

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028121.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2019 2:15
 Operator : AJ\SJ
 Sample : K1712-19MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 Z-2-4MS

Manual Integrations
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 3/6/2019 5:04:06 PM

Integration File: autoint1.e
 Quant Time: Mar 06 03:52:25 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	4063985	29.201 ug/ml
Spiked Amount 50.000		Recovery =	58.40%
12) S 1-chlorooctadecane (S...	12.650	3154115	29.366 ug/ml
Spiked Amount 50.000		Recovery =	58.73%
Target Compounds			
1) T n-Nonane (C9)	3.052	2844221	31.119 ug/ml
2) T n-Decane (C10)	4.107	3405051	36.517 ug/ml
3) T A~Naphthalene (C11.7)	5.659	4072312	38.626 ug/ml
4) T n-Dodecane (C12)	6.111	3958489	41.936 ug/ml
5) T A~2-methylnaphthalene...	6.708	4355073	40.648 ug/ml
6) T n-Tetradecane (C14)	7.895	4280555	43.828 ug/ml
7) T n-Hexadecane (C16)	9.483	4395885	43.370 ug/ml
8) T n-Octadecane (C18)	10.914	4417310	41.736 ug/ml
10) T n-Eicosane (C20)	12.216	5069438	47.042 ug/mlm
11) T n-Heneicosane (C21)	12.822	4216743	39.663 ug/ml
13) T n-Docosane (C22)	13.404	4134699	38.732 ug/ml
14) T n-Tetracosane (C24)	14.499	4004813	38.053 ug/ml
15) T n-Hexacosane (C26)	15.516	3873434	37.932 ug/ml
16) T n-Octacosane (C28)	16.458	3755916	37.876 ug/ml
17) T n-Tricontane (C30)	17.340	3734062	39.542 ug/ml
18) T n-Dotriacontane (C32)	18.165	3629781	42.084 ug/ml
19) T n-Tetratriacontane (C34)	18.943	3434528	46.130 ug/mlm
20) T n-Hexatriacontane (C36)	19.675	3109971	48.266 ug/mlm
21) T n-Octatriacontane (C38)	20.370	2893579	48.038 ug/mlm
22) T n-Tetracontane (C40)	21.137	3052305	51.564 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
Sample : K1712-19MS
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ALS Vial : 70 Sample Multiplier: 1

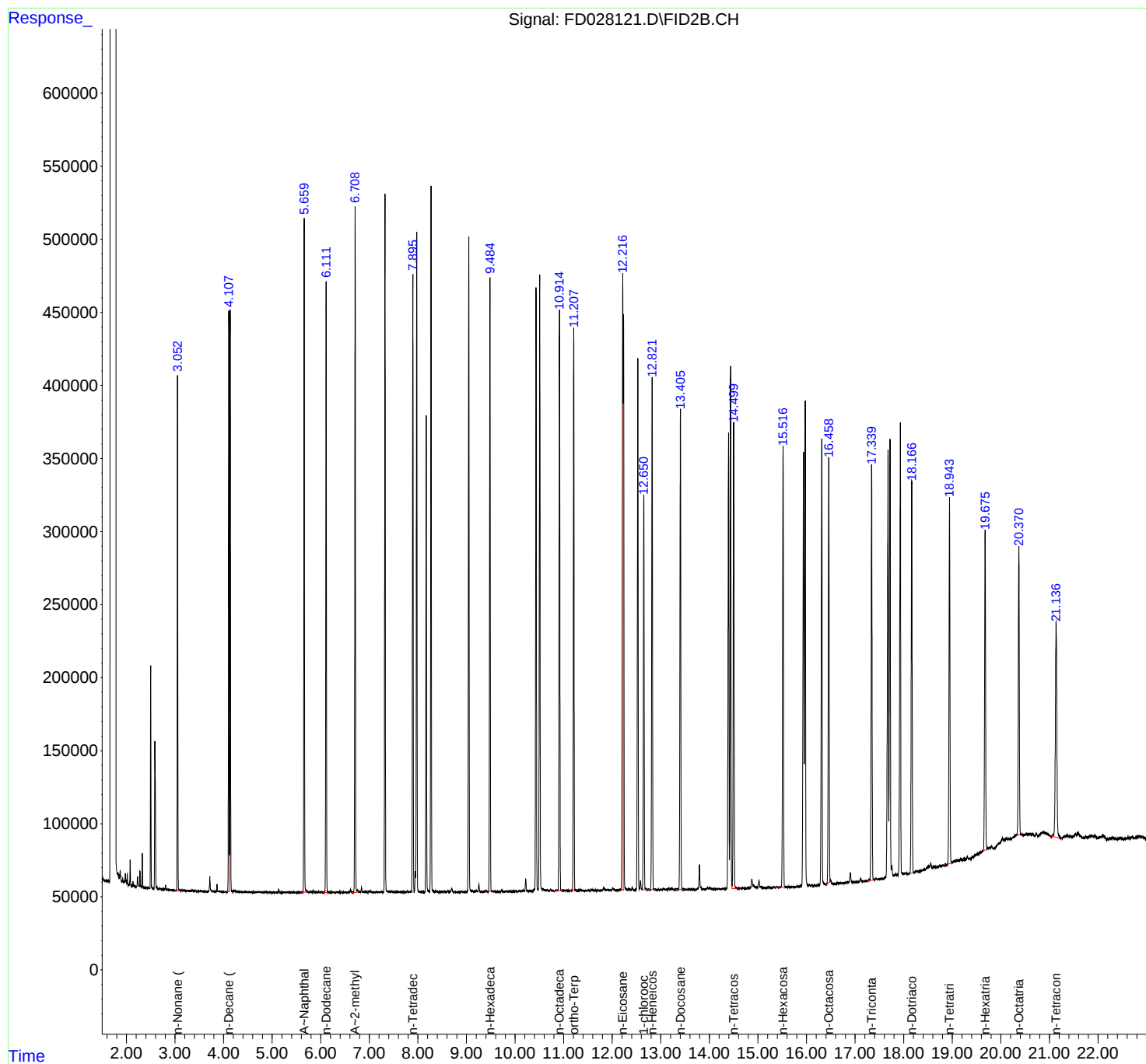
Instrument :
FID_D
ClientSampled :
Z-2-4MS

