

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061925AL\
 Data File : FE054501.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2025 17:58
 Operator : YP\AJ
 Sample : Q2354-01 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3321

Integration File: autoint1.e
 Quant Time: Jun 20 02:13:32 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)	11.825	4121635	24.944 ug/ml
Spiked Amount 50.000		Recovery =	49.89%
12) S 1-chlorooctadecane (S...)	13.312	147988184	1213.529 ug/ml
Spiked Amount 50.000		Recovery =	2427.06%
Target Compounds			
1) T n-Nonane (C9)	3.173	2777648	22.368 ug/ml
2) T n-Decane (C10)	4.439	8340475	67.125 ug/ml
3) T A~Naphthalene (C11.7)	6.183	5776622	42.745 ug/ml
4) T n-Dodecane (C12)	6.629	18793172	147.591 ug/ml
5) T A~2-methylnaphthalene...	7.260	9781185	73.846 ug/ml
6) T n-Tetradecane (C14)	8.469	22409361	173.093 ug/ml
7) T n-Hexadecane (C16)	10.082	19561694	147.259 ug/ml
8) T n-Octadecane (C18)	11.527	16328024	120.919 ug/ml
10) T n-Eicosane (C20)	12.836	11850883	88.587 ug/ml
11) T n-Heneicosane (C21)	13.456	7910178	59.489 ug/ml
13) T n-Docosane (C22)	14.033	5134752	39.160 ug/ml
14) T n-Tetracosane (C24)	15.133	1873440	14.523 ug/ml
15) T n-Hexacosane (C26)	16.154	370570	2.952 ug/ml
16) T n-Octacosane (C28)	17.105	80701	0.658 ug/ml
17) T n-Tricontane (C30)	17.994	50514	0.408 ug/ml
18) T n-Dotriacontane (C32)	18.829	109021	0.868 ug/ml
19) T n-Tetratriacontane (C34)	19.615	46061	0.370 ug/ml

