

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032524AL\
 Data File : FE047294.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2024 08:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 25 10:42:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.981	3327486	21.248 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	13.414	2554641	21.064 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.366	3074088	21.050 ug/ml
2) T n-Decane (C10)	4.618	3142488	21.081 ug/ml
3) T A~Naphthalene (C11.7)	6.323	3286724	21.185 ug/ml
4) T n-Dodecane (C12)	6.783	3154598	21.093 ug/ml
5) T A~2-methylnaphthalene...	7.419	3176553	21.226 ug/ml
6) T n-Tetradecane (C14)	8.610	3109735	21.084 ug/ml
7) T n-Hexadecane (C16)	10.218	3199041	21.135 ug/ml
8) T n-Octadecane (C18)	11.659	3217553	21.178 ug/ml
10) T n-Eicosane (C20)	12.968	3088259	21.226 ug/ml
11) T n-Heneicosane (C21)	13.579	3029115	21.194 ug/ml
13) T n-Docosane (C22)	14.166	3018925	21.267 ug/ml
14) T n-Tetracosane (C24)	15.267	3026879	21.471 ug/ml
15) T n-Hexacosane (C26)	16.287	2998619	21.564 ug/ml
16) T n-Octacosane (C28)	17.236	2965432	21.702 ug/ml
17) T n-Tricontane (C30)	18.120	2988558	21.524 ug/ml
18) T n-Dotriacontane (C32)	18.953	2960204	21.460 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2911960	21.247 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2788042	20.415 ug/ml
21) T n-Octatriacontane (C38)	21.215	3090654	22.296 ug/ml
22) T n-Tetracontane (C40)	22.146	2853836	19.921 ug/ml

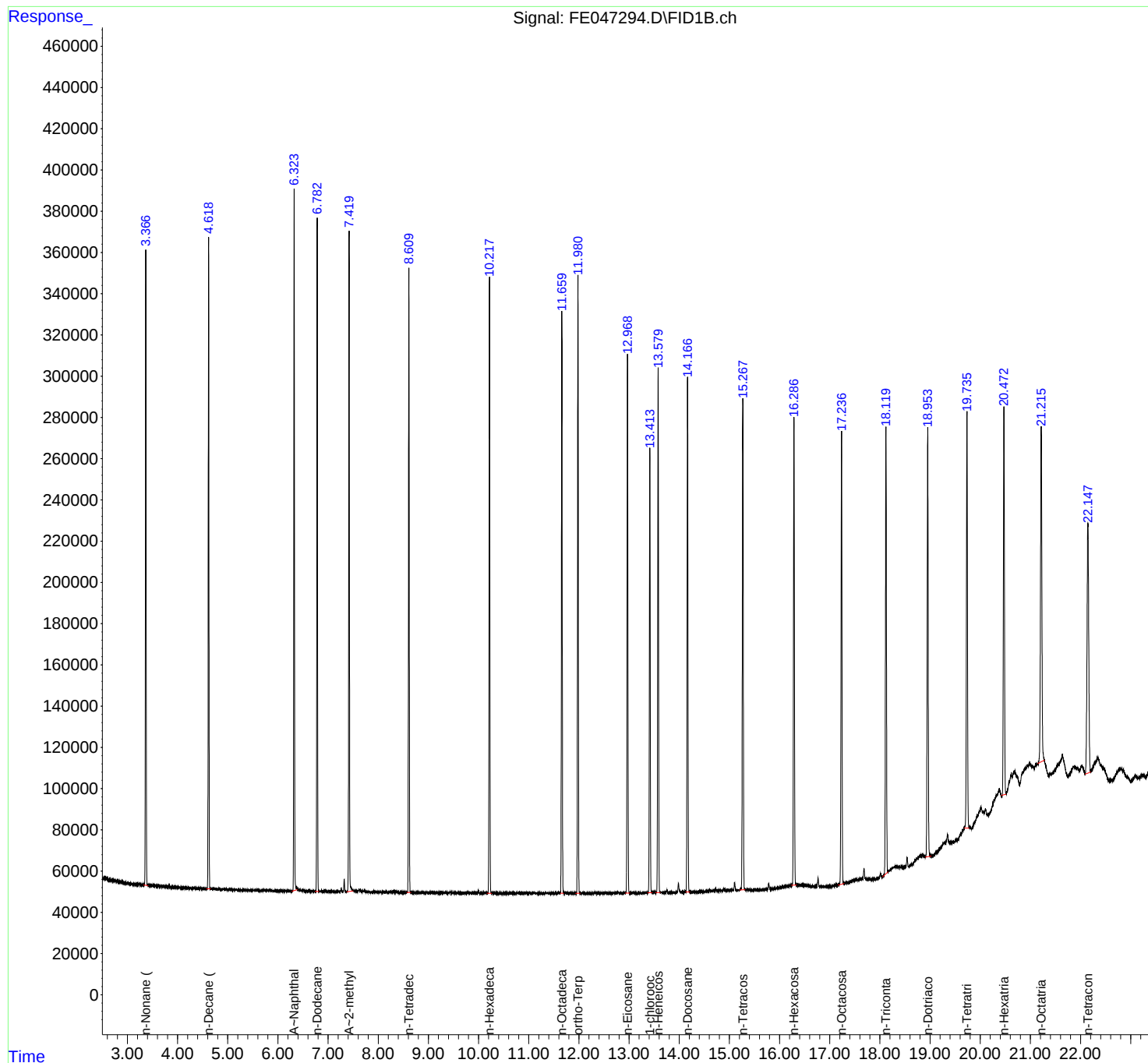
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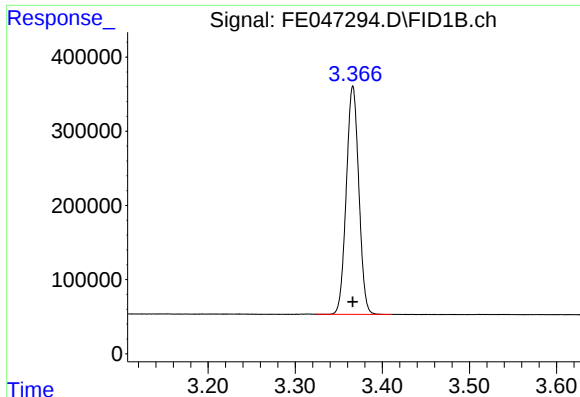
(m)=manual int.

