

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112723AL\
 Data File : FE045547.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2023 19:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 27 23:46:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.866	3999665	20.949 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	13.309	2751689	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T n-Nonane (C9)	3.254	3470897	21.010 ug/ml
2) T n-Decane (C10)	4.505	3533809	21.075 ug/ml
3) T A~Naphthalene (C11.7)	6.205	3688005	20.661 ug/ml
4) T n-Dodecane (C12)	6.672	3547590	21.006 ug/ml
5) T A~2-methylnaphthalene...	7.301	3496792	20.364 ug/ml
6) T n-Tetradecane (C14)	8.498	3475067	20.850 ug/ml
7) T n-Hexadecane (C16)	10.108	3488630	20.741 ug/ml
8) T n-Octadecane (C18)	11.553	3470486	20.735 ug/ml
10) T n-Eicosane (C20)	12.864	3294092	20.795 ug/ml
11) T n-Heneicosane (C21)	13.477	3206688	20.856 ug/ml
13) T n-Docosane (C22)	14.064	3181457	20.998 ug/ml
14) T n-Tetracosane (C24)	15.168	3189135	21.532 ug/ml
15) T n-Hexacosane (C26)	16.192	3167750	21.733 ug/ml
16) T n-Octacosane (C28)	17.143	3213426	21.990 ug/ml
17) T n-Tricontane (C30)	18.035	3320688	21.861 ug/ml
18) T n-Dotriacontane (C32)	18.868	3399172	21.759 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3321932	21.276 ug/mlm
20) T n-Hexatriacontane (C36)	20.395	3240958	19.967 ug/mlm
21) T n-Octatriacontane (C38)	21.129	3114619	18.747 ug/ml
22) T n-Tetracontane (C40)	22.038	2678994	15.684 ug/mlm