(f)=RT Delta > 1/2 Window

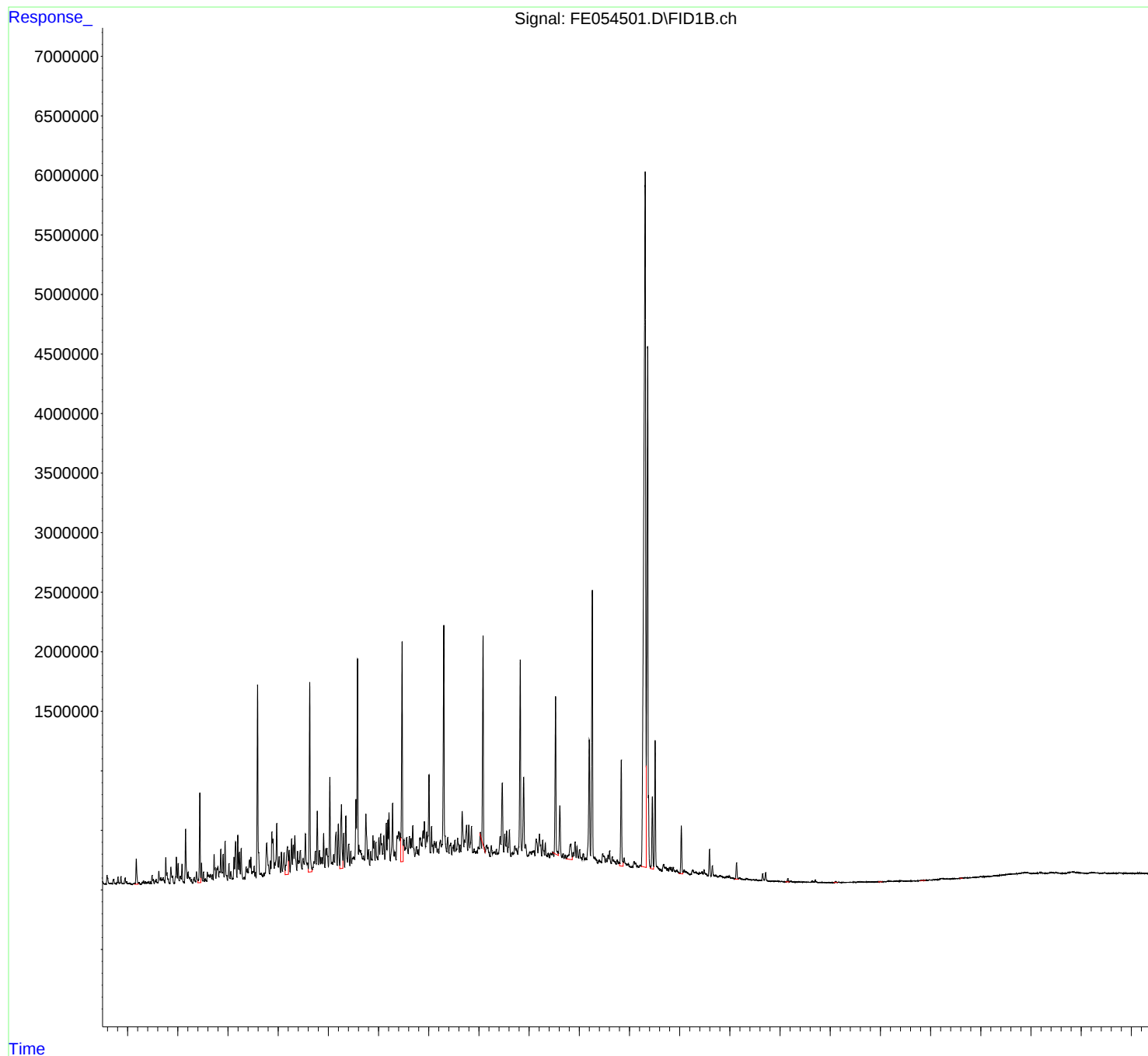
(m)=manual int.

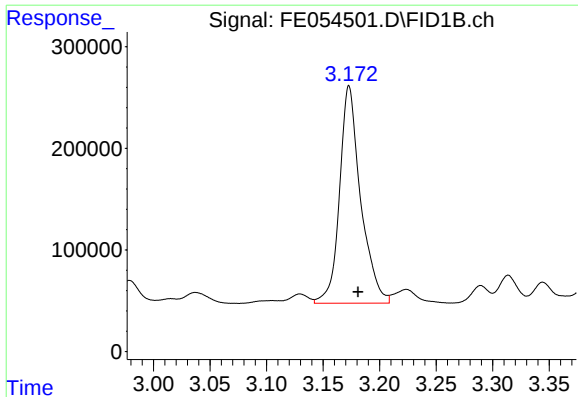
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061925AL\
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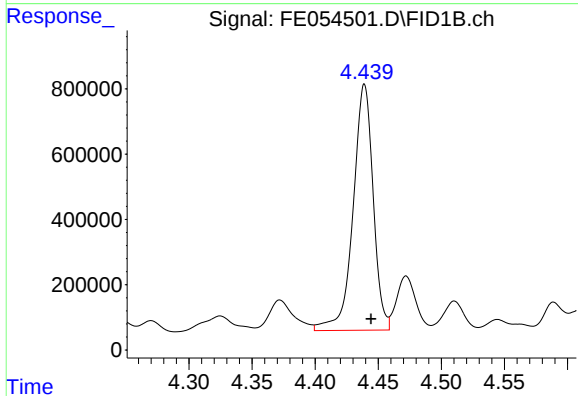




#1 n-Nonane (C9)

