

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054512.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 09:22
 Operator : YP\AJ
 Sample : Q2354-01DL 250X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3321DL

Integration File: autoint1.e
 Quant Time: Jun 20 23:22:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.818	200846	1.216 ug/ml
Spiked Amount 50.000		Recovery =	2.43%
12) S 1-chlorooctadecane (S...	13.256	6542137	53.647 ug/ml
Spiked Amount 50.000		Recovery =	107.29%
Target Compounds			
1) T n-Nonane (C9)	3.174	127352	1.026 ug/ml
2) T n-Decane (C10)	4.435	352630	2.838 ug/ml
3) T A~Naphthalene (C11.7)	6.173	247705	1.833 ug/ml
4) T n-Dodecane (C12)	6.617	835710	6.563 ug/ml
5) T A~2-methylnaphthalene...	7.255	400304	3.022 ug/ml
6) T n-Tetradecane (C14)	8.451	1291982	9.979 ug/ml
7) T n-Hexadecane (C16)	10.063	874676	6.584 ug/ml
8) T n-Octadecane (C18)	11.509	779913	5.776 ug/ml
10) T n-Eicosane (C20)	12.822	564156	4.217 ug/ml
11) T n-Heneicosane (C21)	13.436	352503	2.651 ug/ml
13) T n-Docosane (C22)	14.023	224490	1.712 ug/ml
14) T n-Tetracosane (C24)	15.129	78441	0.608 ug/ml
15) T n-Hexacosane (C26)	16.152	21278	0.170 ug/ml
17) T n-Tricontane (C30)	17.993	30255	0.244 ug/ml
18) T n-Dotriacontane (C32)	18.825	57418	0.457 ug/ml
19) T n-Tetratriacontane (C34)	19.611	44780	0.360 ug/ml
20) T n-Hexatriacontane (C36)	20.356	90945	0.706 ug/ml

(f)=RT Delta > 1/2 Window

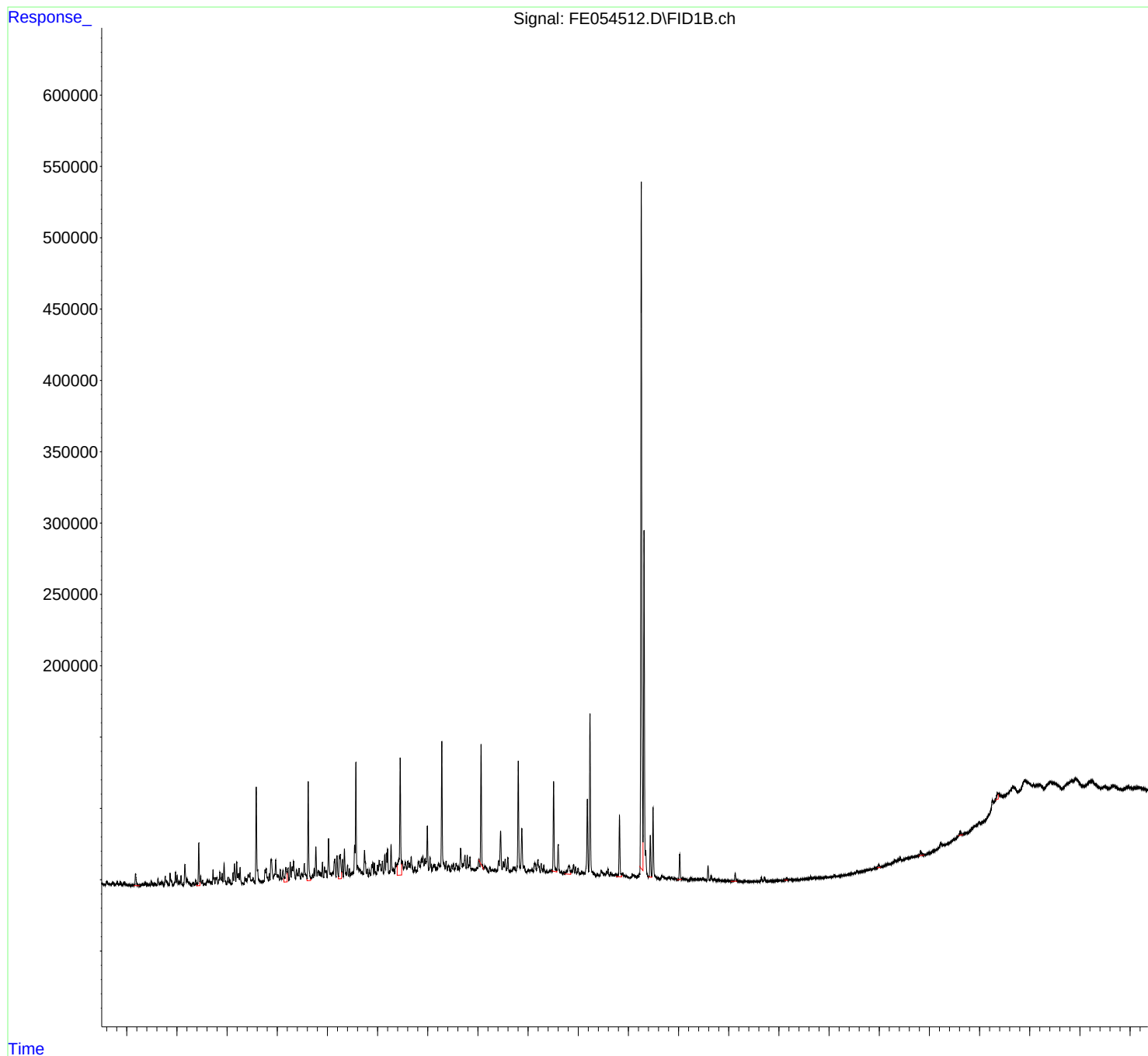
(m)=manual int.

