

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053979.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 17:10
 Operator : YP\AJ
 Sample : Q2101-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1-MHEMSD

Integration File: sample.E
 Quant Time: May 23 01:30:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.845	7676728	47.238 ug/ml
Spiked Amount 50.000		Recovery =	94.48%
12) S 1-chlorooctadecane (S...	13.289	6243166	52.663 ug/ml
Spiked Amount 50.000		Recovery =	105.33%
Target Compounds			
1) T n-Nonane (C9)	3.189	2939945	21.753 ug/ml
2) T n-Decane (C10)	4.453	3392404	25.105 ug/mlm
3) T A~Naphthalene (C11.7)	6.166	4293157	29.873 ug/ml
4) T n-Dodecane (C12)	6.635	3913361	28.689 ug/ml
5) T A~2-methylnaphthalene...	7.268	4217154	30.403 ug/ml
6) T n-Tetradecane (C14)	8.471	4336829	32.137 ug/ml
7) T n-Hexadecane (C16)	10.082	4774748	35.386 ug/ml
8) T n-Octadecane (C18)	11.530	4905585	36.429 ug/ml
10) T n-Eicosane (C20)	12.844	5118666	38.946 ug/ml
11) T n-Heneicosane (C21)	13.457	4889141	37.712 ug/ml
13) T n-Docosane (C22)	14.044	4826377	37.831 ug/ml
14) T n-Tetracosane (C24)	15.140	9992160	79.863 ug/mlm
15) T n-Hexacosane (C26)	16.174	4697063	38.359 ug/ml
16) T n-Octacosane (C28)	17.124	4782067	39.338 ug/mlm
17) T n-Tricontane (C30)	18.015	4634846	37.208 ug/ml
18) T n-Dotriacontane (C32)	18.847	4552619	36.405 ug/ml
19) T n-Tetratriacontane (C34)	19.632	4520783	37.951 ug/ml
20) T n-Hexatriacontane (C36)	20.374	4667210	40.308 ug/ml
21) T n-Octatriacontane (C38)	21.105	4736038	43.520 ug/ml
22) T n-Tetracontane (C40)	22.000	4536133	45.713 ug/ml

