

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054344.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 17:12
 Operator : YP\AJ
 Sample : Q2286-02DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0082-LAW-250083-E2DL

Integration File: autoint1.e
 Quant Time: Jun 13 01:18:25 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)	11.832	5959625	36.067 ug/ml
Spiked Amount 50.000		Recovery =	72.13%
12) S 1-chlorooctadecane (S...	13.289	1740686	14.274 ug/ml
Spiked Amount 50.000		Recovery =	28.55%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.153	5184144	38.361 ug/ml
4) T n-Dodecane (C12)	6.650	93679	0.736 ug/ml
5) T A~2-methylnaphthalene...	7.256	2981183	22.507 ug/ml
6) T n-Tetradecane (C14)	8.456	538413	4.159 ug/ml
7) T n-Hexadecane (C16)	10.084	2531830	19.059 ug/ml
8) T n-Octadecane (C18)	11.512	723975	5.361 ug/ml
10) T n-Eicosane (C20)	12.825	5847931	43.714 ug/ml
11) T n-Heneicosane (C21)	13.472	1592733	11.978 ug/ml
13) T n-Docosane (C22)	14.046	481172	3.670 ug/ml
14) T n-Tetracosane (C24)	15.138	656336	5.088 ug/ml
15) T n-Hexacosane (C26)	16.161	67956	0.541 ug/ml
16) T n-Octacosane (C28)	17.111	164059	1.338 ug/ml
17) T n-Tricontane (C30)	17.992	43091	0.348 ug/ml
18) T n-Dotriacontane (C32)	18.826	54524	0.434 ug/ml
19) T n-Tetratriacontane (C34)	19.647	273163	2.196 ug/ml

(f)=RT Delta > 1/2 Window

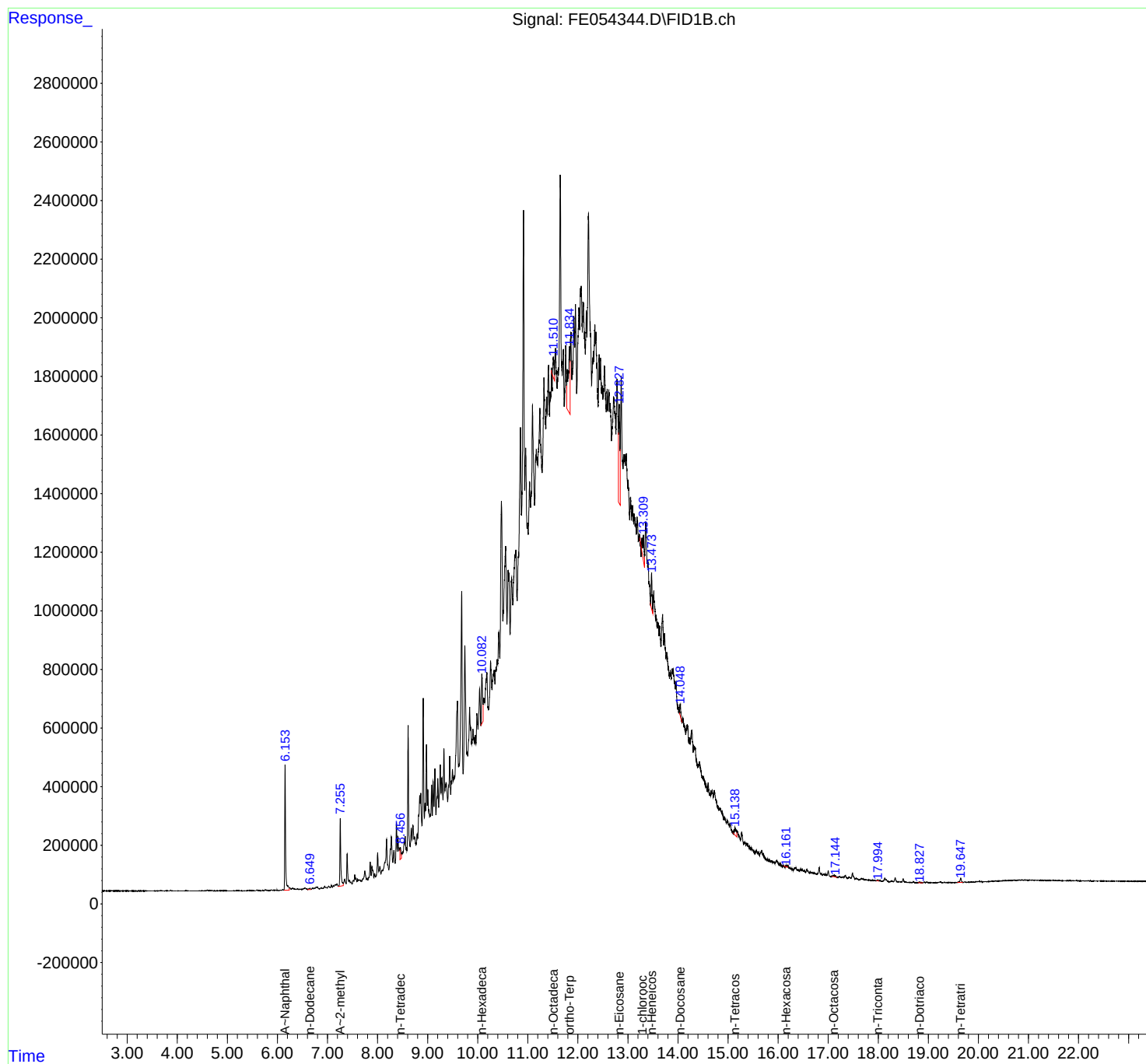
(m)=manual int.