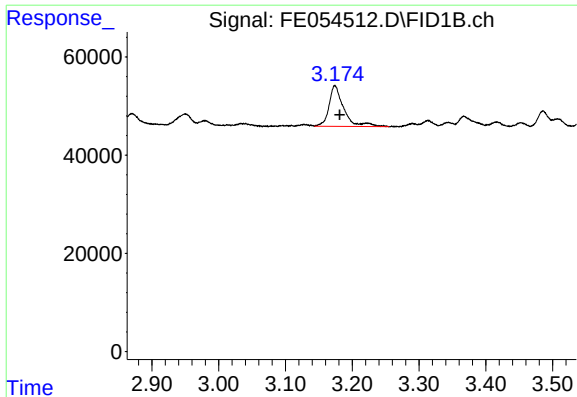
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
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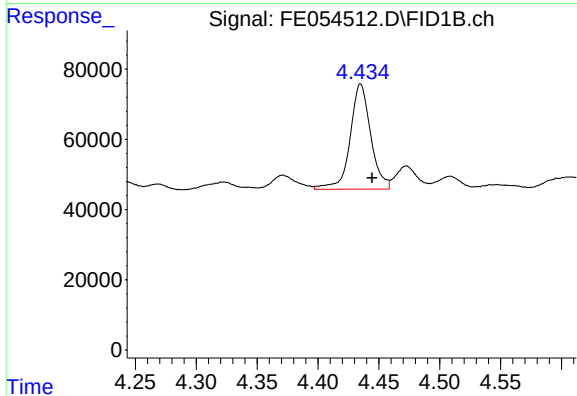




#1 n-Nonane (C9)

