

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054329.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 09:08
 Operator : YP\AJ
 Sample : Q2278-02DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2-EPHDL

Integration File: autoint1.e
 Quant Time: Jun 13 01:13:29 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)	11.829	3220066	19.488 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	13.274	2564850	21.032 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
2) T n-Decane (C10)	4.441	21094	0.170 ug/ml
4) T n-Dodecane (C12)	6.623	22054	0.173 ug/ml
6) T n-Tetradecane (C14)	8.456	56037	0.433 ug/ml
7) T n-Hexadecane (C16)	10.068	51209	0.385 ug/ml
8) T n-Octadecane (C18)	11.514	66192	0.490 ug/ml
10) T n-Eicosane (C20)	12.826	119299	0.892 ug/ml
11) T n-Heneicosane (C21)	13.440	75562	0.568 ug/ml
13) T n-Docosane (C22)	14.028	96692	0.737 ug/ml
14) T n-Tetracosane (C24)	15.133	329427	2.554 ug/ml
15) T n-Hexacosane (C26)	16.157	159414	1.270 ug/ml
16) T n-Octacosane (C28)	17.109	163982	1.337 ug/ml
17) T n-Tricontane (C30)	17.996	193619	1.562 ug/ml
18) T n-Dotriacontane (C32)	18.831	230734	1.836 ug/ml
19) T n-Tetratriacontane (C34)	19.618	244100	1.962 ug/ml
20) T n-Hexatriacontane (C36)	20.359	166325	1.292 ug/ml
21) T n-Octatriacontane (C38)	21.083	105558	0.799 ug/ml
22) T n-Tetracontane (C40)	21.972	64355	0.478 ug/ml

(f)=RT Delta > 1/2 Window

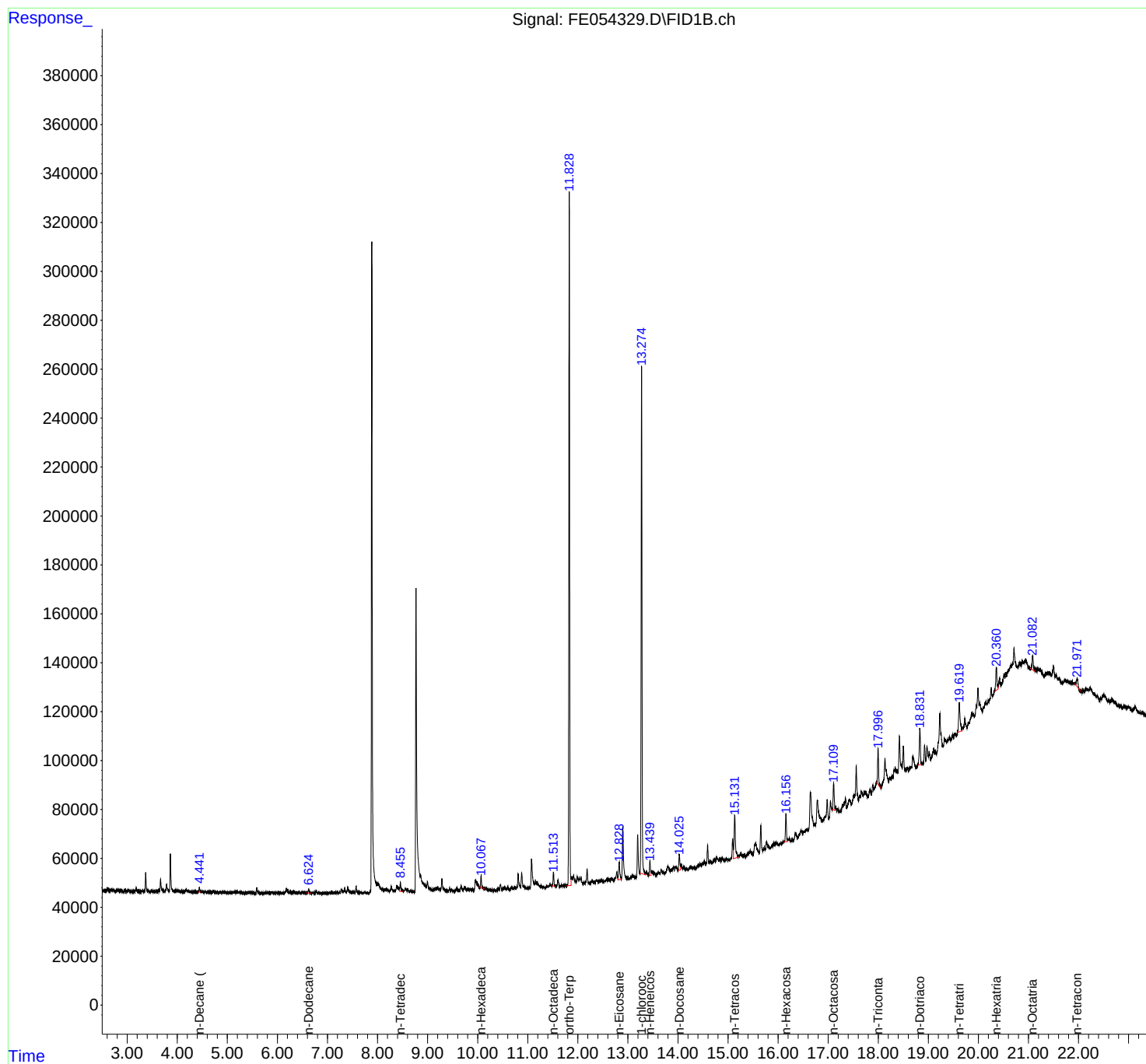
(m)=manual int.

