

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055483.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 15:18
 Operator : YP\AJ
 Sample : Q2947-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:21:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 2025
 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)	12.123	188253245	1318.265 ug/ml
Spiked Amount 50.000		Recovery	= 2636.53%
12) S 1-chlorooctadecane (S...	13.526	84809146	788.746 ug/ml
Spiked Amount 50.000		Recovery	= 1577.49%
Target Compounds			
1) T n-Nonane (C9)	3.418	12749	0.111 ug/ml
2) T n-Decane (C10)	4.677	30321	0.260 ug/ml
3) T A~Naphthalene (C11.7)	6.401	142571	1.062 ug/ml
4) T n-Dodecane (C12)	6.853	88204	0.741 ug/ml
5) T A~2-methylnaphthalene...	7.501	152780	1.172 ug/ml
6) T n-Tetradecane (C14)	8.694	1091236	8.900 ug/ml
7) T n-Hexadecane (C16)	10.293	14688343	114.893 ug/ml
8) T n-Octadecane (C18)	11.784	117813173	902.956 ug/ml
10) T n-Eicosane (C20)	13.053	153878205	1226.394 ug/ml
11) T n-Heneicosane (C21)	13.640	219190610	1778.170 ug/ml
13) T n-Docosane (C22)	14.299	70400658	576.488 ug/ml
14) T n-Tetracosane (C24)	15.396	27157006	223.269 ug/ml
15) T n-Hexacosane (C26)	16.406	8906034	74.437 ug/ml
16) T n-Octacosane (C28)	17.367	1801895	15.190 ug/ml
17) T n-Tricontane (C30)	18.256	2969980	24.137 ug/ml
18) T n-Dotriacontane (C32)	19.070	2751127	22.548 ug/ml
19) T n-Tetratriacontane (C34)	19.871	1721992	14.728 ug/ml
20) T n-Hexatriacontane (C36)	20.610	2926778	26.778 ug/ml
21) T n-Octatriacontane (C38)	21.390	2751431	25.460 ug/ml
22) T n-Tetracontane (C40)	22.376	418245	4.000 ug/ml

(f)=RT Delta > 1/2 Window

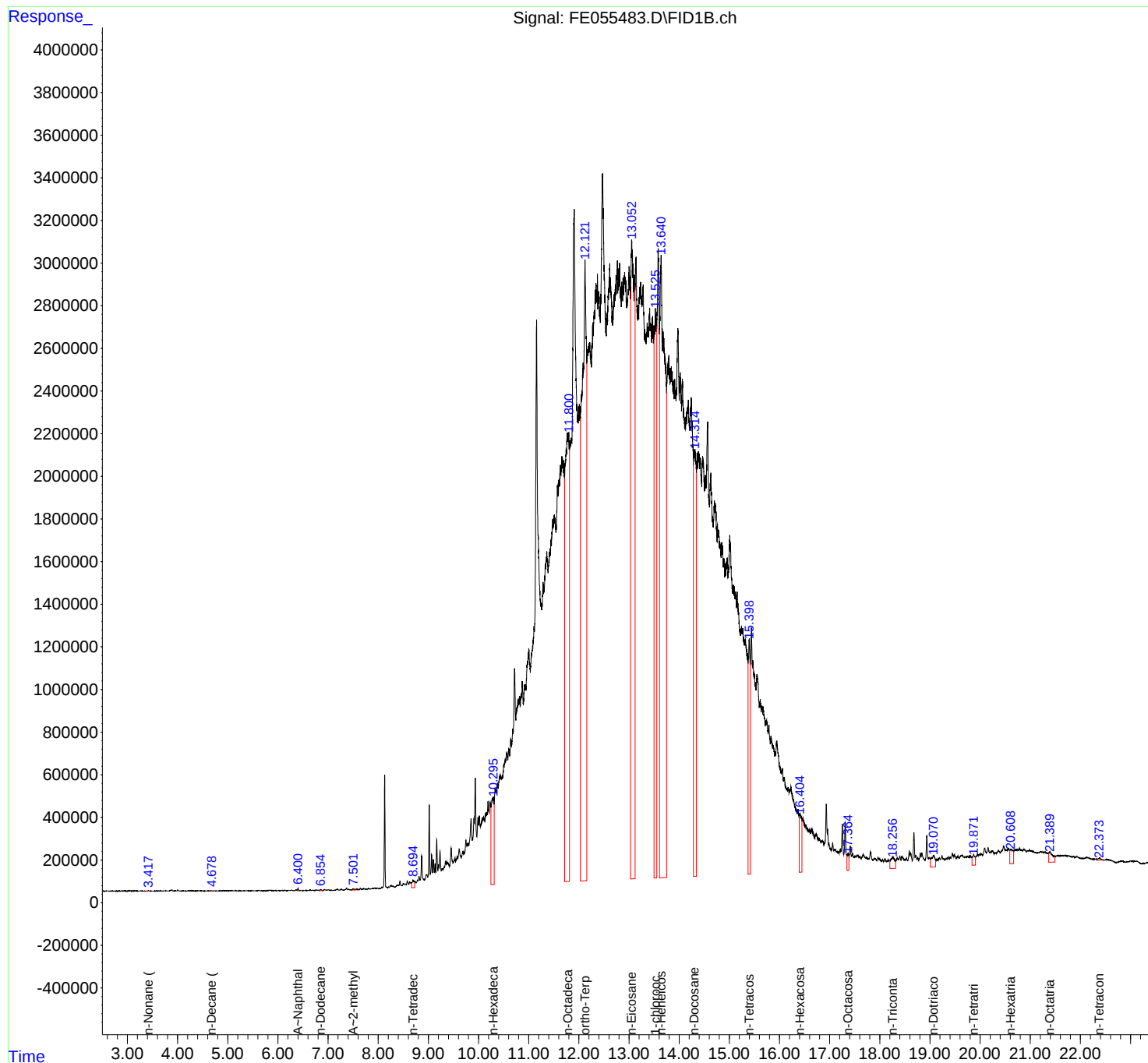
(m)=manual int.