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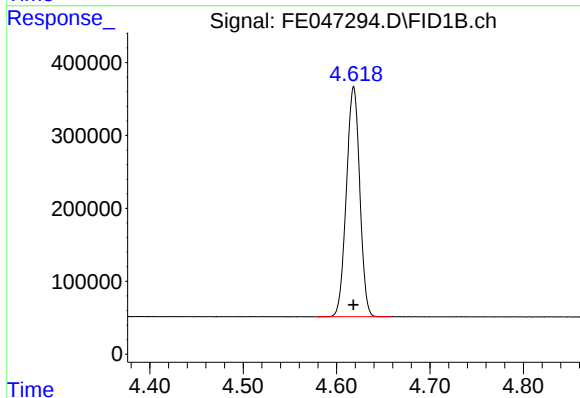
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





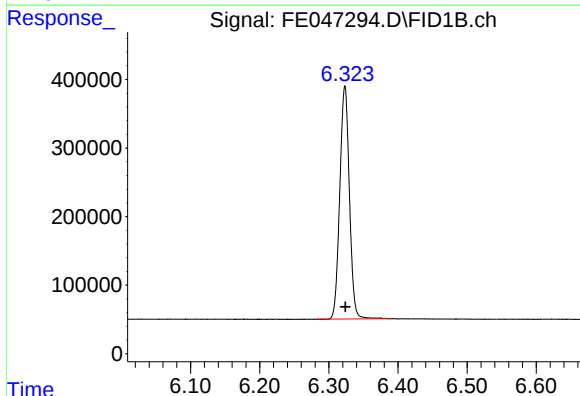
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 3074088
Conc: 21.05 ug/ml