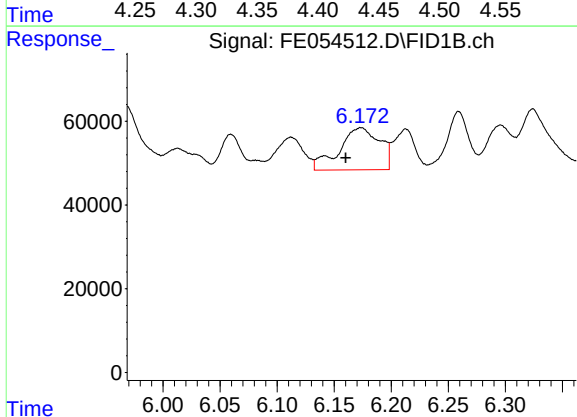
R.T.: 3.174 min
Delta R.T.: -0.007 min
Response: 127352
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :
3321DL



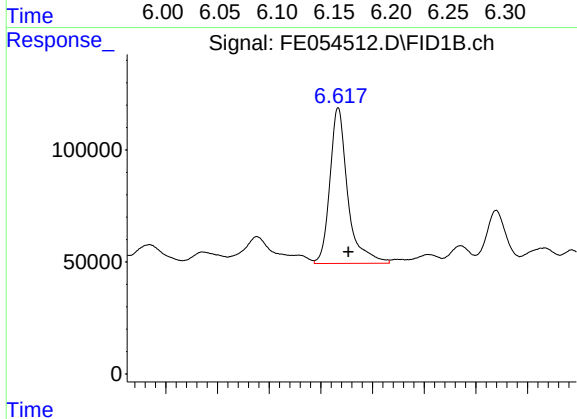
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.009 min
Response: 352630
Conc: 2.84 ug/ml



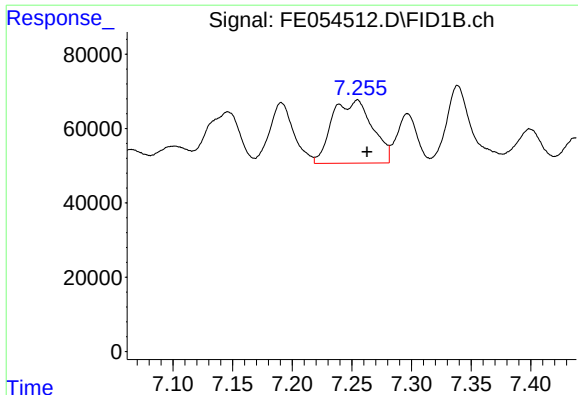
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: 0.013 min
Response: 247705
Conc: 1.83 ug/ml



#4 n-Dodecane (C12)

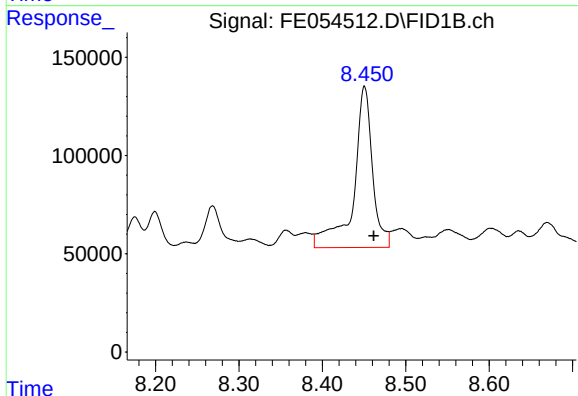
R.T.: 6.617 min
Delta R.T.: -0.010 min
Response: 835710
Conc: 6.56 ug/ml



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

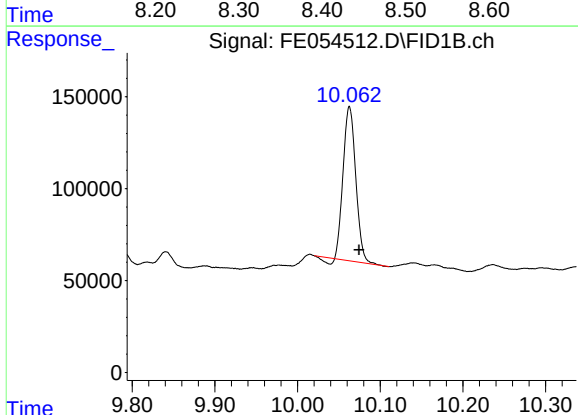
R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 400304
Conc: 3.02 ug/ml

