

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081423AL\
 Data File : FE043945.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2023 23:18
 Operator : YP\AJ
 Sample : 03977-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Ankita Jodhani 08/15/2023

Integration File: autoint1.e
 Quant Time: Aug 15 02:10:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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)	11.947	5373714	26.077 ug/ml
Spiked Amount 50.000		Recovery =	52.15%
12) S 1-chlorooctadecane (S...	13.383	3684224	23.610 ug/ml
Spiked Amount 50.000		Recovery =	47.22%
Target Compounds			
1) T n-Nonane (C9)	3.355	7760611	48.057 ug/ml
2) T n-Decane (C10)	4.597	8217064	49.856 ug/ml
3) T A~Naphthalene (C11.7)	6.291	8999602	49.429 ug/ml
4) T n-Dodecane (C12)	6.752	8470420	50.611 ug/ml
5) T A~2-methylnaphthalene...	7.385	8786457	49.354 ug/ml
6) T n-Tetradecane (C14)	8.578	8367946	49.667 ug/ml
7) T n-Hexadecane (C16)	10.186	8328877	47.216 ug/ml
8) T n-Octadecane (C18)	11.630	8489329	46.864 ug/ml
10) T n-Eicosane (C20)	12.941	8365283	47.270 ug/ml
11) T n-Heneicosane (C21)	13.554	8092316	45.703 ug/ml
13) T n-Docosane (C22)	14.140	7915481	45.128 ug/ml
14) T n-Tetracosane (C24)	15.237	5838954	33.232 ug/mlm
15) T n-Hexacosane (C26)	16.267	7536929	43.608 ug/ml
16) T n-Octacosane (C28)	17.217	7446888	44.507 ug/ml
17) T n-Tricontane (C30)	18.108	7341809	44.327 ug/ml
18) T n-Dotriacontane (C32)	18.942	7224427	45.755 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6632689	44.635 ug/ml
20) T n-Hexatriacontane (C36)	20.468	6009867	42.996 ug/mlm
21) T n-Octatriacontane (C38)	21.213	6082675	45.595 ug/ml
22) T n-Tetracontane (C40)	22.141	6172446	47.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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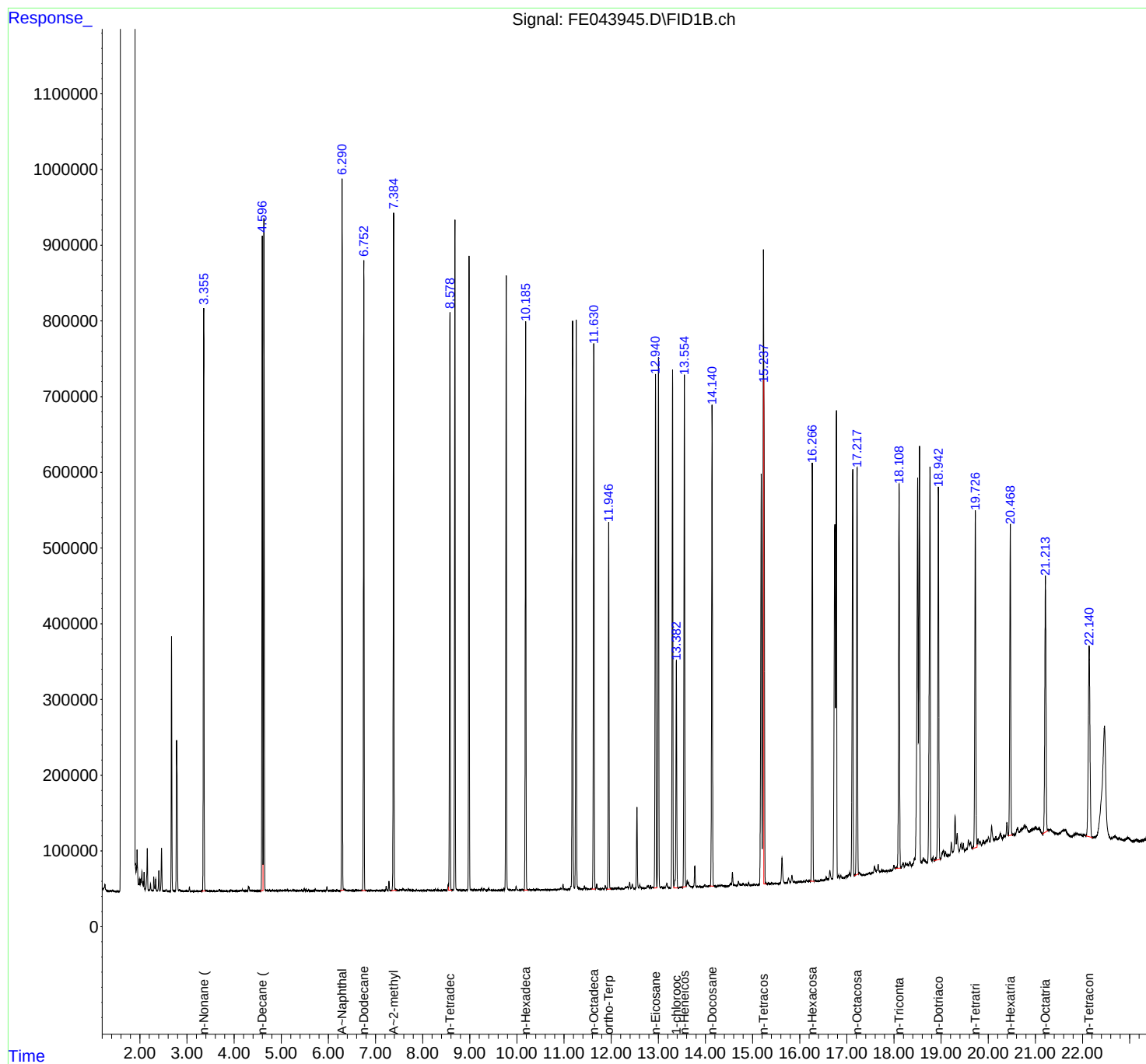
Instrument :
FID_E
ClientSampleId :
5MS

