

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
 Data File : FE051499.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2024 13:23
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 02 14:11:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:11:15 2024
 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)	11.831	1557221	10.446 ug/ml
Spiked Amount 50.000		Recovery =	20.89%
12) S 1-chlorooctadecane (S...	13.264	1137490	10.209 ug/ml
Spiked Amount 50.000		Recovery =	20.42%
Target Compounds			
1) T n-Nonane (C9)	3.224	1446232	10.427 ug/ml
2) T n-Decane (C10)	4.471	1462770	10.403 ug/ml
3) T A~Naphthalene (C11.7)	6.188	1295021	9.631 ug/ml
4) T n-Dodecane (C12)	6.637	1468818	10.401 ug/ml
5) T A~2-methylnaphthalene...	7.285	1155071	9.285 ug/ml
6) T n-Tetradecane (C14)	8.463	1434472	10.368 ug/ml
7) T n-Hexadecane (C16)	10.068	1460553	10.348 ug/ml
8) T n-Octadecane (C18)	11.509	1490273	10.463 ug/ml
10) T n-Eicosane (C20)	12.817	1428825	10.481 ug/ml
11) T n-Heneicosane (C21)	13.428	1407132	10.514 ug/ml
13) T n-Docosane (C22)	14.013	1385393	10.475 ug/ml
14) T n-Tetracosane (C24)	15.114	1366539	10.468 ug/ml
15) T n-Hexacosane (C26)	16.134	1338959	10.453 ug/ml
16) T n-Octacosane (C28)	17.082	1319429	10.492 ug/ml
17) T n-Tricontane (C30)	17.969	1347096	10.573 ug/ml
18) T n-Dotriacontane (C32)	18.800	1294097	10.546 ug/ml
19) T n-Tetratriacontane (C34)	19.582	1233626	11.065 ug/ml
20) T n-Hexatriacontane (C36)	20.322	997407	10.389 ug/ml
21) T n-Octatriacontane (C38)	21.043	934712	10.266 ug/ml
22) T n-Tetracontane (C40)	21.917	834954	9.624 ug/ml

(f)=RT Delta > 1/2 Window

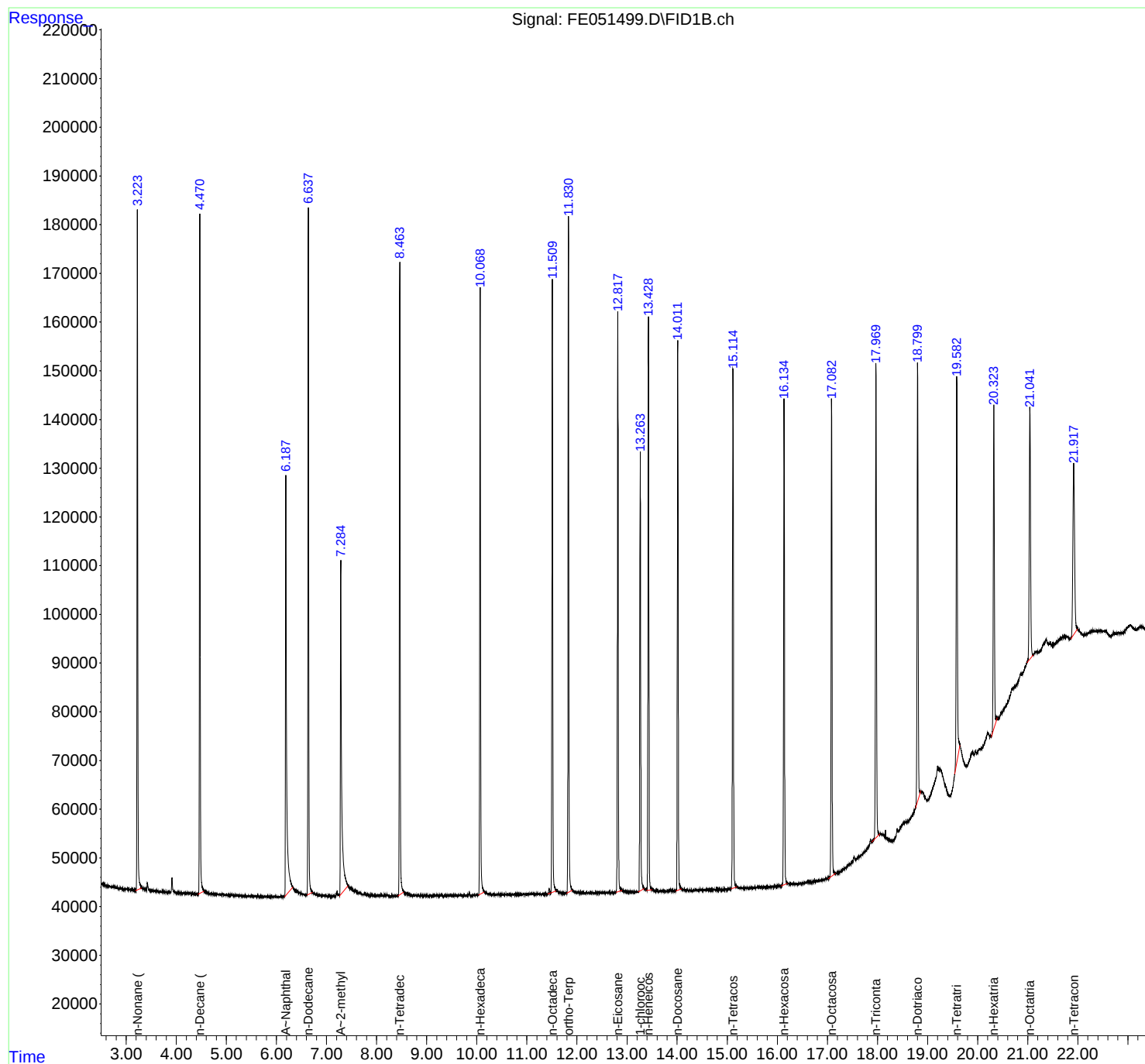
(m)=manual int.

