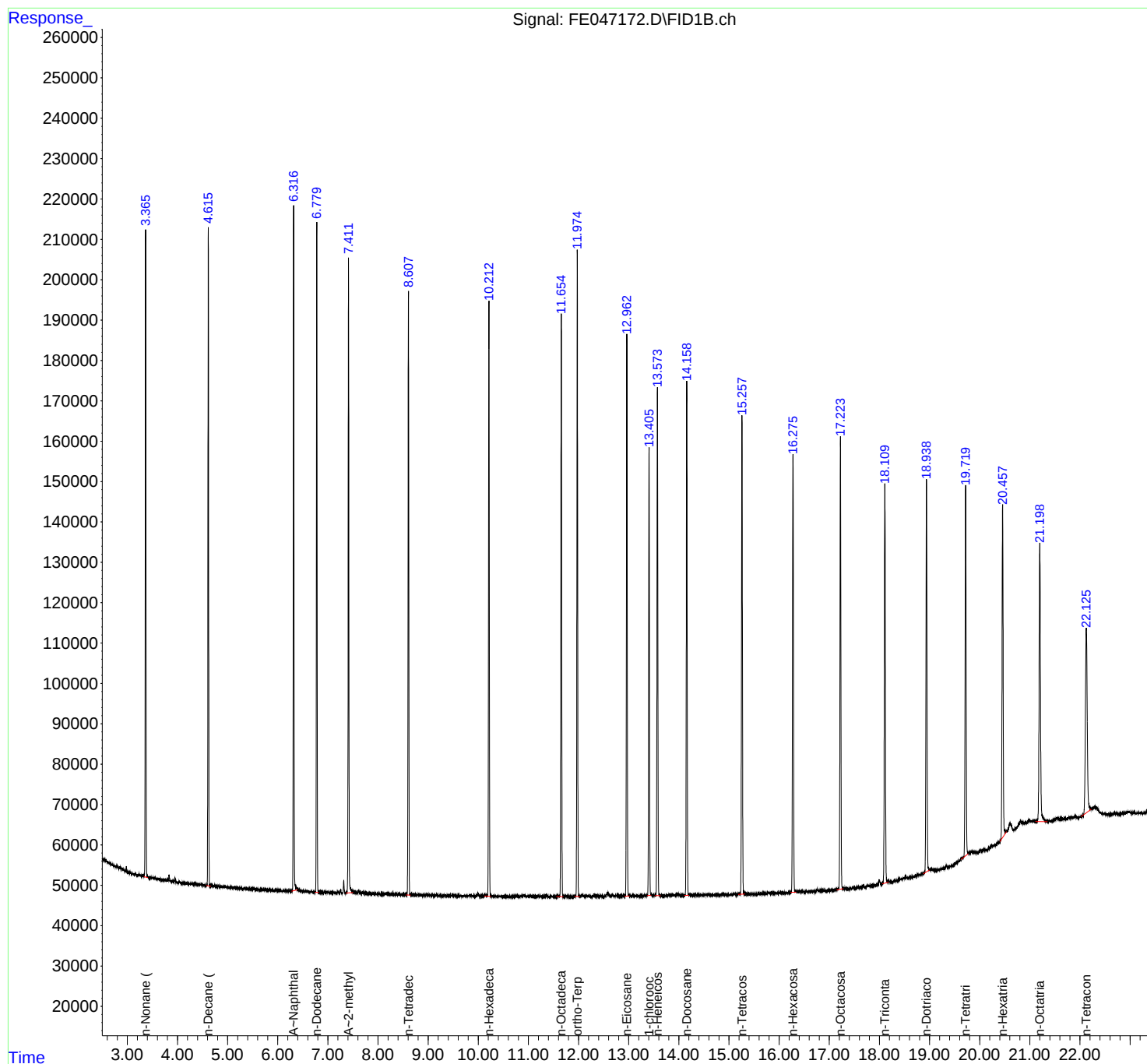
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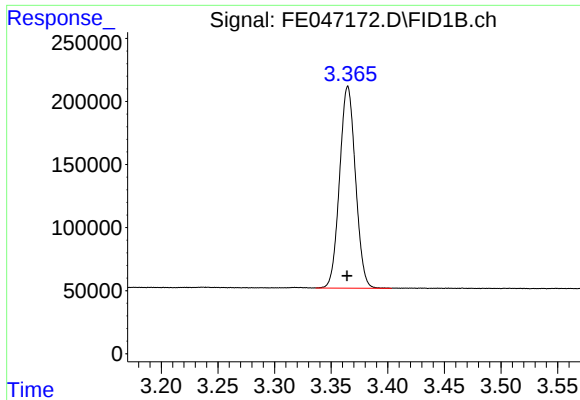
(m)=manual int.