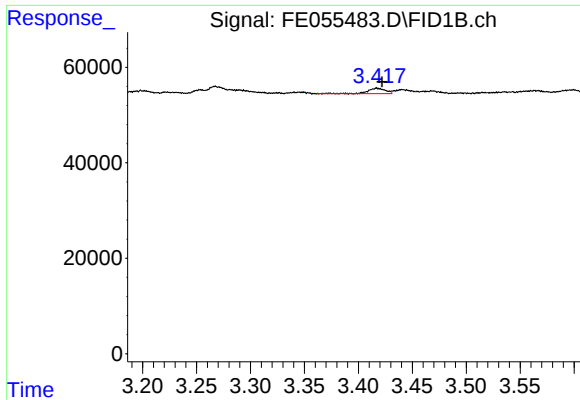
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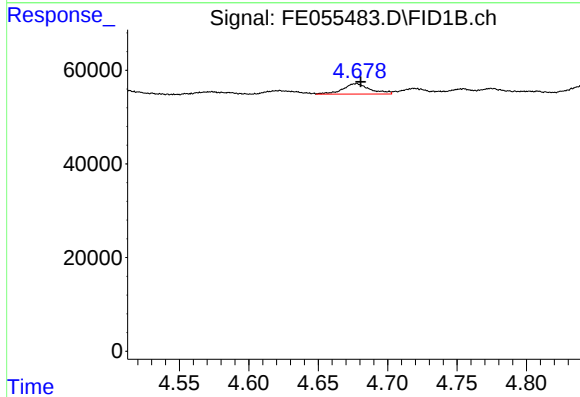




#1 n-Nonane (C9)

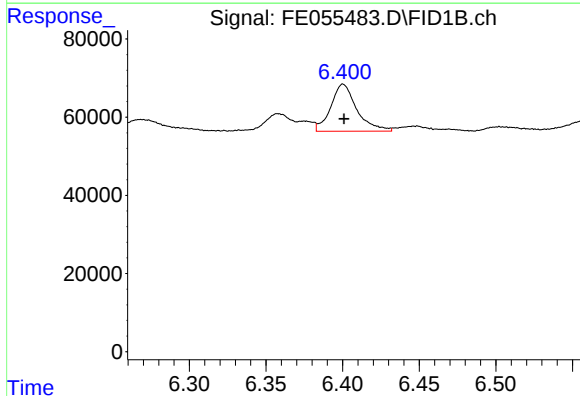
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 12749
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :