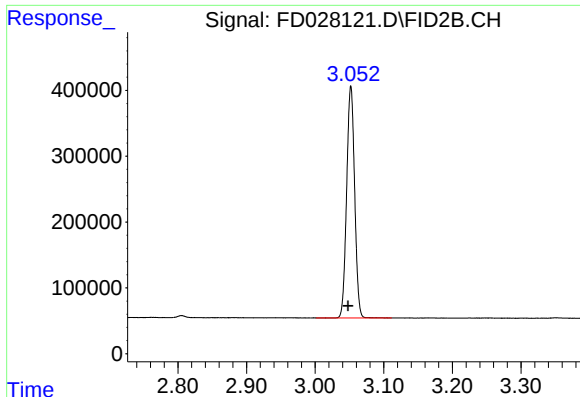
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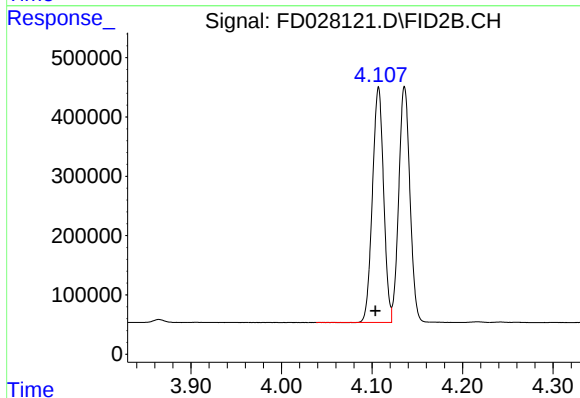
#1 n-Nonane (C9)

R.T.: 3.052 min
Delta R.T.: 0.004 min
Response: 2844221
Conc: 31.12 ug/ml

Instrument :
FID_D
ClientSampleId :
Z-2-4MS

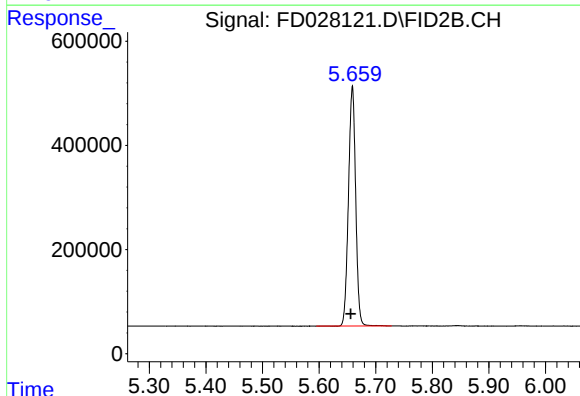
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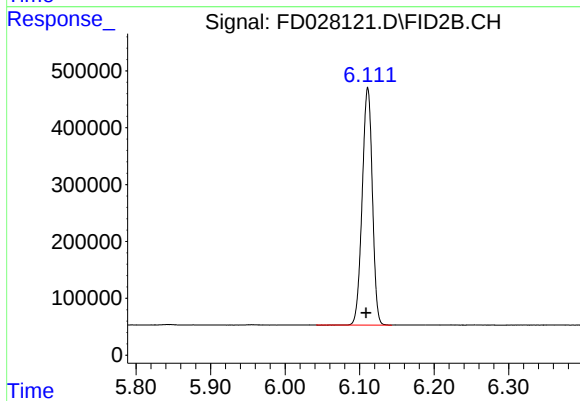
#2 n-Decane (C10)

