

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028122.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2019 2:51
 Operator : AJ\SJ
 Sample : K1712-19MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 Z-2-4MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 06 04:20:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:32:11 2019
 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)	11.207	4052763	29.121 ug/ml
Spiked Amount 50.000		Recovery =	58.24%
12) S 1-chlorooctadecane (S...	12.650	3153586	29.361 ug/ml
Spiked Amount 50.000		Recovery =	58.72%
Target Compounds			
1) T n-Nonane (C9)	3.052	2856597	31.255 ug/ml
2) T n-Decane (C10)	4.107	3423538	36.715 ug/ml
3) T A~Naphthalene (C11.7)	5.658	4065549	38.562 ug/ml
4) T n-Dodecane (C12)	6.111	3984057	42.207 ug/ml
5) T A~2-methylnaphthalene...	6.708	4282964	39.975 ug/ml
6) T n-Tetradecane (C14)	7.896	4315679	44.187 ug/ml
7) T n-Hexadecane (C16)	9.483	4442878	43.834 ug/ml
8) T n-Octadecane (C18)	10.915	4437419	41.925 ug/ml
10) T n-Eicosane (C20)	12.215	4466550	41.447 ug/mlm
11) T n-Heneicosane (C21)	12.822	4226480	39.754 ug/ml
13) T n-Docosane (C22)	13.404	4135839	38.743 ug/ml
14) T n-Tetracosane (C24)	14.499	3989463	37.907 ug/ml
15) T n-Hexacosane (C26)	15.514	3867792	37.877 ug/ml
16) T n-Octacosane (C28)	16.456	3802508	38.346 ug/ml
17) T n-Tricontane (C30)	17.338	3711113	39.299 ug/ml
18) T n-Dotriacontane (C32)	18.165	3603878	41.784 ug/ml
19) T n-Tetratriacontane (C34)	18.942	3398765	45.650 ug/mlm
20) T n-Hexatriacontane (C36)	19.675	3072297	47.681 ug/mlm
21) T n-Octatriacontane (C38)	20.372	2858352	47.453 ug/mlm
22) T n-Tetracontane (C40)	21.138	2992713	50.557 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 71 Sample Multiplier: 1