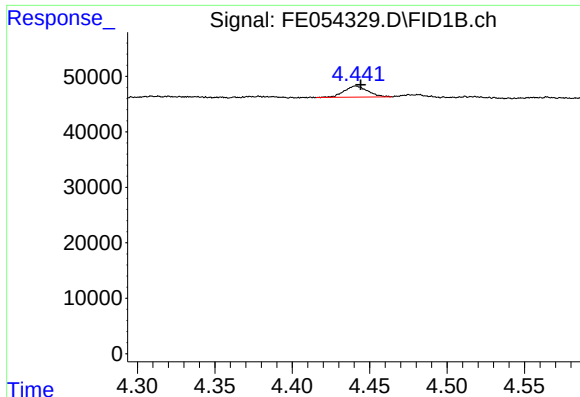
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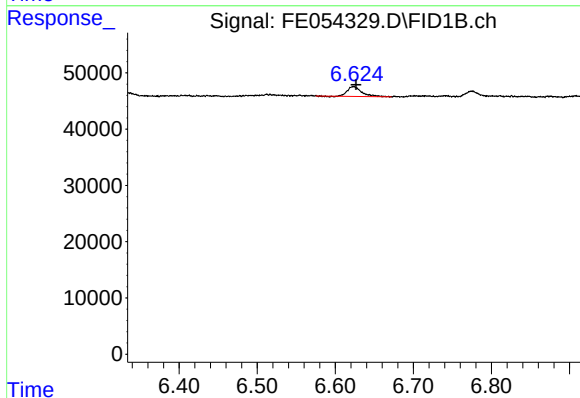




#2 n-Decane (C10)

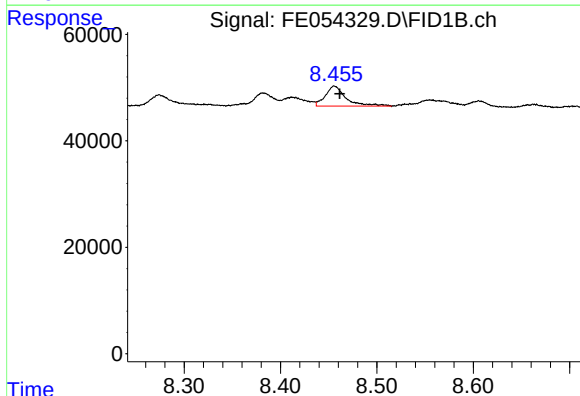
R.T.: 4.441 min
Delta R.T.: -0.003 min
Response: 21094
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPHDL



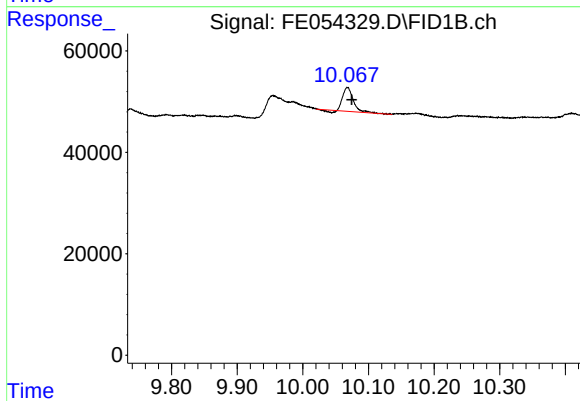
#4 n-Dodecane (C12)