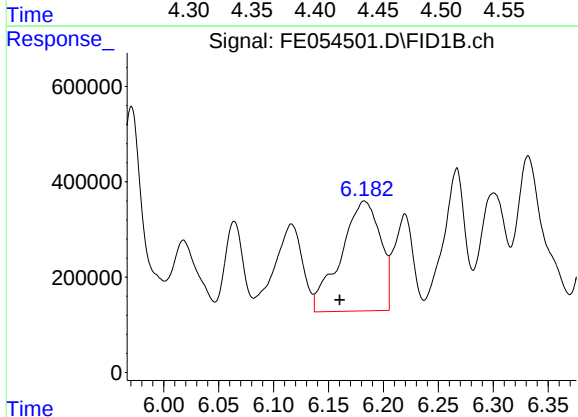
R.T.: 3.173 min
Delta R.T.: -0.008 min
Response: 2777648
Conc: 22.37 ug/ml

Instrument :
FID_E
ClientSampleId :
3321



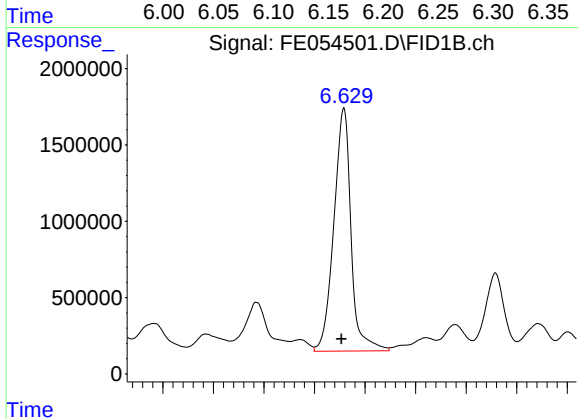
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 8340475
Conc: 67.12 ug/ml



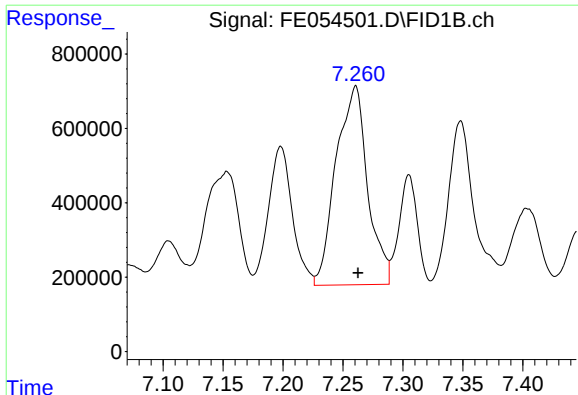
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.023 min
Response: 5776622
Conc: 42.75 ug/ml



#4 n-Dodecane (C12)

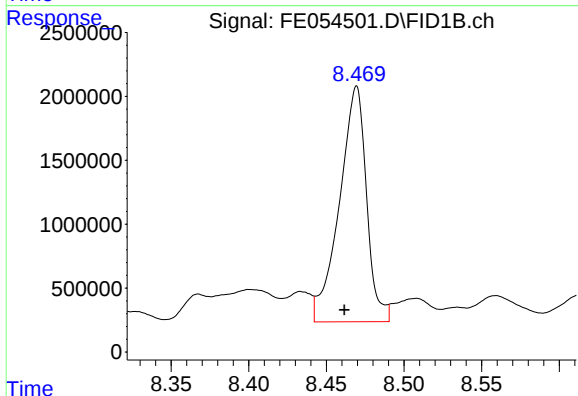
R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 18793172
Conc: 147.59 ug/ml



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

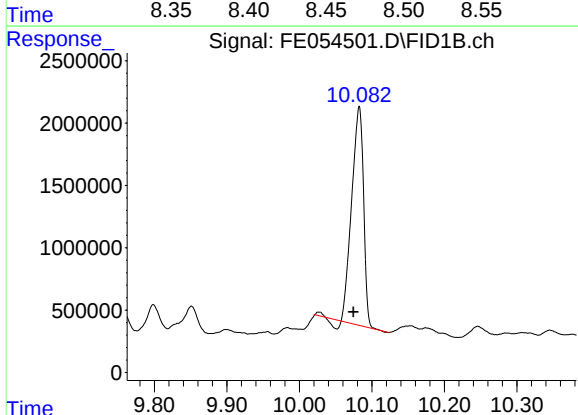
R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 9781185
Conc: 73.85 ug/ml

