

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042825AL\
 Data File : FE053542.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2025 10:43
 Operator : YP\AJ
 Sample : Q1878-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-4-042425-E2DL

Integration File: autoint1.e
 Quant Time: Apr 29 01:38:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.874	2594868	14.387 ug/ml
Spiked Amount 50.000		Recovery =	28.77%
12) S 1-chlorooctadecane (S...	13.319	1932351	14.295 ug/ml
Spiked Amount 50.000		Recovery =	28.59%
Target Compounds			
4) T n-Dodecane (C12)	6.662	90241	0.643 ug/ml
5) T A~2-methylnaphthalene...	7.301	119487	0.800 ug/ml
6) T n-Tetradecane (C14)	8.498	316247	2.254 ug/ml
7) T n-Hexadecane (C16)	10.110	380147	2.652 ug/ml
8) T n-Octadecane (C18)	11.558	337270	2.314 ug/ml
10) T n-Eicosane (C20)	12.872	290577	1.997 ug/ml
11) T n-Heneicosane (C21)	13.486	164088	1.133 ug/ml
13) T n-Docosane (C22)	14.074	160433	1.112 ug/ml
14) T n-Tetracosane (C24)	15.179	135900	0.946 ug/ml
15) T n-Hexacosane (C26)	16.205	241409	1.705 ug/ml
16) T n-Octacosane (C28)	17.161	193515	1.391 ug/ml
17) T n-Tricontane (C30)	18.048	203749	1.464 ug/ml
18) T n-Dotriacontane (C32)	18.883	186644	1.359 ug/ml
19) T n-Tetratriacontane (C34)	19.692	173752	1.334 ug/ml
20) T n-Hexatriacontane (C36)	20.413	97919	0.776 ug/ml

(f)=RT Delta > 1/2 Window

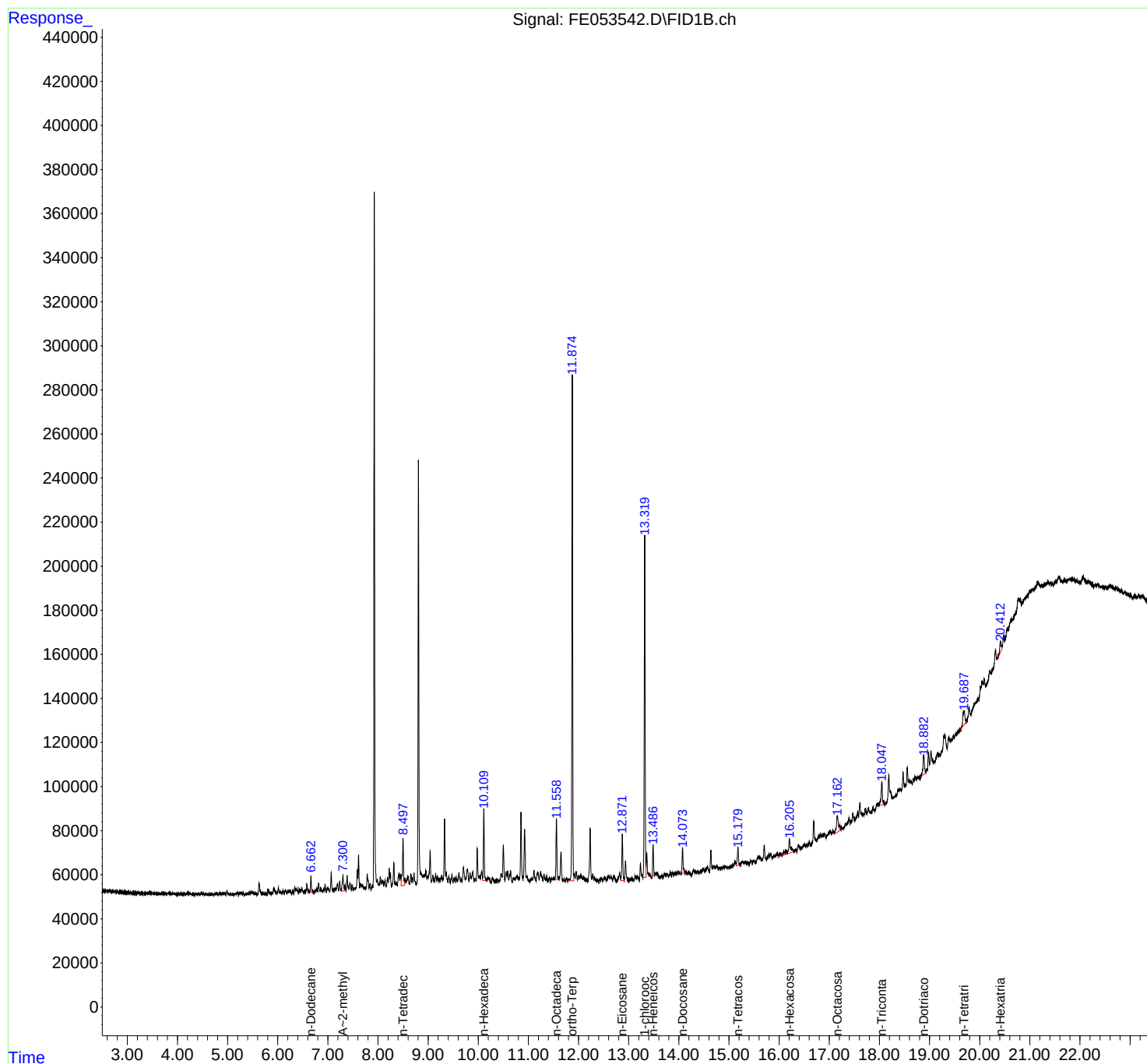
(m)=manual int.