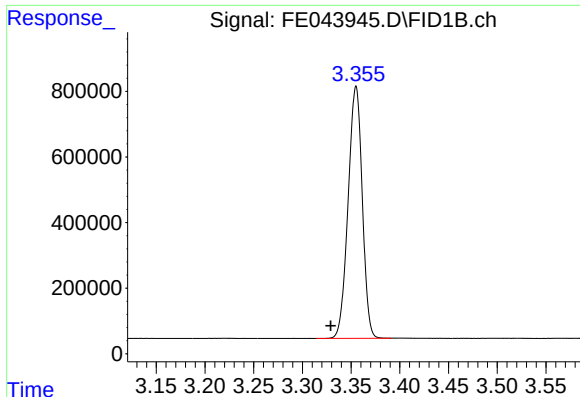
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#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.026 min
Response: 7760611
Conc: 48.06 ug/ml

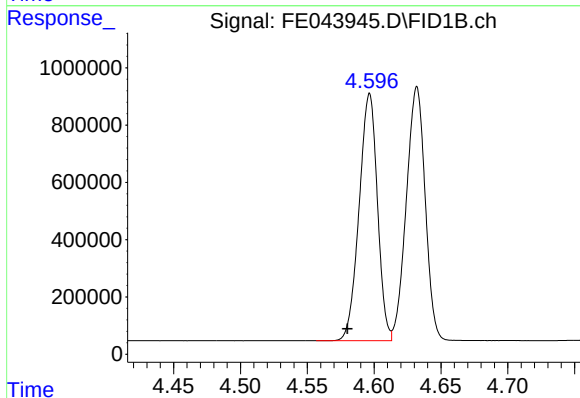
Instrument :