Instrument :
FID_E
ClientSampleId :
3321



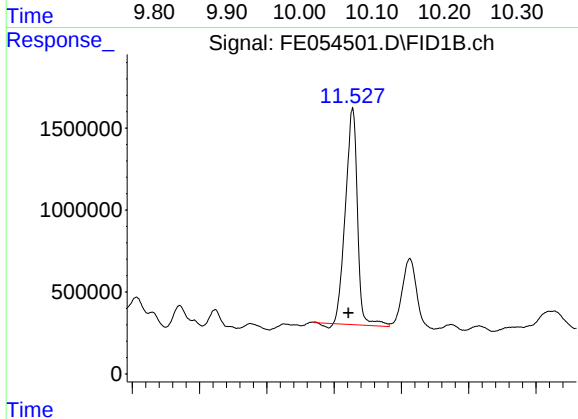
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: 0.007 min
Response: 22409361
Conc: 173.09 ug/ml



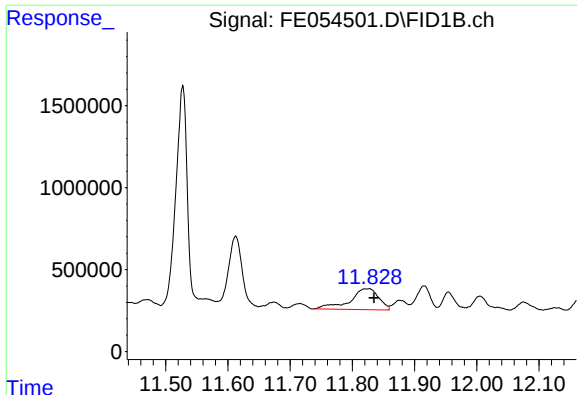
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: 0.008 min
Response: 19561694
Conc: 147.26 ug/ml



#8 n-Octadecane (C18)

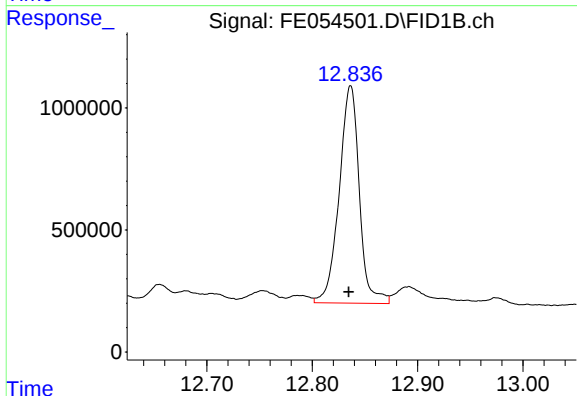
R.T.: 11.527 min
Delta R.T.: 0.006 min
Response: 16328024
Conc: 120.92 ug/ml



#9 ortho-Terphenyl (SURR)

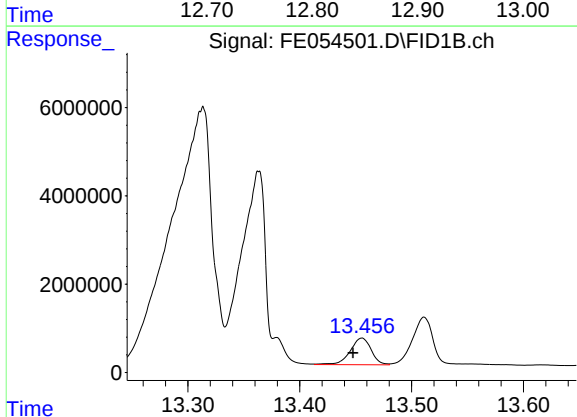
R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 4121635
Conc: 24.94 ug/ml