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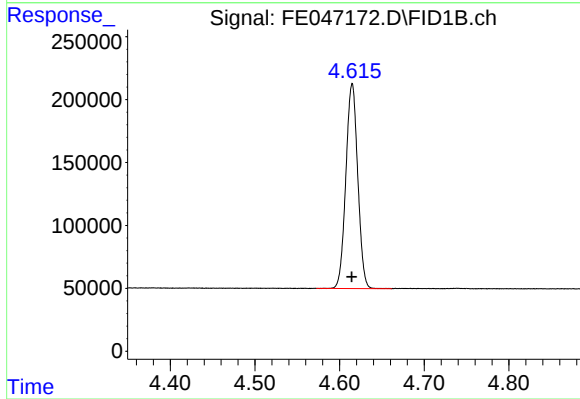
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Signal Info : 20M x 0.18mm x 0.18um





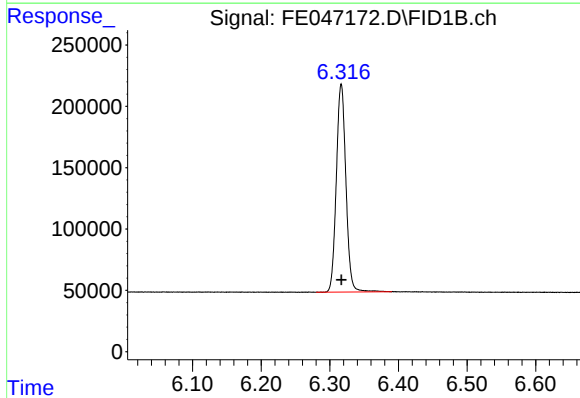
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 1561886
Conc: 10.60 ug/ml



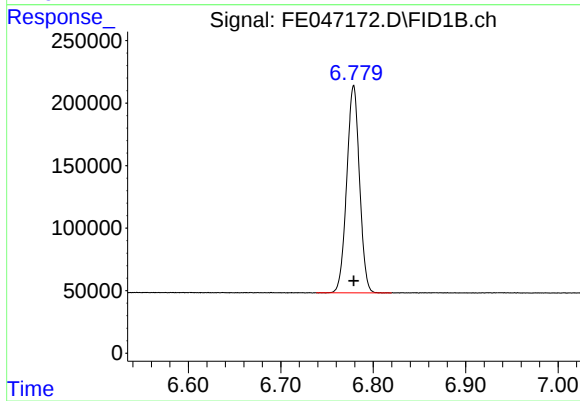
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 1590088
Conc: 10.58 ug/ml



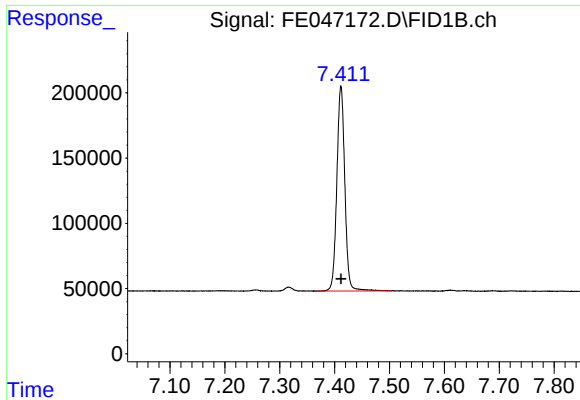
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 1645037
Conc: 10.49 ug/ml



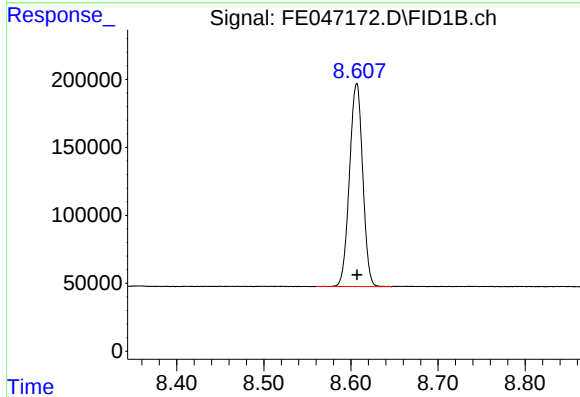
#4 n-Dodecane (C12)

