

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071522AL\
 Data File : FE036497.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2022 12:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 23:15:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.850	4156627	20.805 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
12) S 1-chlorooctadecane (S...	13.288	3162222	20.425 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	3.236	3677034	20.444 ug/ml
2) T n-Decane (C10)	4.491	3719873	20.694 ug/ml
3) T A~Naphthalene (C11.7)	6.191	4060223	20.237 ug/ml
4) T n-Dodecane (C12)	6.660	3811076	20.576 ug/ml
5) T A~2-methylnaphthalene...	7.288	4061722	19.952 ug/ml
6) T n-Tetradecane (C14)	8.488	3823538	20.452 ug/ml
7) T n-Hexadecane (C16)	10.095	3865955	20.644 ug/ml
8) T n-Octadecane (C18)	11.537	3879469	20.853 ug/ml
10) T n-Eicosane (C20)	12.846	3789664	20.919 ug/ml
11) T n-Heneicosane (C21)	13.457	3769102	20.983 ug/ml
13) T n-Docosane (C22)	14.043	3724707	21.067 ug/ml
14) T n-Tetracosane (C24)	15.146	3646652	21.291 ug/ml
15) T n-Hexacosane (C26)	16.166	3569476	21.604 ug/ml
16) T n-Octacosane (C28)	17.118	3515773	21.963 ug/ml
17) T n-Tricontane (C30)	18.006	3558801	22.987 ug/ml
18) T n-Dotriacontane (C32)	18.838	3475323	23.781 ug/ml
19) T n-Tetratriacontane (C34)	19.620	3281404	23.713 ug/ml
20) T n-Hexatriacontane (C36)	20.361	3024746	22.531 ug/ml
21) T n-Octatriacontane (C38)	21.085	3031183	22.793 ug/ml
22) T n-Tetracontane (C40)	21.971	3077233	22.008 ug/ml

