

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031324AL\
 Data File : FE047174.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2024 22:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:56:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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	3164580	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.407	2440072	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.364	2890664	19.226 ug/ml
2) T n-Decane (C10)	4.614	2942814	19.195 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3064631	19.222 ug/ml
4) T n-Dodecane (C12)	6.778	2948734	19.164 ug/ml
5) T A~2-methylnaphthalene...	7.411	2951692	19.233 ug/ml
6) T n-Tetradecane (C14)	8.605	2914878	19.131 ug/ml
7) T n-Hexadecane (C16)	10.212	3009283	19.118 ug/ml
8) T n-Octadecane (C18)	11.655	3044146	19.115 ug/ml
10) T n-Eicosane (C20)	12.962	2948211	19.181 ug/ml
11) T n-Heneicosane (C21)	13.574	2894527	19.130 ug/ml
13) T n-Docosane (C22)	14.159	2875367	19.111 ug/ml
14) T n-Tetracosane (C24)	15.260	2862975	19.171 ug/ml
15) T n-Hexacosane (C26)	16.278	2790385	19.155 ug/ml
16) T n-Octacosane (C28)	17.224	2703907	19.163 ug/ml
17) T n-Tricontane (C30)	18.109	2719497	19.238 ug/ml
18) T n-Dotriacontane (C32)	18.939	2736689	19.845 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2486773	19.047 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2343955	18.815 ug/ml
21) T n-Octatriacontane (C38)	21.197	2251322	18.131 ug/ml
22) T n-Tetracontane (C40)	22.128	2229794	18.958 ug/ml

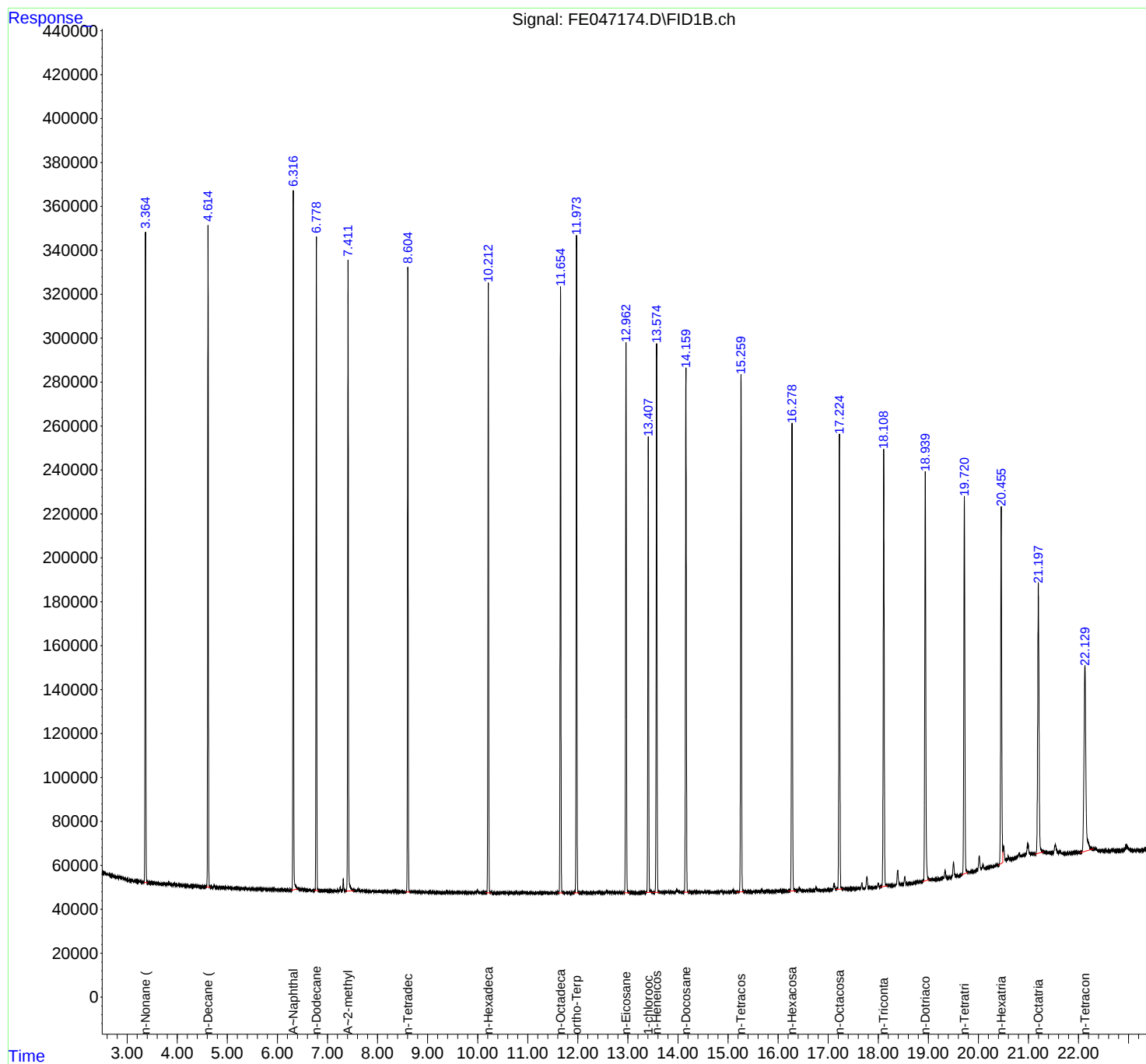
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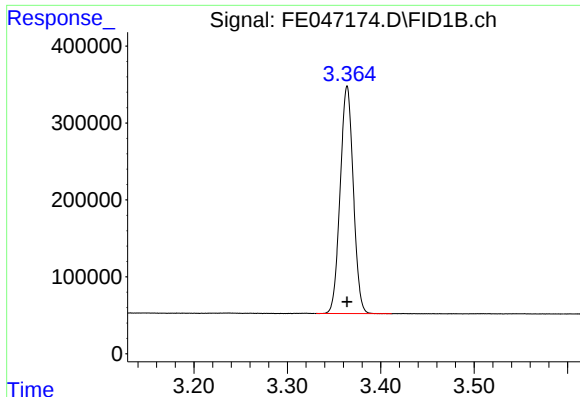
(m)=manual int.