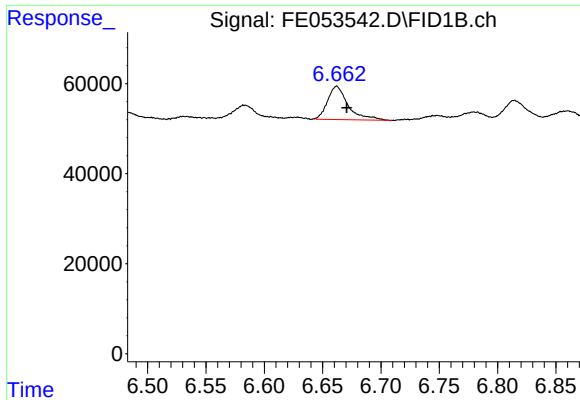
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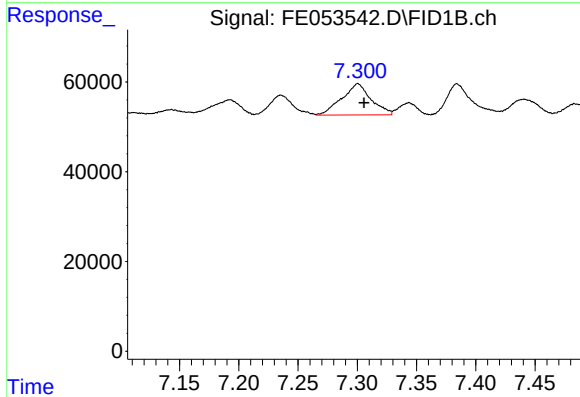




#4 n-Dodecane (C12)

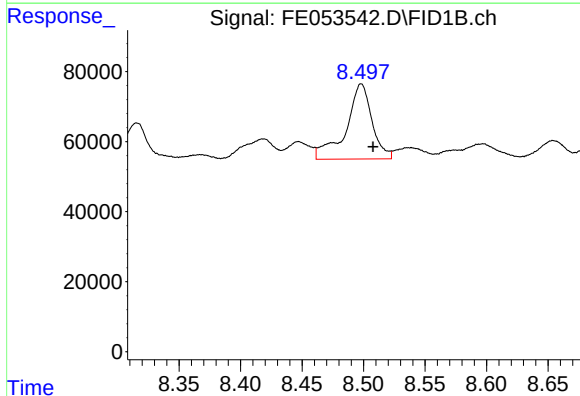
R.T.: 6.662 min
Delta R.T.: -0.009 min
Response: 90241
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-4-042425-E2DL