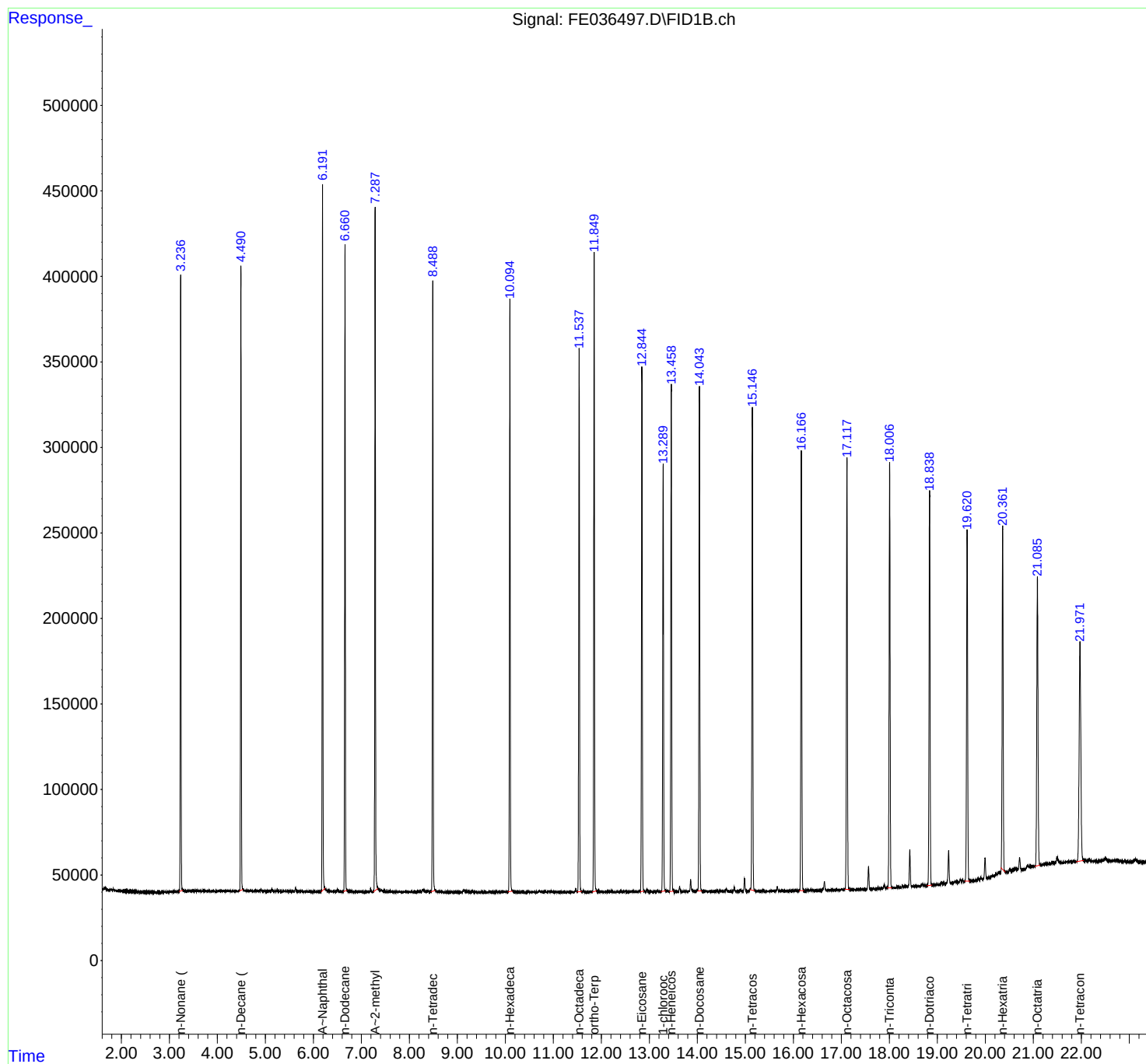
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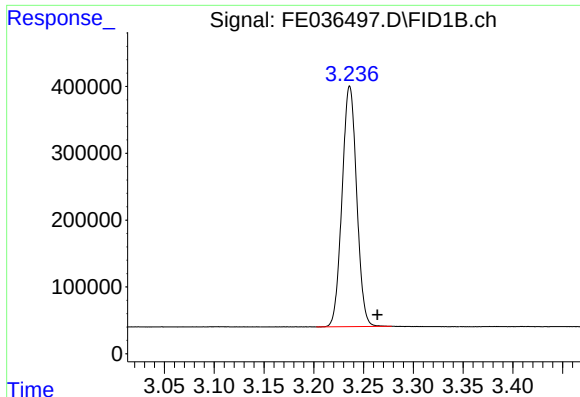
(m)=manual int.

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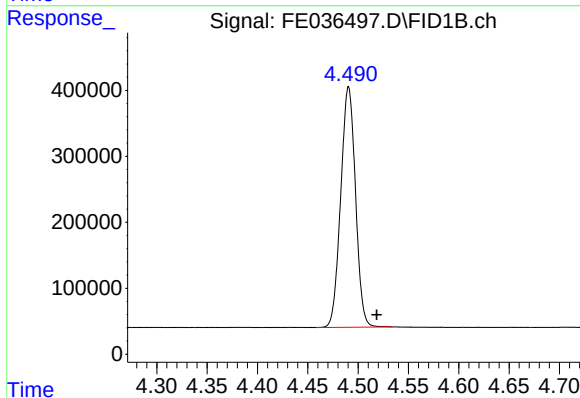
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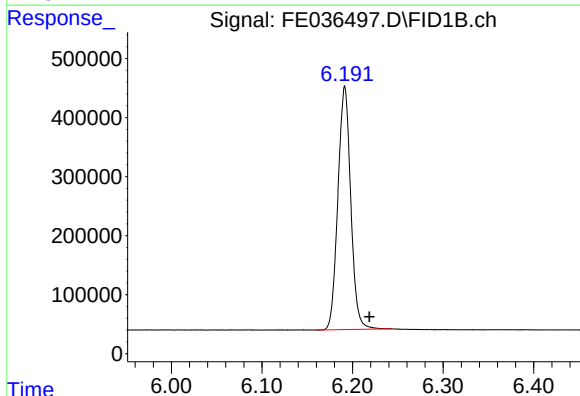
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.028 min
Response: 3677034
Conc: 20.44 ug/ml



