

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030624AL\
 Data File : FE047109.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2024 08:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 07 00:33:52 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)	11.782	3279164	19.959 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	13.224	2489579	20.224 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.175	2908107	19.071 ug/ml
2) T n-Decane (C10)	4.426	3077206	19.868 ug/ml
3) T A~Naphthalene (C11.7)	6.132	3010537	19.114 ug/ml
4) T n-Dodecane (C12)	6.594	3106555	19.980 ug/ml
5) T A~2-methylnaphthalene...	7.229	2730967	19.045 ug/ml
6) T n-Tetradecane (C14)	8.420	3102225	20.118 ug/ml
7) T n-Hexadecane (C16)	10.027	3199998	20.168 ug/ml
8) T n-Octadecane (C18)	11.471	3237421	20.308 ug/ml
10) T n-Eicosane (C20)	12.779	3052772	20.168 ug/ml
11) T n-Heneicosane (C21)	13.391	2967587	20.040 ug/ml
13) T n-Docosane (C22)	13.977	2963774	20.371 ug/ml
14) T n-Tetracosane (C24)	15.080	2981068	20.873 ug/ml
15) T n-Hexacosane (C26)	16.101	2947403	21.092 ug/ml
16) T n-Octacosane (C28)	17.051	2975745	21.842 ug/mlm
17) T n-Tricontane (C30)	17.939	3192687	22.884 ug/ml
18) T n-Dotriacontane (C32)	18.773	3187477	23.164 ug/ml
19) T n-Tetratriacontane (C34)	19.556	3065591	22.820 ug/ml
20) T n-Hexatriacontane (C36)	20.299	3006289	22.576 ug/ml
21) T n-Octatriacontane (C38)	21.018	2893075	20.997 ug/ml
22) T n-Tetracontane (C40)	21.888	2975338	21.088 ug/ml

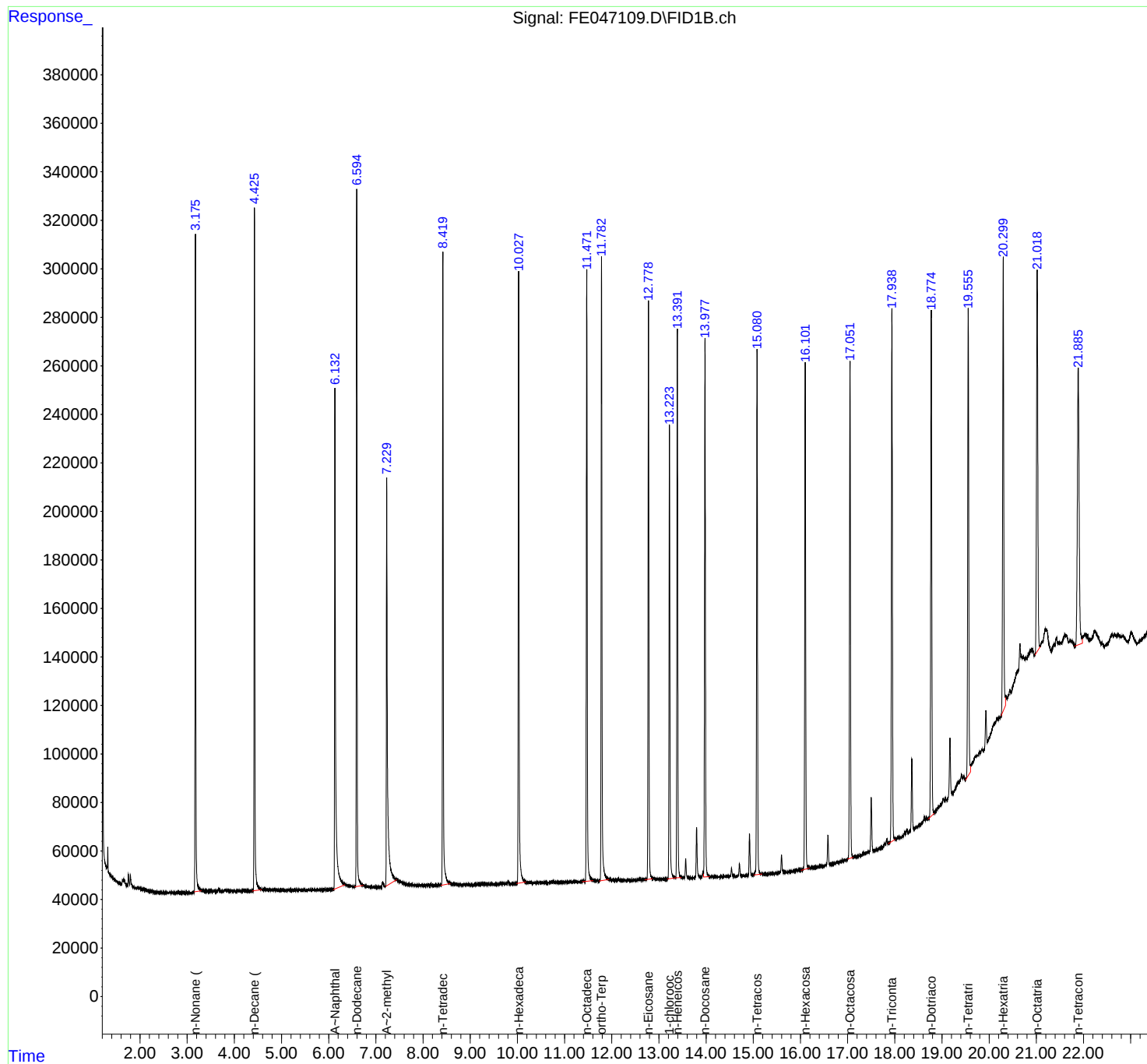
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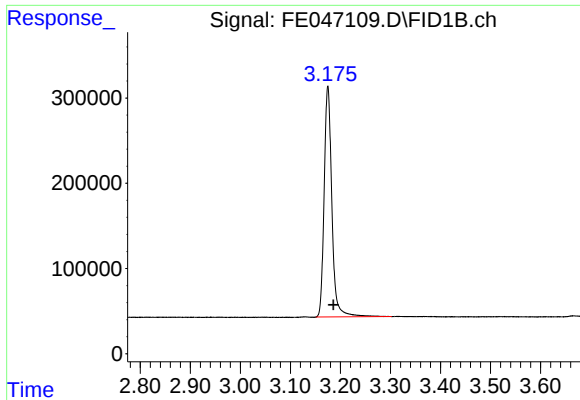
(m)=manual int.