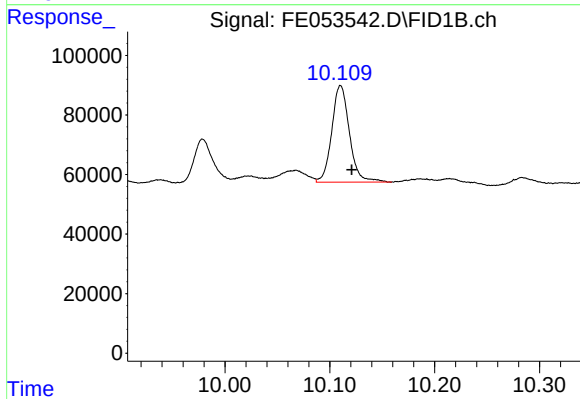
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.301 min
Delta R.T.: -0.005 min
Response: 119487
Conc: 0.80 ug/ml



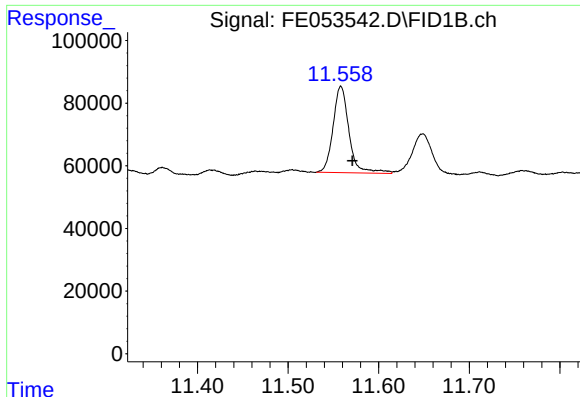
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.010 min
Response: 316247
Conc: 2.25 ug/ml



#7 n-Hexadecane (C16)

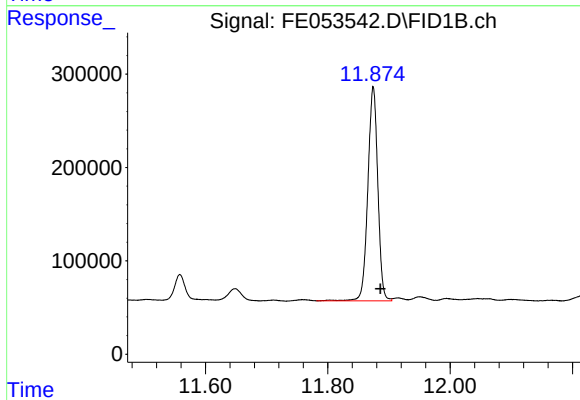
R.T.: 10.110 min
Delta R.T.: -0.011 min
Response: 380147
Conc: 2.65 ug/ml



#8 n-Octadecane (C18)

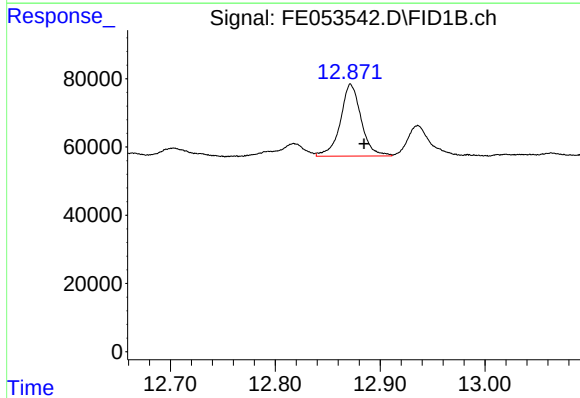
R.T.: 11.558 min
Delta R.T.: -0.013 min
Response: 337270
Conc: 2.31 ug/ml

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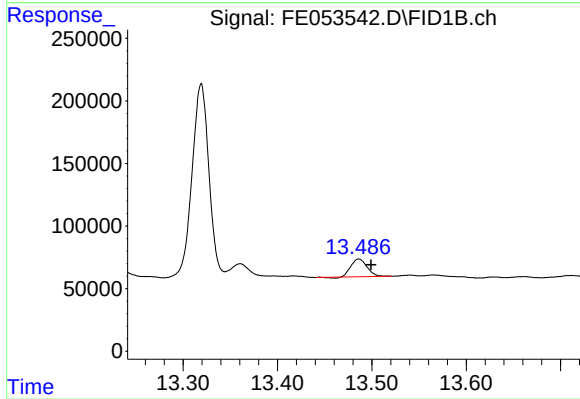
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.012 min
Response: 2594868
Conc: 14.39 ug/ml