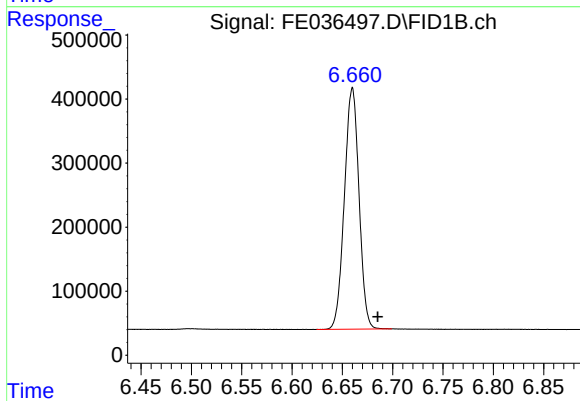
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.028 min
Response: 3719873
Conc: 20.69 ug/ml



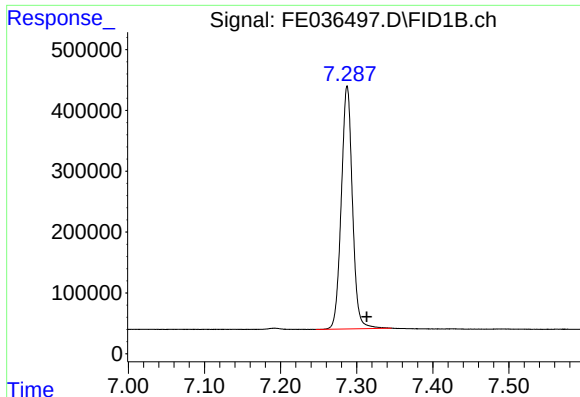
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.027 min
Response: 4060223
Conc: 20.24 ug/ml



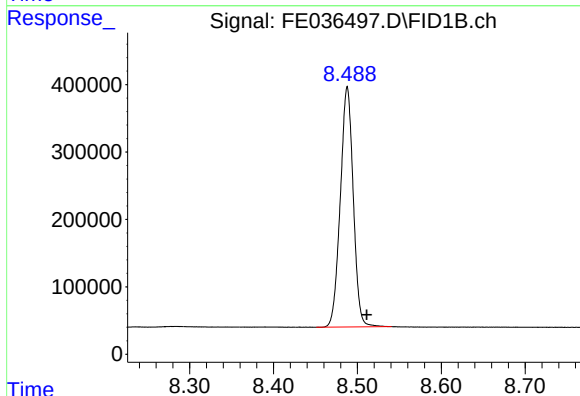
#4 n-Dodecane (C12)

R.T.: 6.660 min
Delta R.T.: -0.025 min
Response: 3811076
Conc: 20.58 ug/ml



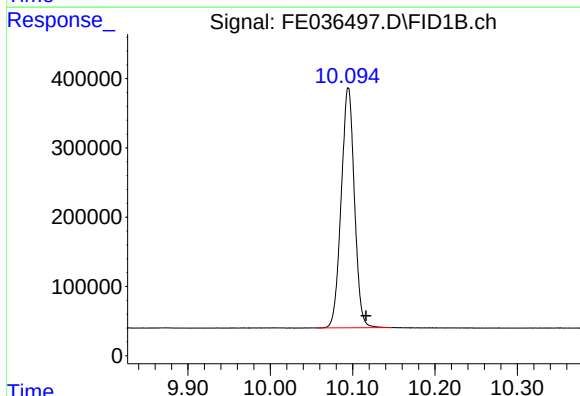
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.288 min
Delta R.T.: -0.026 min
Response: 4061722
Conc: 19.95 ug/ml



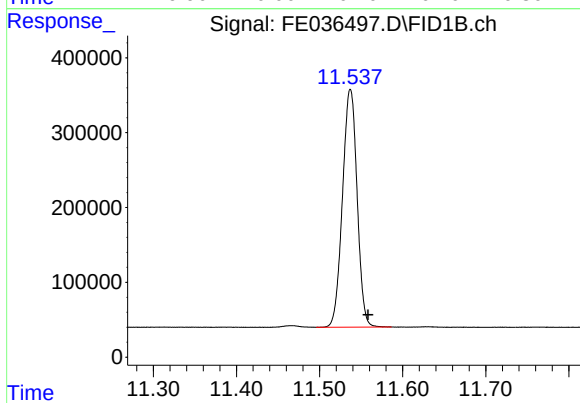
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.023 min
Response: 3823538
Conc: 20.45 ug/ml