FID_E

ClientSampleId :
SMS

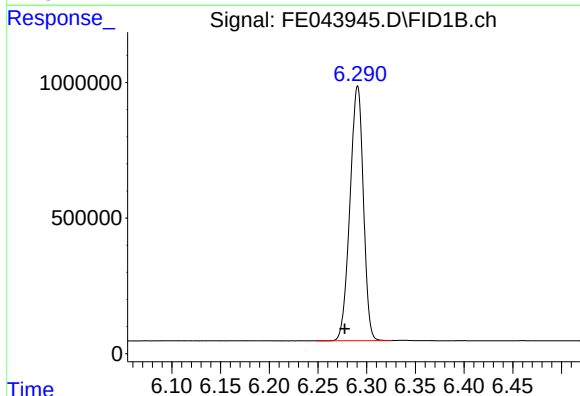
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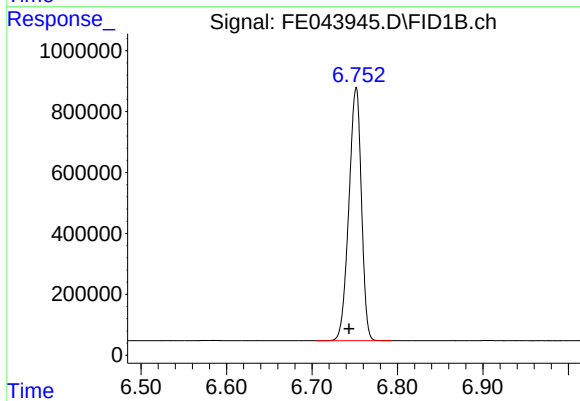
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.017 min
Response: 8217064
Conc: 49.86 ug/ml



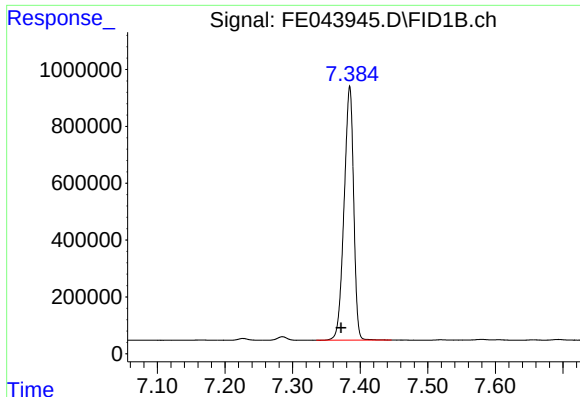
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: 0.013 min
Response: 8999602
Conc: 49.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: 0.009 min
Response: 8470420
Conc: 50.61 ug/ml



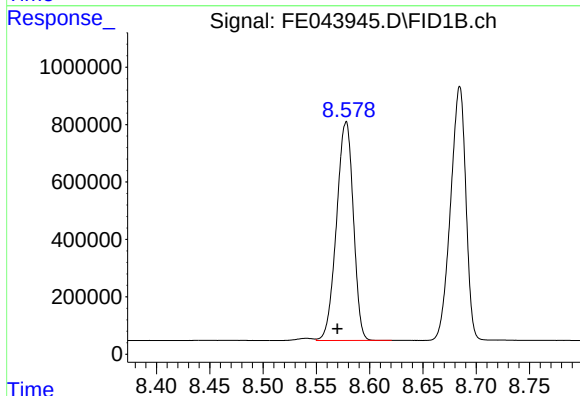
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 8786457
Conc: 49.35 ug/ml

Instrument :
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SMS

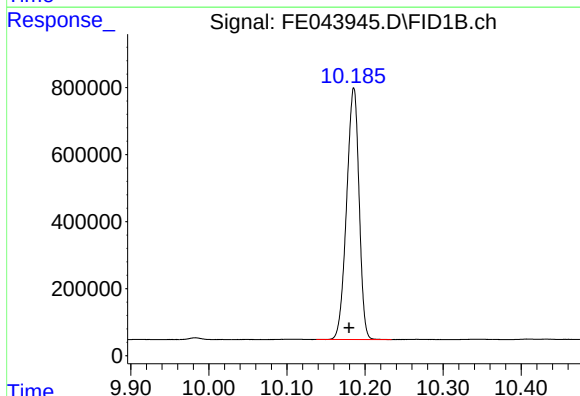
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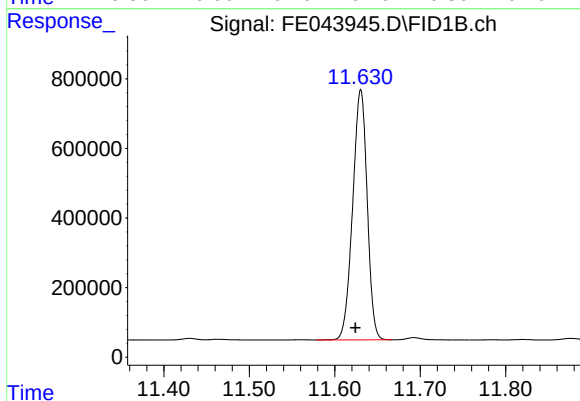
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.008 min
Response: 8367946
Conc: 49.67 ug/ml