(f)=RT Delta > 1/2 Window

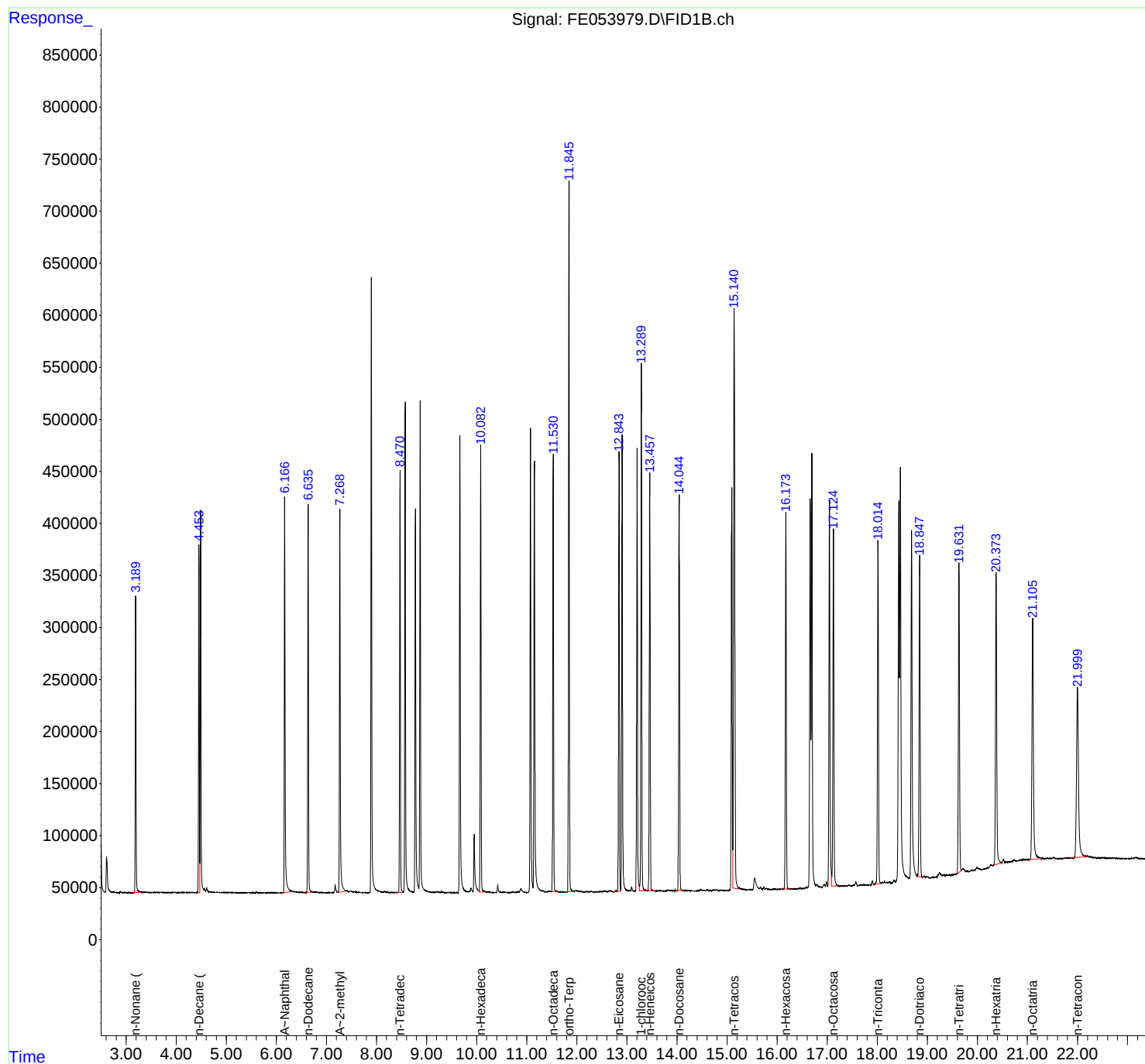
(m)=manual int.

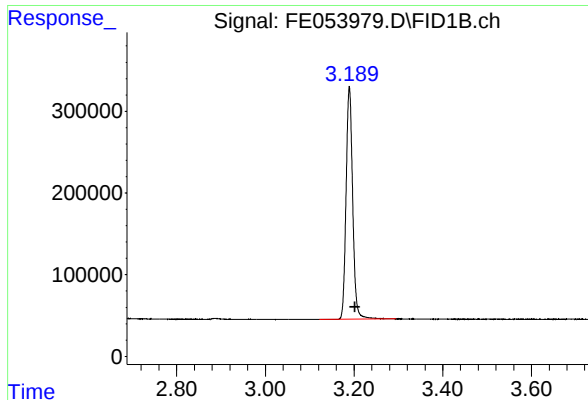
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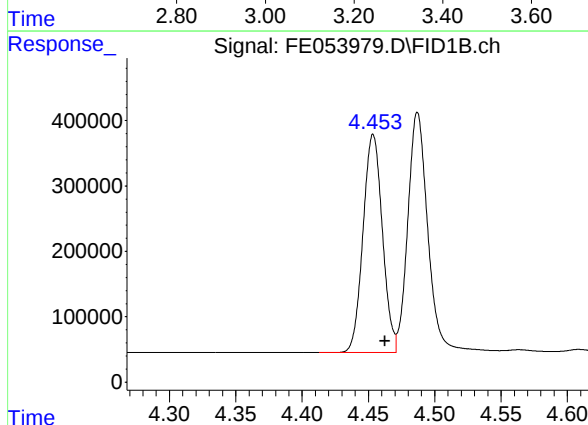




#1 n-Nonane (C9)

