

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062718AL\
 Data File : FE027983.D
 Signal(s) : FID1B.CH
 Acq On : 28 Jun 2018 11:56
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
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 6/28/2018 1:17:13 PM

Integration File: autoint1.e
 Quant Time: Jun 28 12:25:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062618.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 27 09:03:43 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.962	5939405	20.556 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	13.388	4920726	17.253 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.646	3612880	21.640 ug/mlm
2) T n-Decane (C10)	4.720	3823928	22.298 ug/ml
3) T A~Naphthalene (C11.7)	6.333	4604279	23.705 ug/ml
4) T n-Dodecane (C12)	6.749	4371154	23.553 ug/ml
5) T A~2-methylnaphthalene...	7.398	4976008	24.406 ug/ml
6) T n-Tetradecane (C14)	8.557	5137701	24.082 ug/ml
7) T n-Hexadecane (C16)	10.170	5750743	22.814 ug/ml
8) T n-Octadecane (C18)	11.622	5918247	19.524 ug/ml
10) T n-Eicosane (C20)	12.937	5984249	17.991 ug/ml
11) T n-Heneicosane (C21)	13.553	5864893	17.052 ug/ml
13) T n-Docosane (C22)	14.142	5789584	16.295 ug/ml
14) T n-Tetracosane (C24)	15.251	5518601	15.238 ug/ml
15) T n-Hexacosane (C26)	16.276	5294205	14.746 ug/ml
16) T n-Octacosane (C28)	17.230	5170780	14.668 ug/ml
17) T n-Tricontane (C30)	18.121	4923647	15.012 ug/ml
18) T n-Dotriacontane (C32)	18.956	4711742	15.395 ug/ml
19) T n-Tetratriacontane (C34)	19.743	4507939	16.158 ug/ml
20) T n-Hexatriacontane (C36)	20.486	4444173	17.367 ug/ml
21) T n-Octatriacontane (C38)	21.314	4435913	17.286 ug/ml
22) T n-Tetracontane (C40)	22.366	4466137	17.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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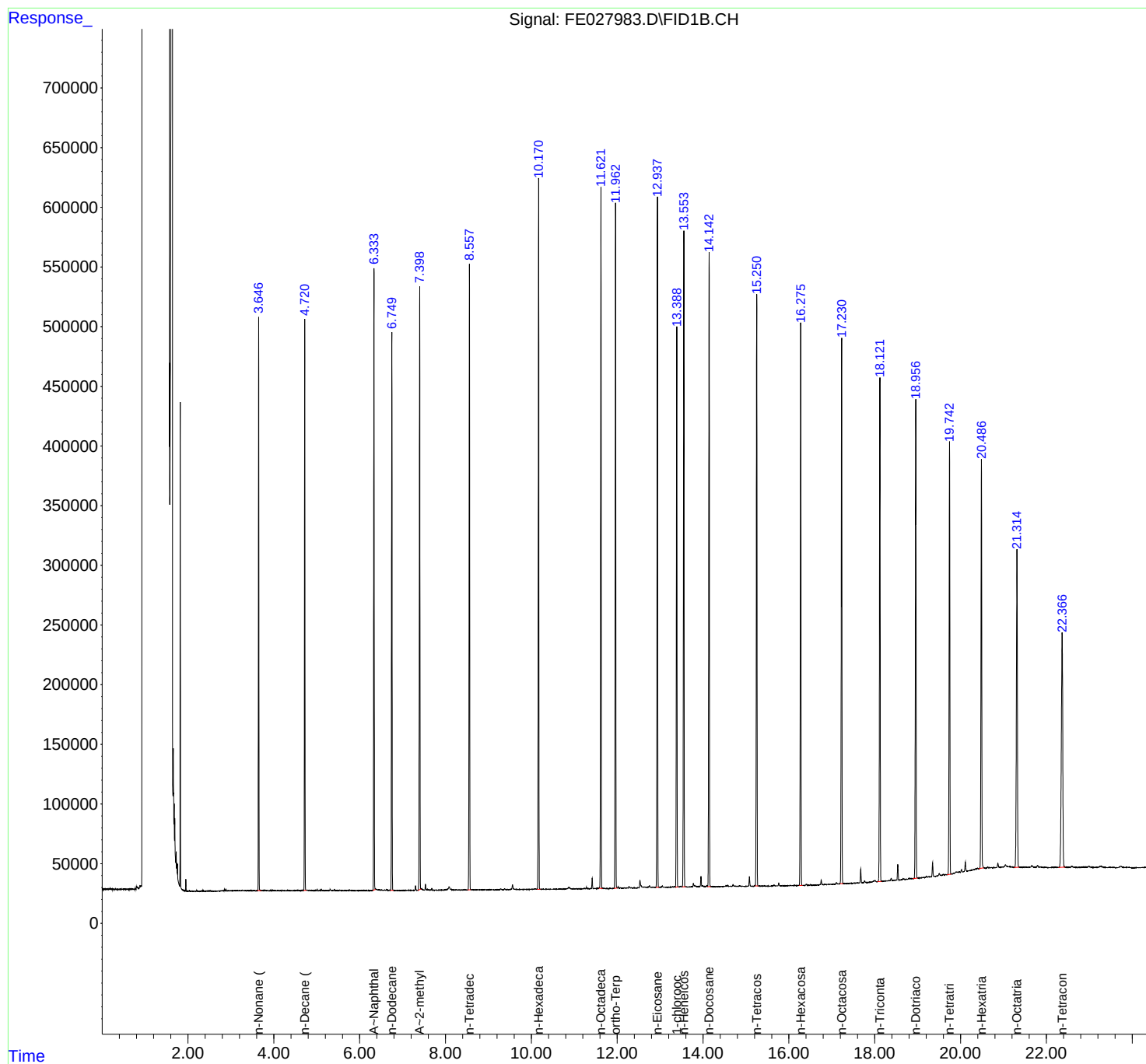
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FID_E
ClientSampled :