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 1593033
Conc: 10.55 ug/ml



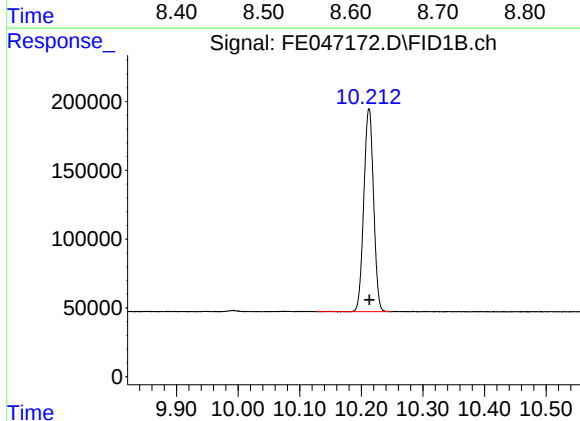
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: 0.000 min
Response: 1587359
Conc: 10.51 ug/ml



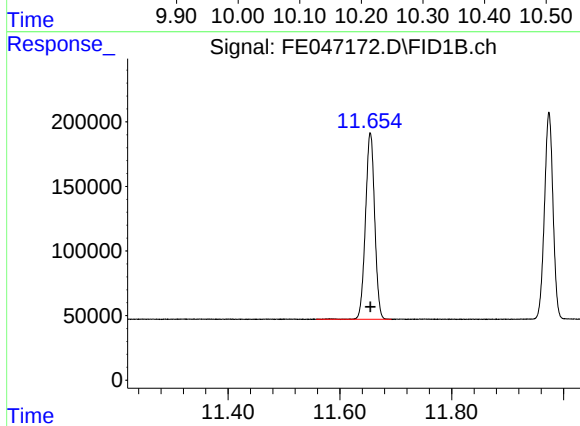
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 1576866
Conc: 10.55 ug/ml



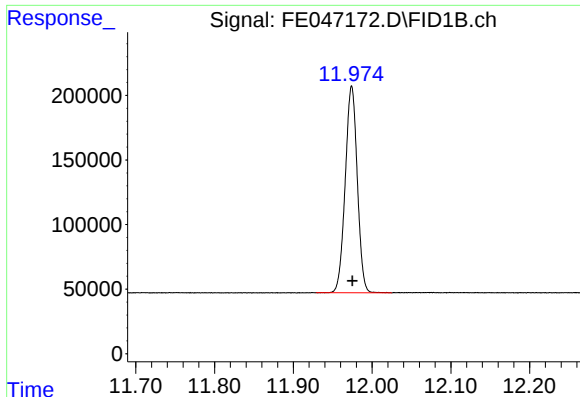
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 1624354
Conc: 10.52 ug/ml



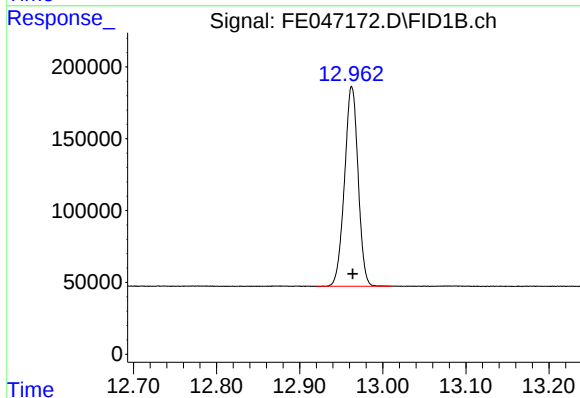
#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 1647721
Conc: 10.54 ug/ml



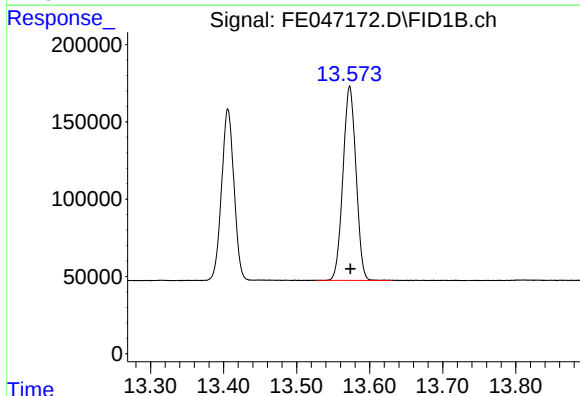
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 1701617
Conc: 10.51 ug/ml