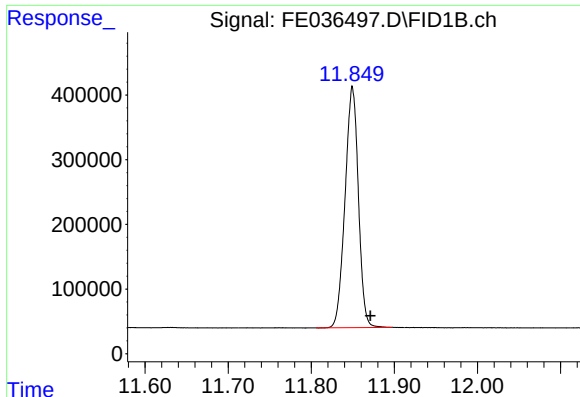
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.022 min
Response: 3865955
Conc: 20.64 ug/ml



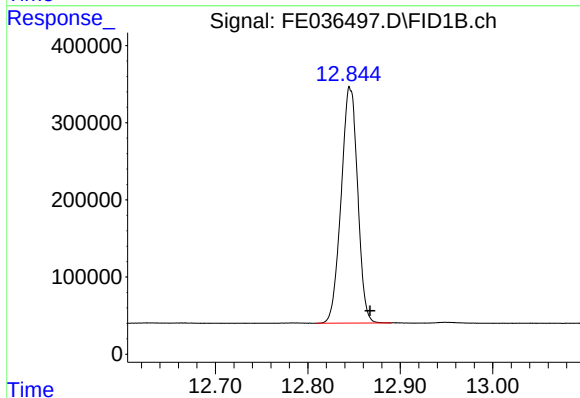
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.021 min
Response: 3879469
Conc: 20.85 ug/ml



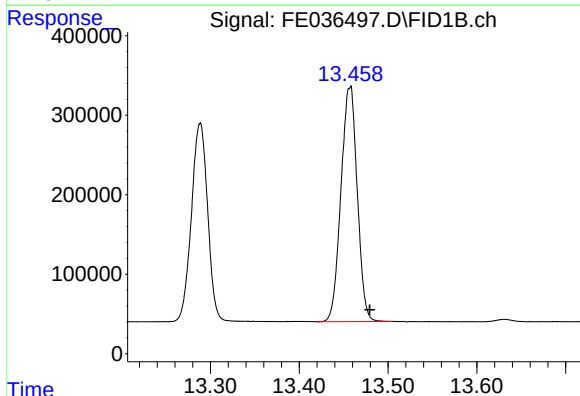
#9 ortho-Terphenyl (SURR)

R.T.: 11.850 min
Delta R.T.: -0.021 min
Response: 4156627
Conc: 20.80 ug/ml



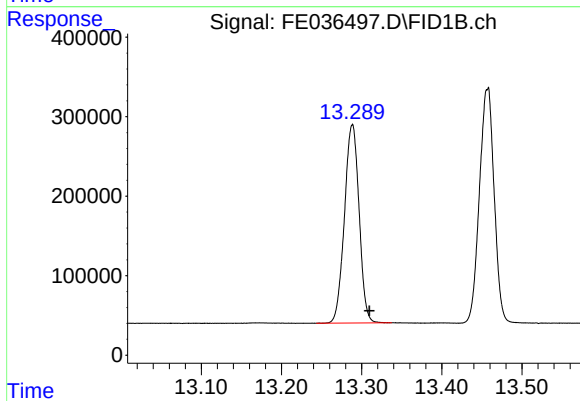
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.022 min
Response: 3789664
Conc: 20.92 ug/ml



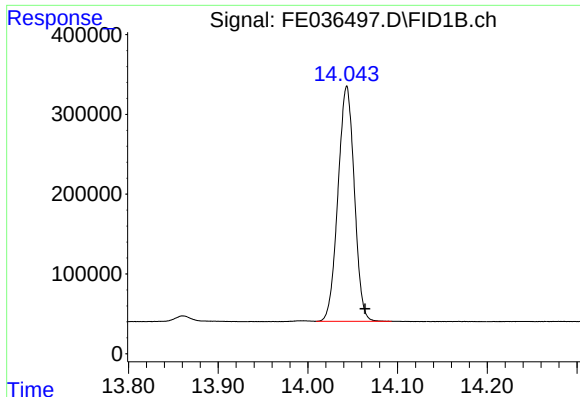
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.022 min
Response: 3769102
Conc: 20.98 ug/ml