R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 22054
Conc: 0.17 ug/ml



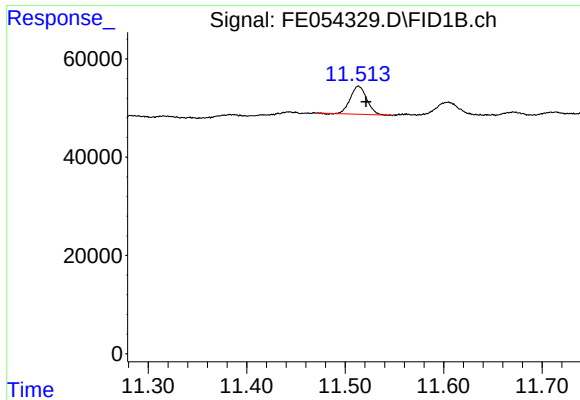
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 56037
Conc: 0.43 ug/ml



#7 n-Hexadecane (C16)

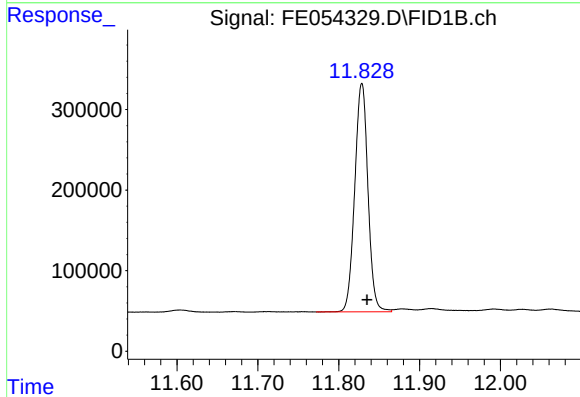
R.T.: 10.068 min
Delta R.T.: -0.007 min
Response: 51209
Conc: 0.39 ug/ml



#8 n-Octadecane (C18)

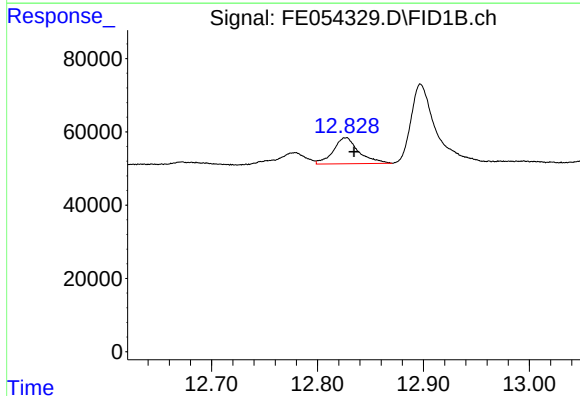
R.T.: 11.514 min
Delta R.T.: -0.007 min
Response: 66192
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :
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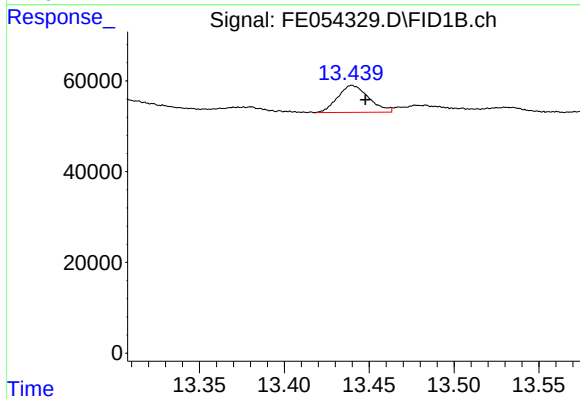
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.006 min
Response: 3220066
Conc: 19.49 ug/ml



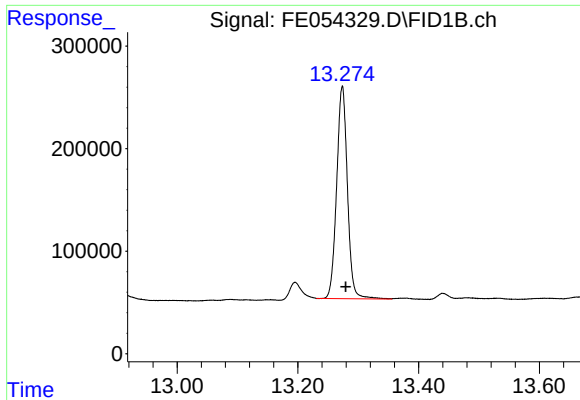
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.008 min
Response: 119299
Conc: 0.89 ug/ml



#11 n-Heneicosane (C21)