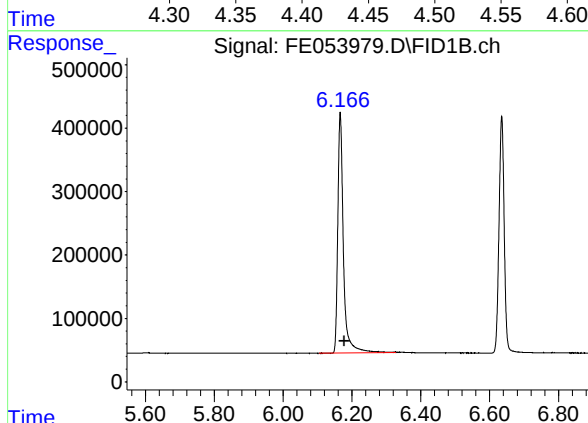
R.T.: 3.189 min
Delta R.T.: -0.013 min
Response: 2939945
Conc: 21.75 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMSD



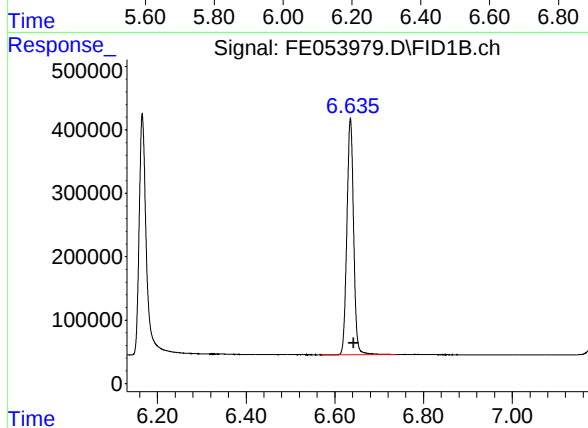
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.009 min
Response: 3392404
Conc: 25.10 ug/ml



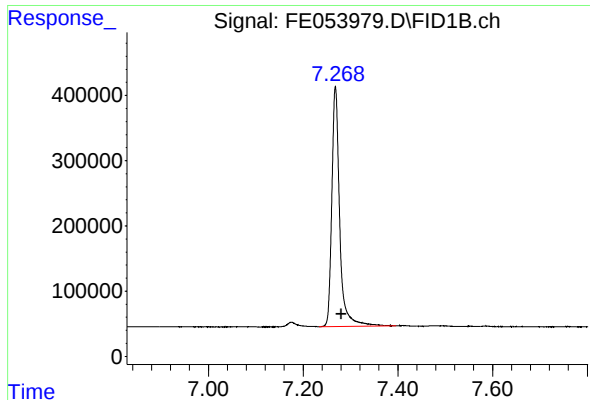
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.012 min
Response: 4293157
Conc: 29.87 ug/ml



#4 n-Dodecane (C12)

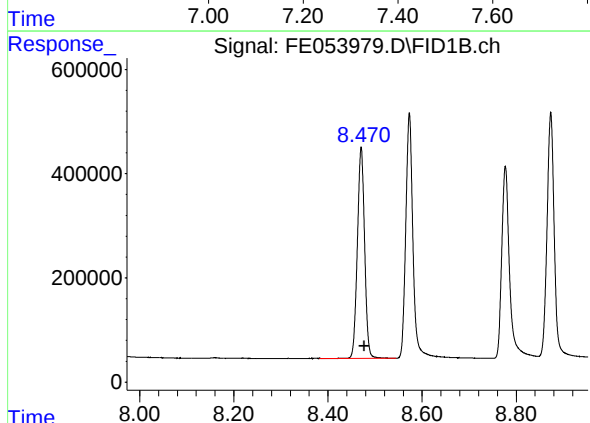
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 3913361
Conc: 28.69 ug/ml