Instrument :
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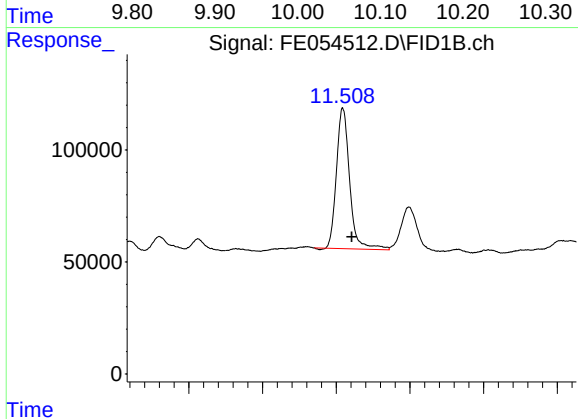
#6 n-Tetradecane (C14)

R.T.: 8.451 min
Delta R.T.: -0.011 min
Response: 1291982
Conc: 9.98 ug/ml



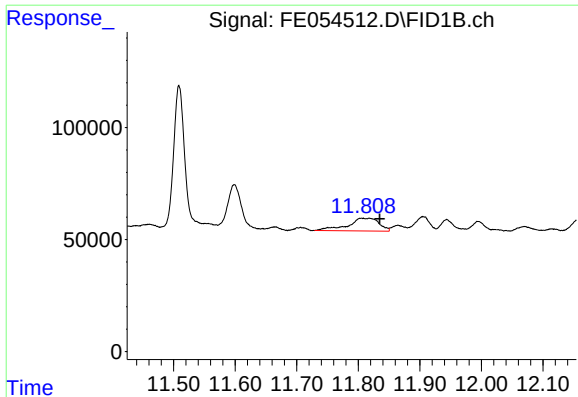
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.012 min
Response: 874676
Conc: 6.58 ug/ml



#8 n-Octadecane (C18)

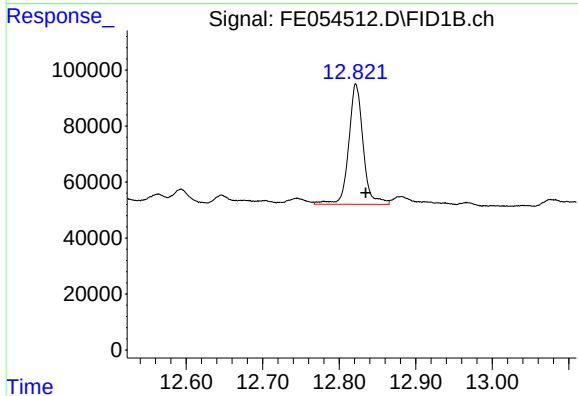
R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 779913
Conc: 5.78 ug/ml



#9 ortho-Terphenyl (SURR)

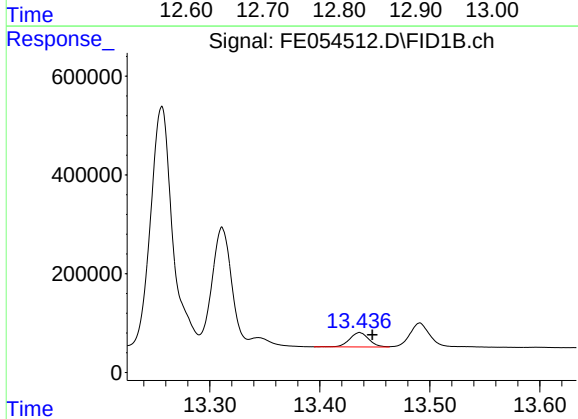
R.T.: 11.818 min
Delta R.T.: -0.017 min
Response: 200846
Conc: 1.22 ug/ml