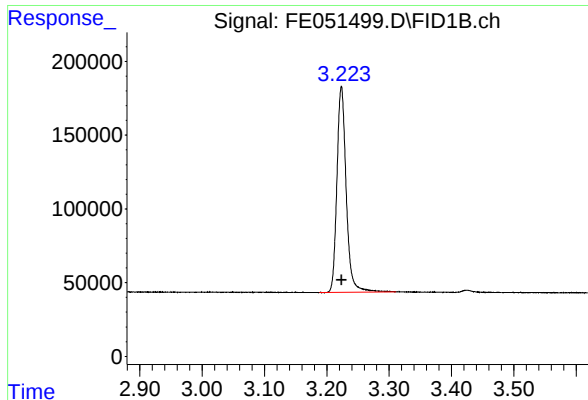
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
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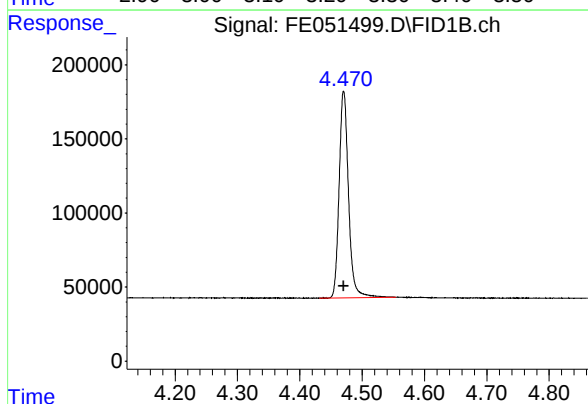




#1 n-Nonane (C9)

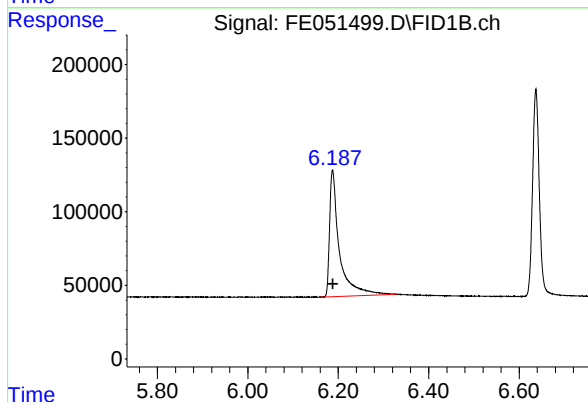
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 1446232
Conc: 10.43 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