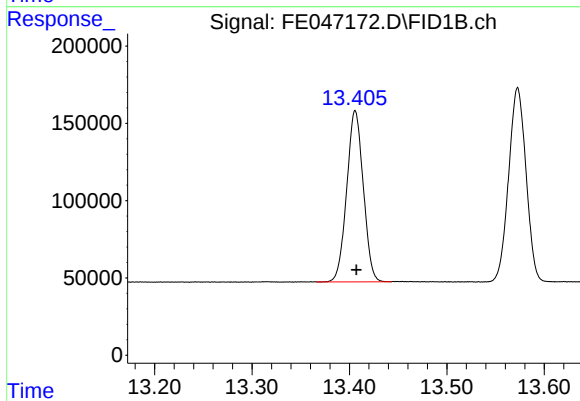
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.001 min
Response: 1582445
Conc: 10.50 ug/ml



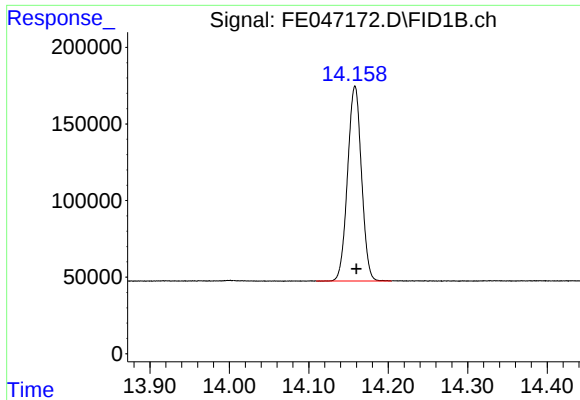
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.001 min
Response: 1557445
Conc: 10.49 ug/ml



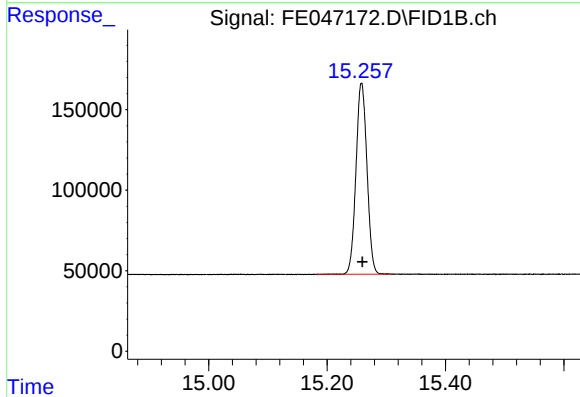
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.001 min
Response: 1306963
Conc: 10.44 ug/ml



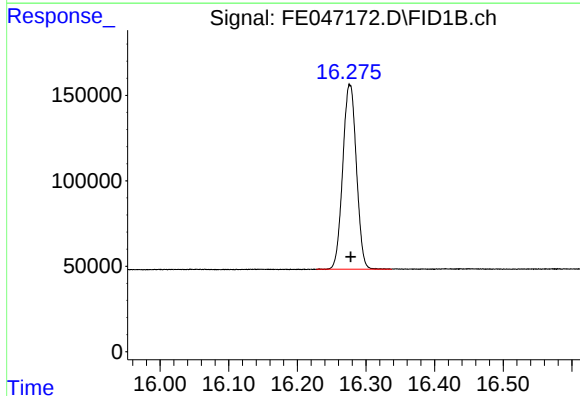
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.002 min
Response: 1546500
Conc: 10.47 ug/ml



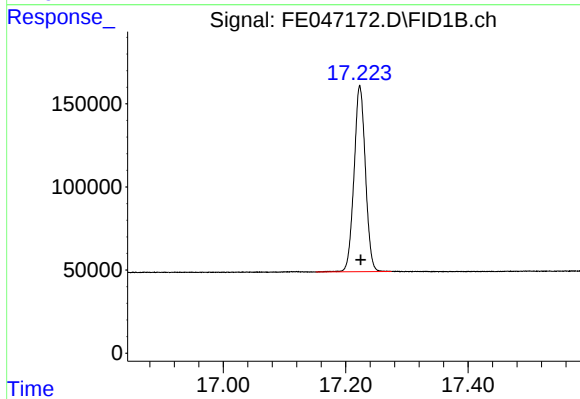
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.001 min
Response: 1533780
Conc: 10.45 ug/ml



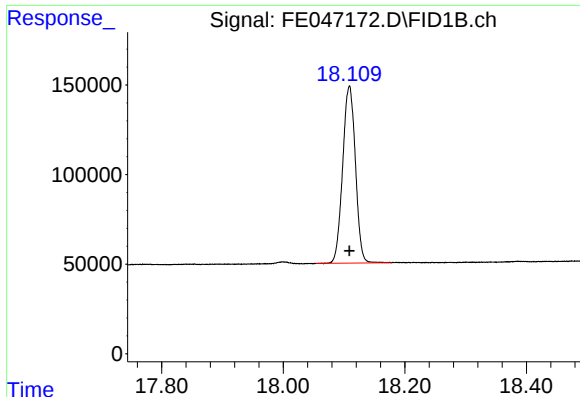
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.001 min
Response: 1492698
Conc: 10.43 ug/ml