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

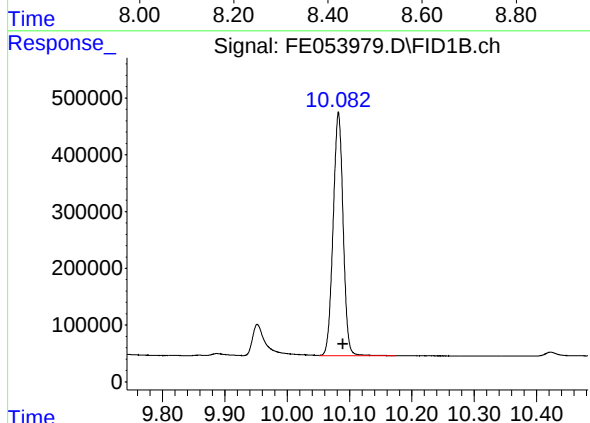
R.T.: 7.268 min
Delta R.T.: -0.012 min
Response: 4217154
Conc: 30.40 ug/ml

Instrument :
FID_E
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TP-1-MHEMSD



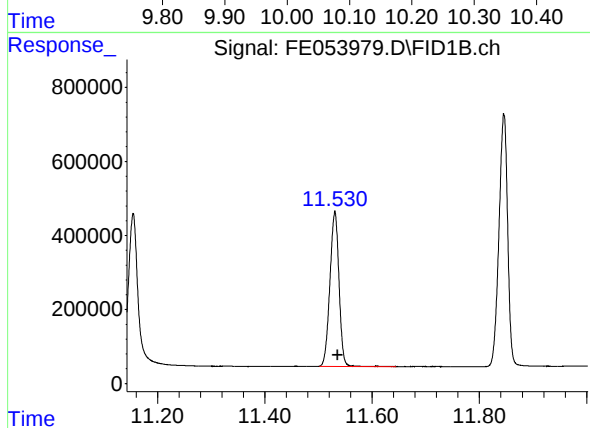
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.007 min
Response: 4336829
Conc: 32.14 ug/ml



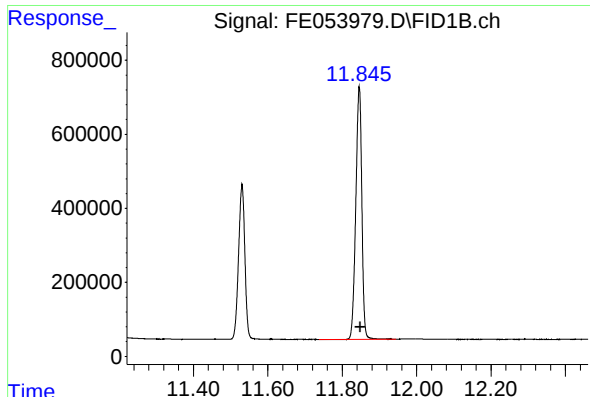
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 4774748
Conc: 35.39 ug/ml



#8 n-Octadecane (C18)

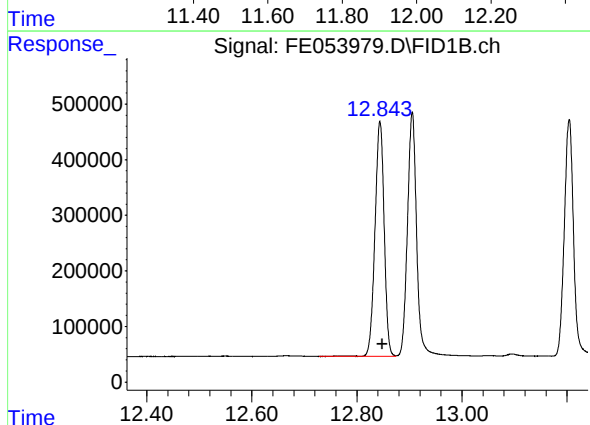
R.T.: 11.530 min
Delta R.T.: -0.006 min
Response: 4905585
Conc: 36.43 ug/ml



#9 ortho-Terphenyl (SURR)