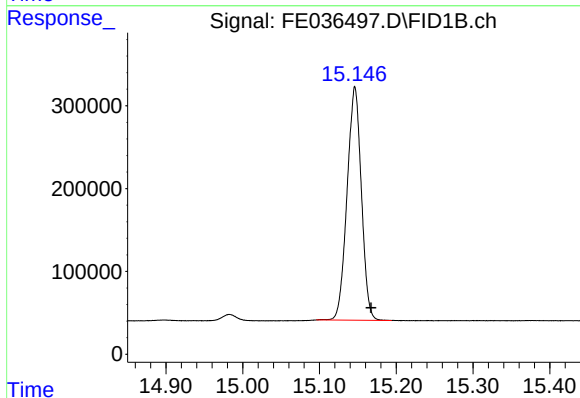
#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.021 min
Response: 3162222
Conc: 20.43 ug/ml



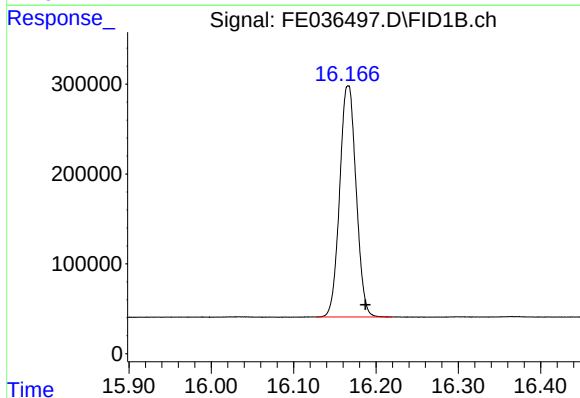
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.021 min
Response: 3724707
Conc: 21.07 ug/ml



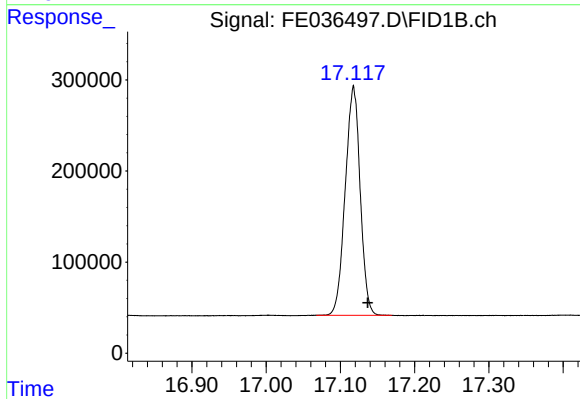
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.021 min
Response: 3646652
Conc: 21.29 ug/ml



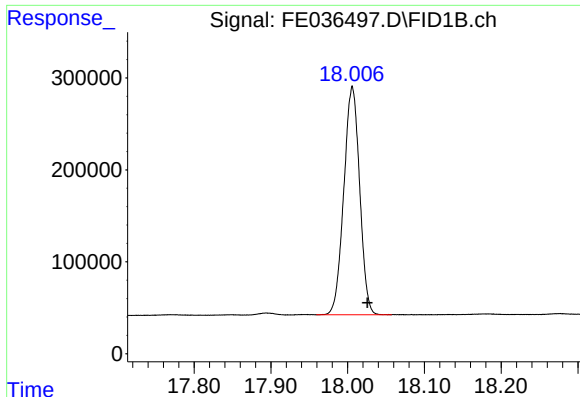
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.021 min
Response: 3569476
Conc: 21.60 ug/ml