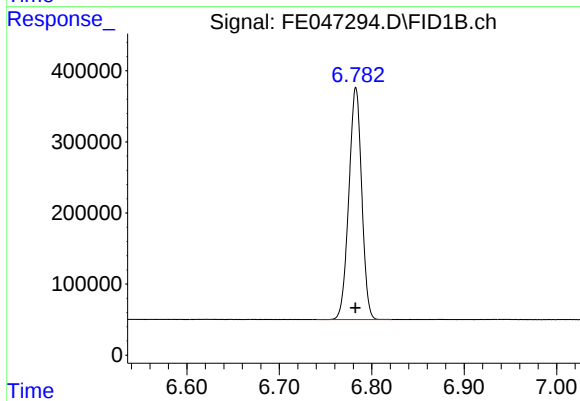
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 3142488
Conc: 21.08 ug/ml



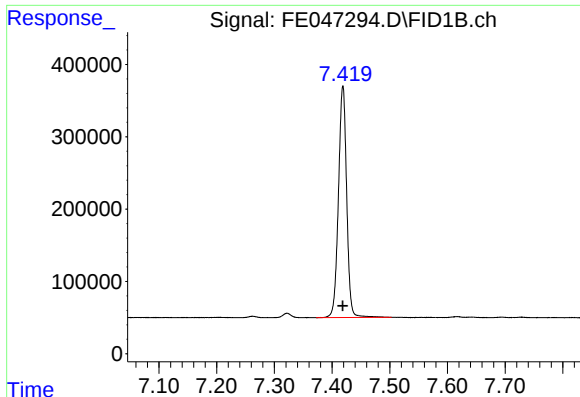
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 3286724
Conc: 21.19 ug/ml



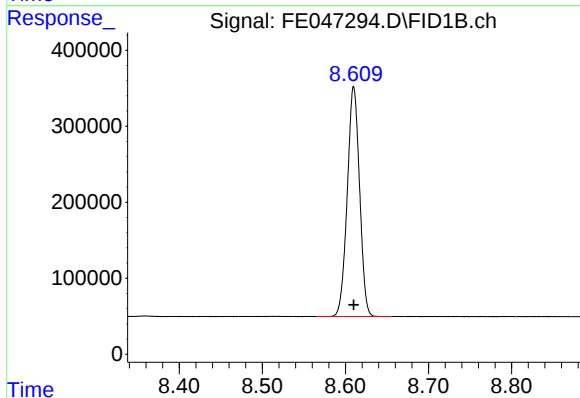
#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 3154598
Conc: 21.09 ug/ml



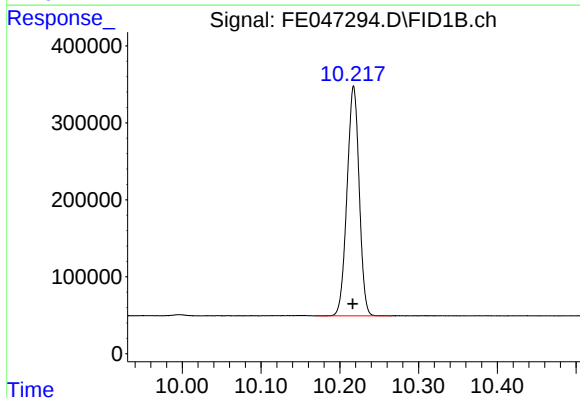
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 3176553
Conc: 21.23 ug/ml



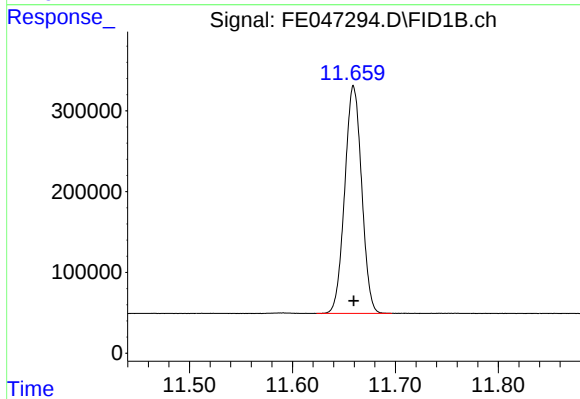
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 3109735
Conc: 21.08 ug/ml