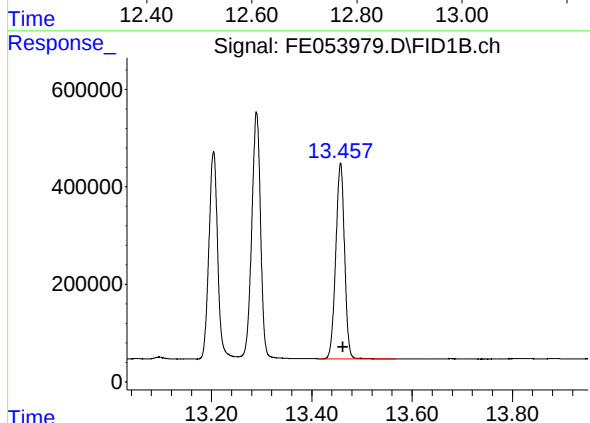
R.T.: 11.845 min
Delta R.T.: -0.004 min
Response: 7676728
Conc: 47.24 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMSD



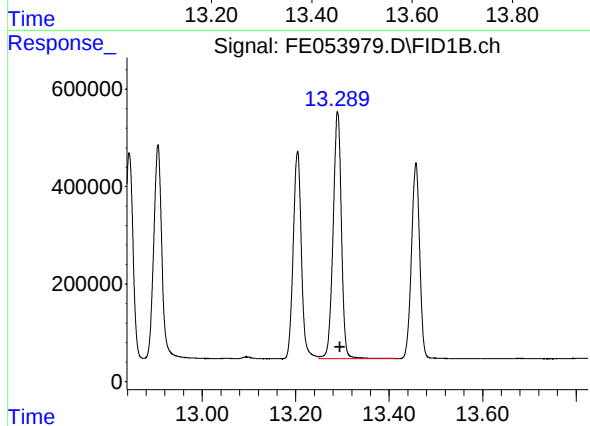
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.005 min
Response: 5118666
Conc: 38.95 ug/ml



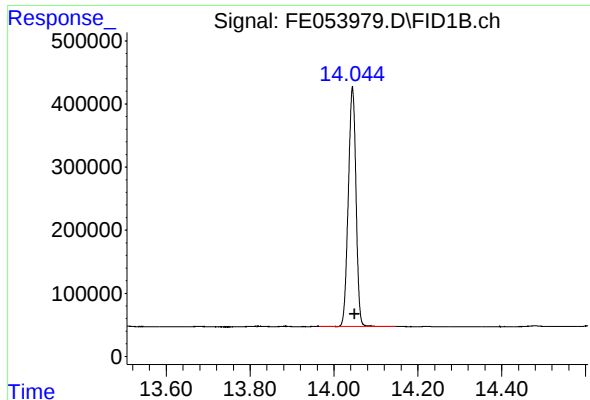
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.005 min
Response: 4889141
Conc: 37.71 ug/ml



#12 1-chlorooctadecane (SURR)

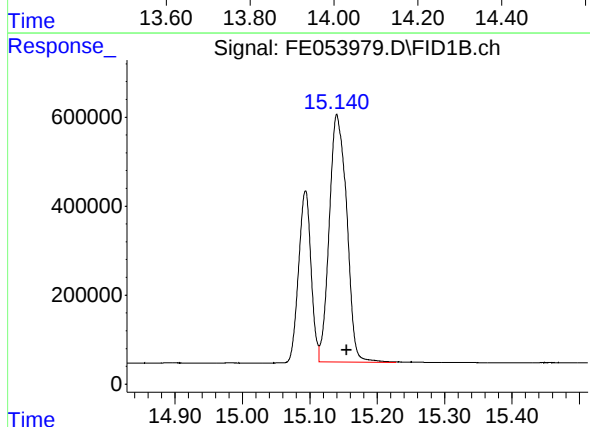
R.T.: 13.289 min
Delta R.T.: -0.005 min
Response: 6243166
Conc: 52.66 ug/ml