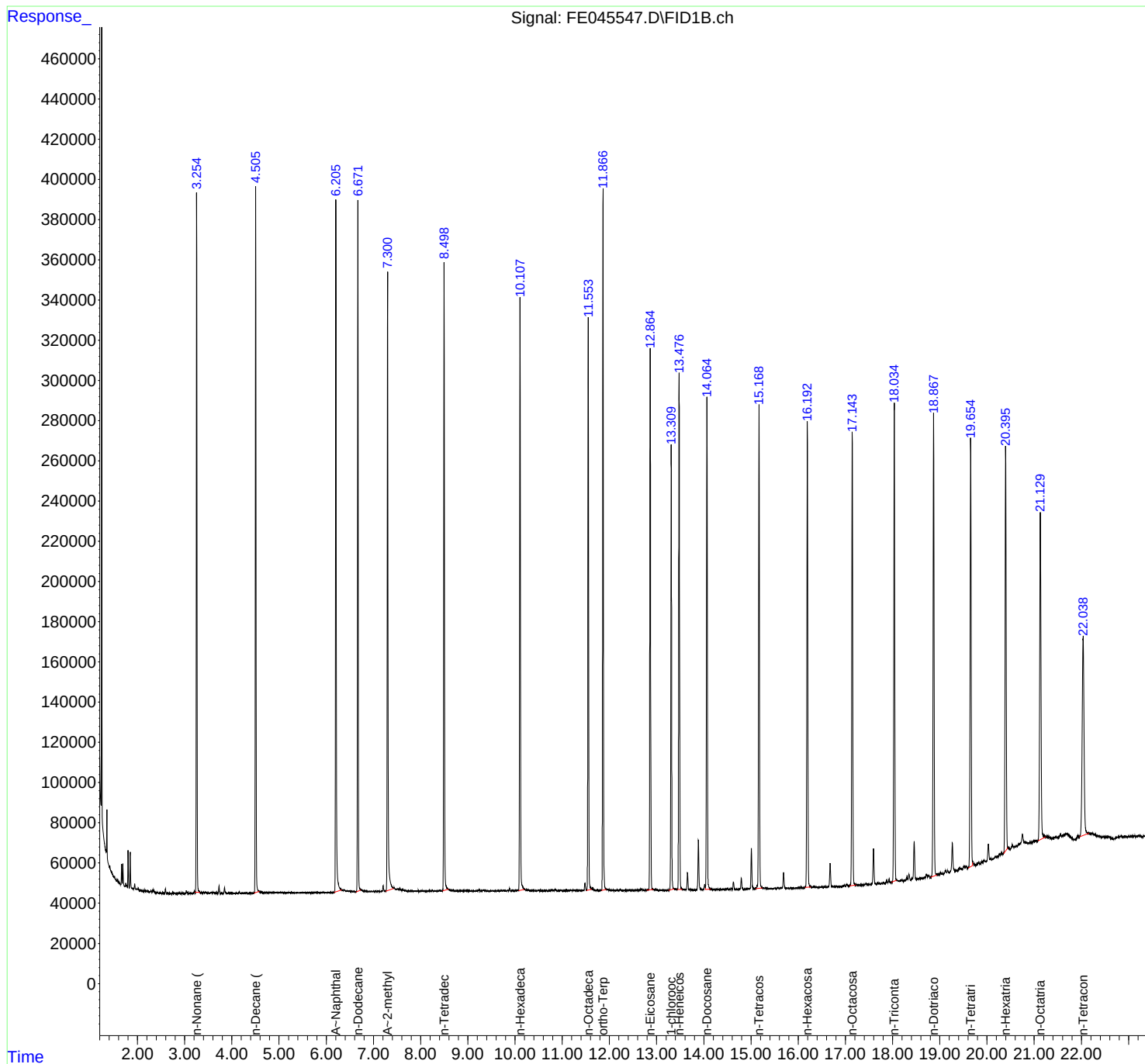
(f)=RT Delta > 1/2 Window

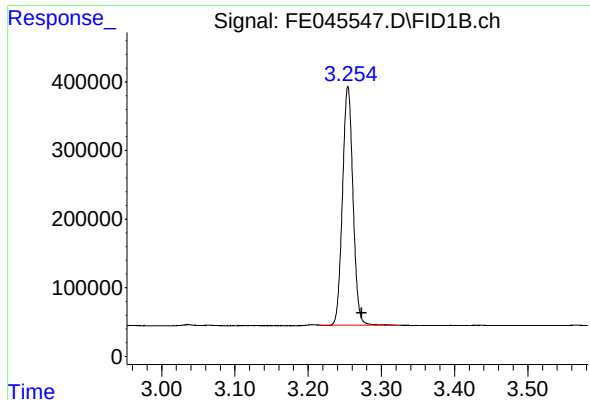
(m)=manual int.

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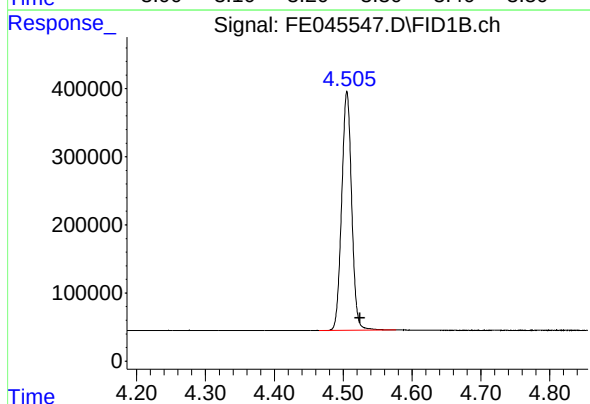
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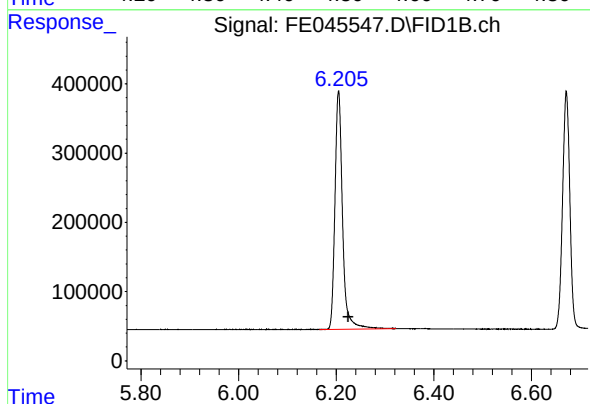
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.019 min
Response: 3470897
Conc: 21.01 ug/ml