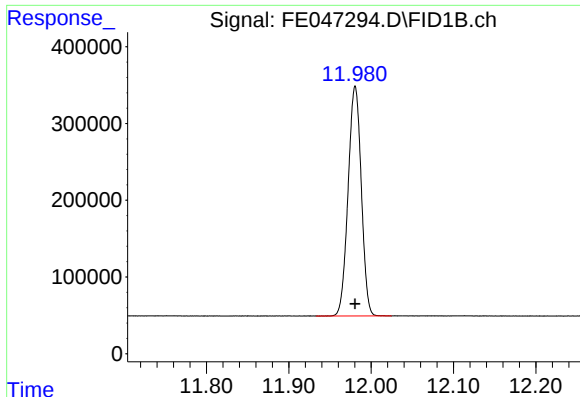
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.001 min
Response: 3199041
Conc: 21.14 ug/ml



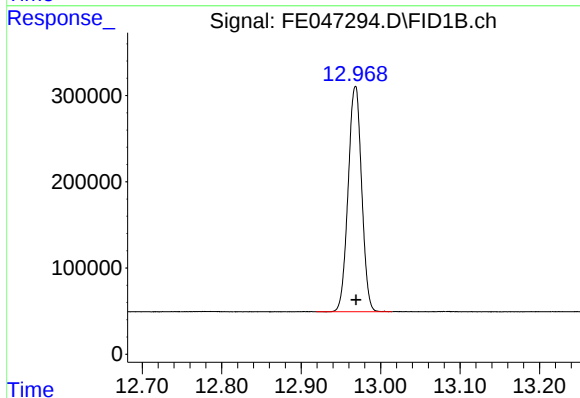
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 3217553
Conc: 21.18 ug/ml



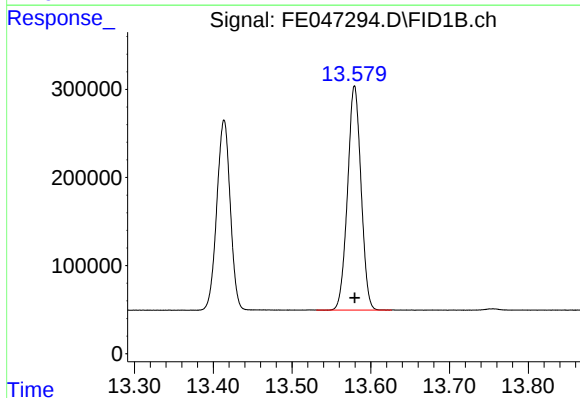
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.000 min
Response: 3327486
Conc: 21.25 ug/ml



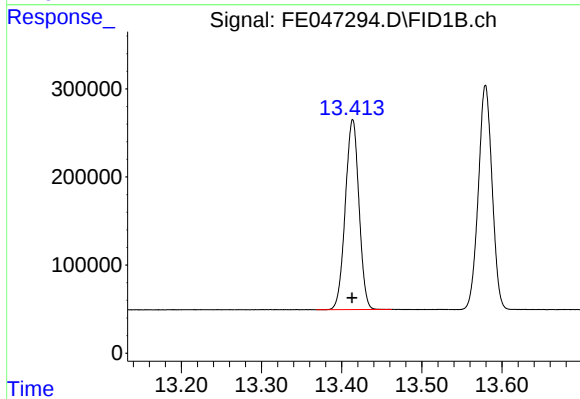
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 3088259
Conc: 21.23 ug/ml



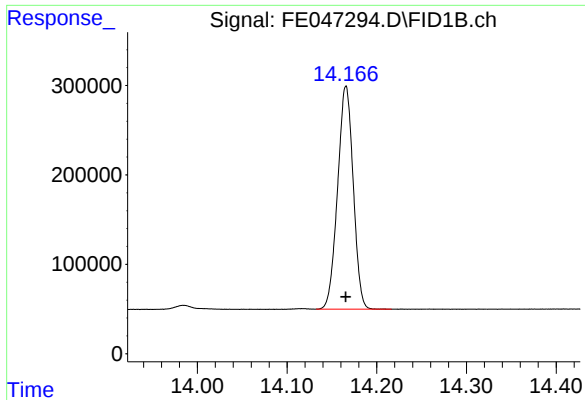
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.000 min
Response: 3029115
Conc: 21.19 ug/ml