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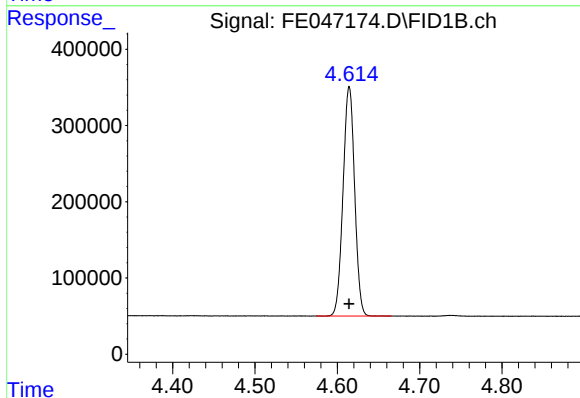
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





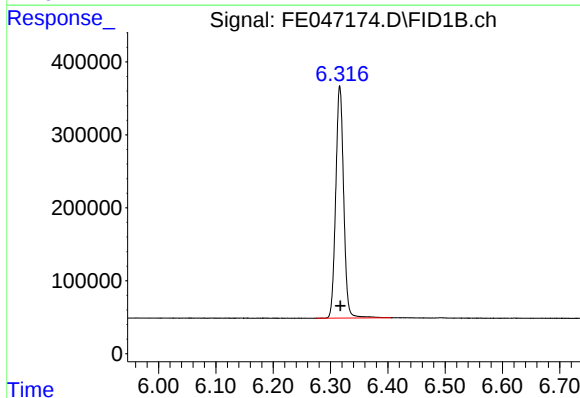
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 2890664
Conc: 19.23 ug/ml



