

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054092.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 11:00
 Operator : YP\AJ
 Sample : Q2139-02DL2 200X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 BELL-25-0010DL2

Integration File: autoint1.e
 Quant Time: May 30 22:53:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.844	184612	1.136 ug/ml
Spiked Amount 50.000		Recovery =	2.27%
12) S 1-chlorooctadecane (S...	13.276	344222	2.904 ug/ml
Spiked Amount 50.000		Recovery =	5.81%
Target Compounds			
2) T n-Decane (C10)	4.452	52192	0.386 ug/ml
4) T n-Dodecane (C12)	6.635	69741	0.511 ug/ml
6) T n-Tetradecane (C14)	8.469	97261	0.721 ug/ml
7) T n-Hexadecane (C16)	10.082	119226	0.884 ug/ml
8) T n-Octadecane (C18)	11.530	101012	0.750 ug/ml
10) T n-Eicosane (C20)	12.842	176281	1.341 ug/ml
11) T n-Heneicosane (C21)	13.485	325238	2.509 ug/ml
13) T n-Docosane (C22)	14.059	548680	4.301 ug/ml
14) T n-Tetracosane (C24)	15.156	56957	0.455 ug/ml
15) T n-Hexacosane (C26)	16.175	28577	0.233 ug/ml
16) T n-Octacosane (C28)	17.111	50463	0.415 ug/ml
17) T n-Tricontane (C30)	18.081f	12019	0.096 ug/ml
18) T n-Dotriacontane (C32)	18.846	66796	0.534 ug/ml
19) T n-Tetratriacontane (C34)	19.678	392781	3.297 ug/ml
20) T n-Hexatriacontane (C36)	20.397	251053	2.168 ug/ml
21) T n-Octatriacontane (C38)	21.092	697963	6.414 ug/ml

(f)=RT Delta > 1/2 Window

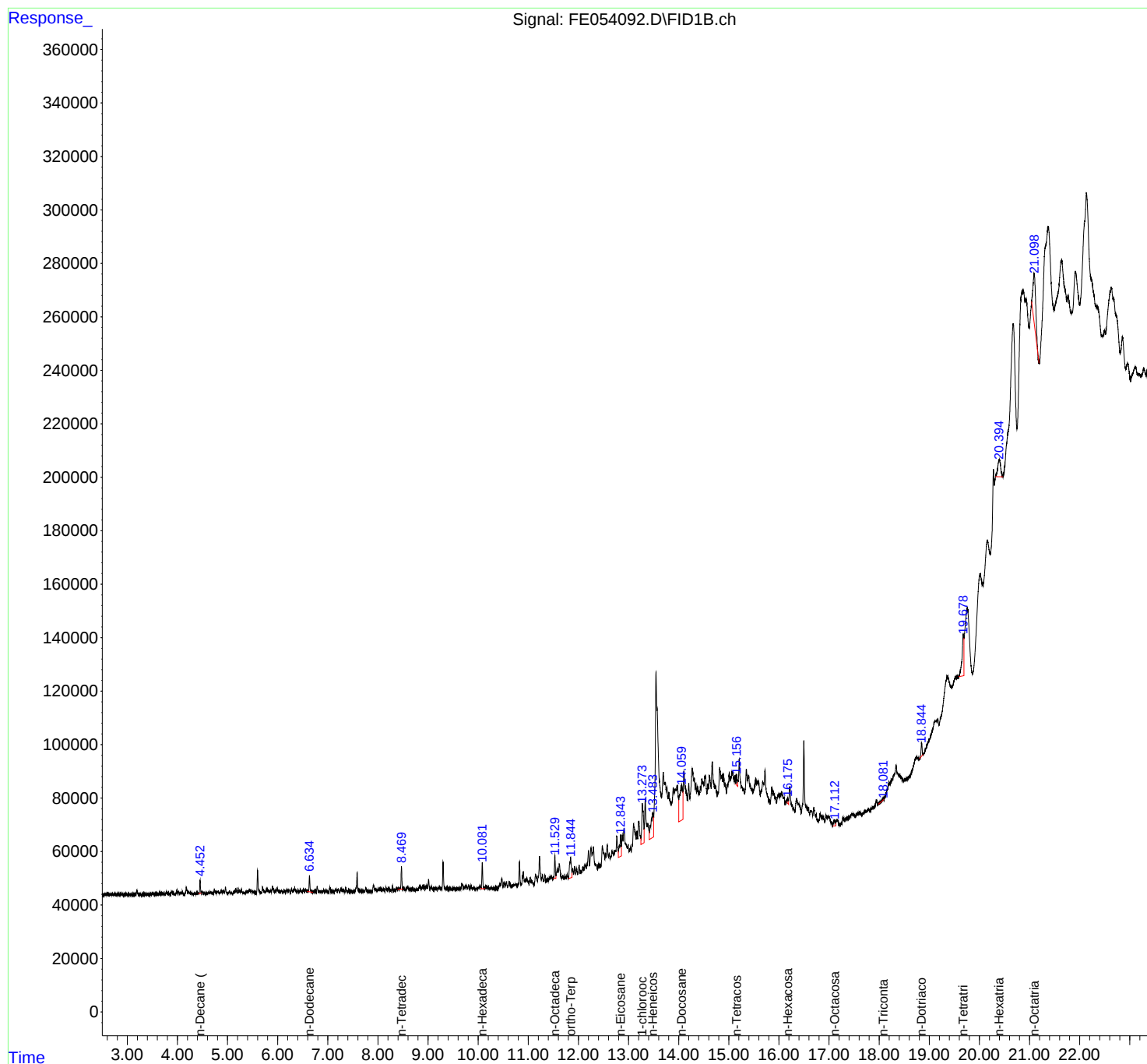
(m)=manual int.