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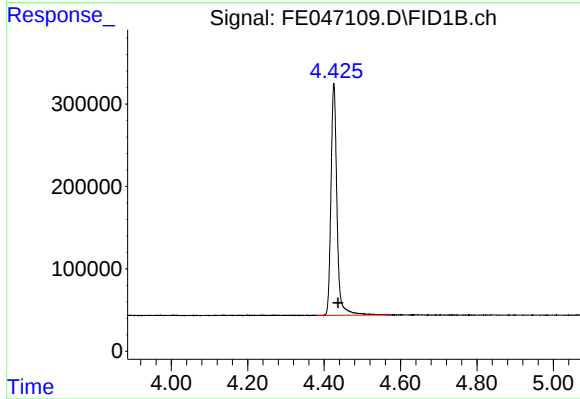
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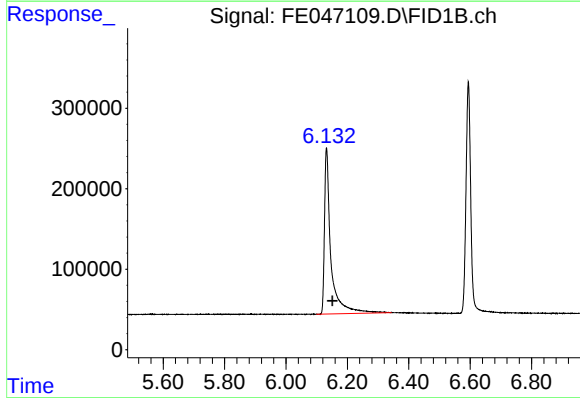
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: -0.011 min
Response: 2908107
Conc: 19.07 ug/ml



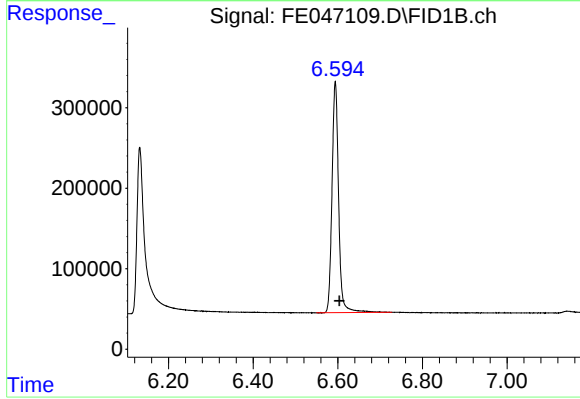
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.011 min
Response: 3077206
Conc: 19.87 ug/ml