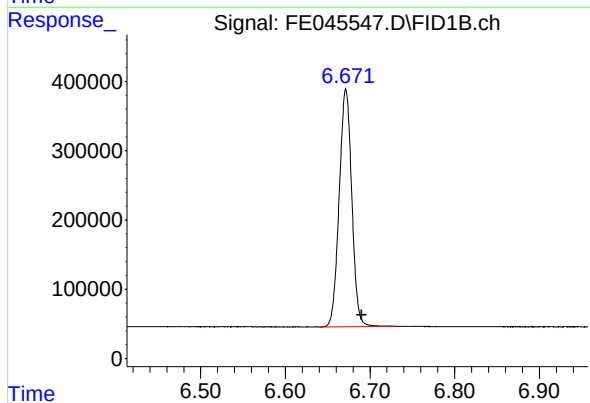
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.019 min
Response: 3533809
Conc: 21.07 ug/ml



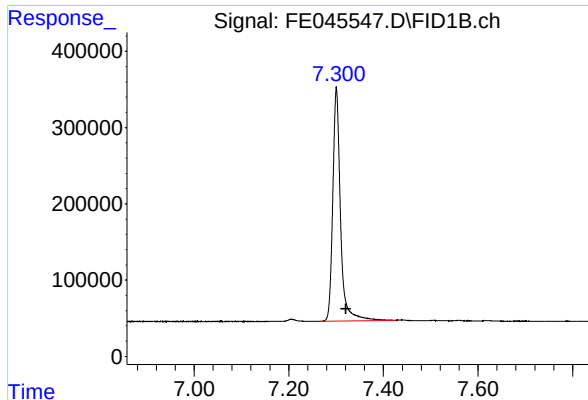
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.020 min
Response: 3688005
Conc: 20.66 ug/ml



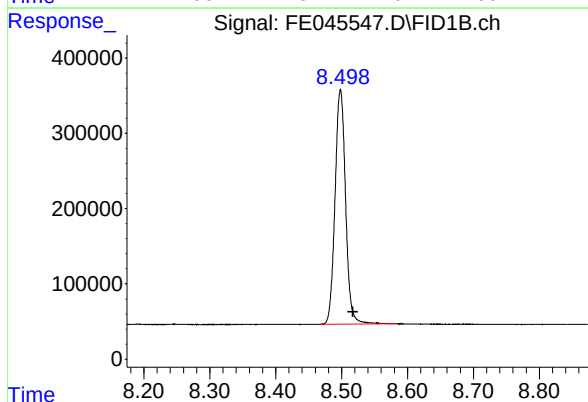
#4 n-Dodecane (C12)

R.T.: 6.672 min
Delta R.T.: -0.019 min
Response: 3547590
Conc: 21.01 ug/ml



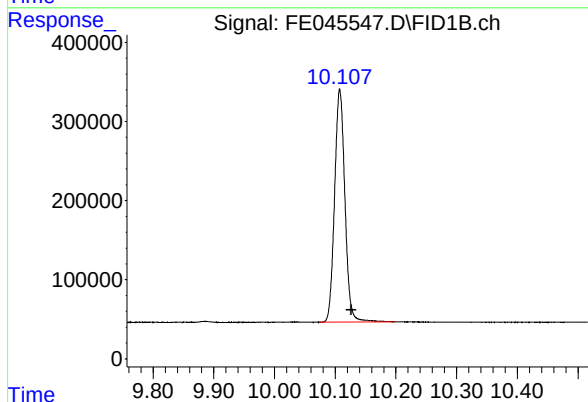
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.301 min
Delta R.T.: -0.020 min
Response: 3496792
Conc: 20.36 ug/ml



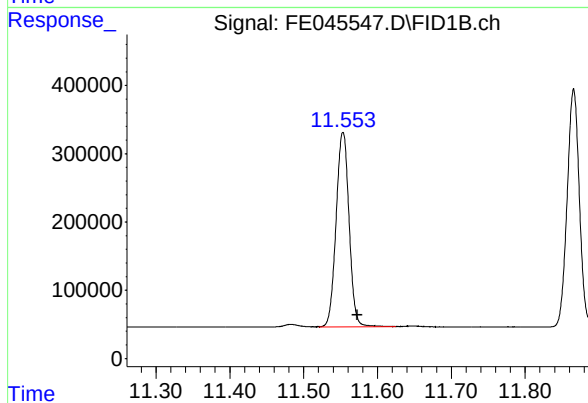
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.019 min
Response: 3475067
Conc: 20.85 ug/ml