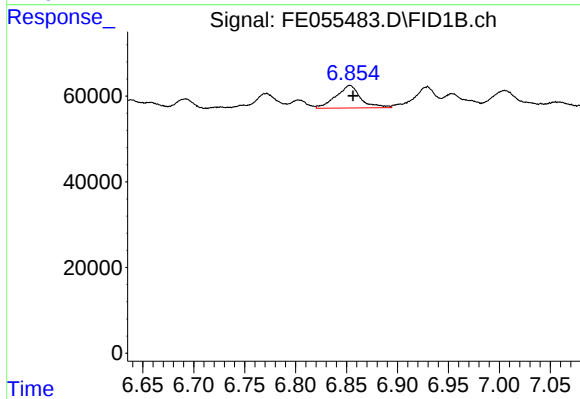
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 30321
Conc: 0.26 ug/ml



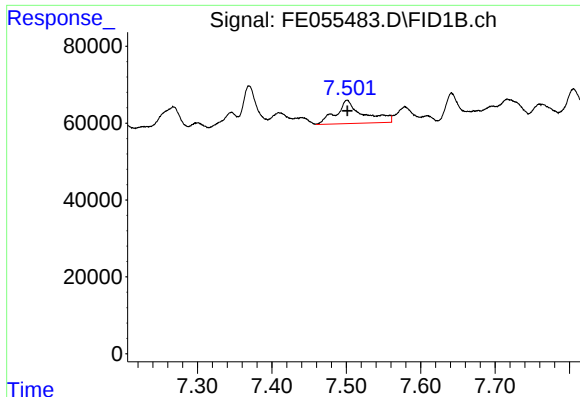
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 142571
Conc: 1.06 ug/ml



#4 n-Dodecane (C12)

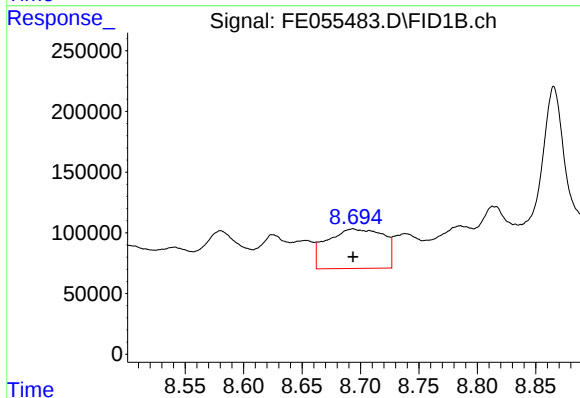
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 88204
Conc: 0.74 ug/ml



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

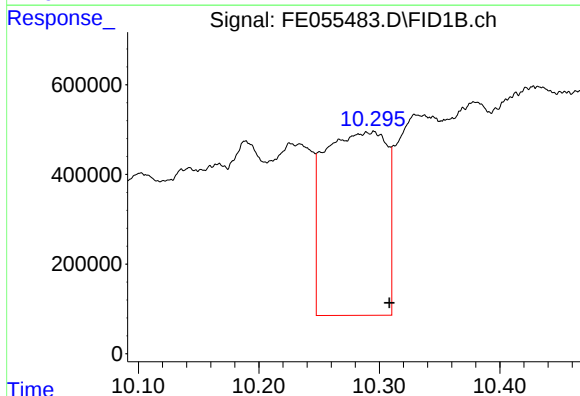
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 152780
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :



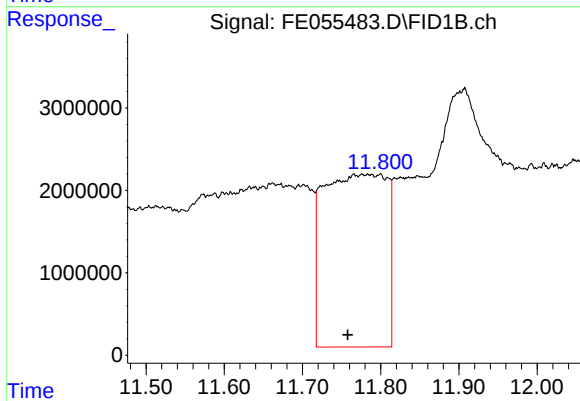
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 1091236
Conc: 8.90 ug/ml



