

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070039.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 22:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 27 07:28:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 24 08:17:58 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
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System Monitoring Compounds

Target Compounds

1) T	n-Nonane (C9)	3.379	2559954	15.705 ug/ml
8) T	n-Octadecane (C18)	11.643f	3203821	17.564 ug/ml
10) T	n-Eicosane (C20)	13.079f	2496632	14.022 ug/ml
11) T	n-Heneicosane (C21)	13.650	131970	0.752 ug/ml
16) T	n-Octacosane (C28)	17.359f	262762	1.477 ug/ml
17) T	n-Tricontane (C30)	18.220	460902	2.539 ug/ml
18) T	n-Dotriacontane (C32)	19.028	497615	2.823 ug/ml
19) T	n-Tetratriacontane (C34)	19.791	328030	2.119 ug/ml
20) T	n-Hexatriacontane (C36)	20.519	128865	1.031 ug/ml

(f)=RT Delta > 1/2 Window

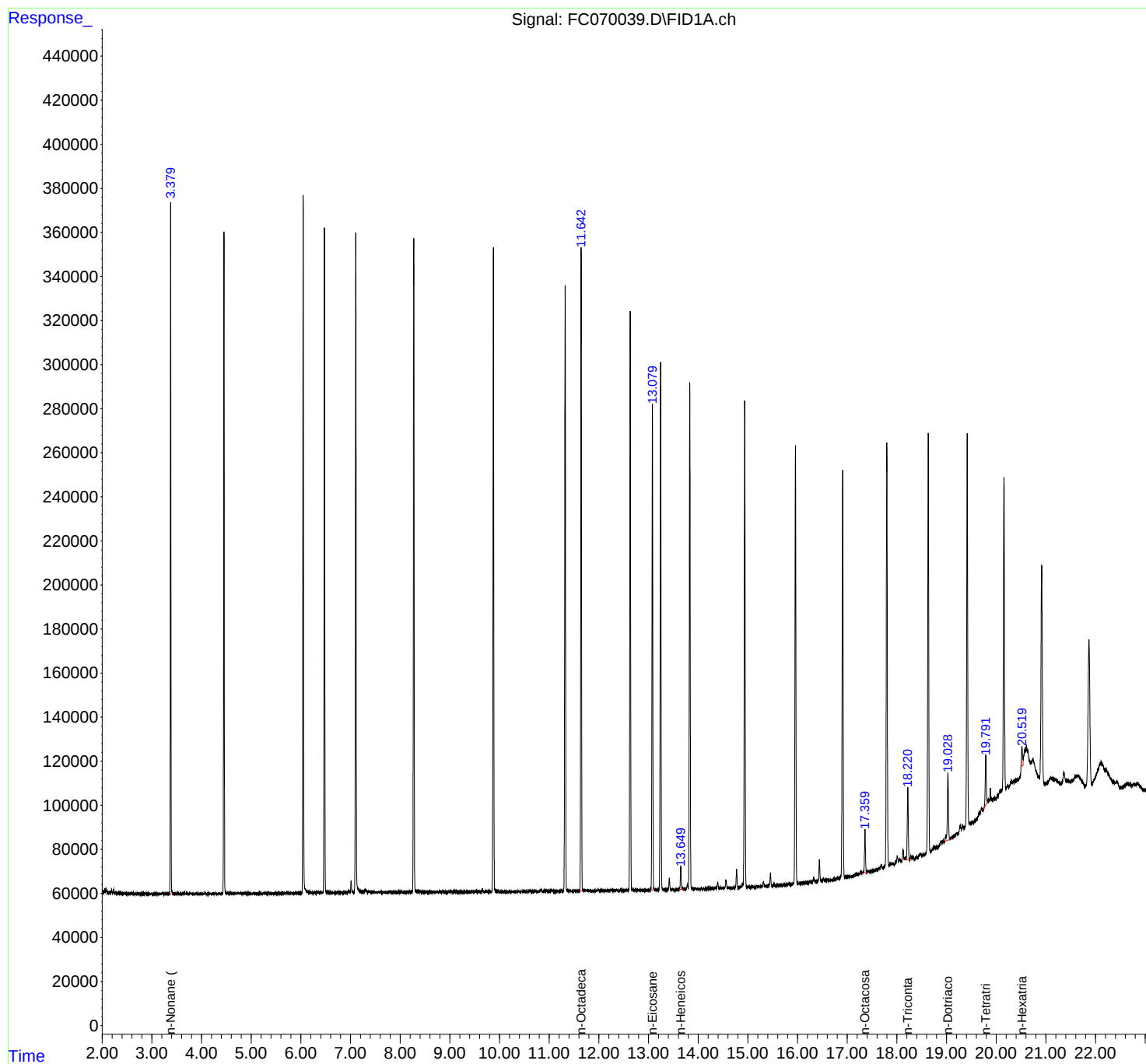
(m)=manual int.