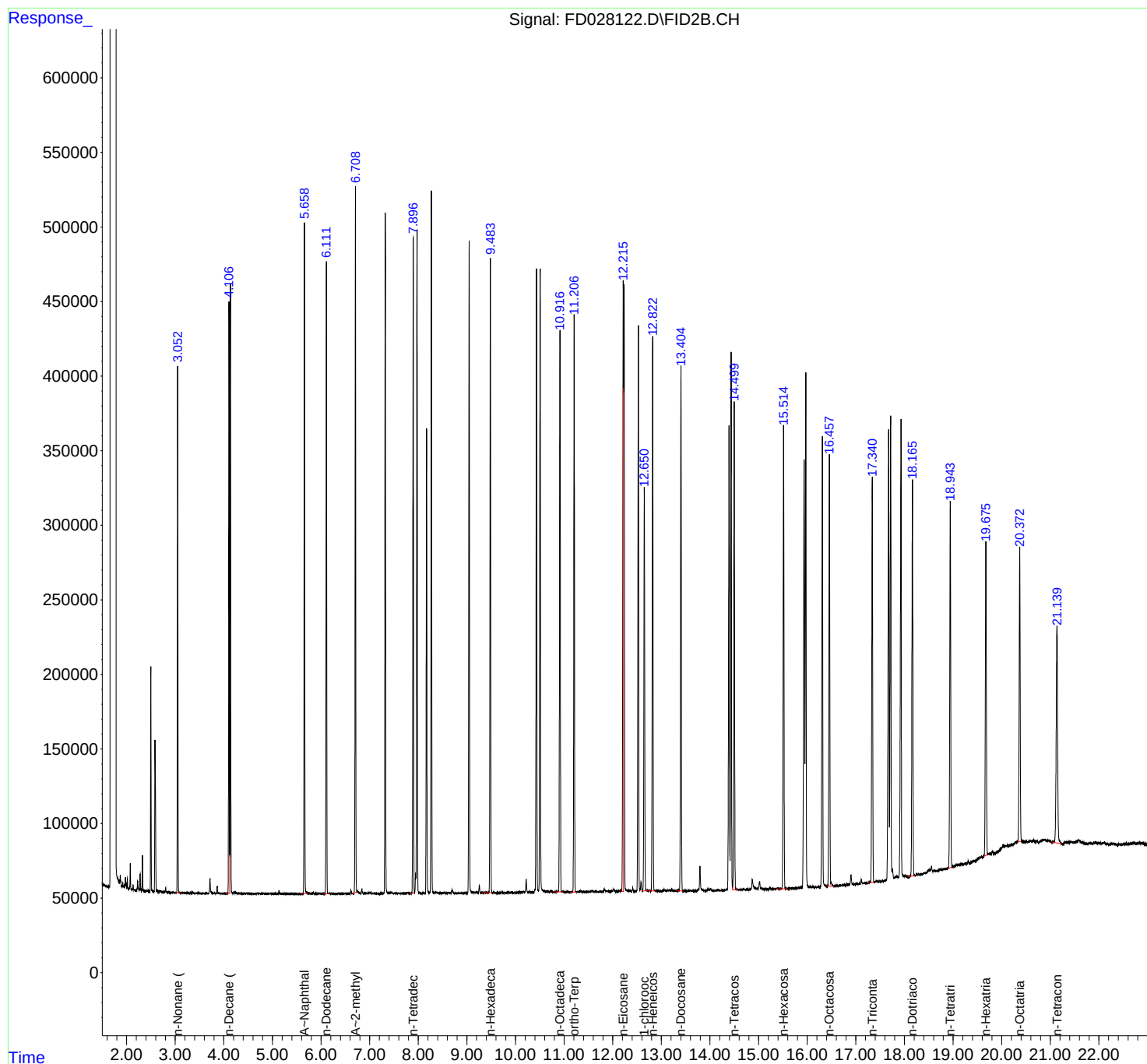
Instrument :
FID_D
ClientSampled :
Z-2-4MSD

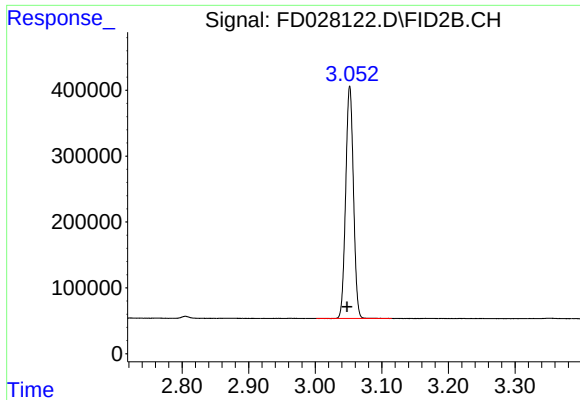
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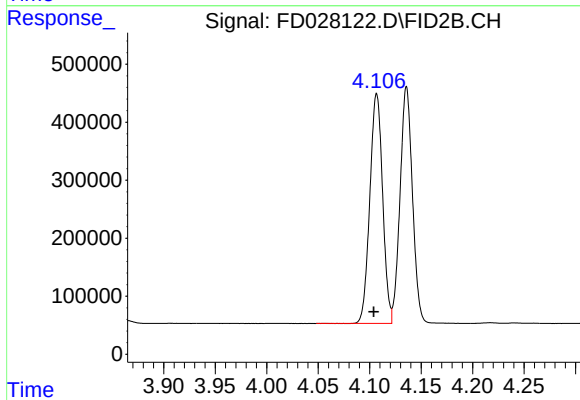
#1 n-Nonane (C9)