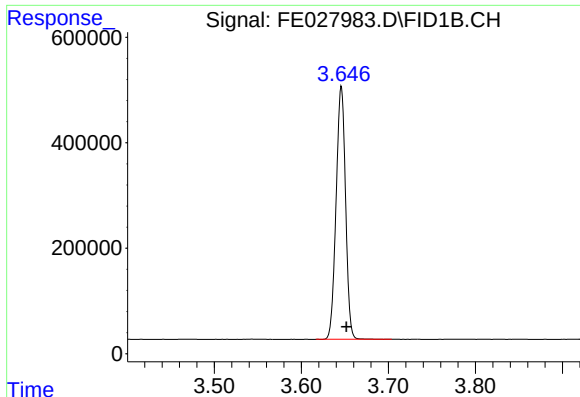
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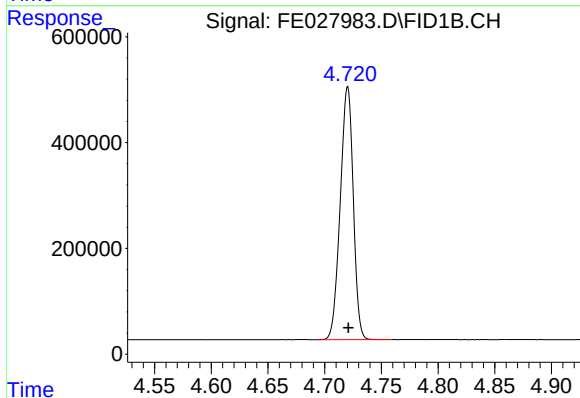
#1 n-Nonane (C9)

R.T.: 3.646 min
Delta R.T.: -0.006 min
Response: 3612880
Conc: 21.64 ug/ml m

Instrument :
FID_E
ClientSampleId :