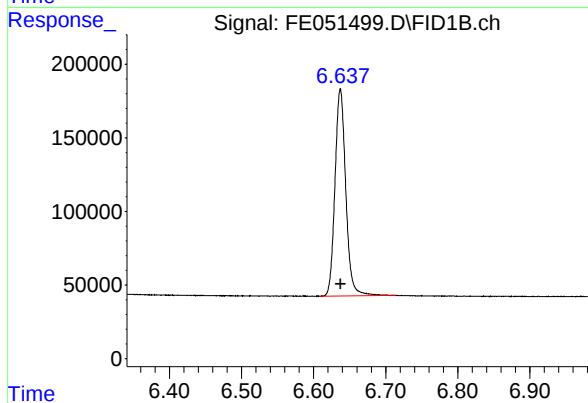
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1462770
Conc: 10.40 ug/ml



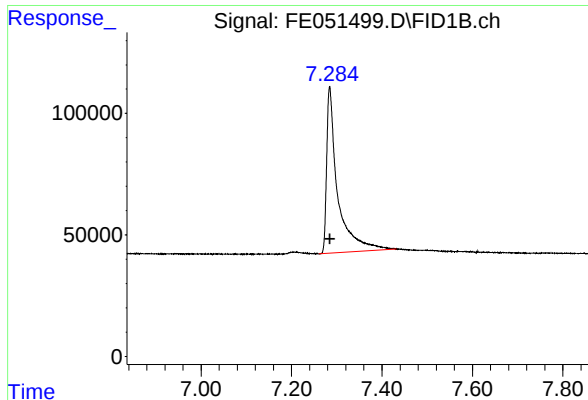
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 1295021
Conc: 9.63 ug/ml



#4 n-Dodecane (C12)

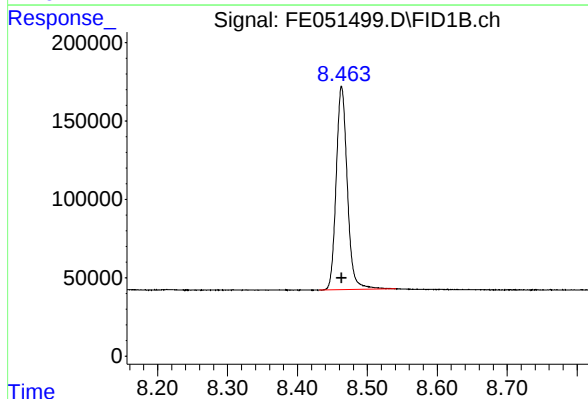
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 1468818
Conc: 10.40 ug/ml



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

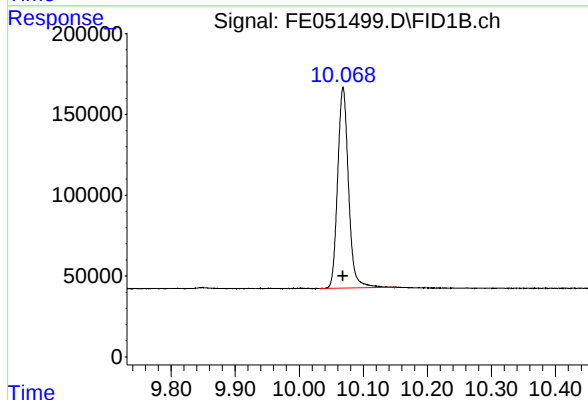
R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 1155071
Conc: 9.29 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



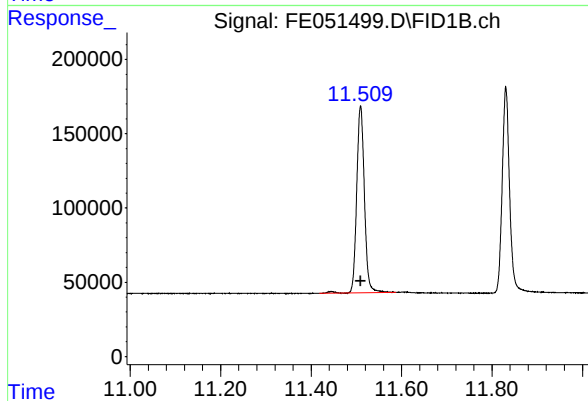
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 1434472
Conc: 10.37 ug/ml