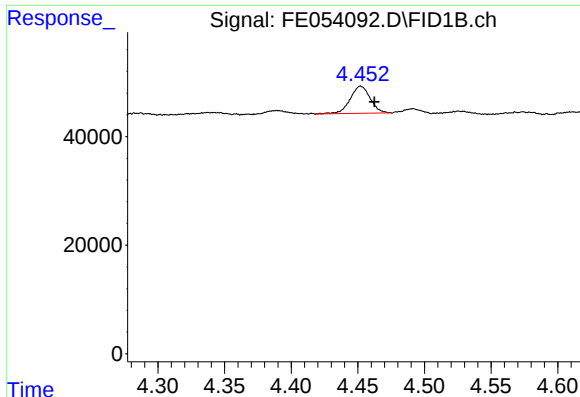
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
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Signal Info : 20M x 0.18mm x 0.18um

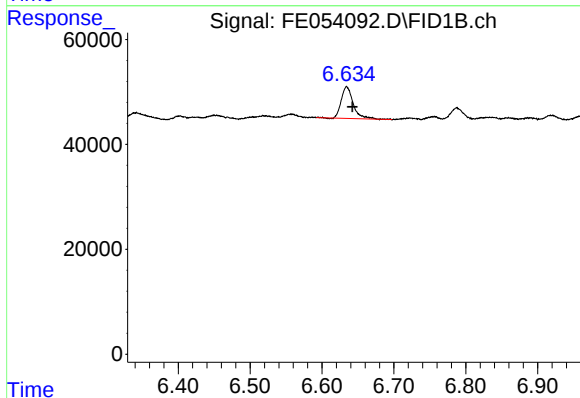




#2 n-Decane (C10)

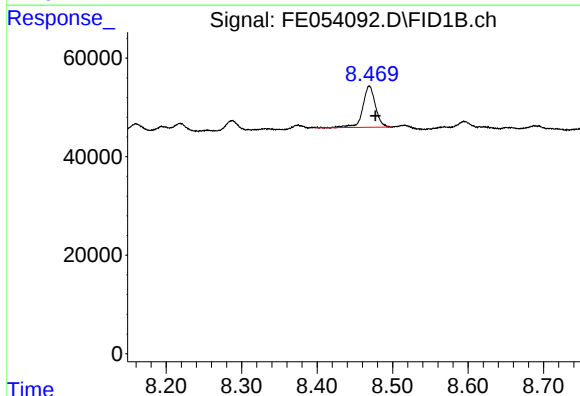
R.T.: 4.452 min
Delta R.T.: -0.010 min
Response: 52192
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :
BELL-25-0010DL2



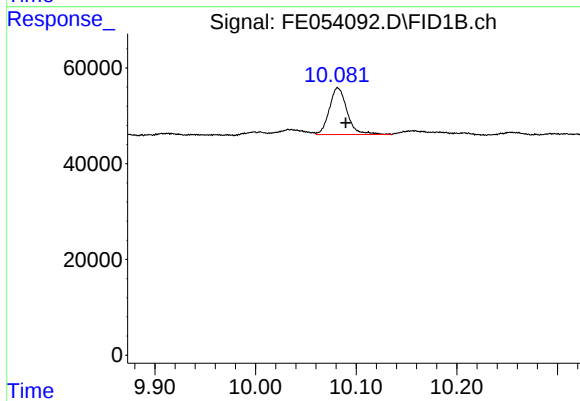
#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 69741
Conc: 0.51 ug/ml