Instrument :
FID_E
ClientSampleId :
3321



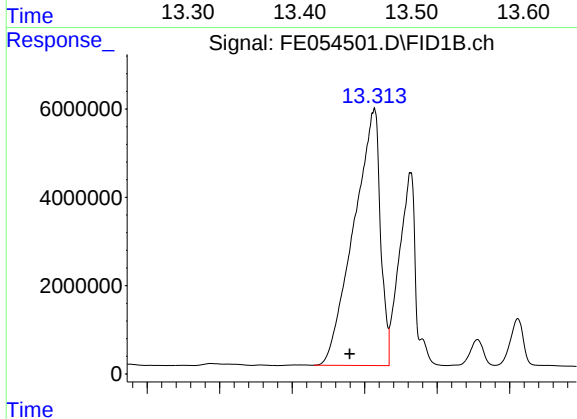
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: 0.002 min
Response: 11850883
Conc: 88.59 ug/ml



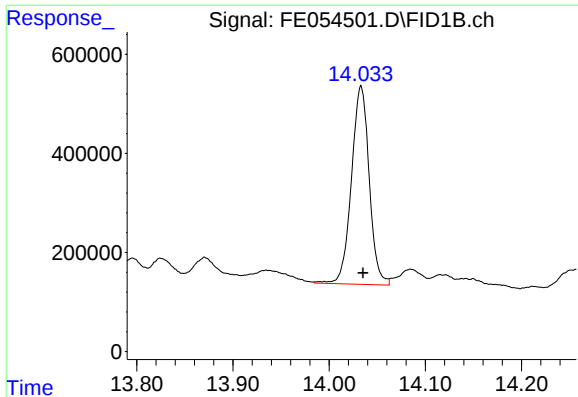
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: 0.008 min
Response: 7910178
Conc: 59.49 ug/ml



#12 1-chlorooctadecane (SURR)

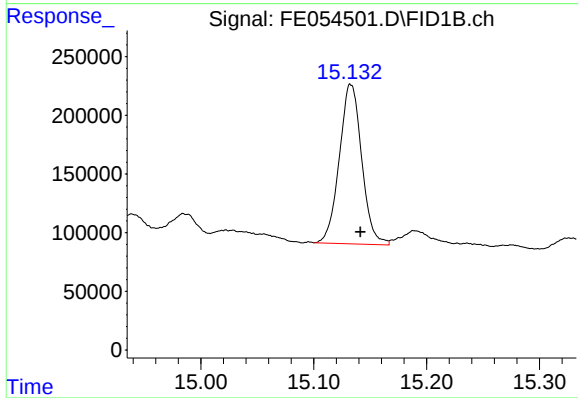
R.T.: 13.312 min
Delta R.T.: 0.033 min
Response: 147988184
Conc: 1213.53 ug/ml



#13 n-Docosane (C22)

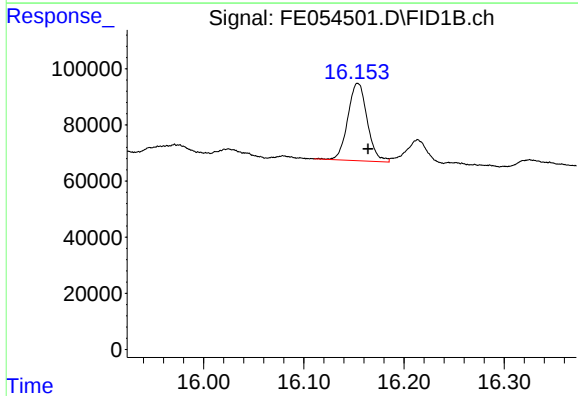
R.T.: 14.033 min
Delta R.T.: -0.002 min
Response: 5134752
Conc: 39.16 ug/ml