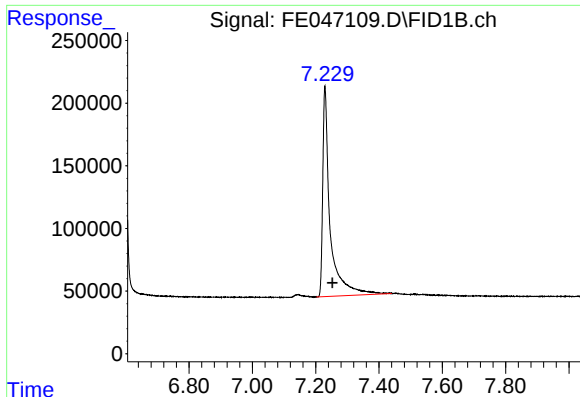
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.019 min
Response: 3010537
Conc: 19.11 ug/ml



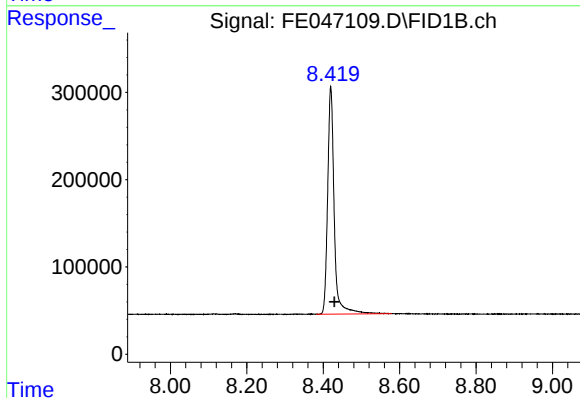
#4 n-Dodecane (C12)

R.T.: 6.594 min
Delta R.T.: -0.010 min
Response: 3106555
Conc: 19.98 ug/ml



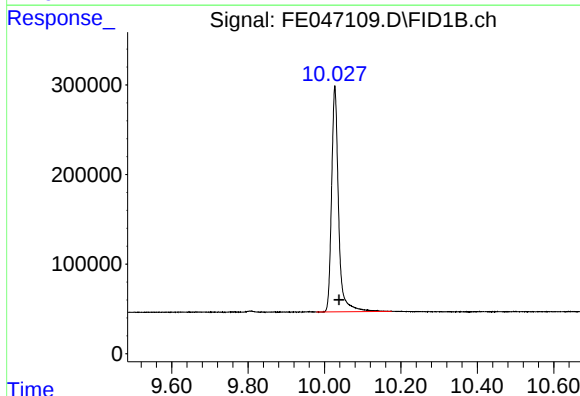
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min
Delta R.T.: -0.023 min
Response: 2730967
Conc: 19.04 ug/ml



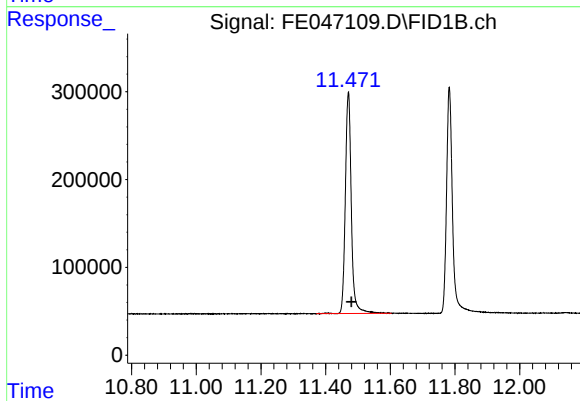
#6 n-Tetradecane (C14)