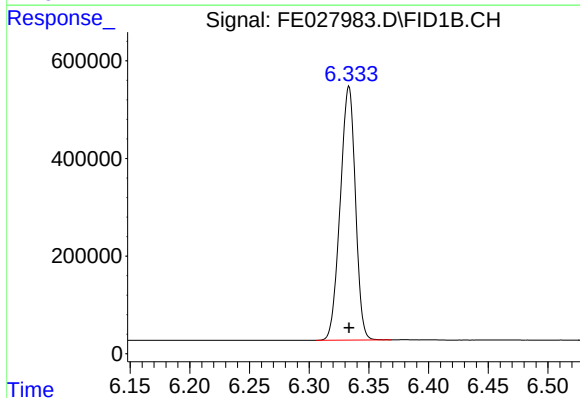
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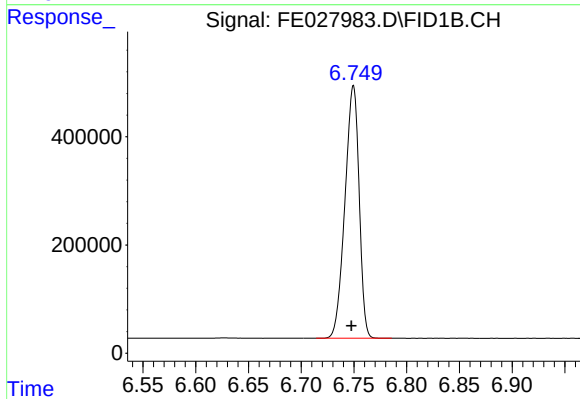
#2 n-Decane (C10)

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 3823928
Conc: 22.30 ug/ml



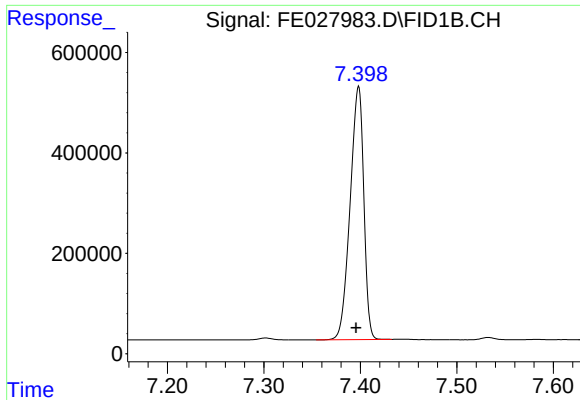
#3 A~Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 4604279
Conc: 23.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: 0.002 min
Response: 4371154
Conc: 23.55 ug/ml



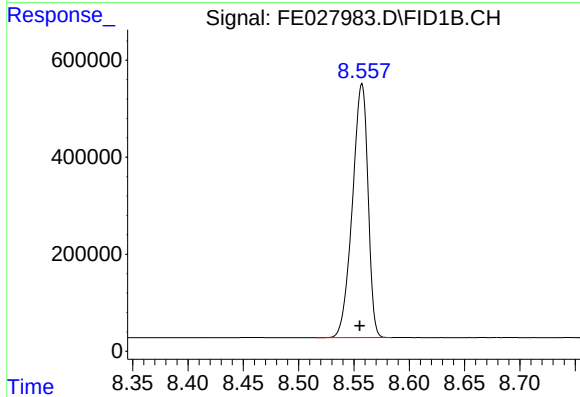
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.398 min
Delta R.T.: 0.003 min
Response: 4976008
Conc: 24.41 ug/ml

Instrument :
FID_E
ClientSampleId :

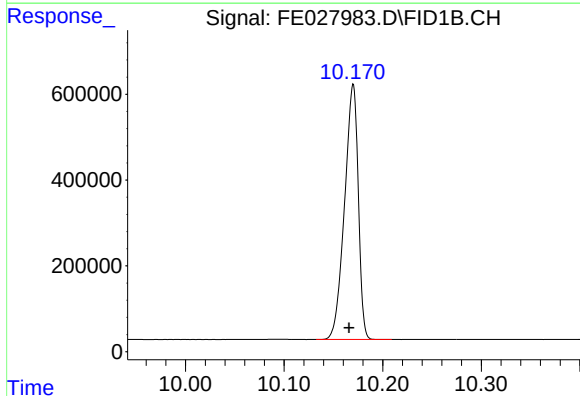
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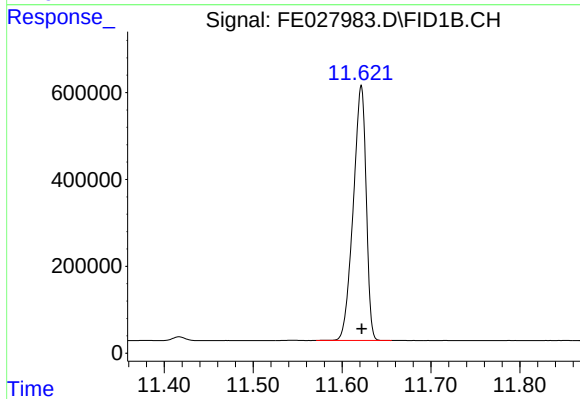
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.002 min
Response: 5137701
Conc: 24.08 ug/ml