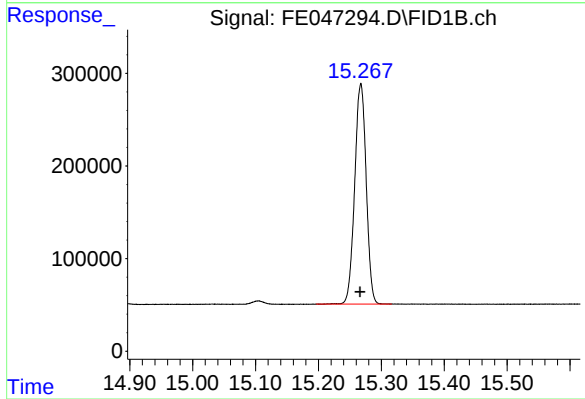
#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: 0.000 min
Response: 2554641
Conc: 21.06 ug/ml



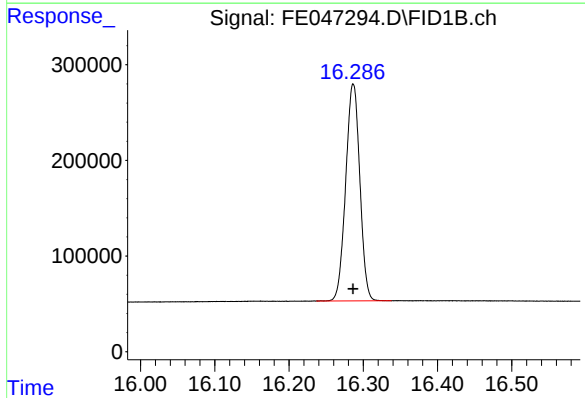
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 3018925
Conc: 21.27 ug/ml



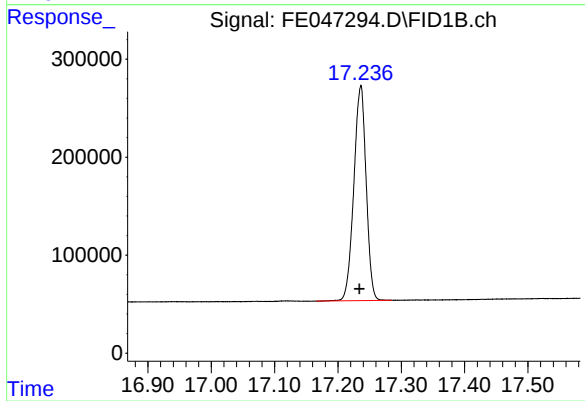
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.001 min
Response: 3026879
Conc: 21.47 ug/ml



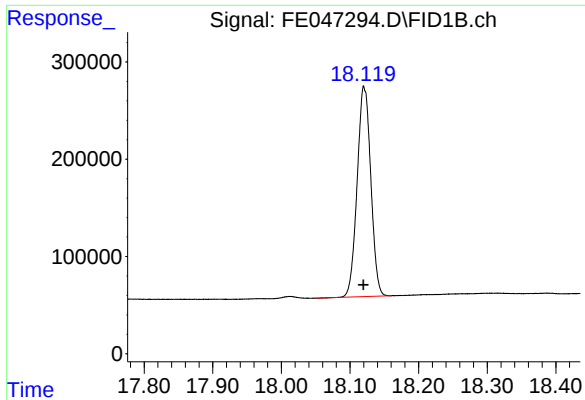
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 2998619
Conc: 21.56 ug/ml