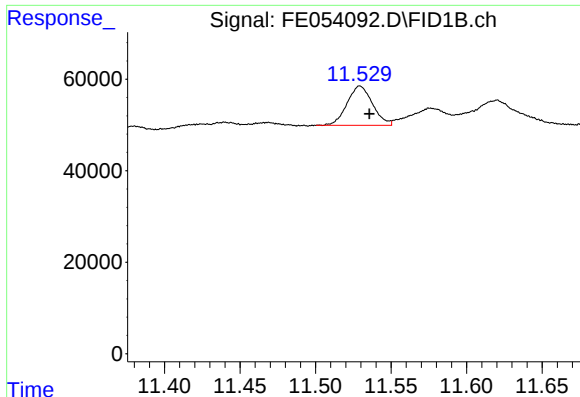
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 97261
Conc: 0.72 ug/ml



#7 n-Hexadecane (C16)

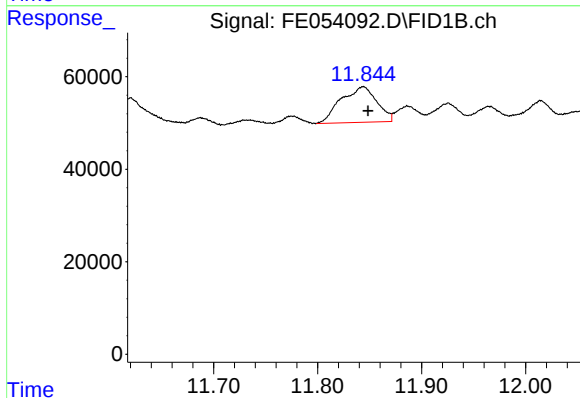
R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 119226
Conc: 0.88 ug/ml



#8 n-Octadecane (C18)

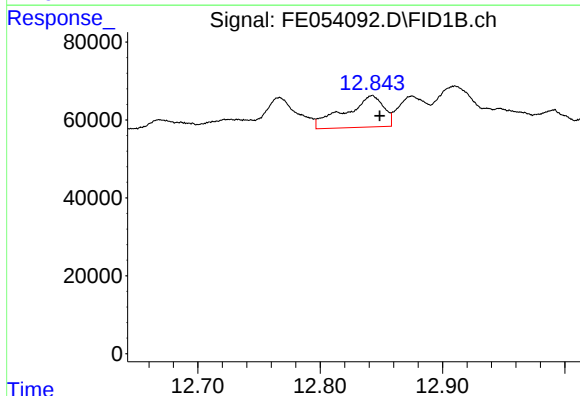
R.T.: 11.530 min
Delta R.T.: -0.006 min
Response: 101012
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :
BELL-25-0010DL2



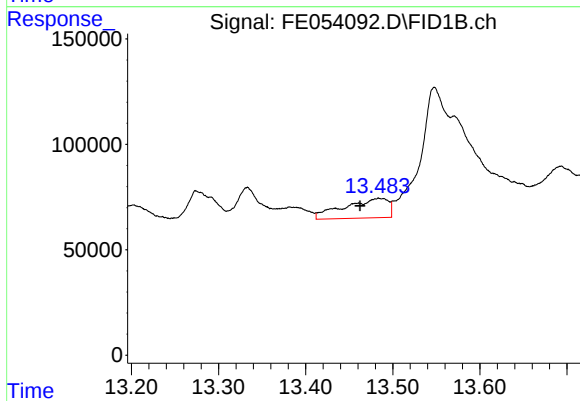
#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.005 min
Response: 184612
Conc: 1.14 ug/ml



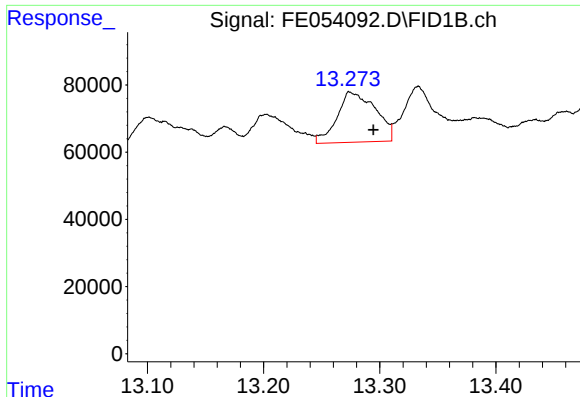
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.006 min
Response: 176281
Conc: 1.34 ug/ml