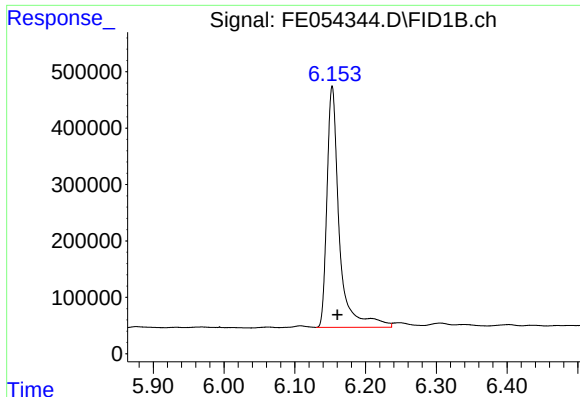
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
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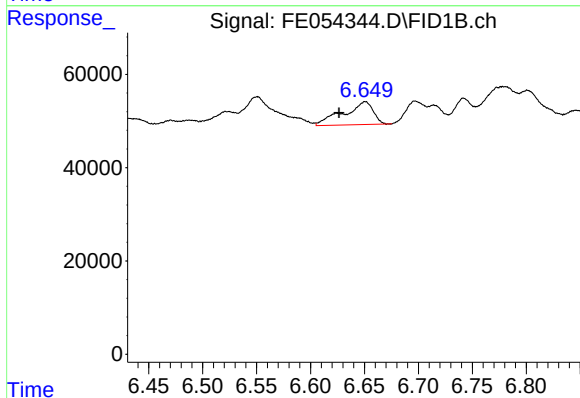




#3 A~Naphthalene (C11.7)

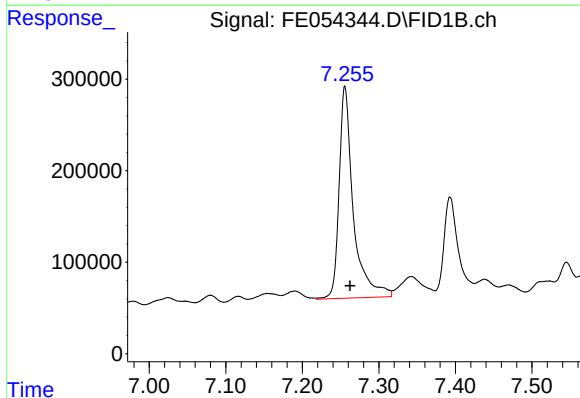
R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 5184144
Conc: 38.36 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0082-LAW-250083-E2DL