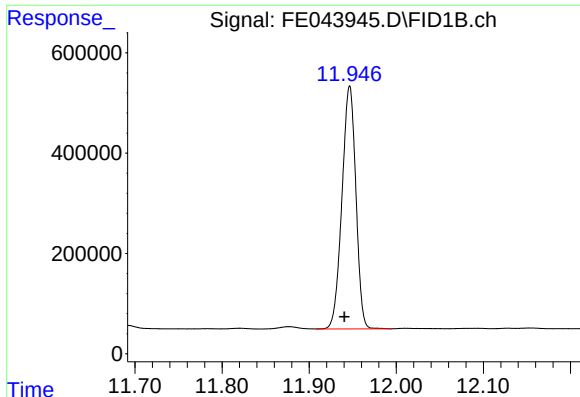
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: 0.006 min
Response: 8328877
Conc: 47.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 8489329
Conc: 46.86 ug/ml



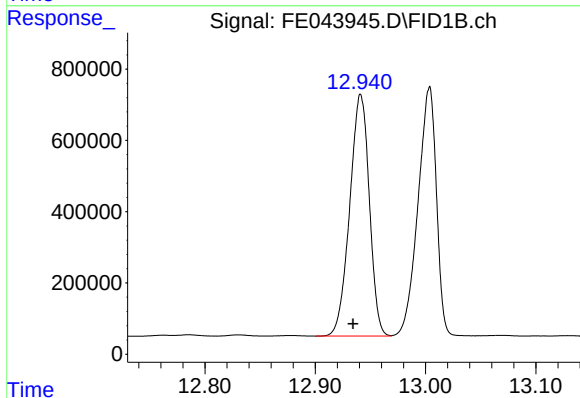
#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: 0.006 min
Response: 5373714
Conc: 26.08 ug/ml

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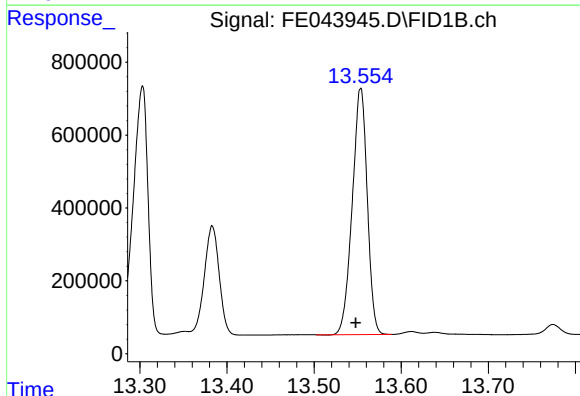
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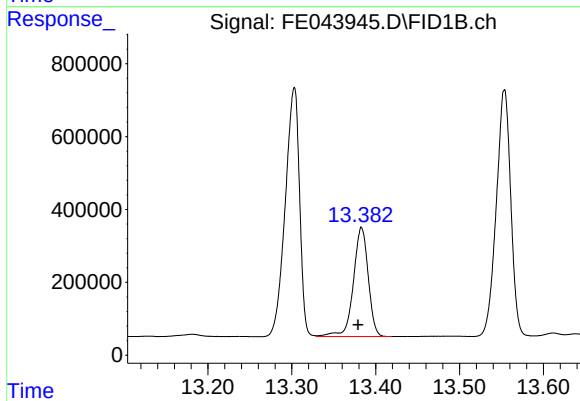
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.007 min
Response: 8365283
Conc: 47.27 ug/ml