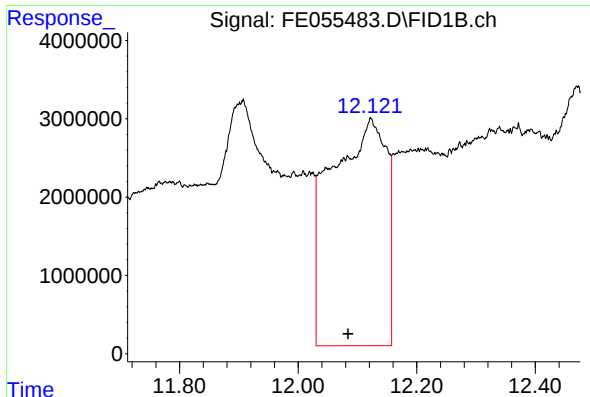
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.015 min
Response: 14688343
Conc: 114.89 ug/ml



#8 n-Octadecane (C18)

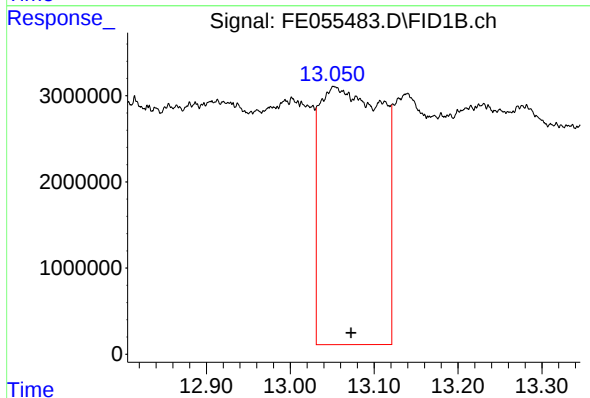
R.T.: 11.784 min
Delta R.T.: 0.026 min
Response: 117813173
Conc: 902.96 ug/ml



#9 ortho-Terphenyl (SURR)

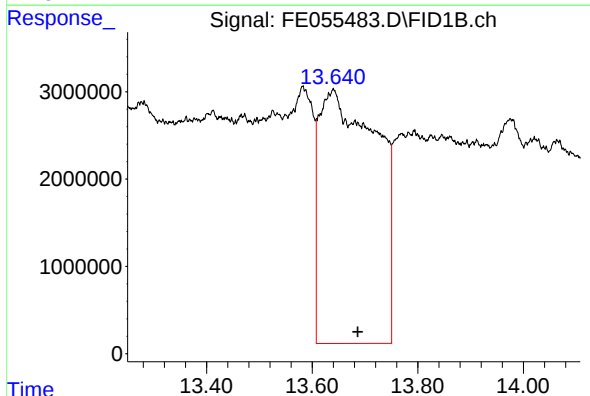
R.T.: 12.123 min
Delta R.T.: 0.039 min
Response: 188253245
Conc: 1318.27 ug/ml

Instrument :
FID_E
ClientSampleId :



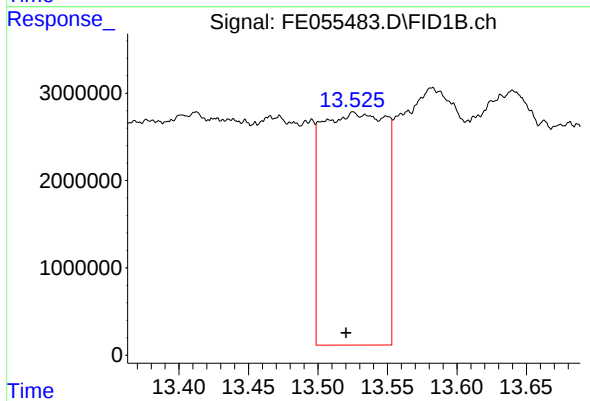
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: -0.019 min
Response: 153878205
Conc: 1226.39 ug/ml



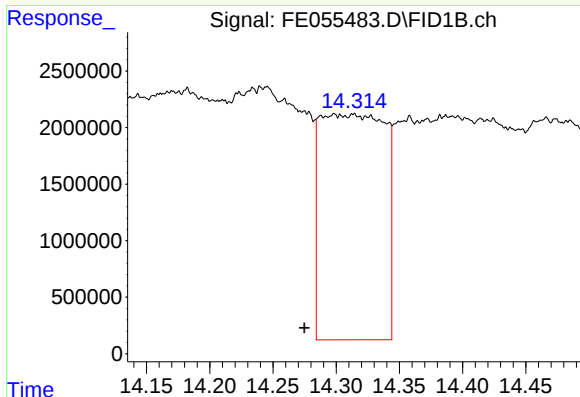
#11 n-Heneicosane (C21)