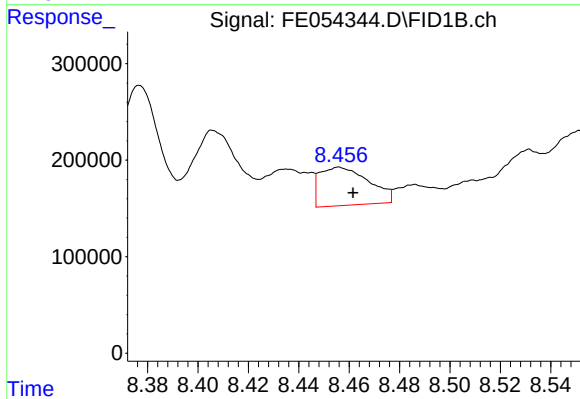
#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: 0.024 min
Response: 93679
Conc: 0.74 ug/ml



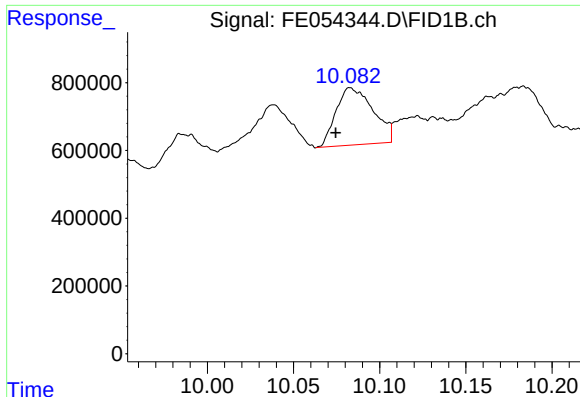
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min
Delta R.T.: -0.007 min
Response: 2981183
Conc: 22.51 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 538413
Conc: 4.16 ug/ml



#7 n-Hexadecane (C16)

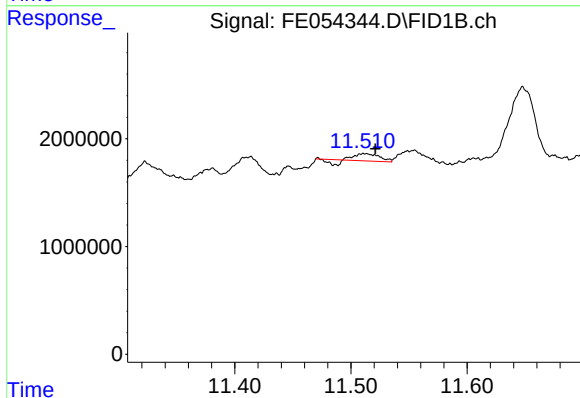
R.T.: 10.084 min
Delta R.T.: 0.009 min
Response: 2531830
Conc: 19.06 ug/ml

Instrument :

FID_E

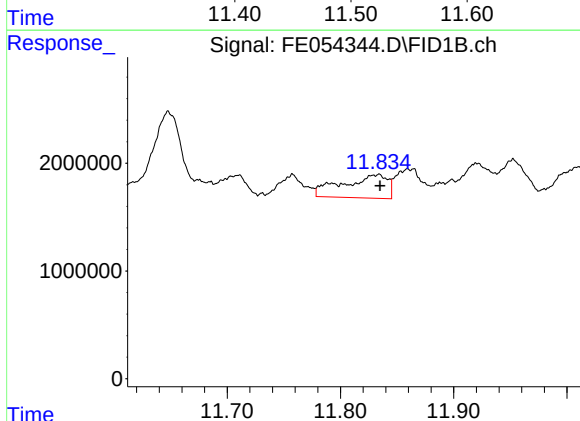
ClientSampleId :

LAW-25-0082-LAW-250083-E2DL



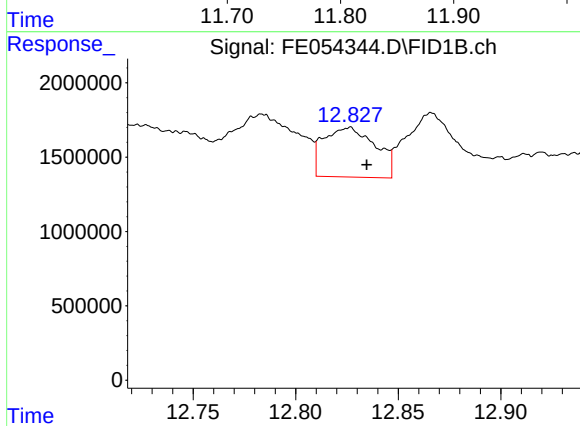
#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: -0.009 min
Response: 723975
Conc: 5.36 ug/ml