#13 n-Docosane (C22)

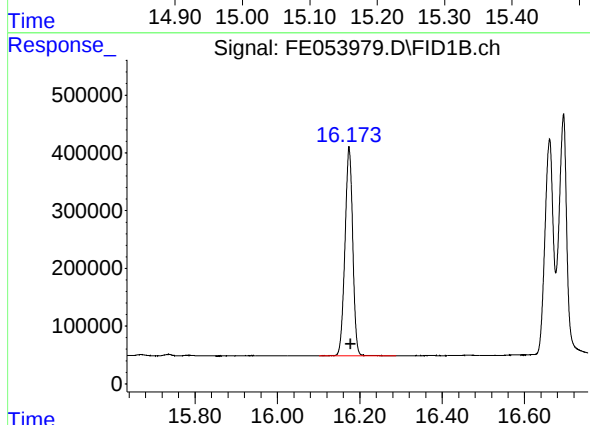
R.T.: 14.044 min
Delta R.T.: -0.006 min
Response: 4826377
Conc: 37.83 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMSD



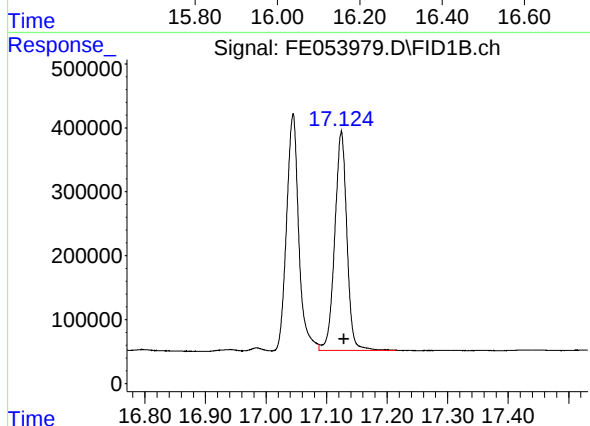
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 9992160
Conc: 79.86 ug/ml m



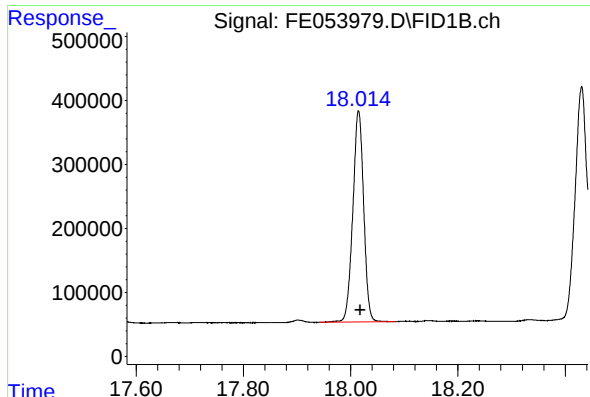
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.004 min
Response: 4697063
Conc: 38.36 ug/ml



#16 n-Octacosane (C28)

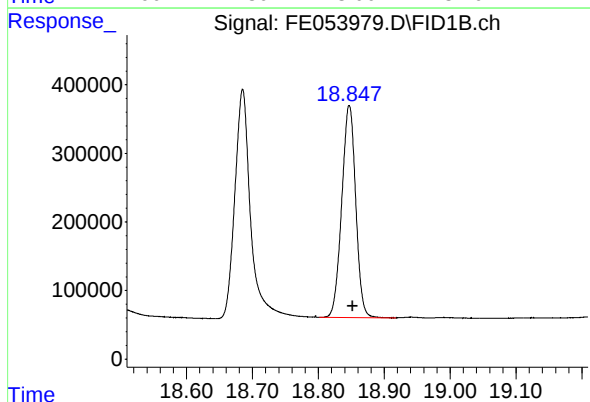
R.T.: 17.124 min
Delta R.T.: -0.004 min
Response: 4782067
Conc: 39.34 ug/ml m