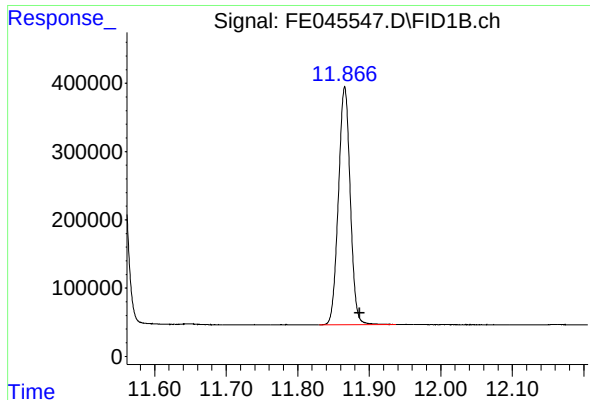
#7 n-Hexadecane (C16)

R.T.: 10.108 min
Delta R.T.: -0.019 min
Response: 3488630
Conc: 20.74 ug/ml



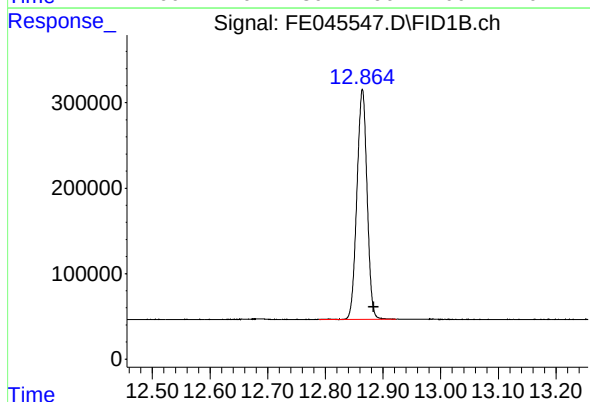
#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.020 min
Response: 3470486
Conc: 20.74 ug/ml



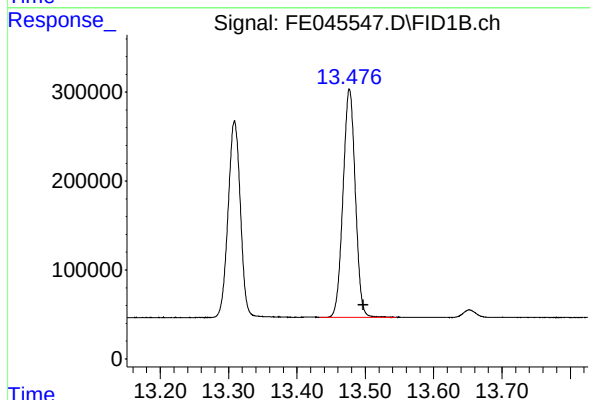
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: -0.021 min
Response: 3999665
Conc: 20.95 ug/ml



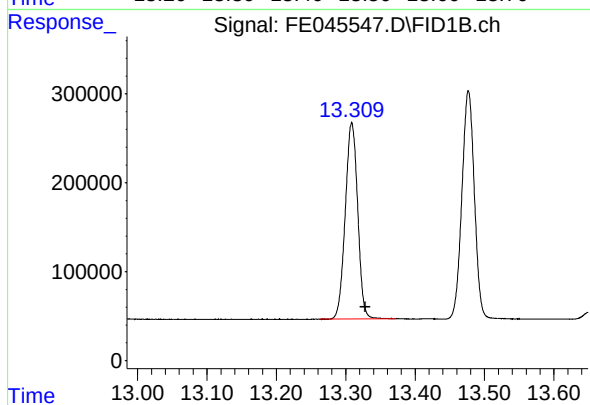
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.019 min
Response: 3294092
Conc: 20.79 ug/ml



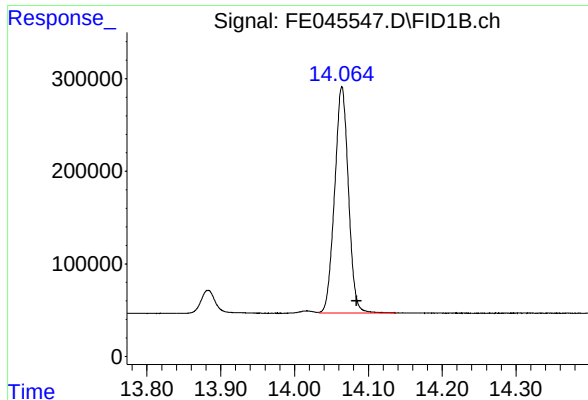
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.020 min
Response: 3206688
Conc: 20.86 ug/ml