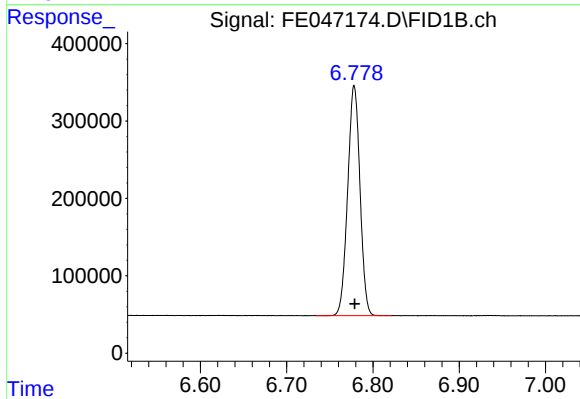
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 2942814
Conc: 19.19 ug/ml



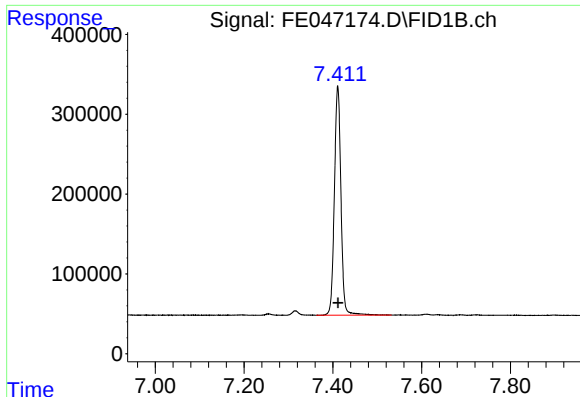
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 3064631
Conc: 19.22 ug/ml



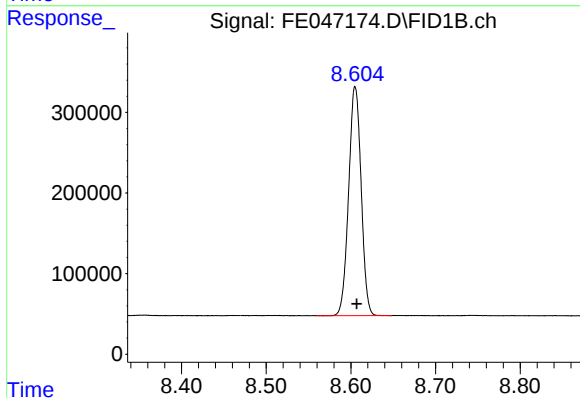
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 2948734
Conc: 19.16 ug/ml



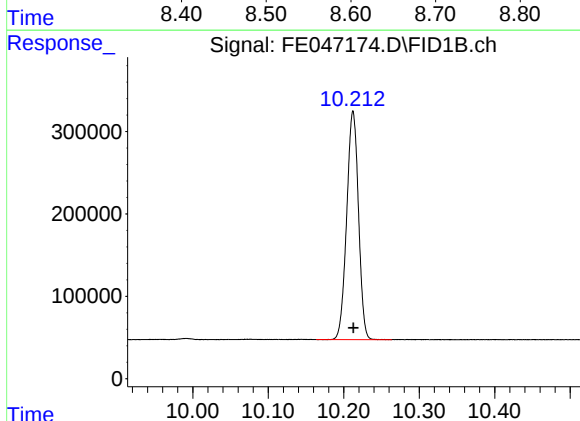
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 2951692
Conc: 19.23 ug/ml



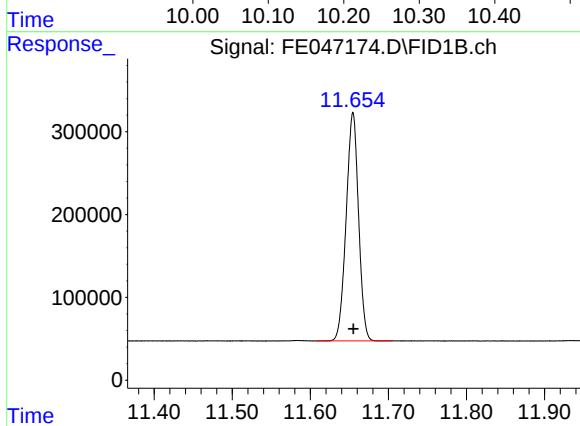
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 2914878
Conc: 19.13 ug/ml