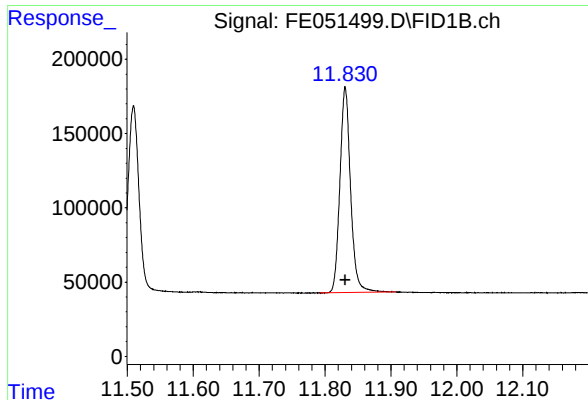
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 1460553
Conc: 10.35 ug/ml



#8 n-Octadecane (C18)

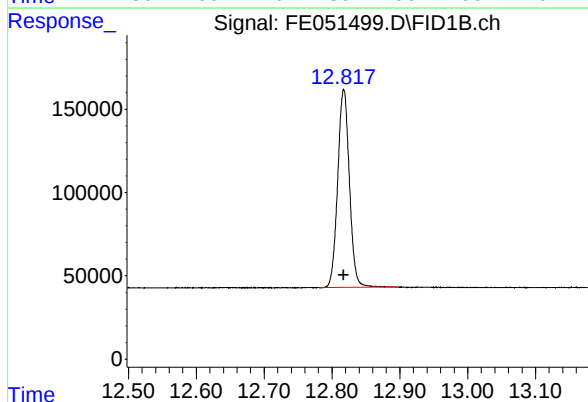
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 1490273
Conc: 10.46 ug/ml



#9 ortho-Terphenyl (SURR)

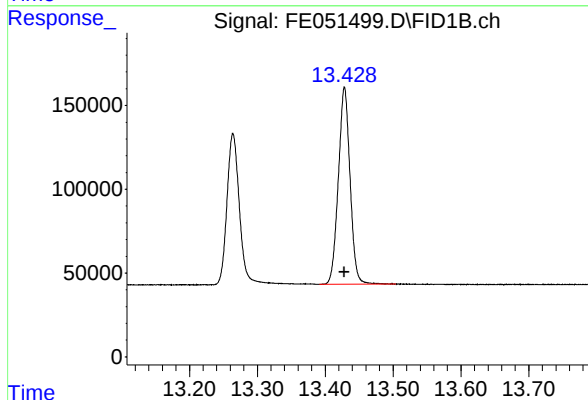
R.T.: 11.831 min
Delta R.T.: 0.000 min
Response: 1557221
Conc: 10.45 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



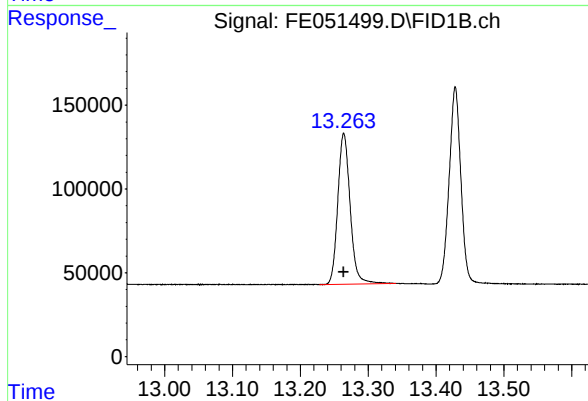
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 1428825
Conc: 10.48 ug/ml



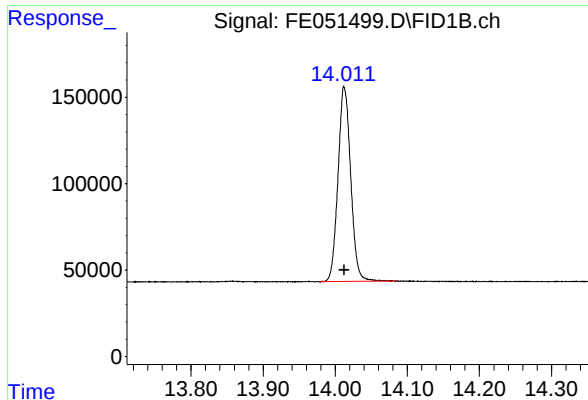
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 1407132
Conc: 10.51 ug/ml



#12 1-chlorooctadecane (SURR)