R.T.: 3.052 min
Delta R.T.: 0.004 min
Response: 2856597
Conc: 31.25 ug/ml

Instrument :
FID_D
ClientSampleId :
Z-2-4MSD

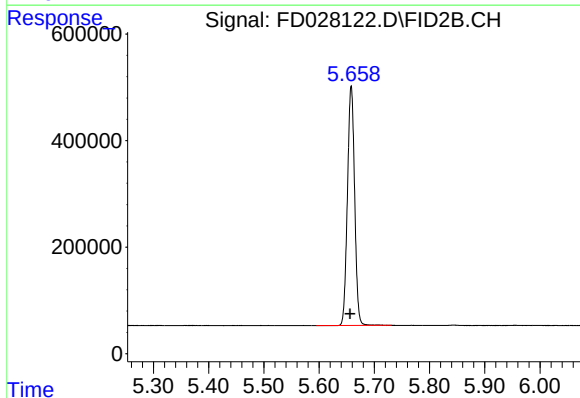
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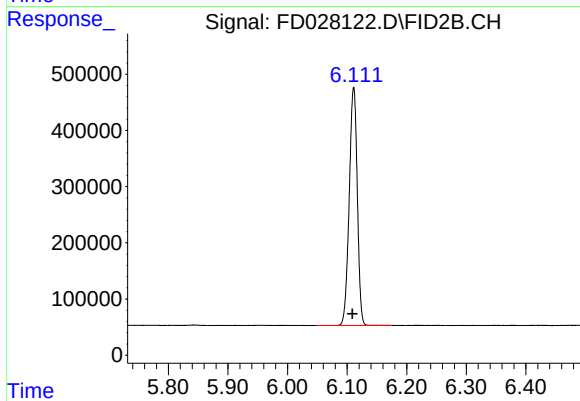
#2 n-Decane (C10)

R.T.: 4.107 min
Delta R.T.: 0.003 min
Response: 3423538
Conc: 36.71 ug/ml



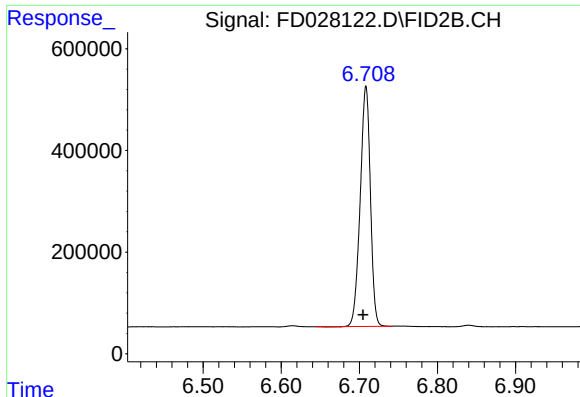
#3 A~Naphthalene (C11.7)

R.T.: 5.658 min
Delta R.T.: 0.002 min
Response: 4065549
Conc: 38.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 3984057
Conc: 42.21 ug/ml



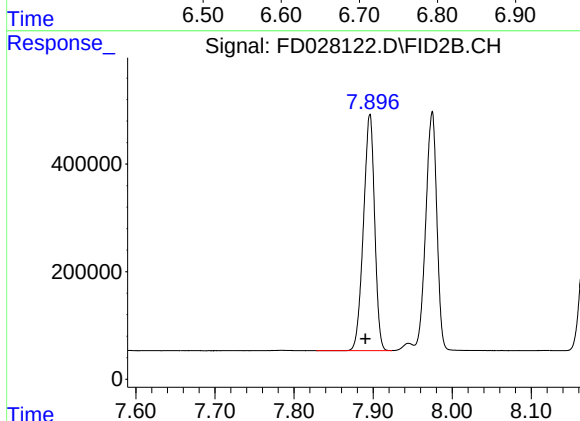
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.708 min
Delta R.T.: 0.004 min
Response: 4282964
Conc: 39.97 ug/ml