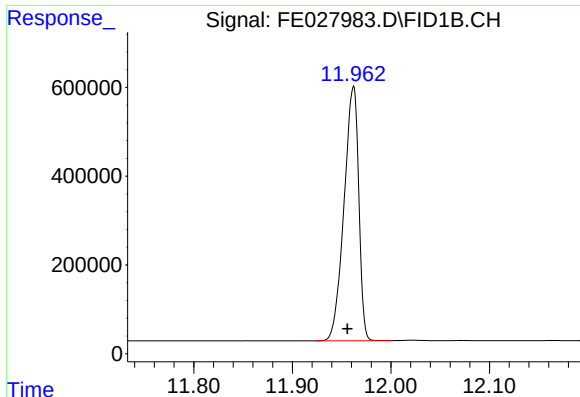
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.004 min
Response: 5750743
Conc: 22.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: 0.000 min
Response: 5918247
Conc: 19.52 ug/ml



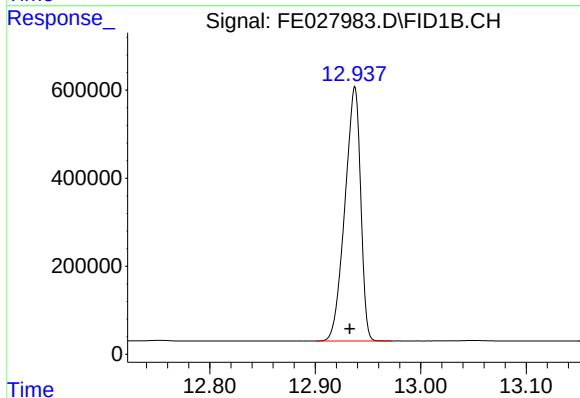
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: 0.006 min
Response: 5939405
Conc: 20.56 ug/ml

Instrument :
FID_E
ClientSampleId :

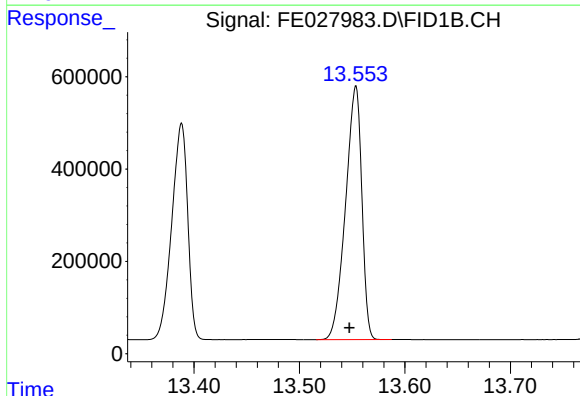
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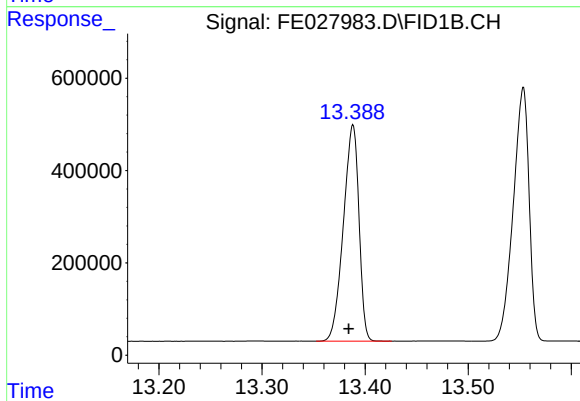
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: 0.005 min
Response: 5984249
Conc: 17.99 ug/ml



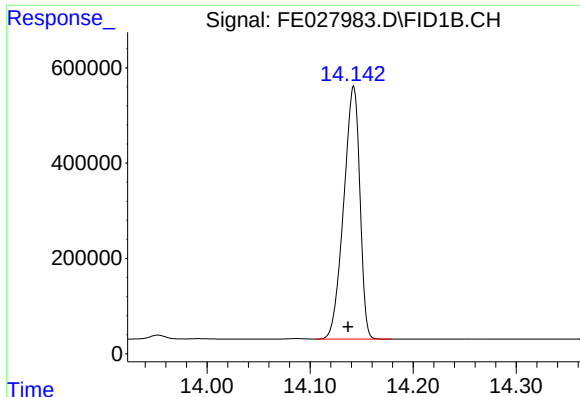
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: 0.006 min
Response: 5864893
Conc: 17.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.004 min
Response: 4920726
Conc: 17.25 ug/ml