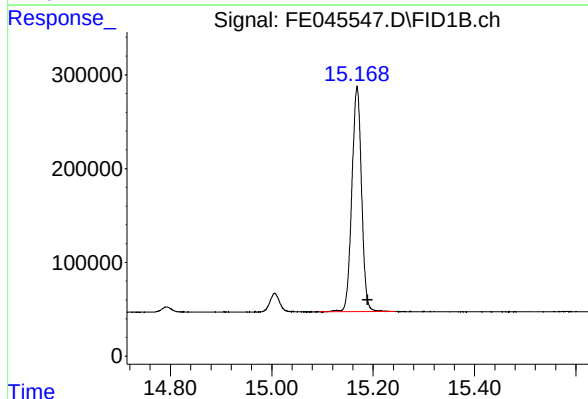
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.019 min
Response: 2751689
Conc: 19.98 ug/ml



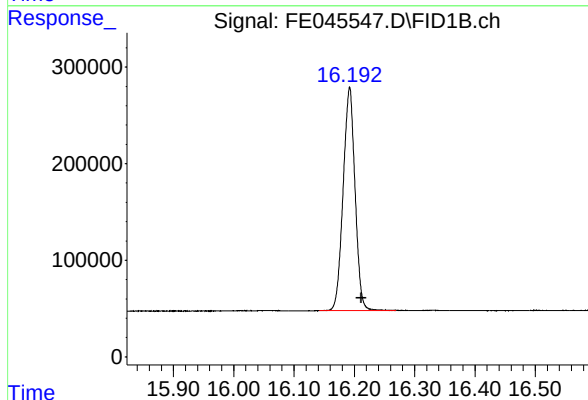
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: -0.020 min
Response: 3181457
Conc: 21.00 ug/ml



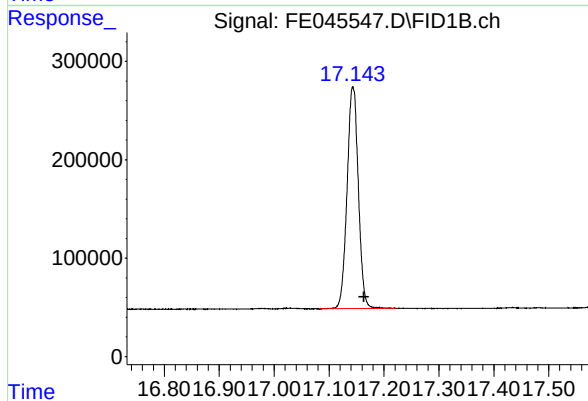
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.021 min
Response: 3189135
Conc: 21.53 ug/ml



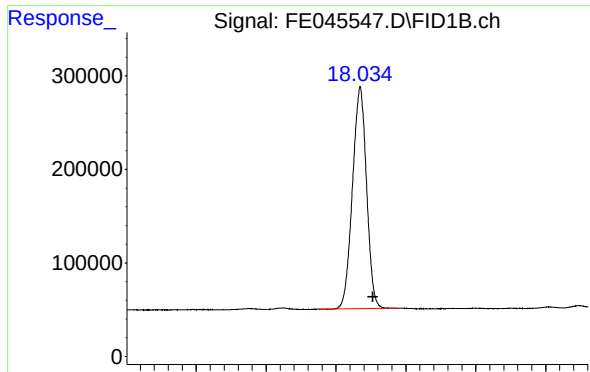
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.020 min
Response: 3167750
Conc: 21.73 ug/ml