Instrument :
FID_E
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3321DL



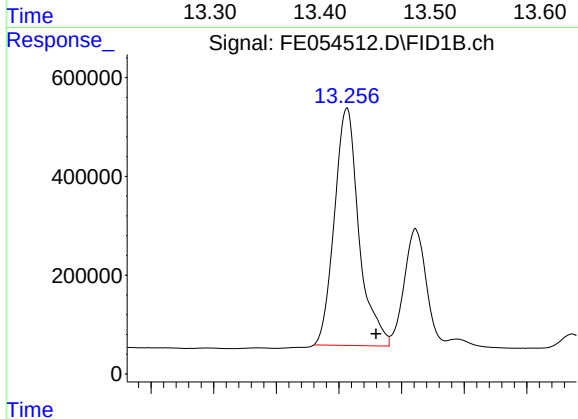
#10 n-Eicosane (C20)

R.T.: 12.822 min
Delta R.T.: -0.013 min
Response: 564156
Conc: 4.22 ug/ml



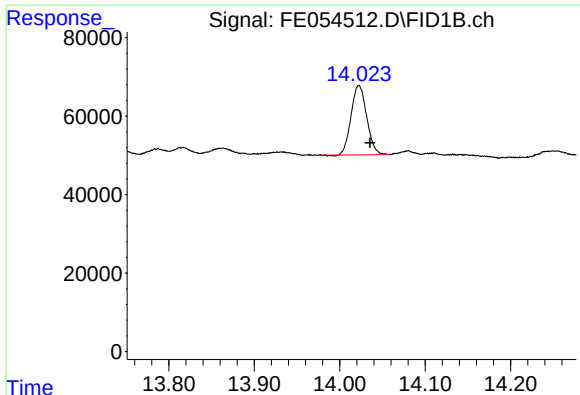
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 352503
Conc: 2.65 ug/ml



#12 1-chlorooctadecane (SURR)

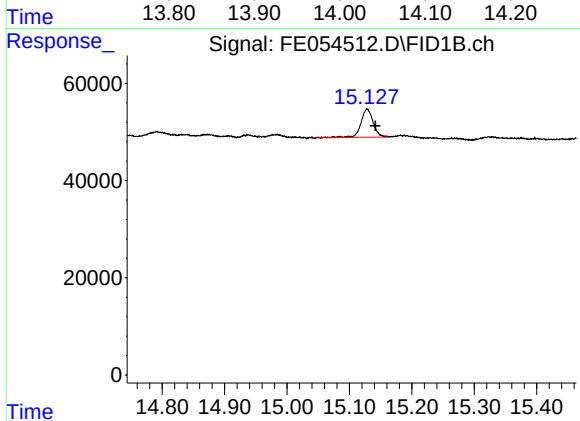
R.T.: 13.256 min
Delta R.T.: -0.023 min
Response: 6542137
Conc: 53.65 ug/ml



#13 n-Docosane (C22)

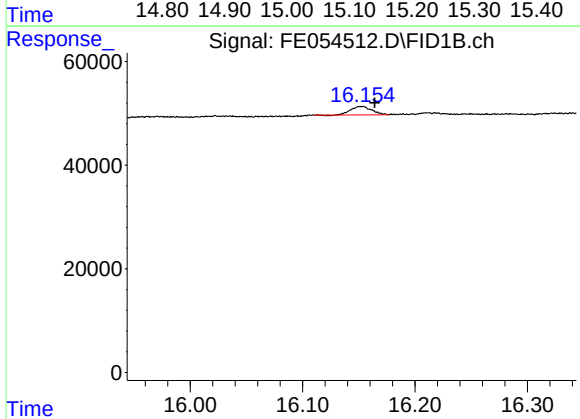
R.T.: 14.023 min
Delta R.T.: -0.013 min
Response: 224490
Conc: 1.71 ug/ml