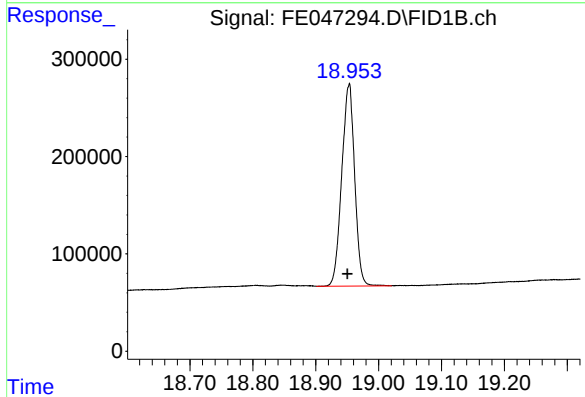
#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 2965432
Conc: 21.70 ug/ml



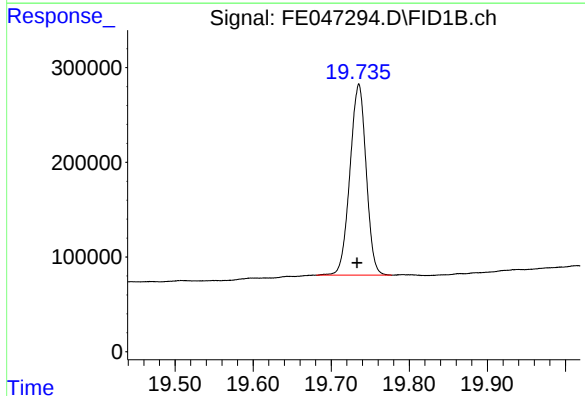
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2988558
Conc: 21.52 ug/ml



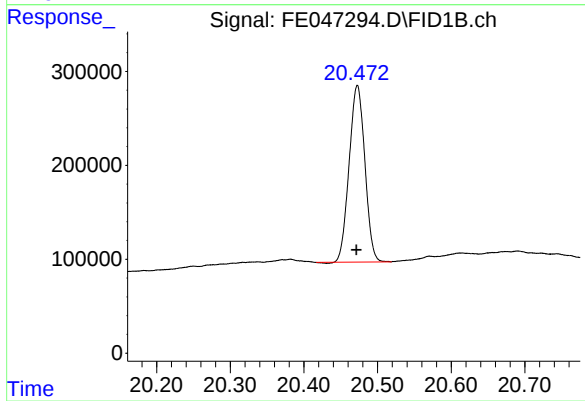
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.003 min
Response: 2960204
Conc: 21.46 ug/ml



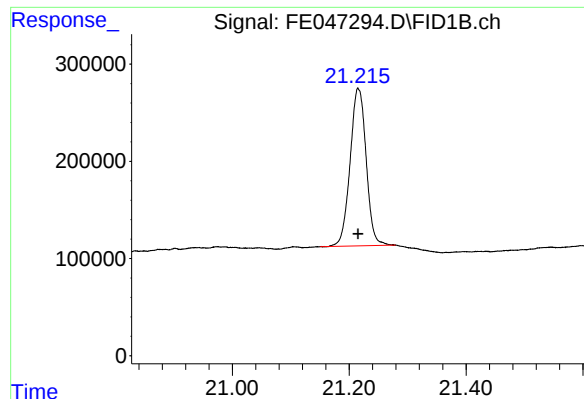
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.002 min
Response: 2911960
Conc: 21.25 ug/ml



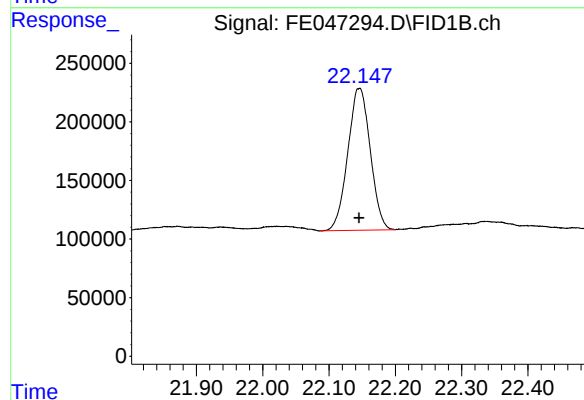
#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: 0.002 min
Response: 2788042
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.000 min
Response: 3090654
Conc: 22.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 2853836
Conc: 19.92 ug/ml