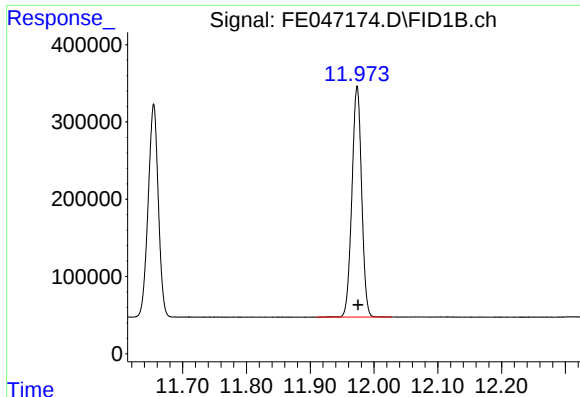
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 3009283
Conc: 19.12 ug/ml



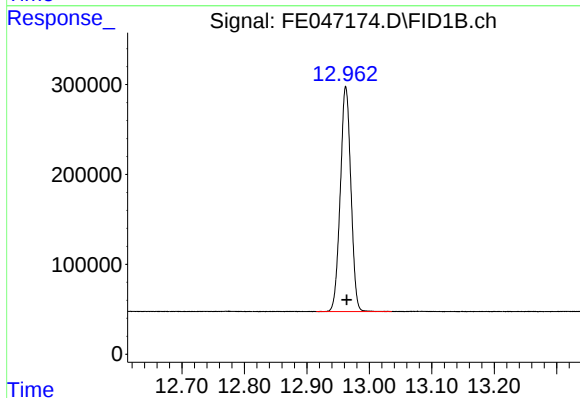
#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 3044146
Conc: 19.12 ug/ml



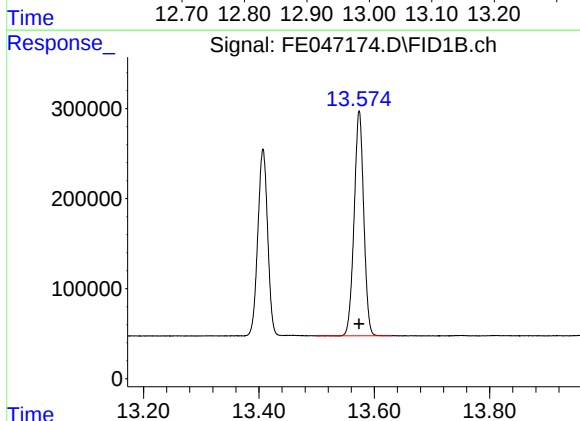
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: -0.001 min
Response: 3164580
Conc: 19.18 ug/ml



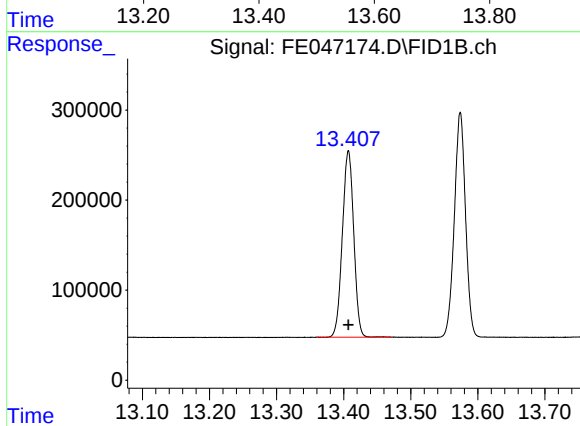
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 2948211
Conc: 19.18 ug/ml



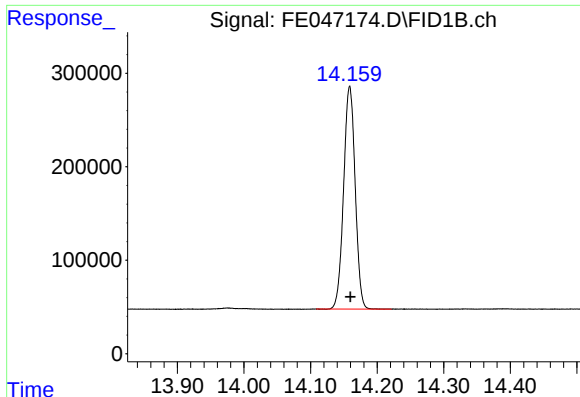
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.000 min
Response: 2894527
Conc: 19.13 ug/ml