#17 n-Tricontane (C30)

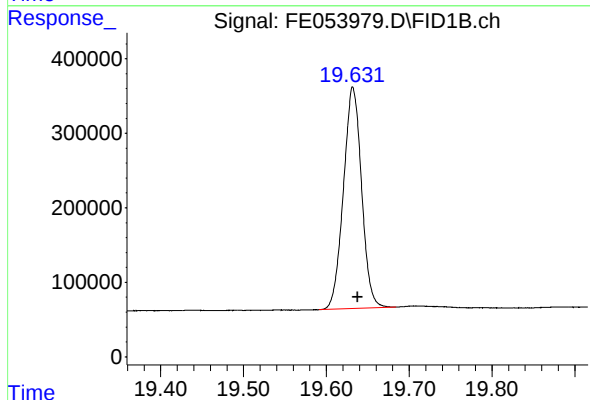
R.T.: 18.015 min
Delta R.T.: -0.003 min
Response: 4634846
Conc: 37.21 ug/ml

Instrument :
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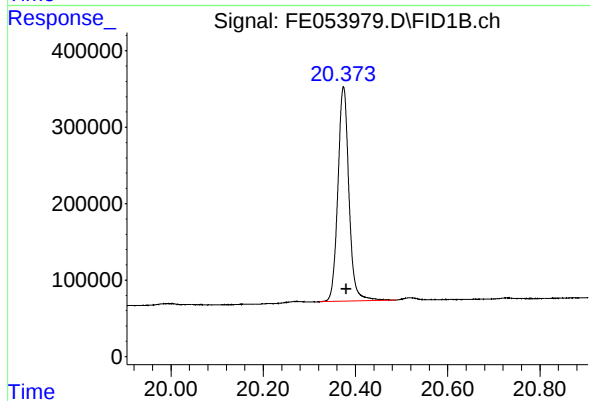
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 4552619
Conc: 36.40 ug/ml



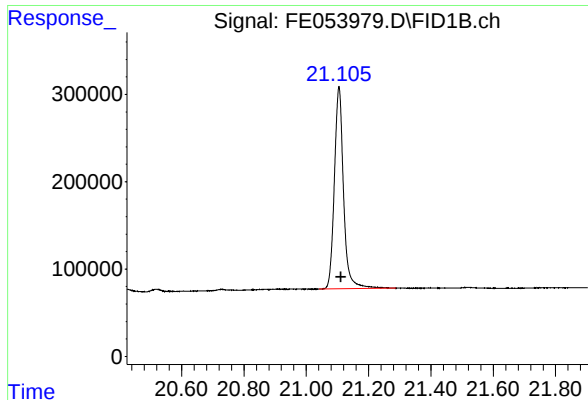
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.006 min
Response: 4520783
Conc: 37.95 ug/ml



#20 n-Hexatriacontane (C36)

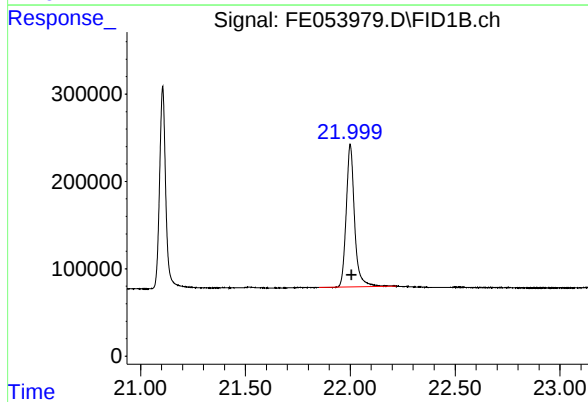
R.T.: 20.374 min
Delta R.T.: -0.006 min
Response: 4667210
Conc: 40.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.006 min
Response: 4736038
Conc: 43.52 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMSD



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.007 min
Response: 4536133
Conc: 45.71 ug/ml