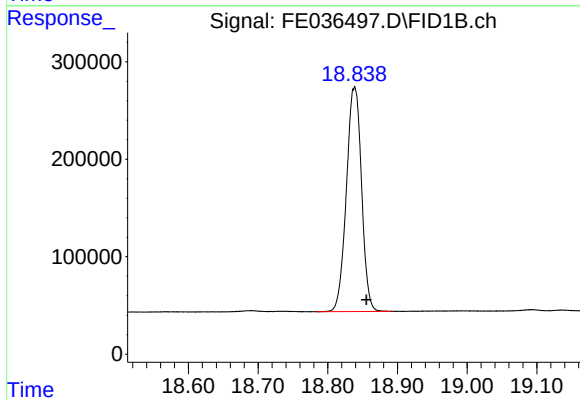
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.019 min
Response: 3515773
Conc: 21.96 ug/ml



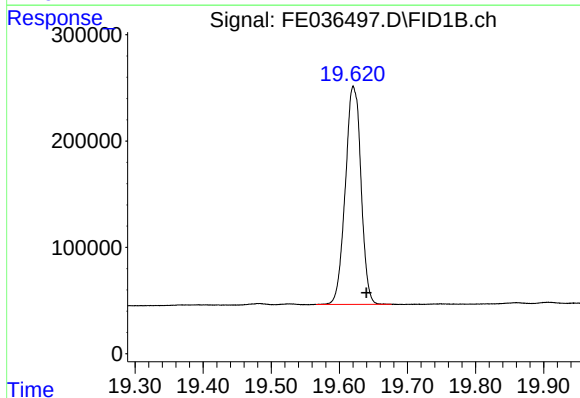
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.019 min
Response: 3558801
Conc: 22.99 ug/ml



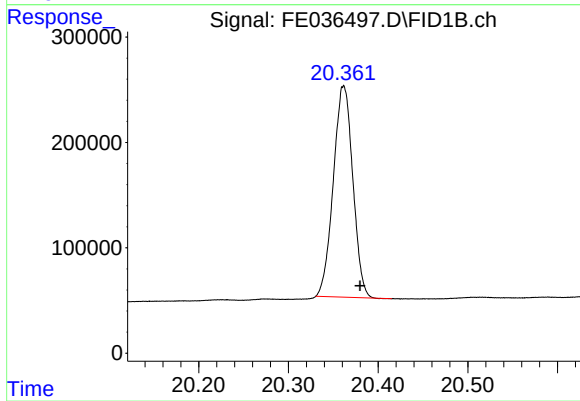
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.017 min
Response: 3475323
Conc: 23.78 ug/ml



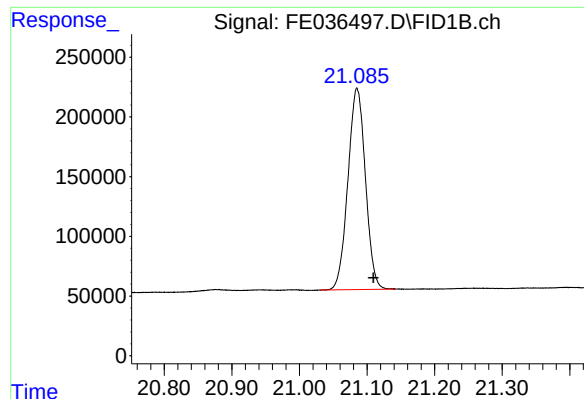
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.019 min
Response: 3281404
Conc: 23.71 ug/ml



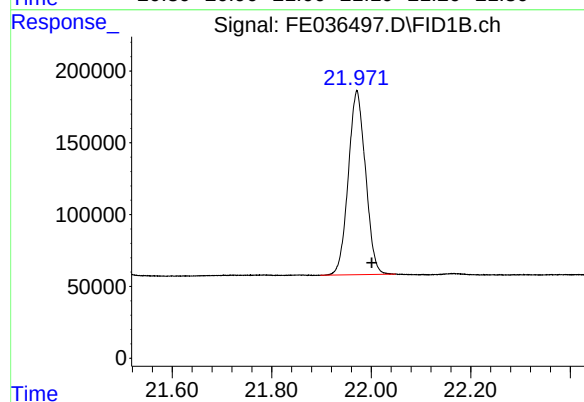
#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.018 min
Response: 3024746
Conc: 22.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.024 min
Response: 3031183
Conc: 22.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: -0.030 min
Response: 3077233
Conc: 22.01 ug/ml