Instrument :
FID_E
ClientSampleId :
3321



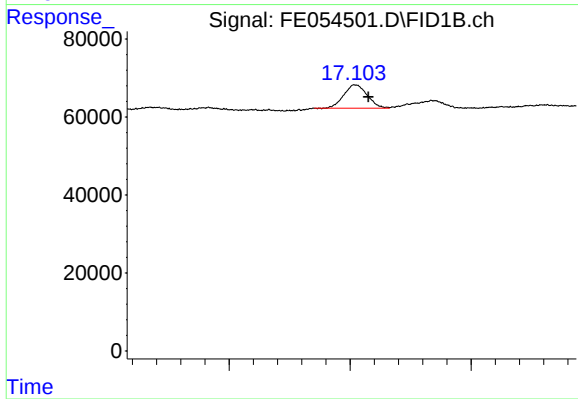
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.008 min
Response: 1873440
Conc: 14.52 ug/ml



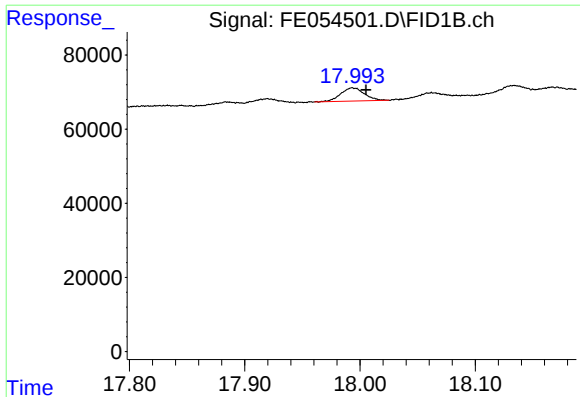
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 370570
Conc: 2.95 ug/ml



#16 n-Octacosane (C28)

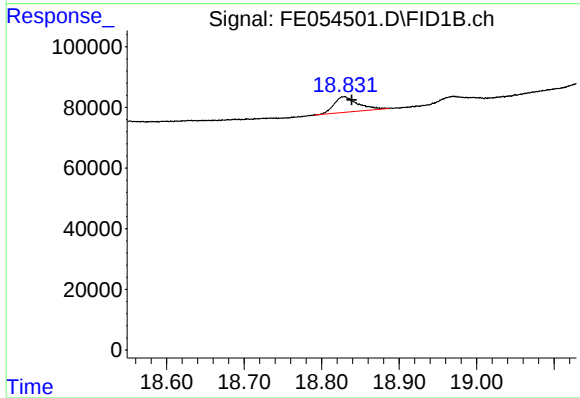
R.T.: 17.105 min
Delta R.T.: -0.011 min
Response: 80701
Conc: 0.66 ug/ml



#17 n-Tricontane (C30)

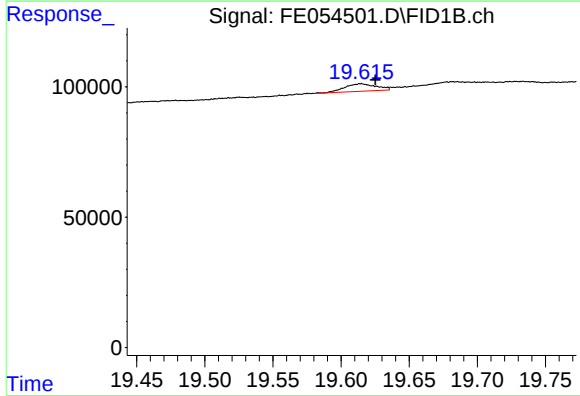
R.T.: 17.994 min
Delta R.T.: -0.011 min
Response: 50514
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :
3321



#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.010 min
Response: 109021
Conc: 0.87 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.010 min
Response: 46061
Conc: 0.37 ug/ml