#11 n-Heneicosane (C21)

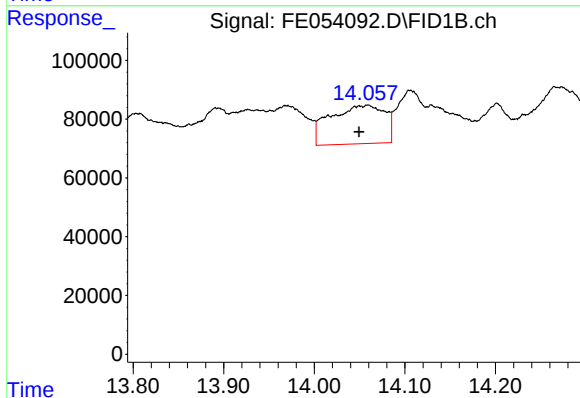
R.T.: 13.485 min
Delta R.T.: 0.023 min
Response: 325238
Conc: 2.51 ug/ml



#12 1-chlorooctadecane (SURR)

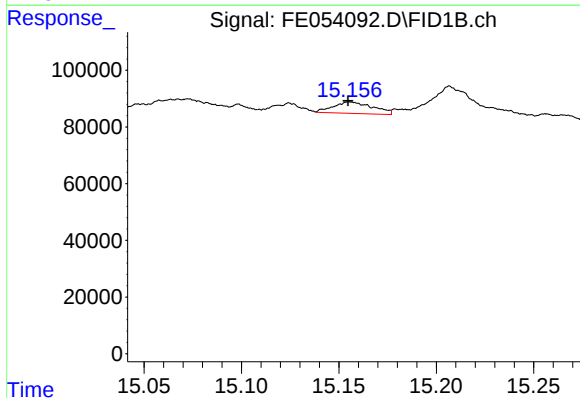
R.T.: 13.276 min
Delta R.T.: -0.019 min
Response: 344222
Conc: 2.90 ug/ml

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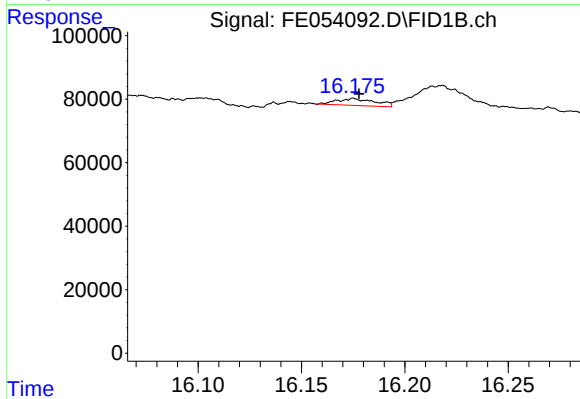
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.010 min
Response: 548680
Conc: 4.30 ug/ml



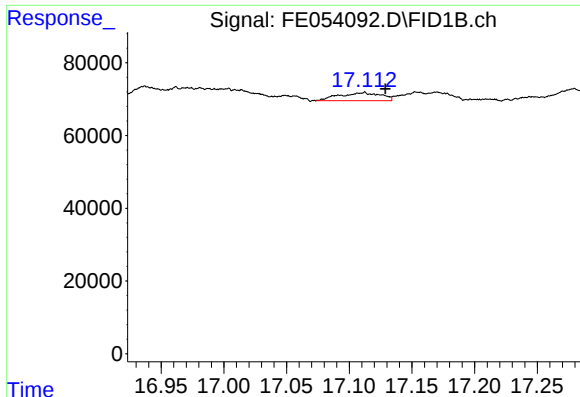
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: 0.001 min
Response: 56957
Conc: 0.46 ug/ml



#15 n-Hexacosane (C26)