R.T.: 13.640 min
Delta R.T.: -0.046 min
Response: 219190610
Conc: 1778.17 ug/ml



#12 1-chlorooctadecane (SURR)

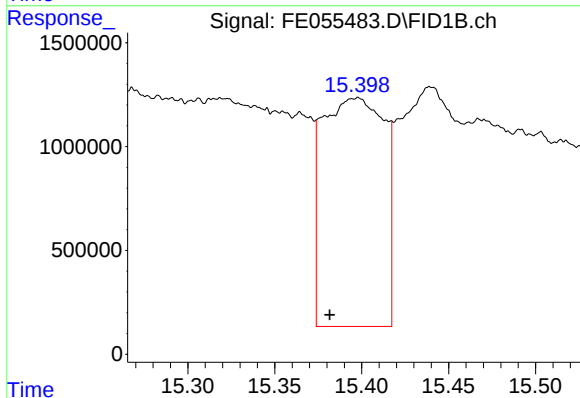
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 84809146
Conc: 788.75 ug/ml



#13 n-Docosane (C22)

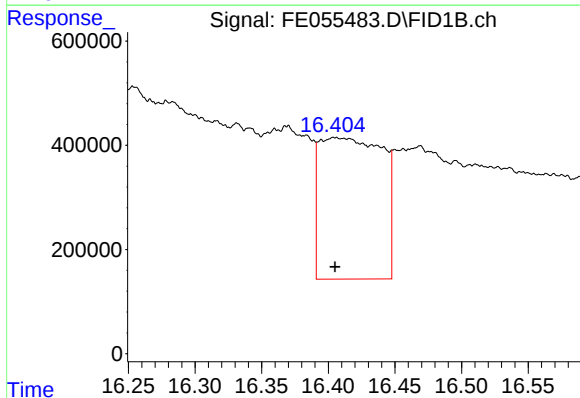
R.T.: 14.299 min
Delta R.T.: 0.024 min
Response: 70400658
Conc: 576.49 ug/ml

Instrument :
FID_E
ClientSampleId :



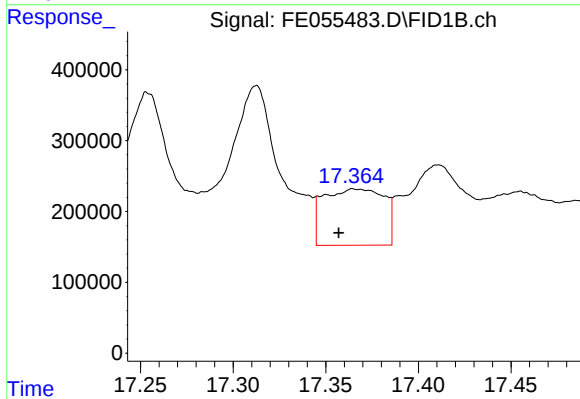
#14 n-Tetracosane (C24)

R.T.: 15.396 min
Delta R.T.: 0.015 min
Response: 27157006
Conc: 223.27 ug/ml



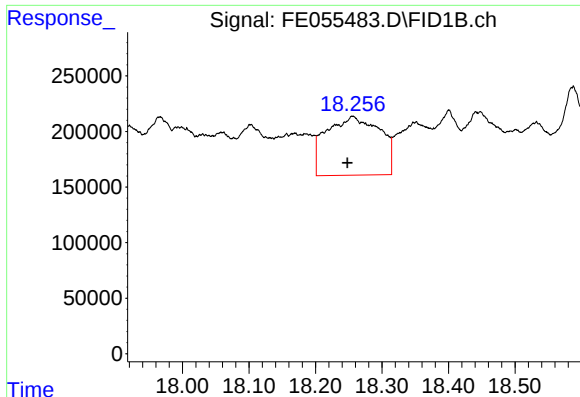
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.000 min
Response: 8906034
Conc: 74.44 ug/ml



#16 n-Octacosane (C28)

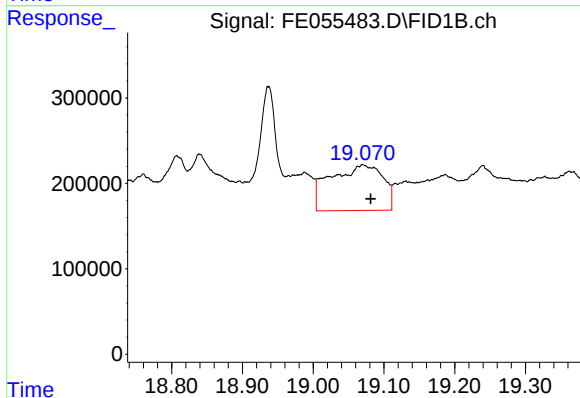
R.T.: 17.367 min
Delta R.T.: 0.010 min
Response: 1801895
Conc: 15.19 ug/ml