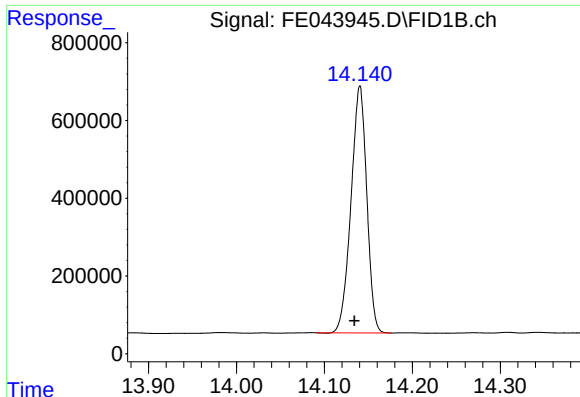
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 8092316
Conc: 45.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: 0.004 min
Response: 3684224
Conc: 23.61 ug/ml



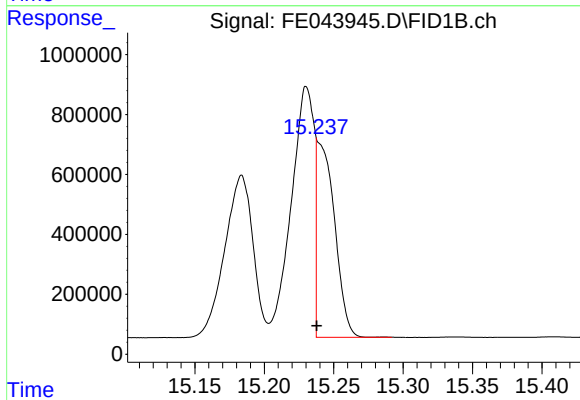
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: 0.006 min
Response: 7915481
Conc: 45.13 ug/ml

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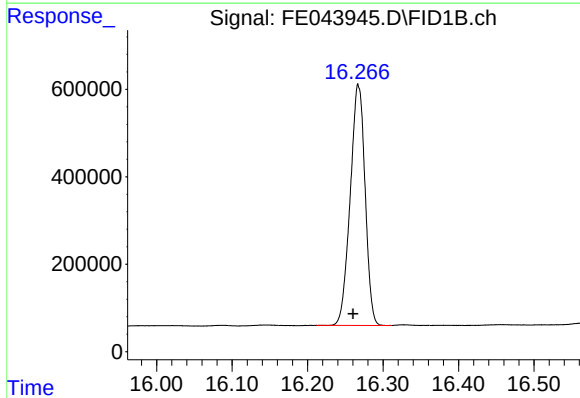
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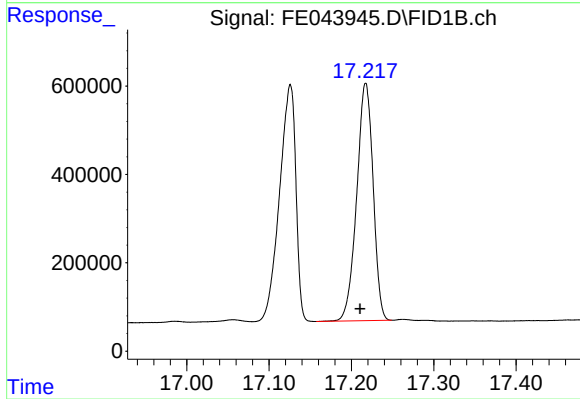
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 5838954
Conc: 33.23 ug/ml m



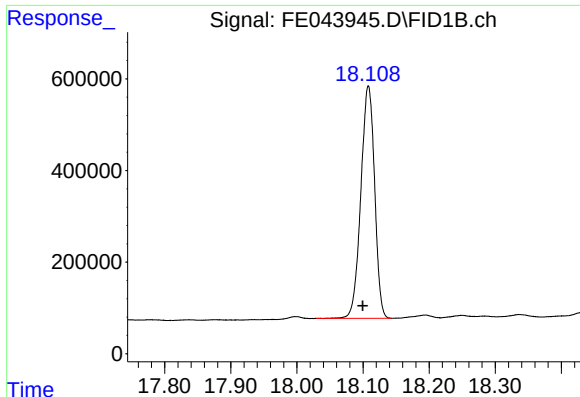
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.007 min
Response: 7536929
Conc: 43.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: 0.007 min
Response: 7446888
Conc: 44.51 ug/ml