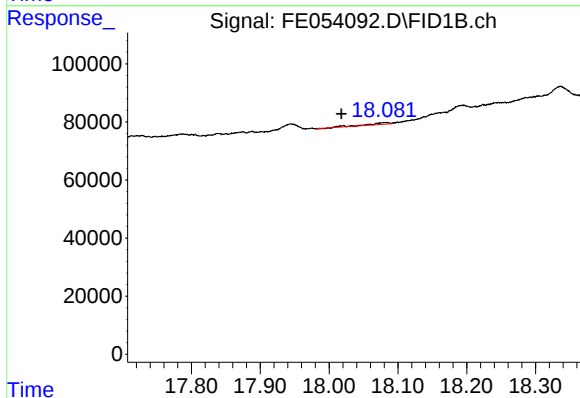
R.T.: 16.175 min
Delta R.T.: -0.003 min
Response: 28577
Conc: 0.23 ug/ml



#16 n-Octacosane (C28)

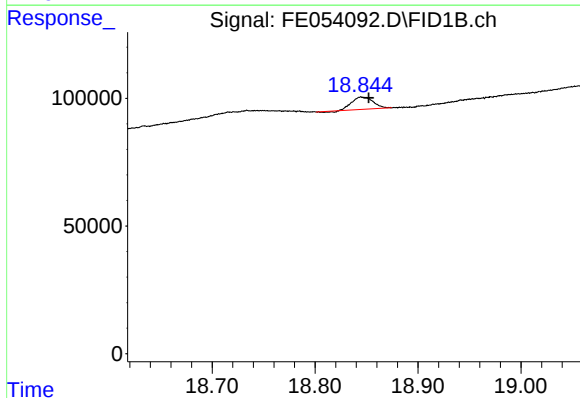
R.T.: 17.111 min
Delta R.T.: -0.018 min
Response: 50463
Conc: 0.42 ug/ml

Instrument :
FID_E
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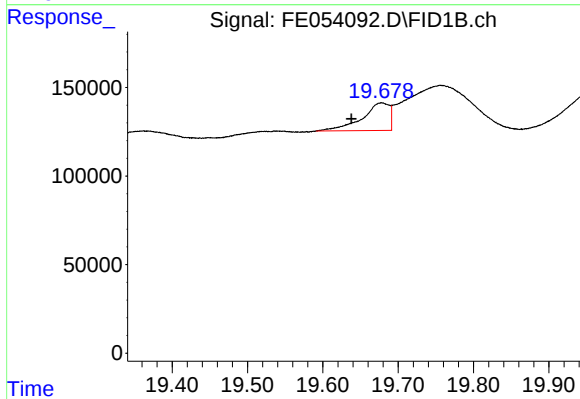
#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: 0.063 min
Response: 12019
Conc: 0.10 ug/ml



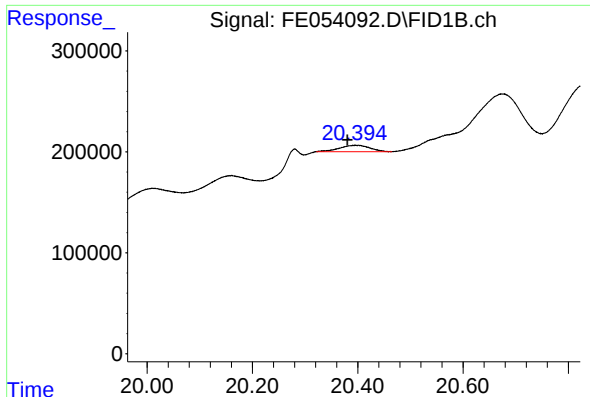
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 66796
Conc: 0.53 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.678 min
Delta R.T.: 0.040 min
Response: 392781
Conc: 3.30 ug/ml



#20 n-Hexatriacontane (C36)

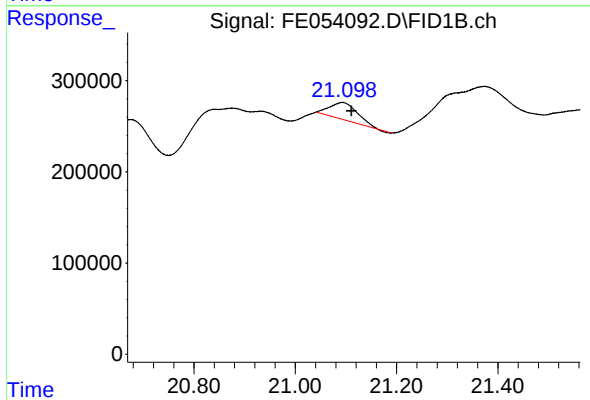
R.T.: 20.397 min
Delta R.T.: 0.017 min
Response: 251053
Conc: 2.17 ug/ml

Instrument :

FID_E

ClientSampleId :

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#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.018 min
Response: 697963
Conc: 6.41 ug/ml