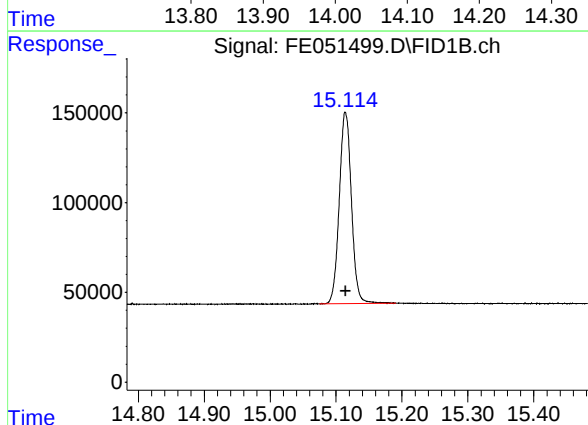
R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 1137490
Conc: 10.21 ug/ml



#13 n-Docosane (C22)

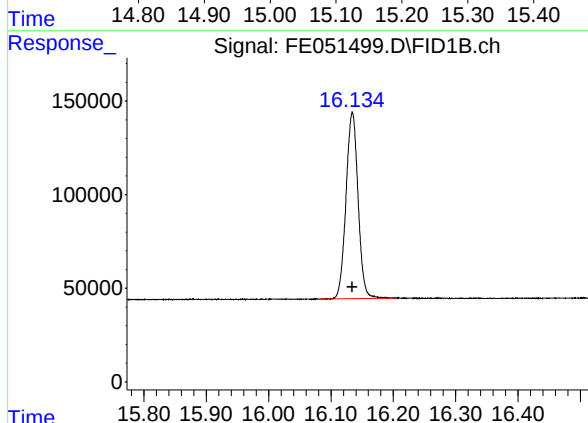
R.T.: 14.013 min
Delta R.T.: 0.000 min
Response: 1385393
Conc: 10.48 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



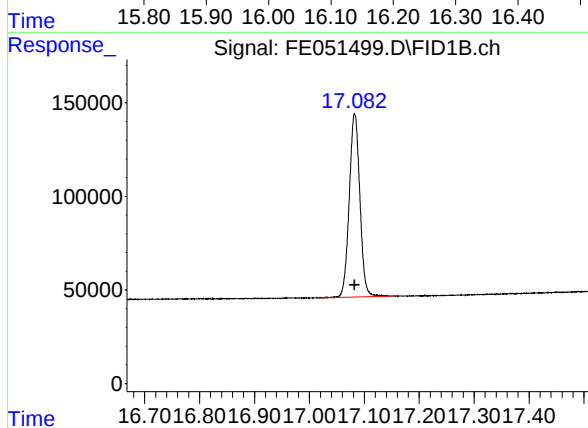
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: 0.000 min
Response: 1366539
Conc: 10.47 ug/ml



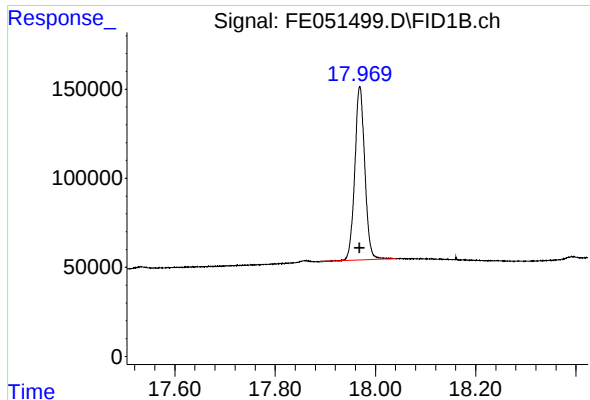
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 1338959
Conc: 10.45 ug/ml



#16 n-Octacosane (C28)

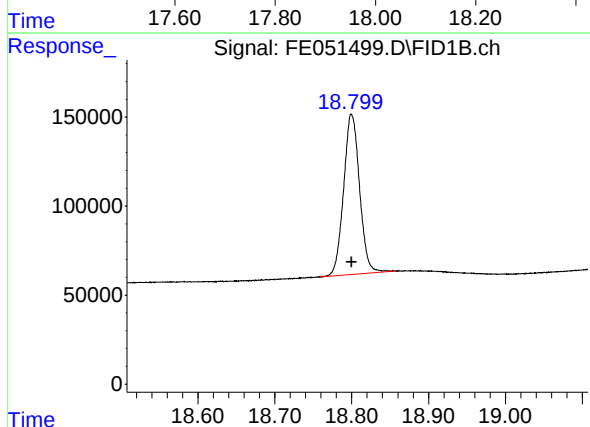
R.T.: 17.082 min
Delta R.T.: 0.000 min
Response: 1319429
Conc: 10.49 ug/ml