#17 n-Tricontane (C30)

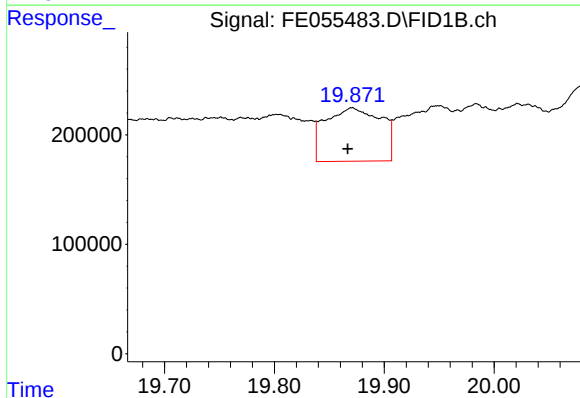
R.T.: 18.256 min
Delta R.T.: 0.008 min
Response: 2969980
Conc: 24.14 ug/ml

Instrument :
FID_E
ClientSampleId :



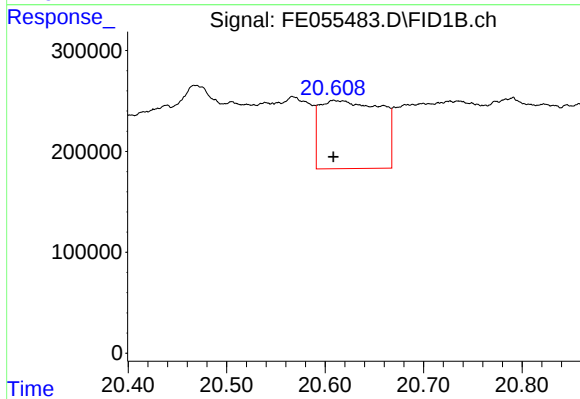
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.011 min
Response: 2751127
Conc: 22.55 ug/ml



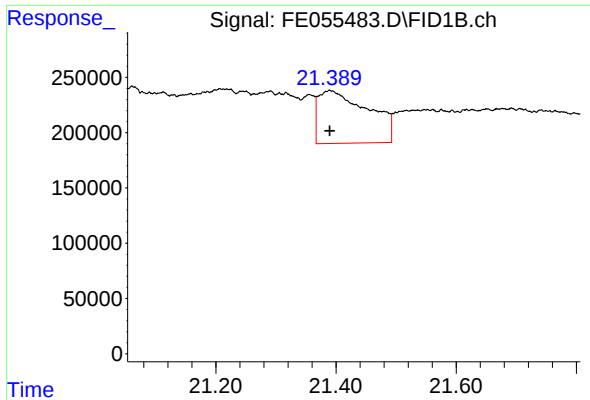
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.004 min
Response: 1721992
Conc: 14.73 ug/ml



#20 n-Hexatriacontane (C36)

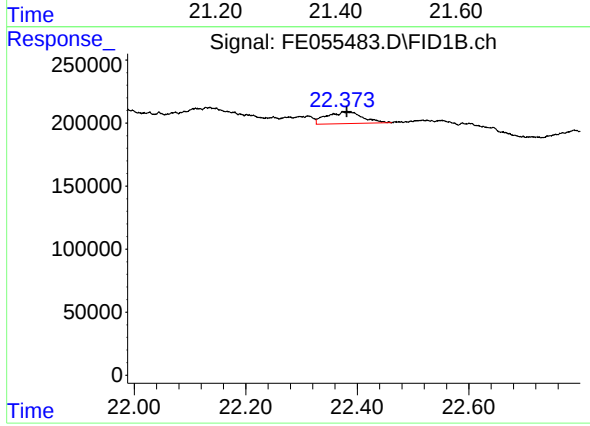
R.T.: 20.610 min
Delta R.T.: 0.002 min
Response: 2926778
Conc: 26.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.000 min
Response: 2751431
Conc: 25.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.005 min
Response: 418245
Conc: 4.00 ug/ml