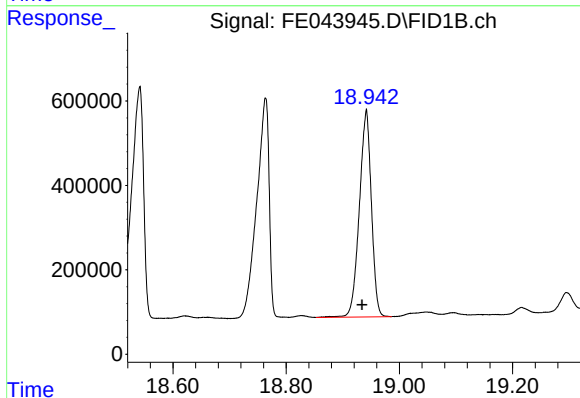
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: 0.008 min
Response: 7341809
Conc: 44.33 ug/ml

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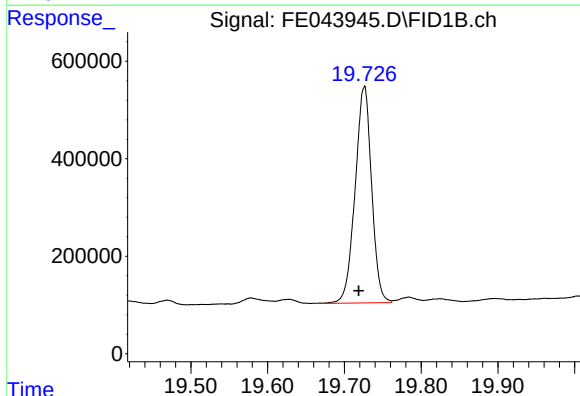
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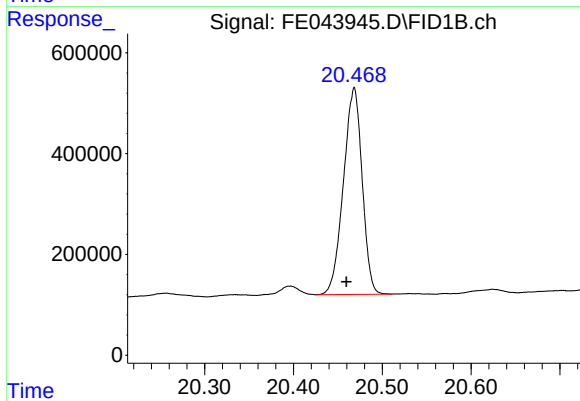
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.008 min
Response: 7224427
Conc: 45.76 ug/ml



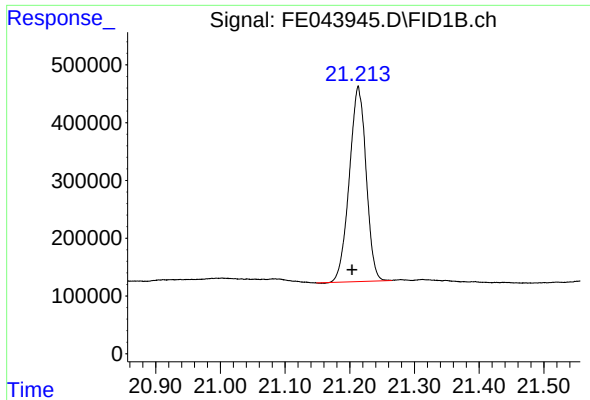
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.007 min
Response: 6632689
Conc: 44.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.008 min
Response: 6009867
Conc: 43.00 ug/ml m



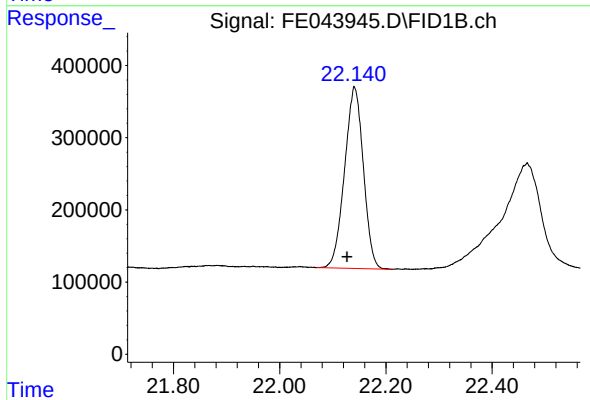
#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.009 min
Response: 6082675
Conc: 45.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.014 min
Response: 6172446
Conc: 47.84 ug/ml