Instrument :
FID_D
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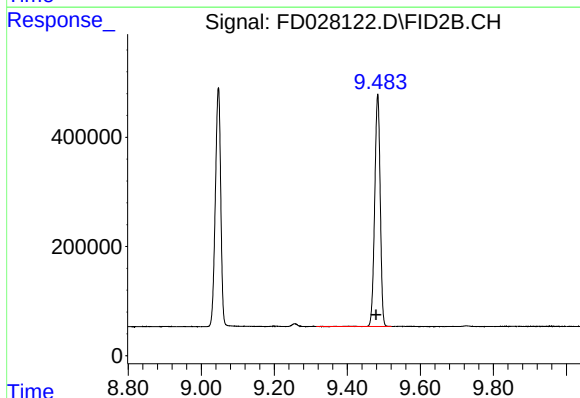
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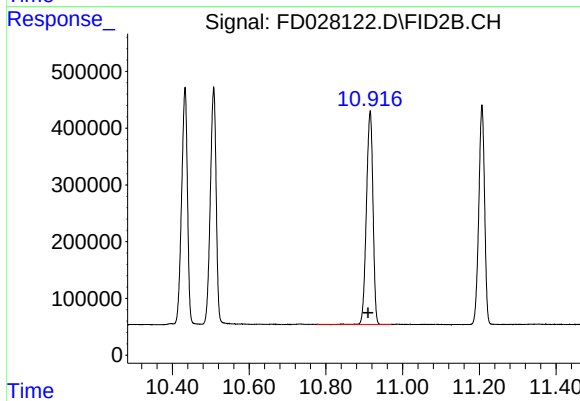
#6 n-Tetradecane (C14)

R.T.: 7.896 min
Delta R.T.: 0.006 min
Response: 4315679
Conc: 44.19 ug/ml



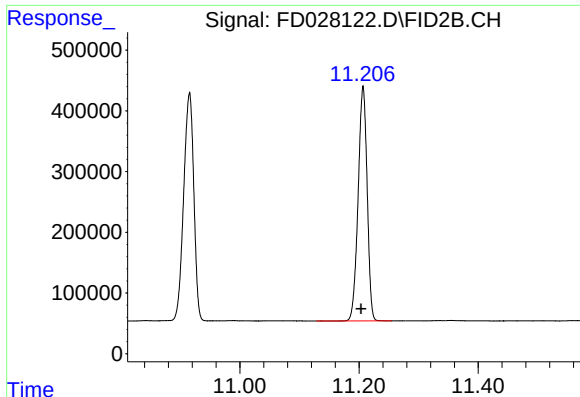
#7 n-Hexadecane (C16)

R.T.: 9.483 min
Delta R.T.: 0.004 min
Response: 4442878
Conc: 43.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.915 min
Delta R.T.: 0.005 min
Response: 4437419
Conc: 41.93 ug/ml



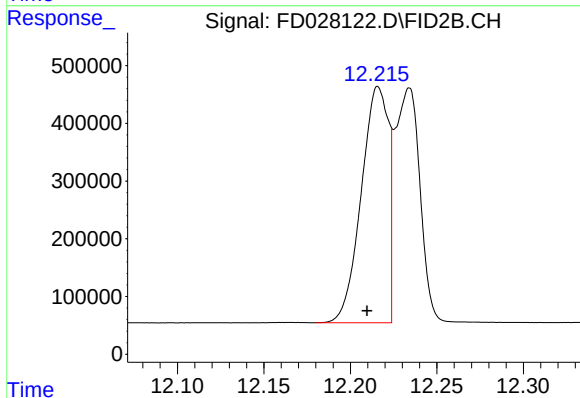
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.003 min
Response: 4052763
Conc: 29.12 ug/ml