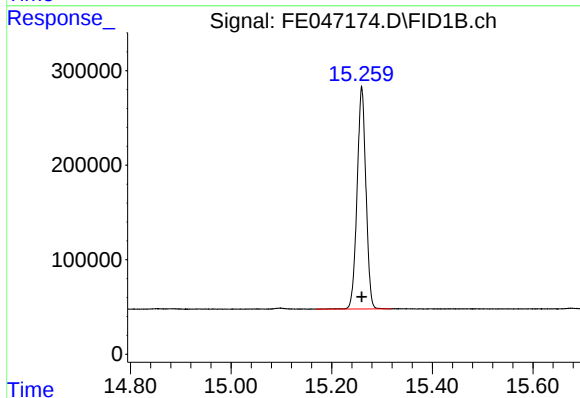
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.000 min
Response: 2440072
Conc: 19.14 ug/ml



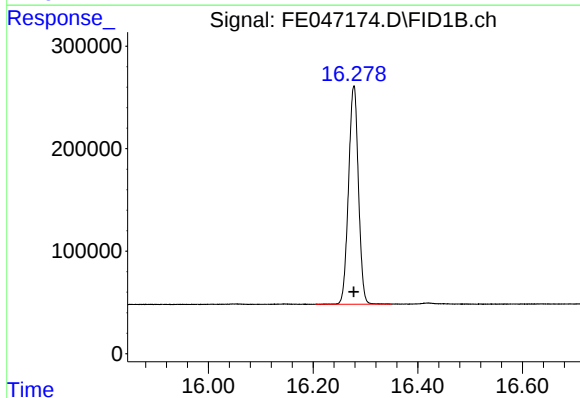
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.000 min
Response: 2875367
Conc: 19.11 ug/ml



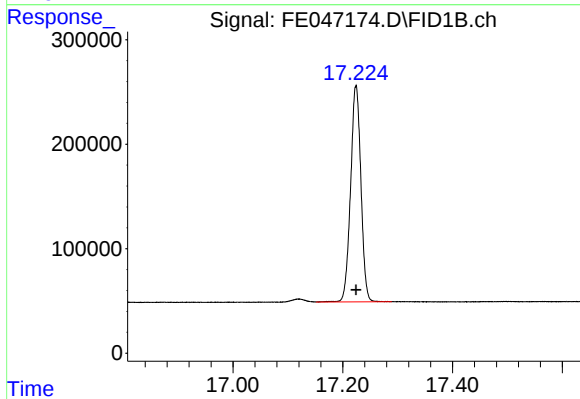
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 2862975
Conc: 19.17 ug/ml



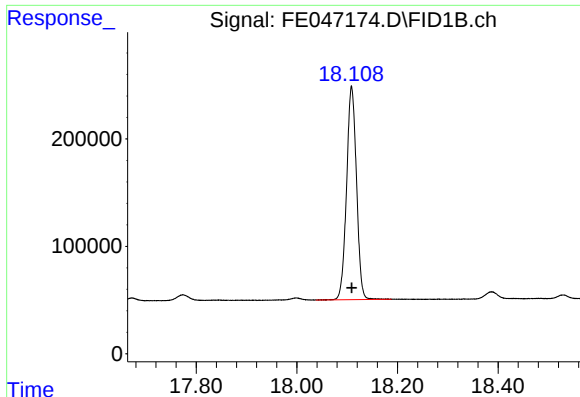
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2790385
Conc: 19.15 ug/ml