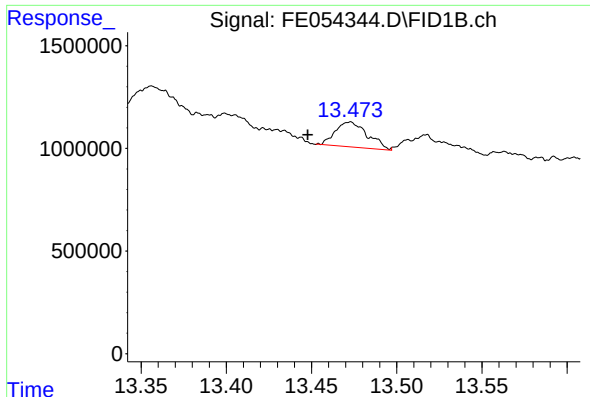
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.003 min
Response: 5959625
Conc: 36.07 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.009 min
Response: 5847931
Conc: 43.71 ug/ml



#11 n-Heneicosane (C21)

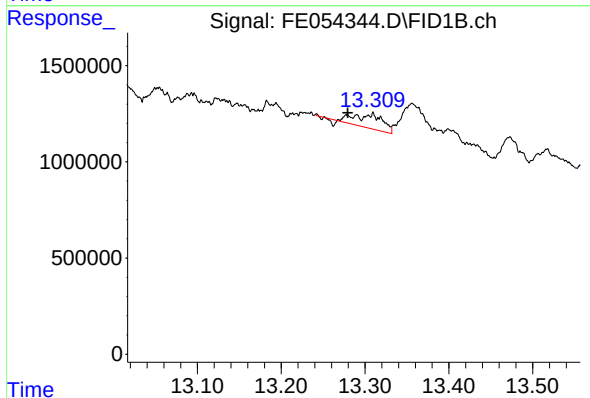
R.T.: 13.472 min
Delta R.T.: 0.025 min
Response: 1592733
Conc: 11.98 ug/ml

Instrument :

FID_E

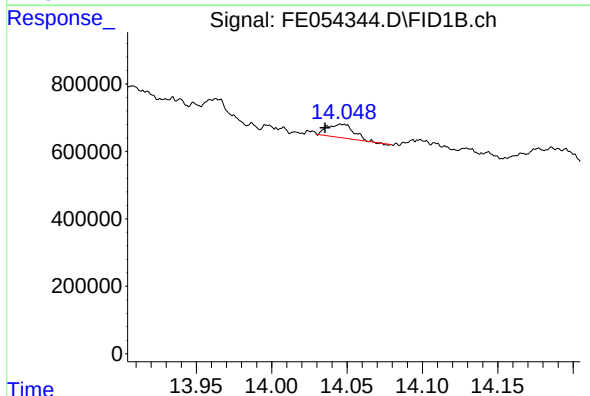
ClientSampleId :

LAW-25-0082-LAW-250083-E2DL



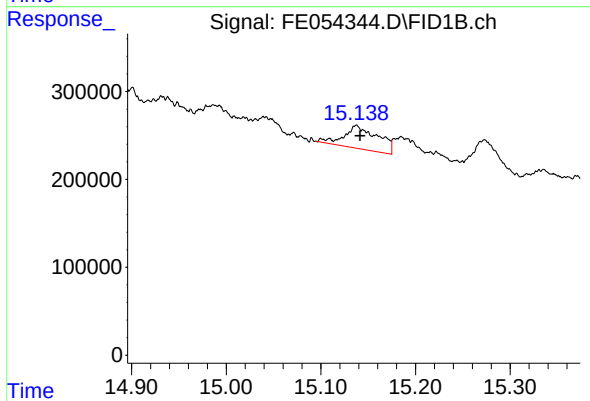
#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: 0.010 min
Response: 1740686
Conc: 14.27 ug/ml