R.T.: 8.420 min
Delta R.T.: -0.010 min
Response: 3102225
Conc: 20.12 ug/ml



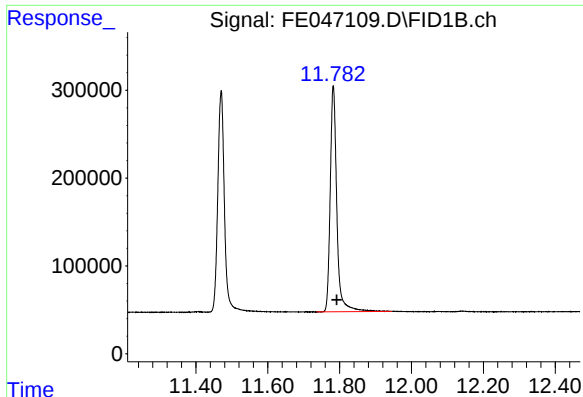
#7 n-Hexadecane (C16)

R.T.: 10.027 min
Delta R.T.: -0.011 min
Response: 3199998
Conc: 20.17 ug/ml



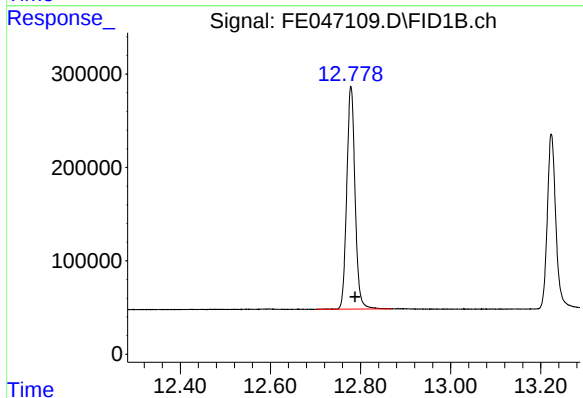
#8 n-Octadecane (C18)

R.T.: 11.471 min
Delta R.T.: -0.010 min
Response: 3237421
Conc: 20.31 ug/ml



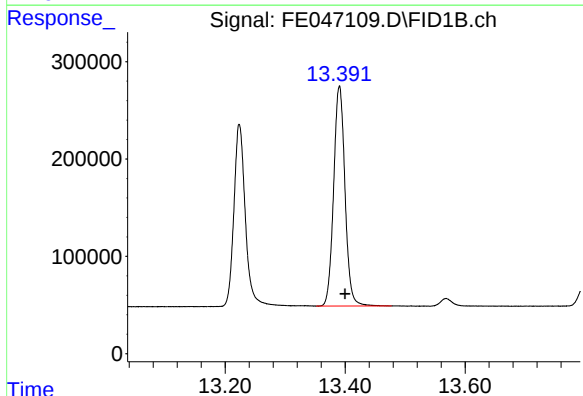
#9 ortho-Terphenyl (SURR)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 3279164
Conc: 19.96 ug/ml



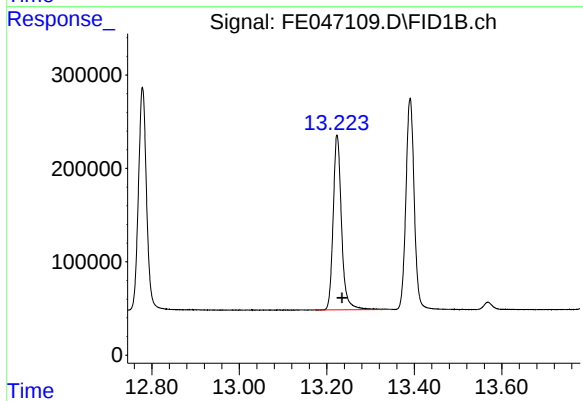
#10 n-Eicosane (C20)

R.T.: 12.779 min
Delta R.T.: -0.009 min
Response: 3052772
Conc: 20.17 ug/ml



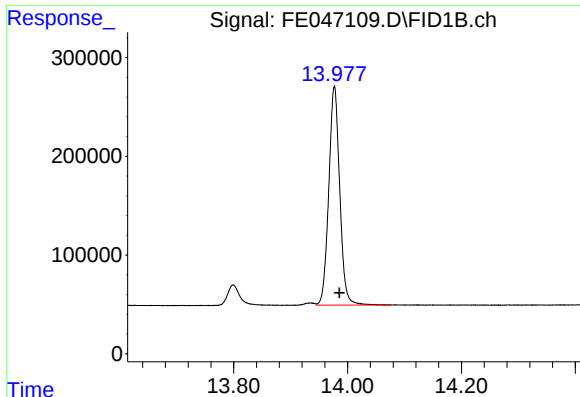
#11 n-Heneicosane (C21)