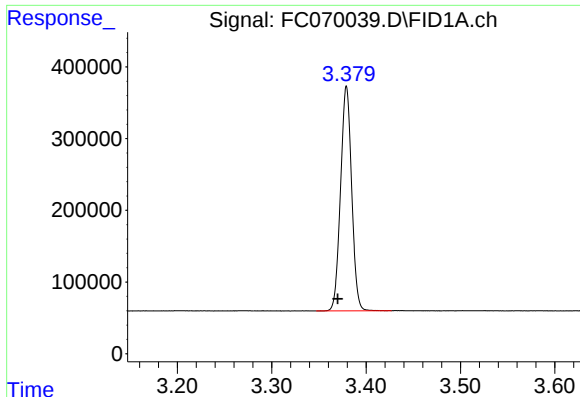
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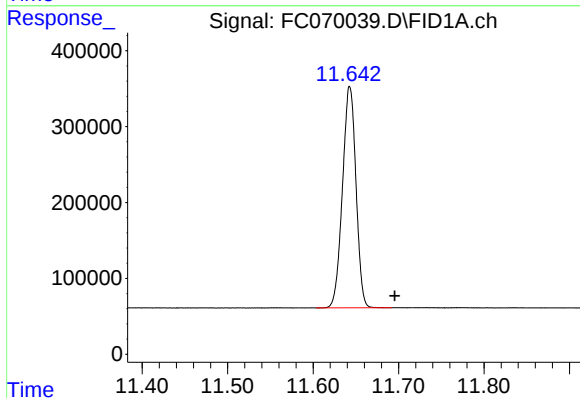




#1 n-Nonane (C9)

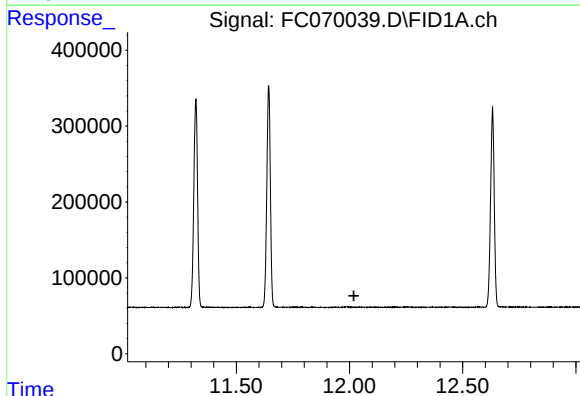
R.T.: 3.379 min
Delta R.T.: 0.009 min
Response: 2559954
Conc: 15.71 ug/ml

Instrument :
FID_C
ClientSampleId :



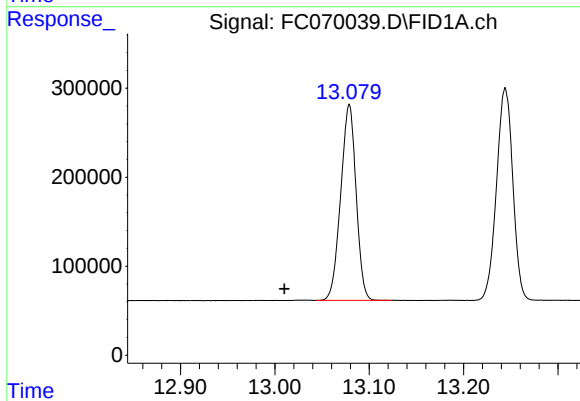
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.053 min
Response: 3203821
Conc: 17.56 ug/ml



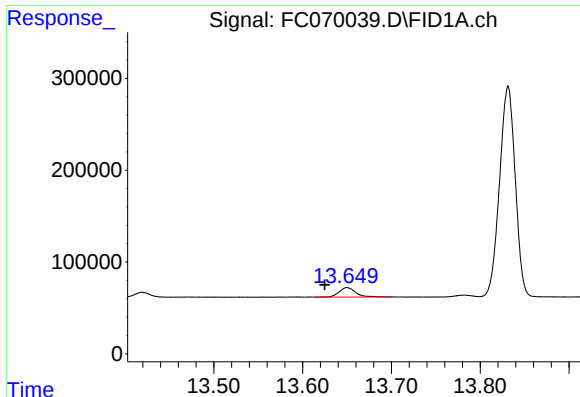
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.019 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

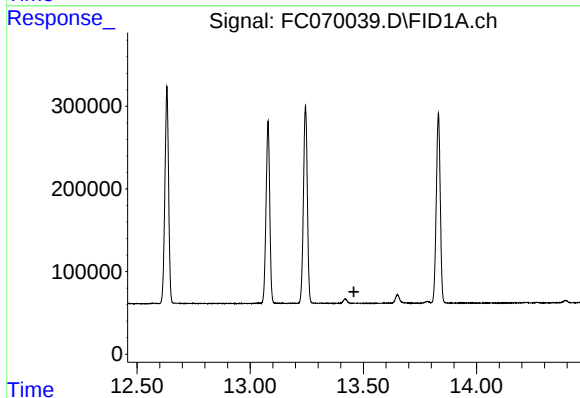
R.T.: 13.079 min
Delta R.T.: 0.069 min
Response: 2496632
Conc: 14.02 ug/ml