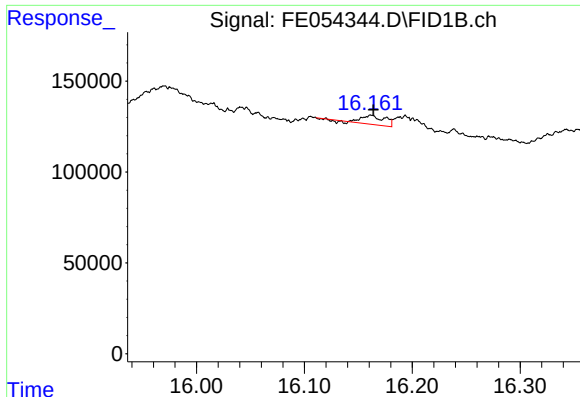
#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: 0.011 min
Response: 481172
Conc: 3.67 ug/ml



#14 n-Tetracosane (C24)

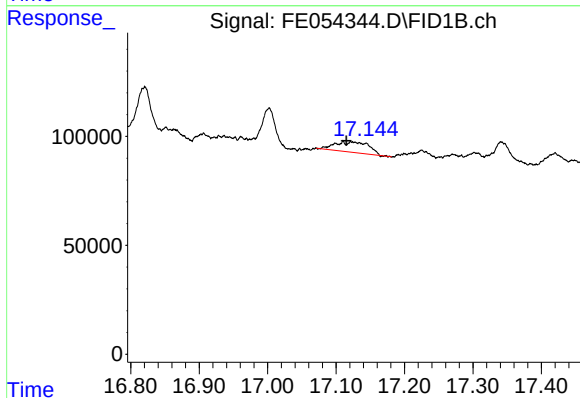
R.T.: 15.138 min
Delta R.T.: -0.004 min
Response: 656336
Conc: 5.09 ug/ml



#15 n-Hexacosane (C26)

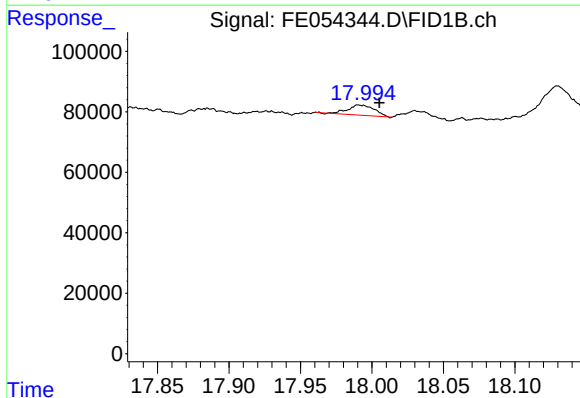
R.T.: 16.161 min
Delta R.T.: -0.003 min
Response: 67956
Conc: 0.54 ug/ml

Instrument :
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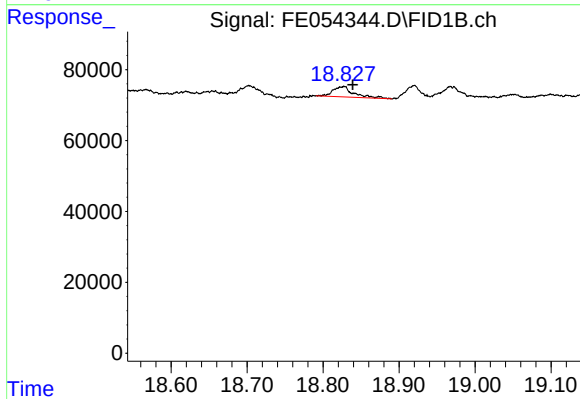
#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.005 min
Response: 164059
Conc: 1.34 ug/ml



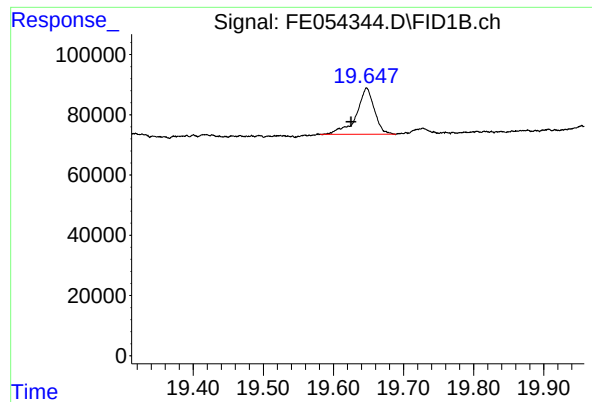
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.013 min
Response: 43091
Conc: 0.35 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.013 min
Response: 54524
Conc: 0.43 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.022 min
Response: 273163
Conc: 2.20 ug/ml

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