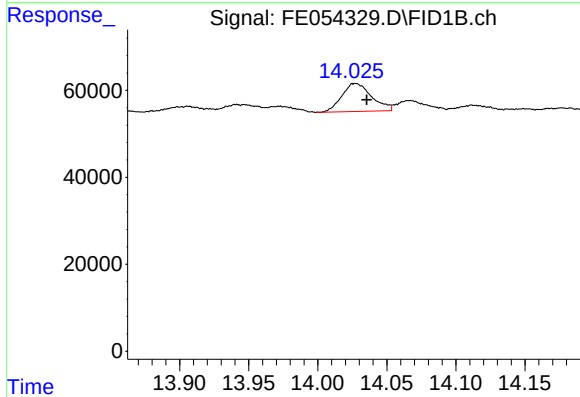
R.T.: 13.440 min
Delta R.T.: -0.007 min
Response: 75562
Conc: 0.57 ug/ml



#12 1-chlorooctadecane (SURR)

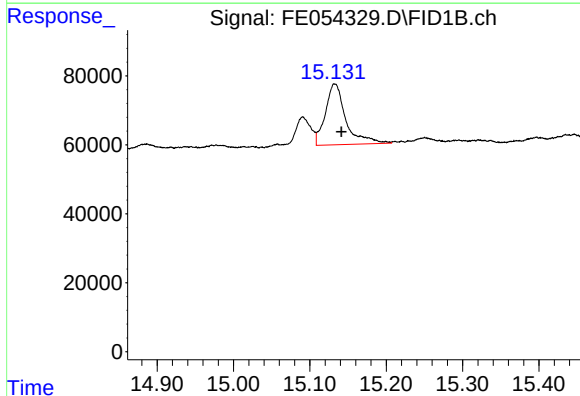
R.T.: 13.274 min
Delta R.T.: -0.006 min
Response: 2564850
Conc: 21.03 ug/ml

Instrument :
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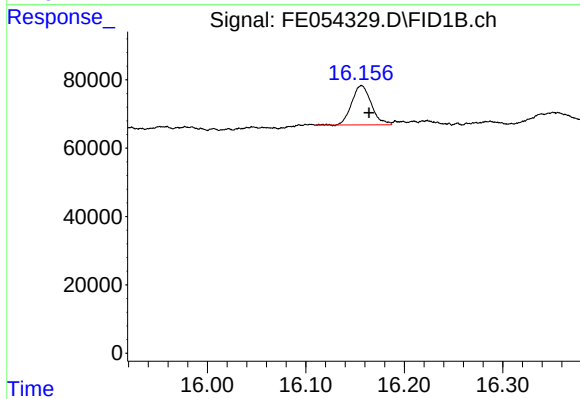
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.008 min
Response: 96692
Conc: 0.74 ug/ml



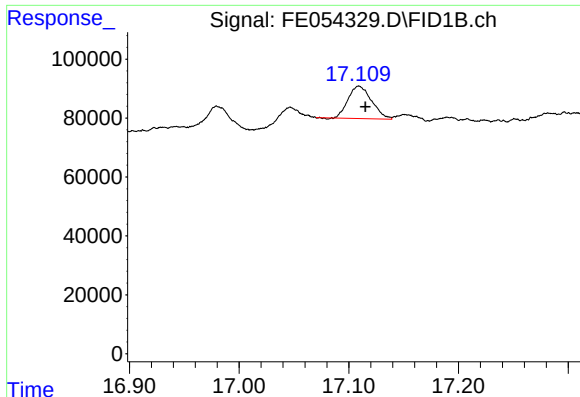
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.009 min
Response: 329427
Conc: 2.55 ug/ml



#15 n-Hexacosane (C26)

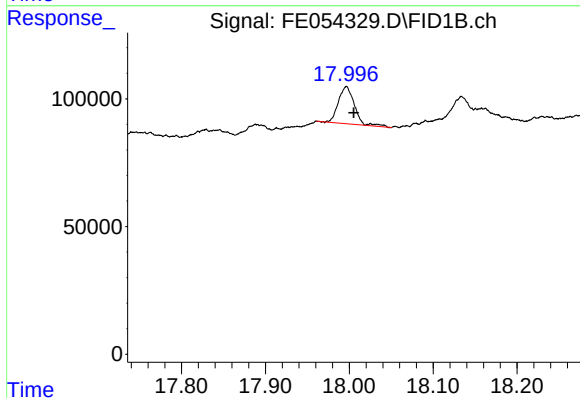
R.T.: 16.157 min
Delta R.T.: -0.008 min
Response: 159414
Conc: 1.27 ug/ml



#16 n-Octacosane (C28)