Instrument :
FID_D
ClientSampleId :
Z-2-4MSD

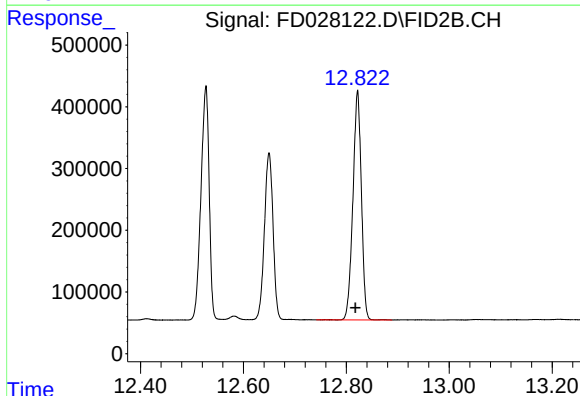
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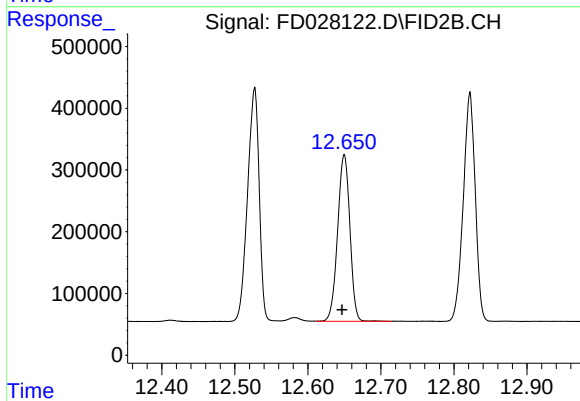
#10 n-Eicosane (C20)

R.T.: 12.215 min
Delta R.T.: 0.006 min
Response: 4466550
Conc: 41.45 ug/ml m



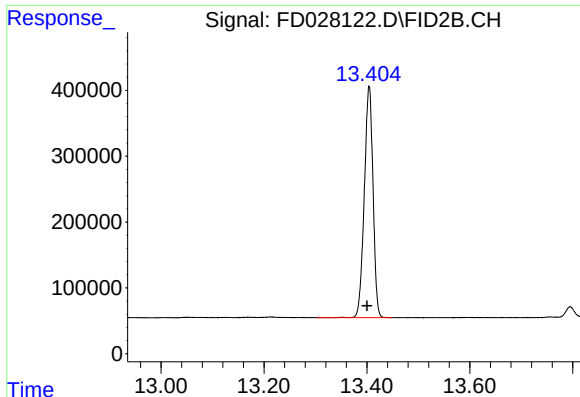
#11 n-Heneicosane (C21)

R.T.: 12.822 min
Delta R.T.: 0.004 min
Response: 4226480
Conc: 39.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 3153586
Conc: 29.36 ug/ml



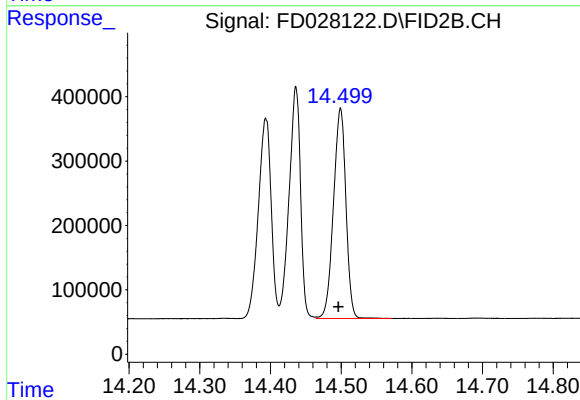
#13 n-Docosane (C22)