Instrument :
FID_E
ClientSampleId :
3321DL



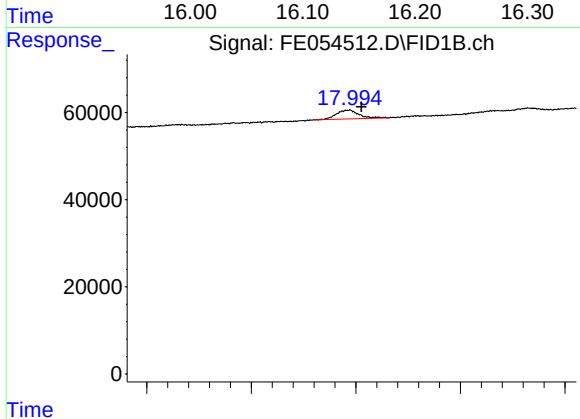
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.013 min
Response: 78441
Conc: 0.61 ug/ml



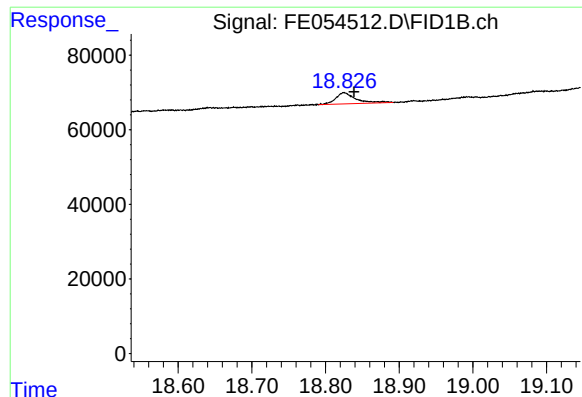
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 21278
Conc: 0.17 ug/ml



#17 n-Tricontane (C30)

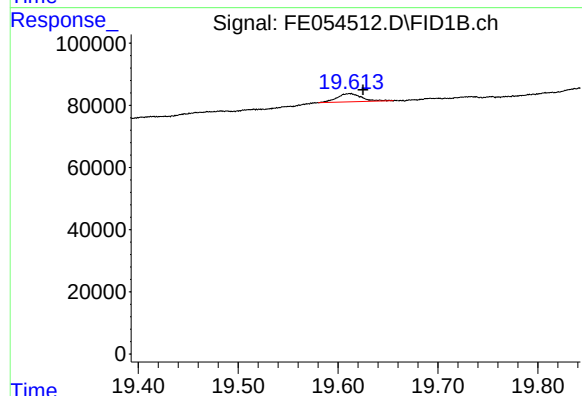
R.T.: 17.993 min
Delta R.T.: -0.013 min
Response: 30255
Conc: 0.24 ug/ml



#18 n-Dotriacontane (C32)

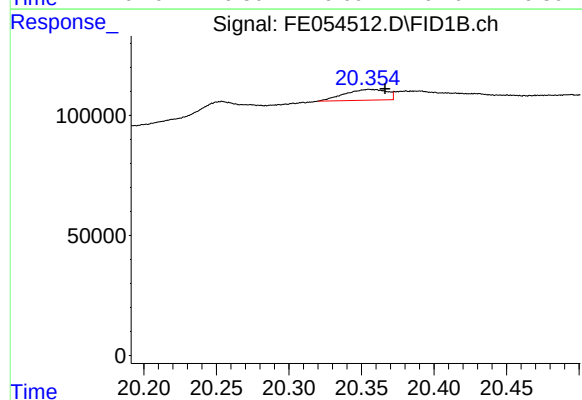
R.T.: 18.825 min
Delta R.T.: -0.014 min
Response: 57418
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :
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#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.014 min
Response: 44780
Conc: 0.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.356 min
Delta R.T.: -0.010 min
Response: 90945
Conc: 0.71 ug/ml