R.T.: 13.391 min
Delta R.T.: -0.009 min
Response: 2967587
Conc: 20.04 ug/ml



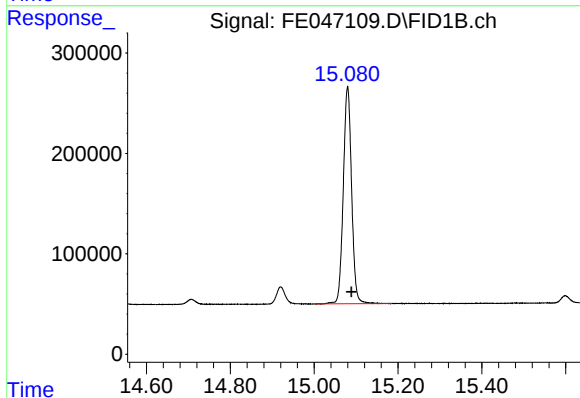
#12 1-chlorooctadecane (SURR)

R.T.: 13.224 min
Delta R.T.: -0.011 min
Response: 2489579
Conc: 20.22 ug/ml



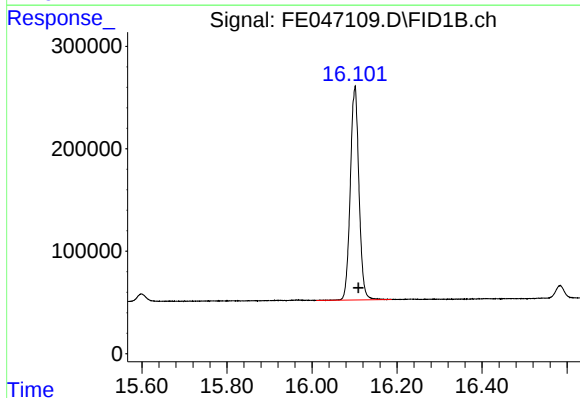
#13 n-Docosane (C22)

R.T.: 13.977 min
Delta R.T.: -0.009 min
Response: 2963774
Conc: 20.37 ug/ml



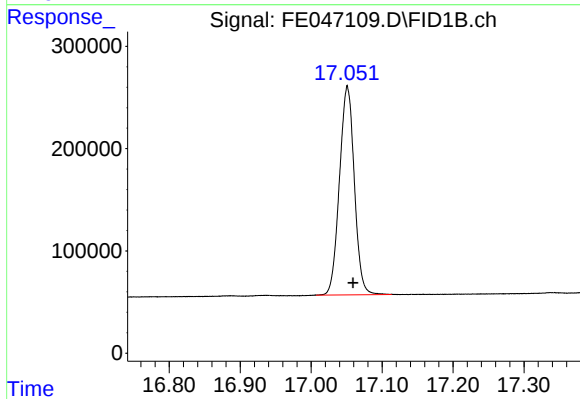
#14 n-Tetracosane (C24)

R.T.: 15.080 min
Delta R.T.: -0.009 min
Response: 2981068
Conc: 20.87 ug/ml



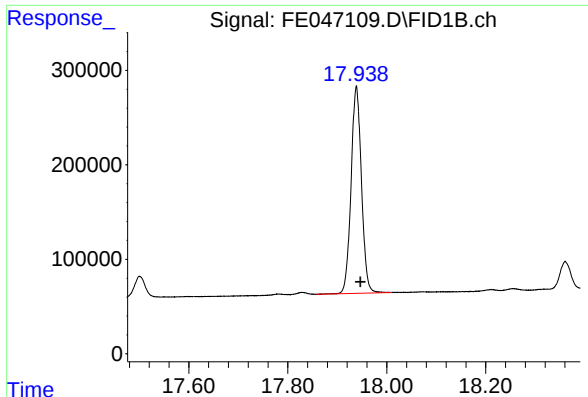
#15 n-Hexacosane (C26)

R.T.: 16.101 min
Delta R.T.: -0.008 min
Response: 2947403
Conc: 21.09 ug/ml



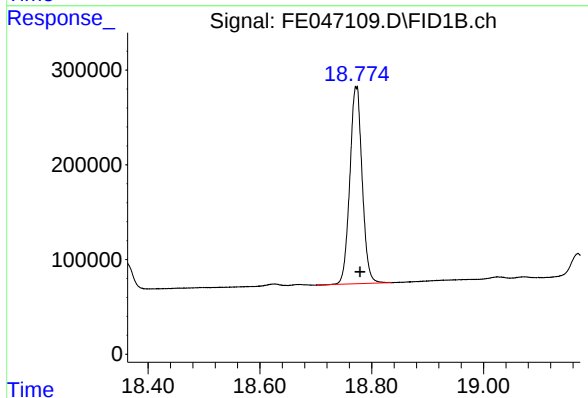
#16 n-Octacosane (C28)