R.T.: 13.404 min
Delta R.T.: 0.004 min
Response: 4135839
Conc: 38.74 ug/ml

Instrument :
FID_D
ClientSampleId :
Z-2-4MSD

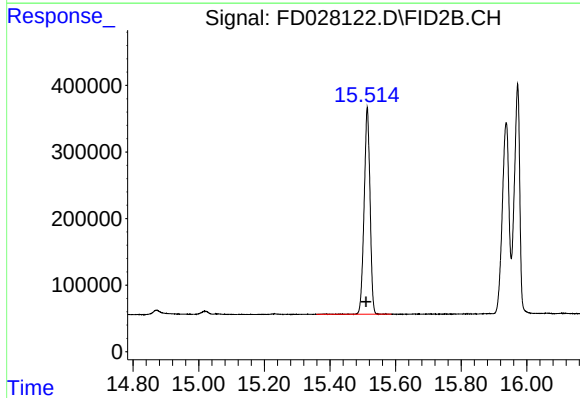
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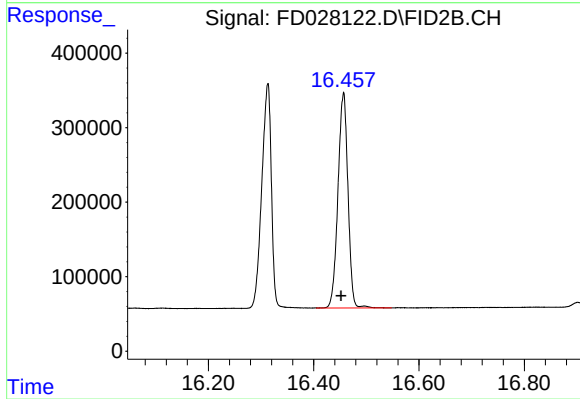
#14 n-Tetracosane (C24)

R.T.: 14.499 min
Delta R.T.: 0.003 min
Response: 3989463
Conc: 37.91 ug/ml



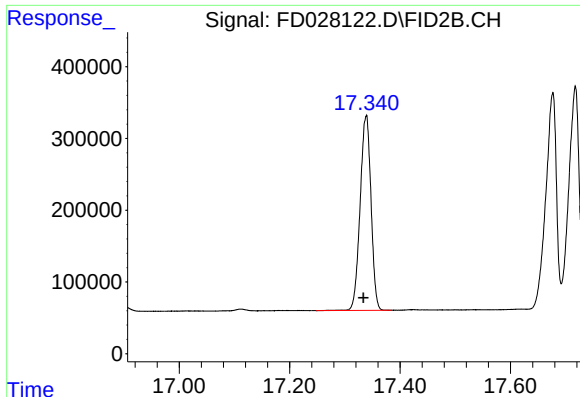
#15 n-Hexacosane (C26)

R.T.: 15.514 min
Delta R.T.: 0.004 min
Response: 3867792
Conc: 37.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.456 min
Delta R.T.: 0.004 min
Response: 3802508
Conc: 38.35 ug/ml



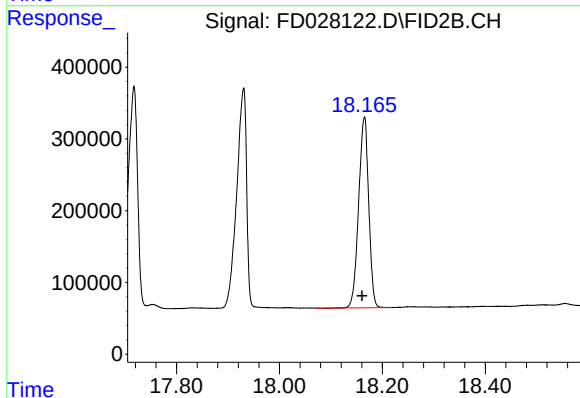
#17 n-Tricontane (C30)