#17 n-Tricontane (C30)

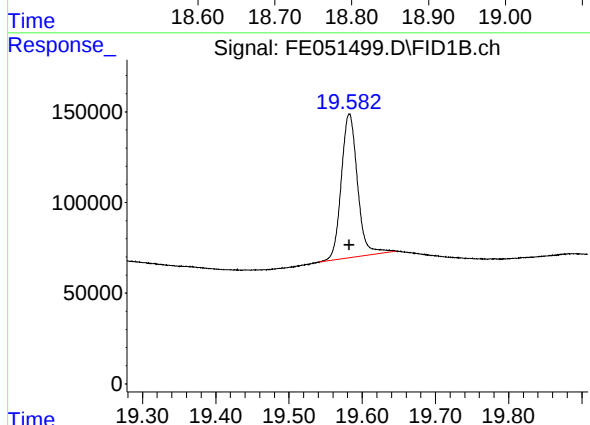
R.T.: 17.969 min
Delta R.T.: 0.000 min
Response: 1347096
Conc: 10.57 ug/ml

Instrument :
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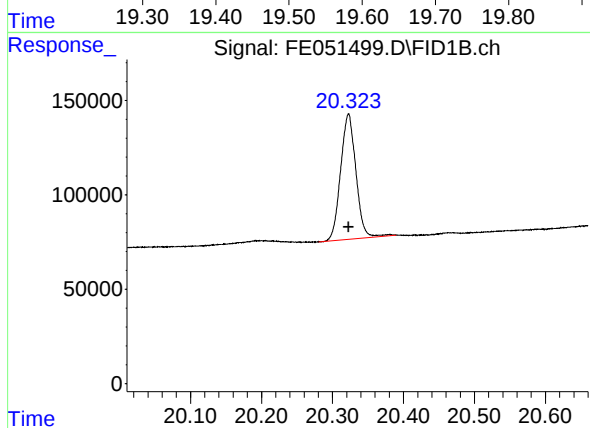
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: 0.000 min
Response: 1294097
Conc: 10.55 ug/ml



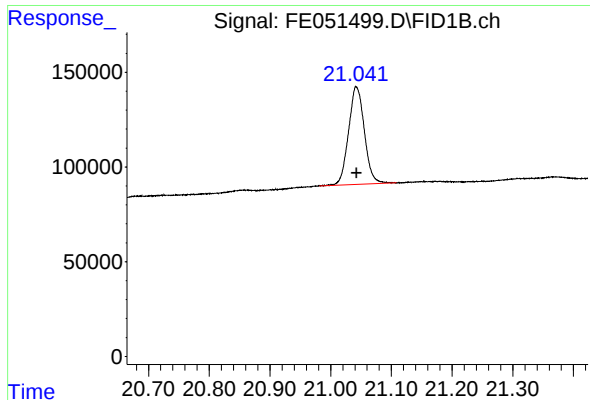
#19 n-Tetratriacontane (C34)

R.T.: 19.582 min
Delta R.T.: 0.000 min
Response: 1233626
Conc: 11.06 ug/ml



#20 n-Hexatriacontane (C36)

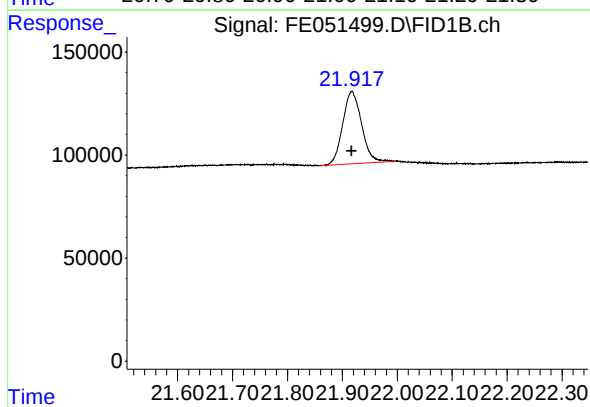
R.T.: 20.322 min
Delta R.T.: 0.000 min
Response: 997407
Conc: 10.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: 0.000 min
Response: 934712
Conc: 10.27 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: 0.000 min
Response: 834954
Conc: 9.62 ug/ml