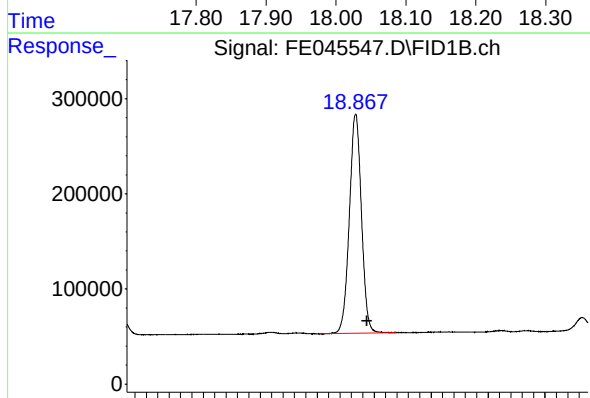
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.020 min
Response: 3213426
Conc: 21.99 ug/ml



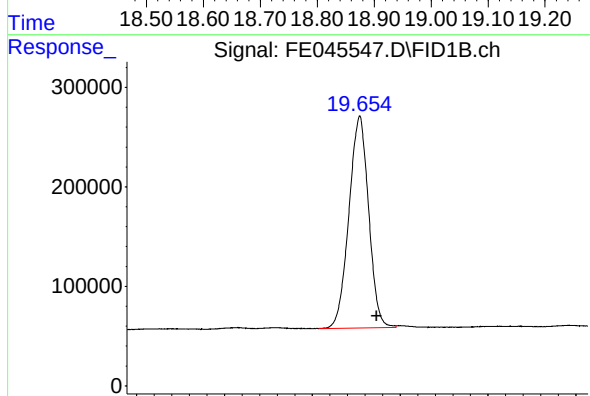
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: -0.018 min
Response: 3320688
Conc: 21.86 ug/ml



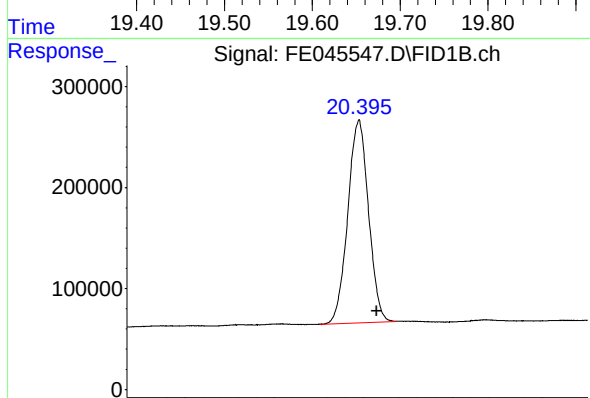
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.020 min
Response: 3399172
Conc: 21.76 ug/ml



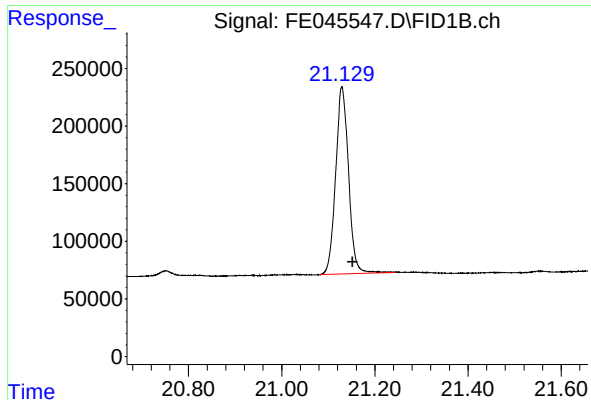
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.020 min
Response: 3321932
Conc: 21.28 ug/ml m



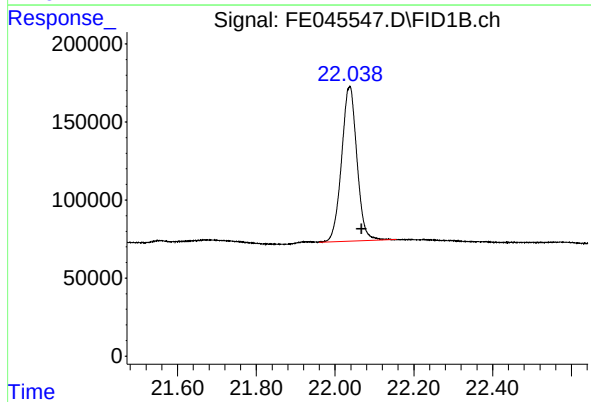
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.020 min
Response: 3240958
Conc: 19.97 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.023 min
Response: 3114619
Conc: 18.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.030 min
Response: 2678994
Conc: 15.68 ug/ml m