R.T.: 17.338 min
Delta R.T.: 0.005 min
Response: 3711113
Conc: 39.30 ug/ml

Instrument :
FID_D
ClientSampleId :
Z-2-4MSD

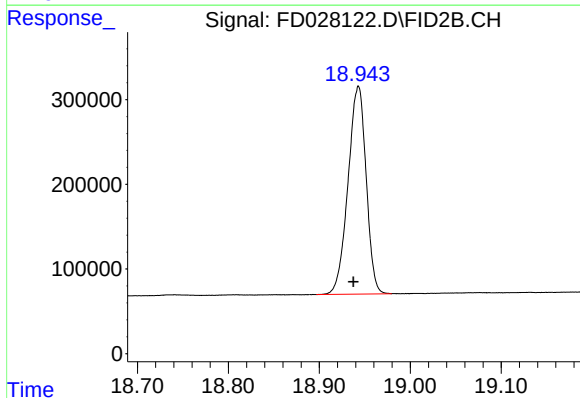
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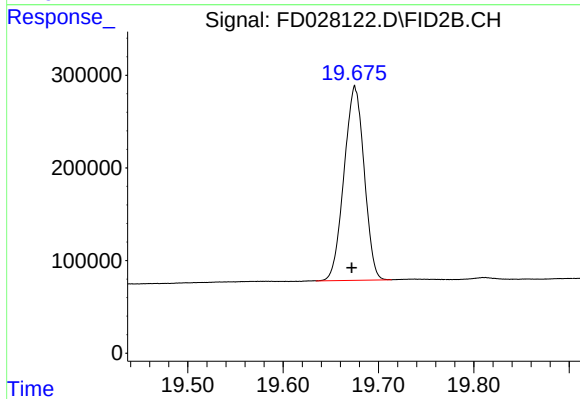
#18 n-Dotriacontane (C32)

R.T.: 18.165 min
Delta R.T.: 0.004 min
Response: 3603878
Conc: 41.78 ug/ml



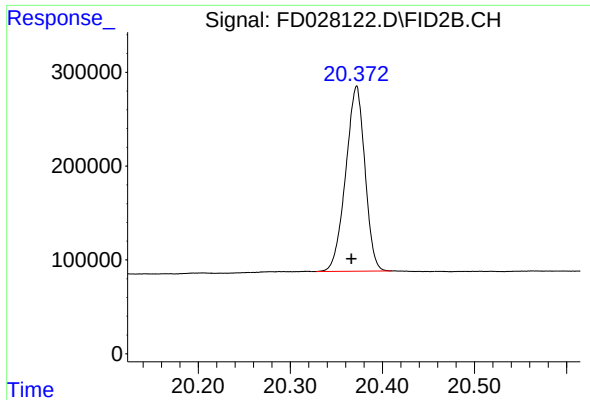
#19 n-Tetratriacontane (C34)

R.T.: 18.942 min
Delta R.T.: 0.005 min
Response: 3398765
Conc: 45.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 3072297
Conc: 47.68 ug/ml m



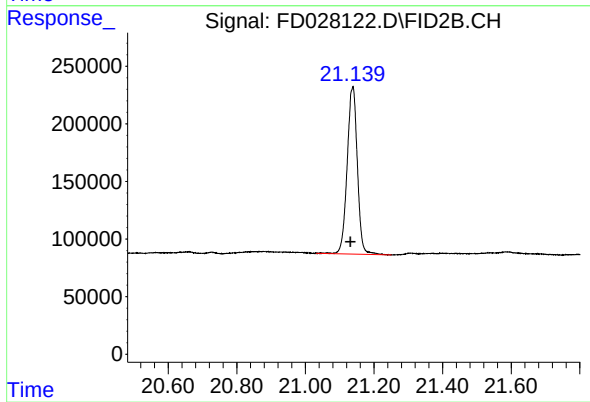
#21 n-Octatriacontane (C38)

R.T.: 20.372 min
Delta R.T.: 0.006 min
Response: 2858352
Conc: 47.45 ug/ml m

Instrument :
FID_D
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.138 min
Delta R.T.: 0.007 min
Response: 2992713
Conc: 50.56 ug/ml