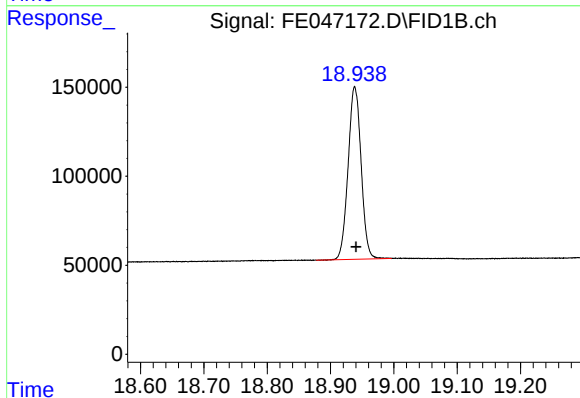
#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.001 min
Response: 1442618
Conc: 10.38 ug/ml



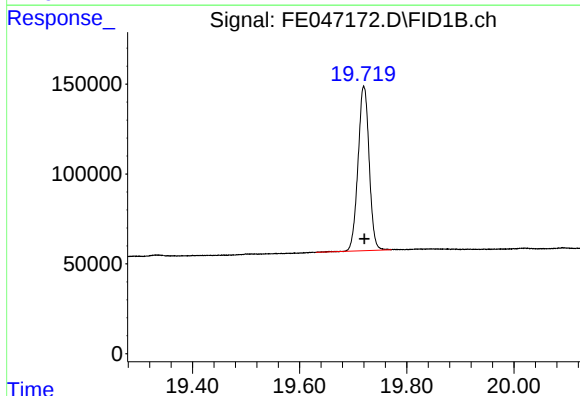
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: 0.000 min
Response: 1439992
Conc: 10.34 ug/ml



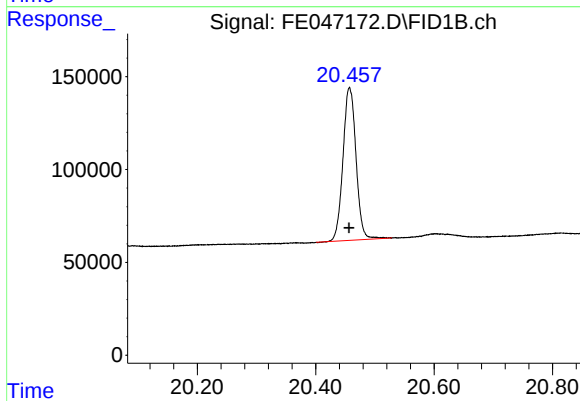
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.002 min
Response: 1386396
Conc: 10.24 ug/ml



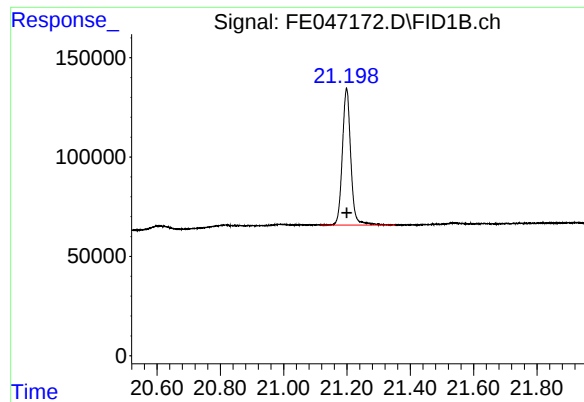
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.001 min
Response: 1317117
Conc: 10.23 ug/ml



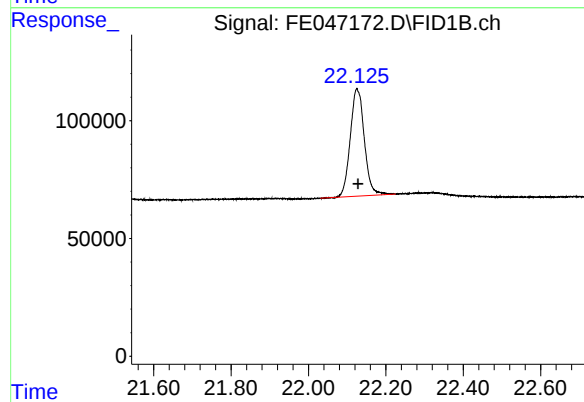
#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 1256458
Conc: 10.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.000 min
Response: 1269774
Conc: 10.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.003 min
Response: 1150463
Conc: 9.92 ug/ml