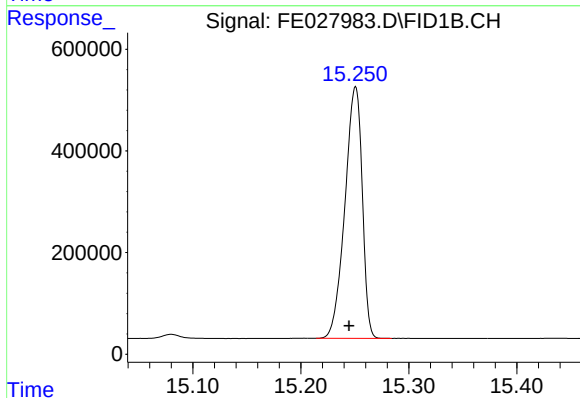
#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.005 min
Response: 5789584
Conc: 16.30 ug/ml

Instrument :
FID_E
ClientSampleId :

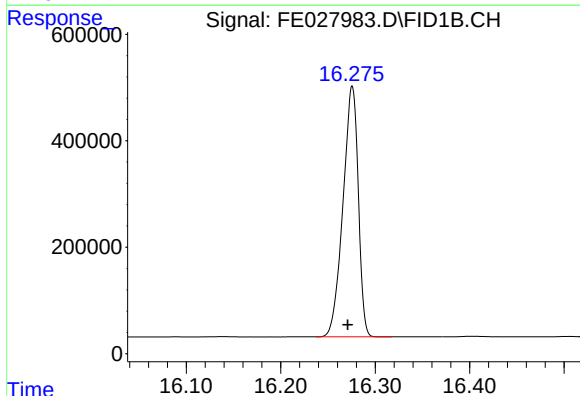
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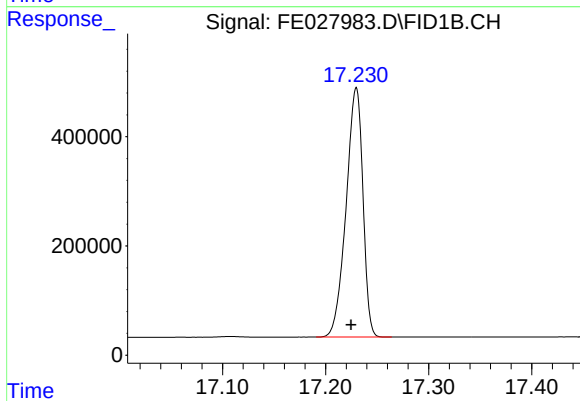
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.006 min
Response: 5518601
Conc: 15.24 ug/ml



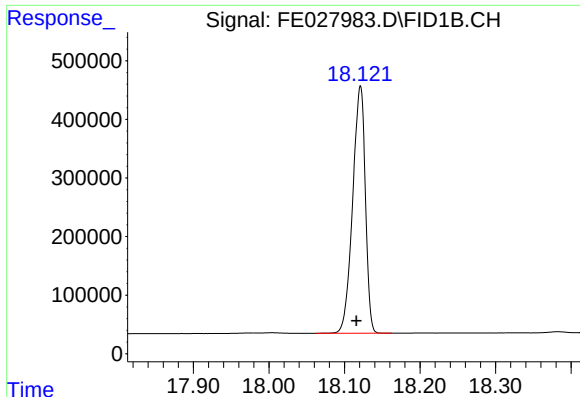
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.005 min
Response: 5294205
Conc: 14.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: 0.005 min
Response: 5170780
Conc: 14.67 ug/ml