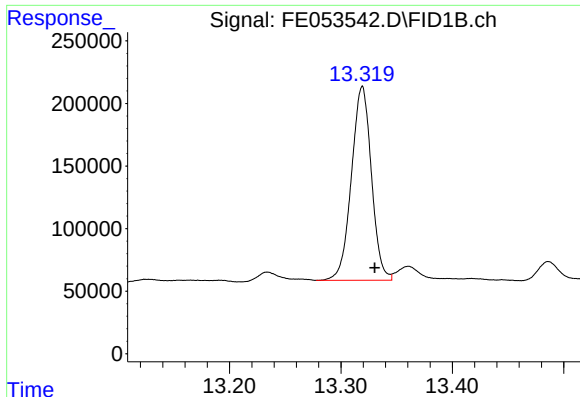
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.013 min
Response: 290577
Conc: 2.00 ug/ml



#11 n-Heneicosane (C21)

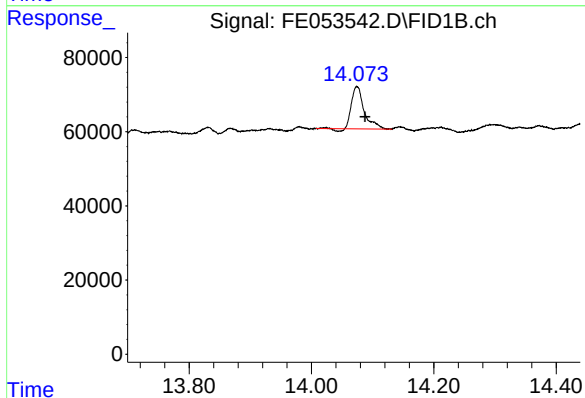
R.T.: 13.486 min
Delta R.T.: -0.013 min
Response: 164088
Conc: 1.13 ug/ml



#12 1-chlorooctadecane (SURR)

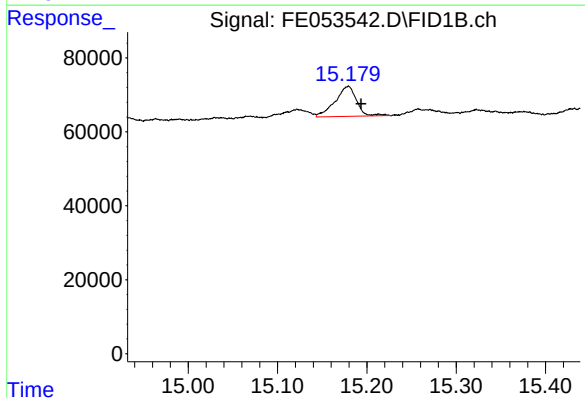
R.T.: 13.319 min
Delta R.T.: -0.011 min
Response: 1932351
Conc: 14.30 ug/ml

Instrument :
FID_E
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TR-4-042425-E2DL



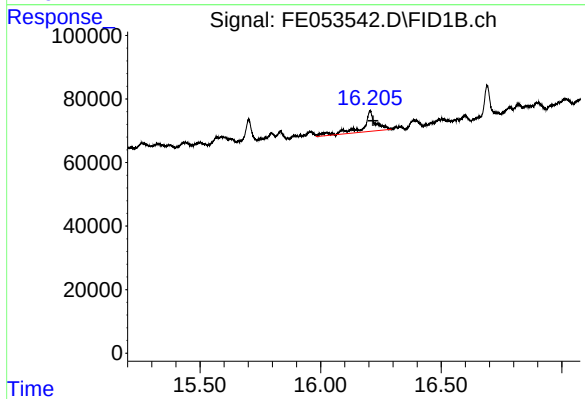
#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: -0.013 min
Response: 160433
Conc: 1.11 ug/ml



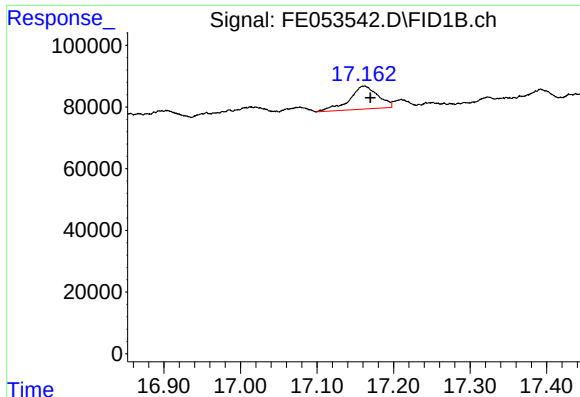
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.015 min
Response: 135900
Conc: 0.95 ug/ml