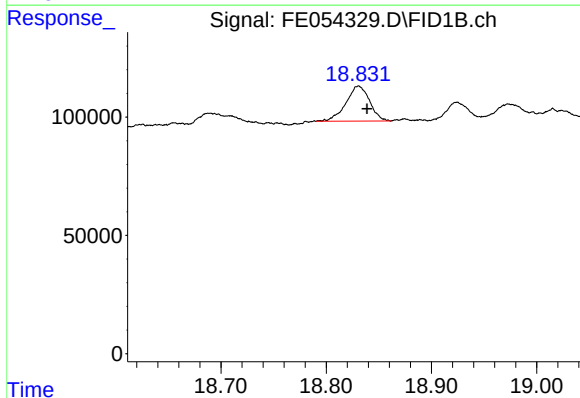
R.T.: 17.109 min
Delta R.T.: -0.006 min
Response: 163982
Conc: 1.34 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPHDL



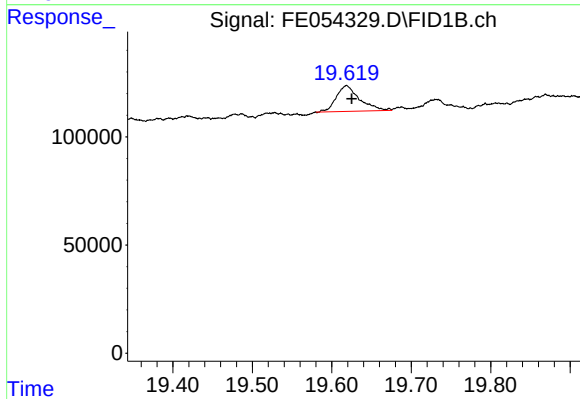
#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.009 min
Response: 193619
Conc: 1.56 ug/ml



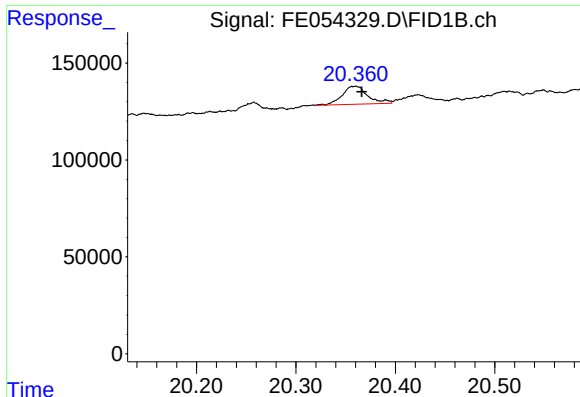
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.008 min
Response: 230734
Conc: 1.84 ug/ml



#19 n-Tetratriacontane (C34)

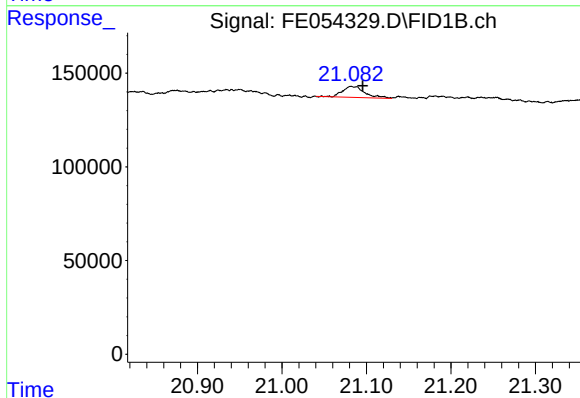
R.T.: 19.618 min
Delta R.T.: -0.007 min
Response: 244100
Conc: 1.96 ug/ml



#20 n-Hexatriacontane (C36)

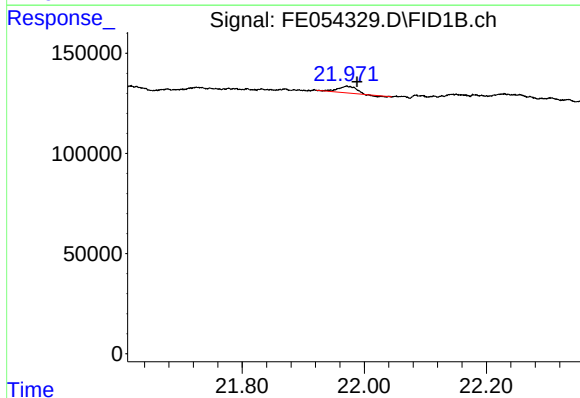
R.T.: 20.359 min
Delta R.T.: -0.007 min
Response: 166325
Conc: 1.29 ug/ml

Instrument :
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TP-2-EPHDL



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.012 min
Response: 105558
Conc: 0.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.017 min
Response: 64355
Conc: 0.48 ug/ml