R.T.: 17.051 min
Delta R.T.: -0.009 min
Response: 2975745
Conc: 21.84 ug/ml m



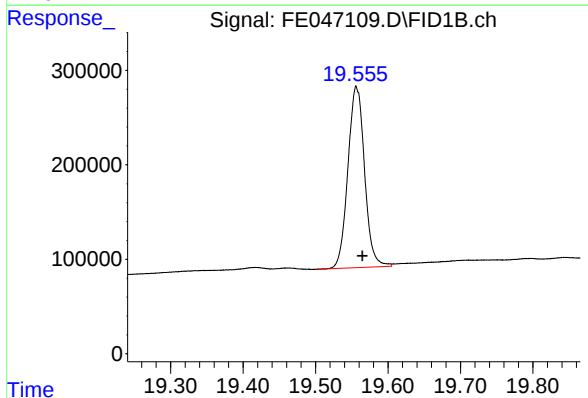
#17 n-Tricontane (C30)

R.T.: 17.939 min
Delta R.T.: -0.008 min
Response: 3192687
Conc: 22.88 ug/ml



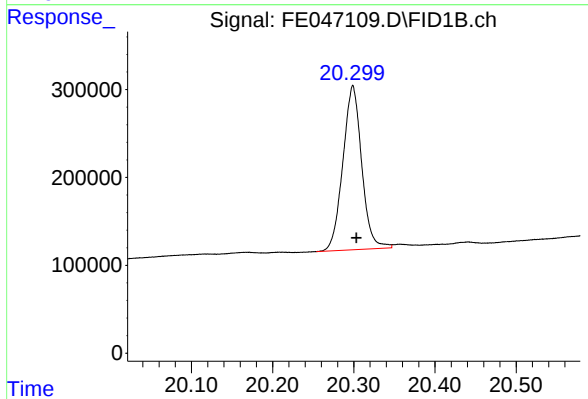
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: -0.007 min
Response: 3187477
Conc: 23.16 ug/ml



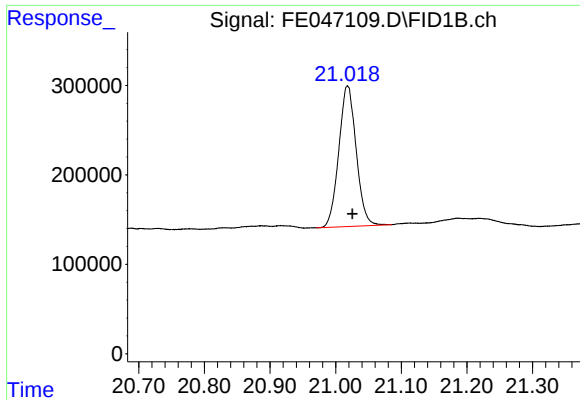
#19 n-Tetratriacontane (C34)

R.T.: 19.556 min
Delta R.T.: -0.008 min
Response: 3065591
Conc: 22.82 ug/ml



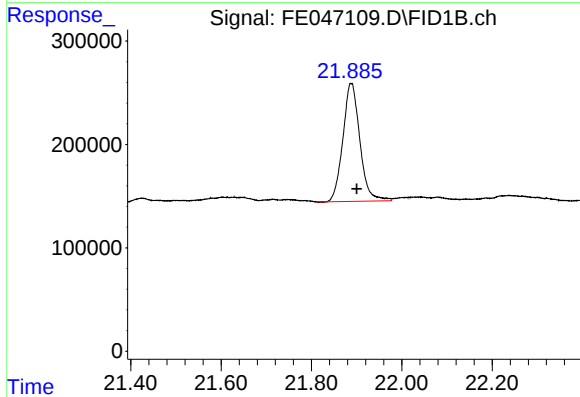
#20 n-Hexatriacontane (C36)

R.T.: 20.299 min
Delta R.T.: -0.004 min
Response: 3006289
Conc: 22.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.018 min
Delta R.T.: -0.008 min
Response: 2893075
Conc: 21.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.888 min
Delta R.T.: -0.012 min
Response: 2975338
Conc: 21.09 ug/ml