#15 n-Hexacosane (C26)

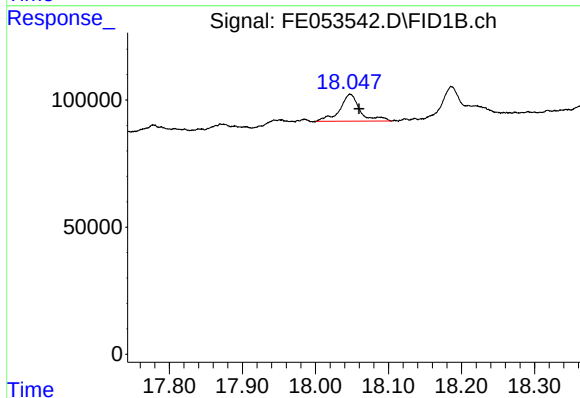
R.T.: 16.205 min
Delta R.T.: -0.013 min
Response: 241409
Conc: 1.70 ug/ml



#16 n-Octacosane (C28)

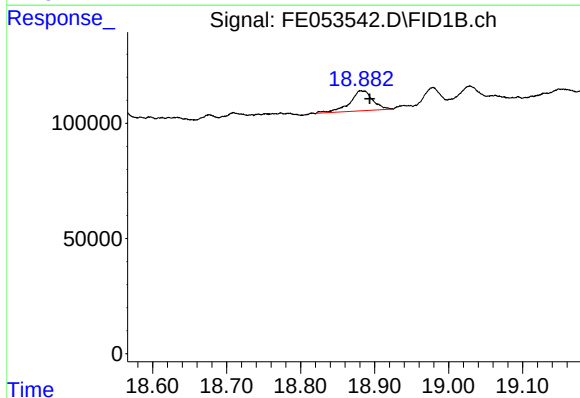
R.T.: 17.161 min
Delta R.T.: -0.009 min
Response: 193515
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :
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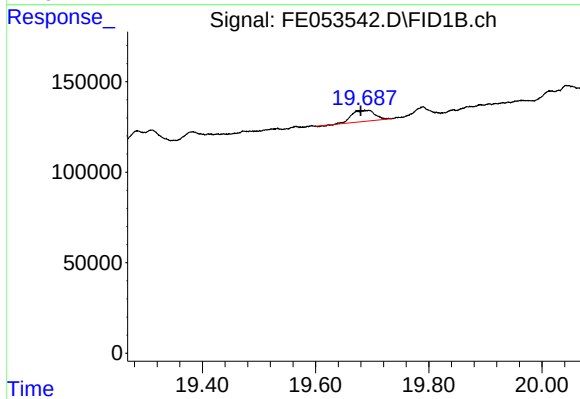
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.012 min
Response: 203749
Conc: 1.46 ug/ml



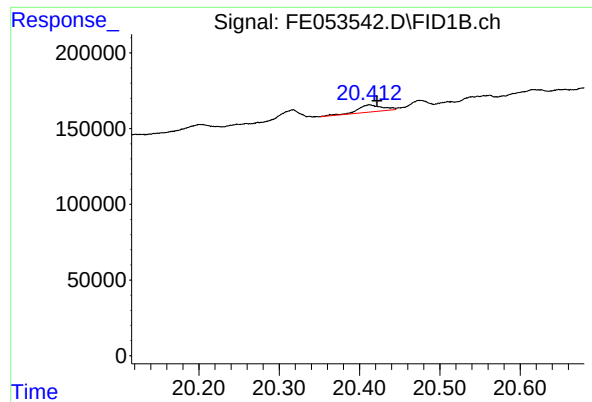
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.010 min
Response: 186644
Conc: 1.36 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.012 min
Response: 173752
Conc: 1.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.413 min
Delta R.T.: -0.009 min
Response: 97919
Conc: 0.78 ug/ml

Instrument :

FID_E

ClientSampleId :

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