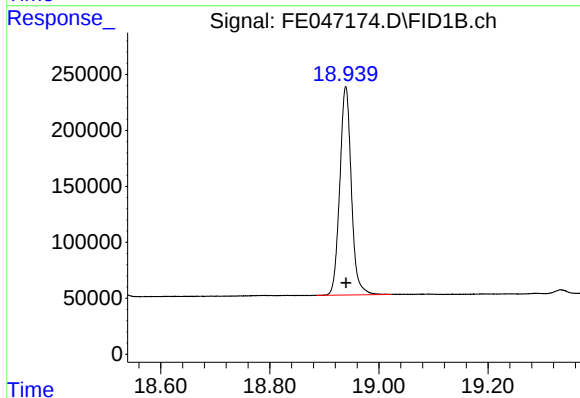
#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: 0.000 min
Response: 2703907
Conc: 19.16 ug/ml



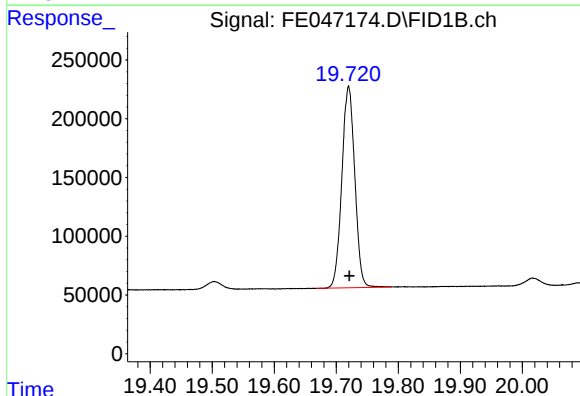
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: 0.000 min
Response: 2719497
Conc: 19.24 ug/ml



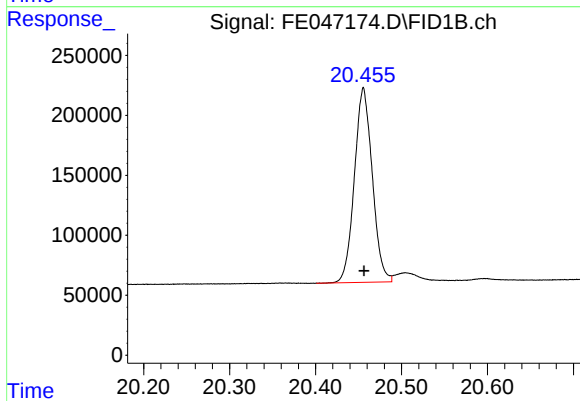
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.000 min
Response: 2736689
Conc: 19.84 ug/ml



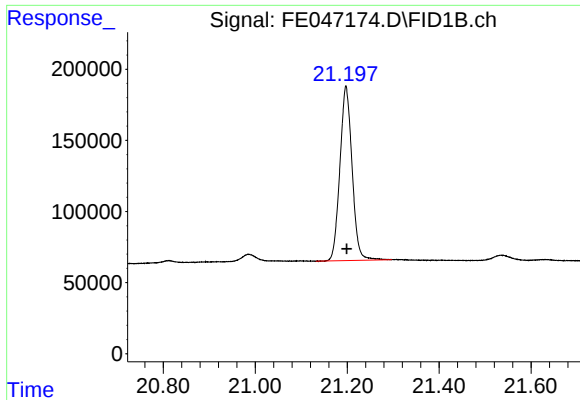
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 2486773
Conc: 19.05 ug/ml



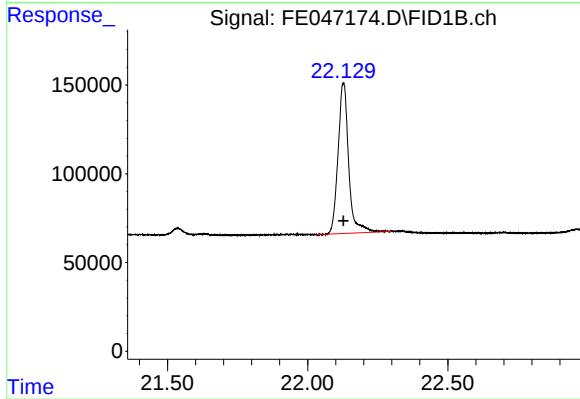
#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: 0.000 min
Response: 2343955
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.002 min
Response: 2251322
Conc: 18.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.000 min
Response: 2229794
Conc: 18.96 ug/ml