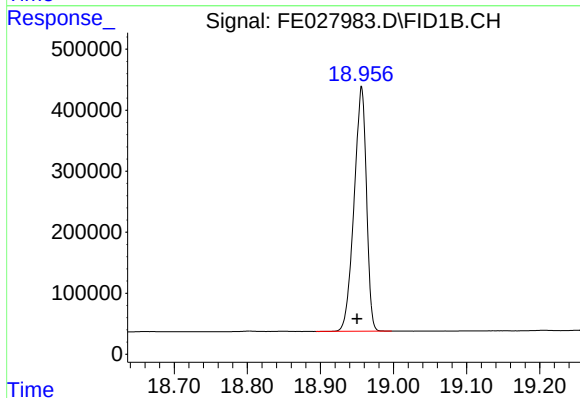
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.005 min
Response: 4923647
Conc: 15.01 ug/ml

Instrument :
FID_E
ClientSampleId :

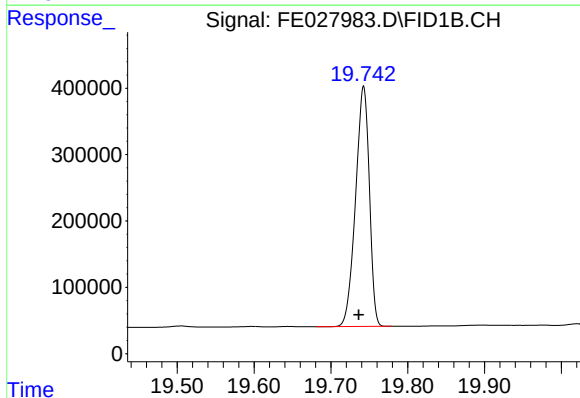
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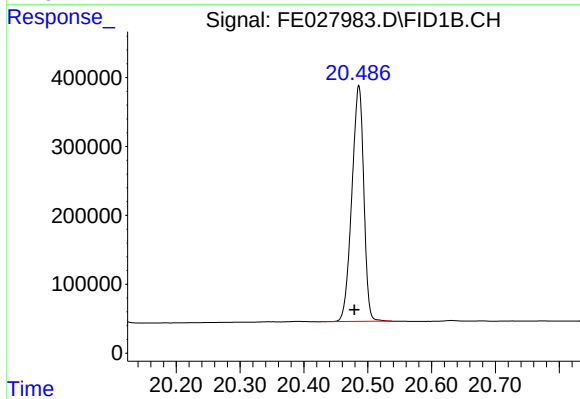
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.006 min
Response: 4711742
Conc: 15.39 ug/ml



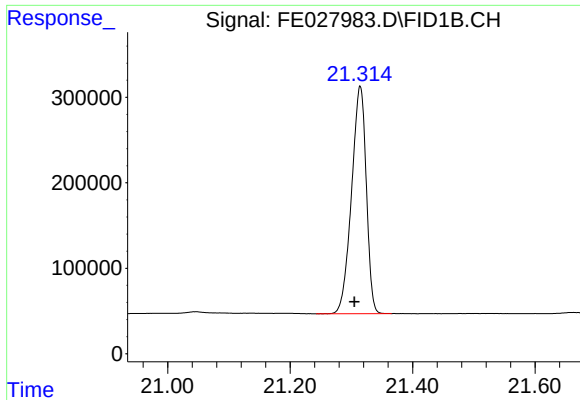
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.006 min
Response: 4507939
Conc: 16.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.486 min
Delta R.T.: 0.007 min
Response: 4444173
Conc: 17.37 ug/ml



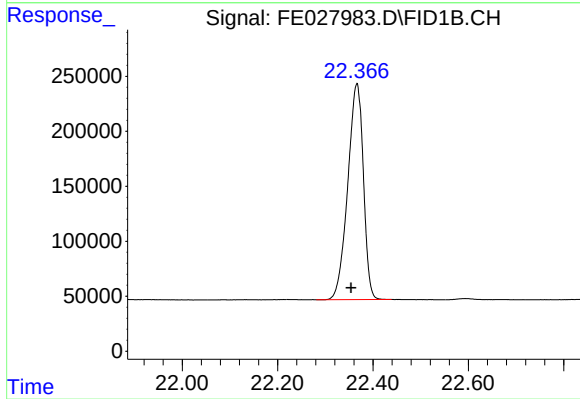
#21 n-Octatriacontane (C38)

R.T.: 21.314 min
Delta R.T.: 0.009 min
Response: 4435913
Conc: 17.29 ug/ml

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.012 min
Response: 4466137
Conc: 17.31 ug/ml