#11 n-Heneicosane (C21)

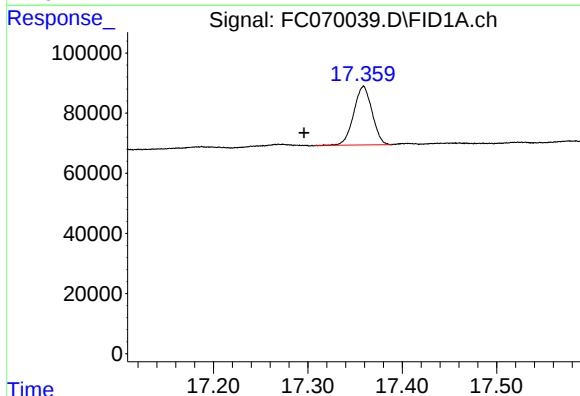
R.T.: 13.650 min
Delta R.T.: 0.025 min
Response: 131970
Conc: 0.75 ug/ml

Instrument :
FID_C
ClientSampleId :



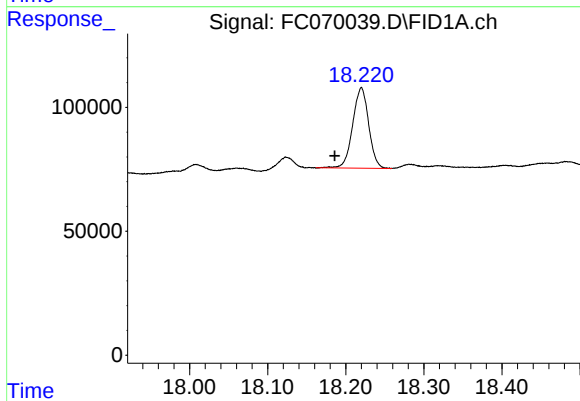
#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T. : 13.458 min
Response: 0
Conc: N.D.



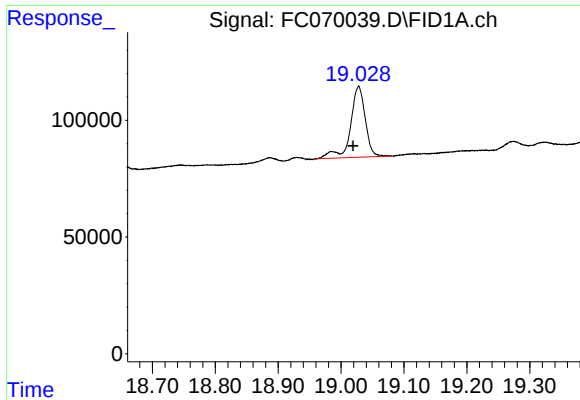
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.063 min
Response: 262762
Conc: 1.48 ug/ml



#17 n-Tricontane (C30)

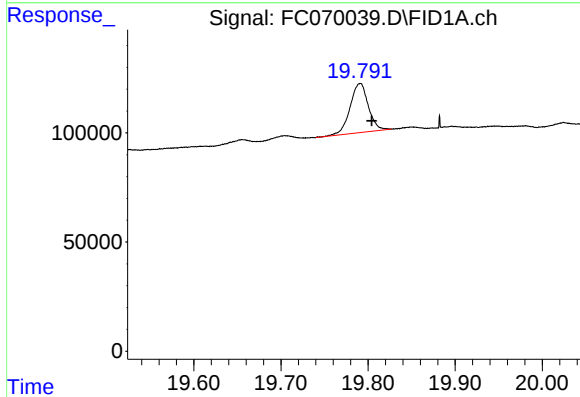
R.T.: 18.220 min
Delta R.T.: 0.034 min
Response: 460902
Conc: 2.54 ug/ml



#18 n-Dotriacontane (C32)

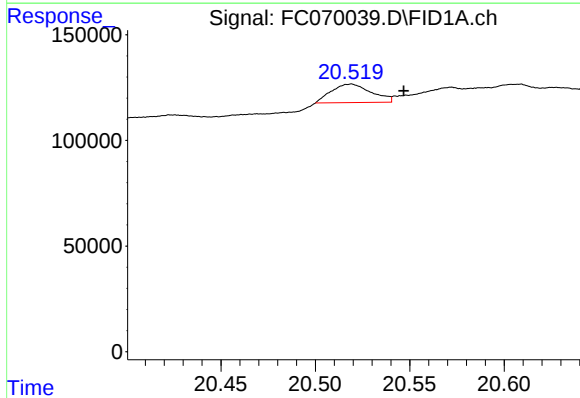
R.T.: 19.028 min
Delta R.T.: 0.009 min
Response: 497615
Conc: 2.82 ug/ml

Instrument :
FID_C
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.791 min
Delta R.T.: -0.014 min
Response: 328030
Conc: 2.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.519 min
Delta R.T.: -0.028 min
Response: 128865
Conc: 1.03 ug/ml