R.T.: 4.107 min
Delta R.T.: 0.003 min
Response: 3405051
Conc: 36.52 ug/ml



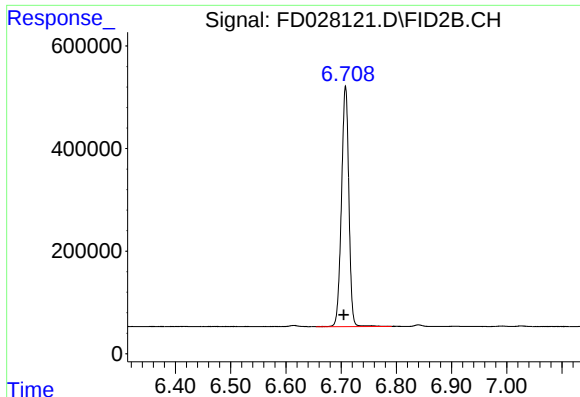
#3 A~Naphthalene (C11.7)

R.T.: 5.659 min
Delta R.T.: 0.003 min
Response: 4072312
Conc: 38.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 3958489
Conc: 41.94 ug/ml



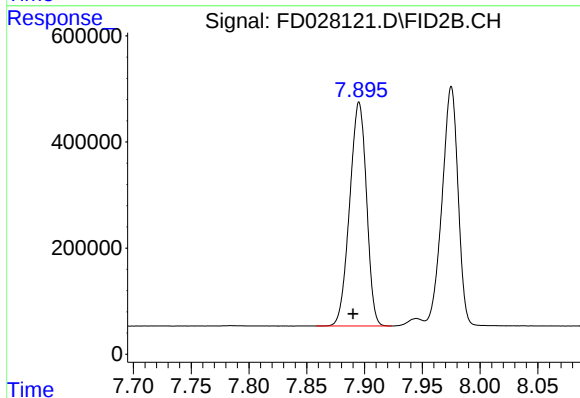
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.708 min
Delta R.T.: 0.003 min
Response: 4355073
Conc: 40.65 ug/ml

Instrument :
FID_D
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Z-2-4MS

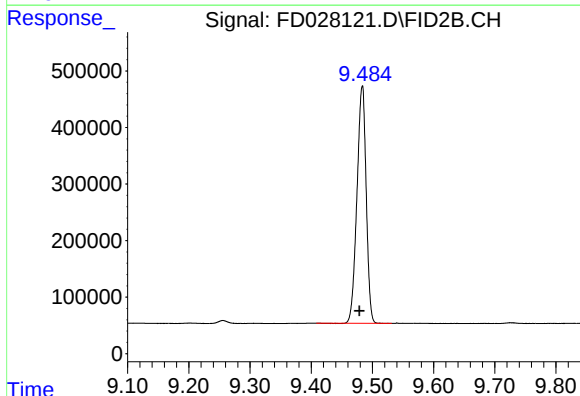
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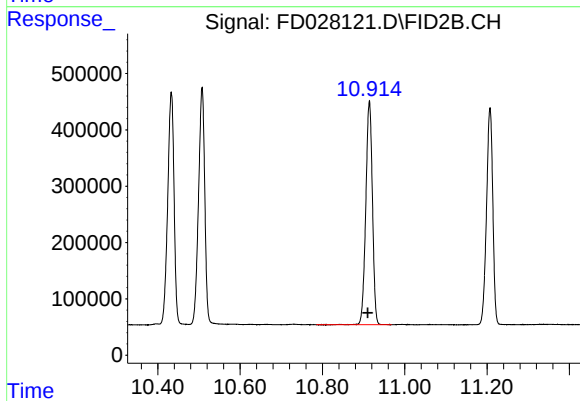
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: 0.005 min
Response: 4280555
Conc: 43.83 ug/ml



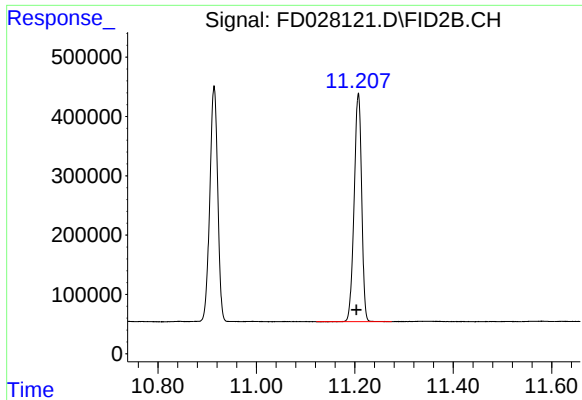
#7 n-Hexadecane (C16)

R.T.: 9.483 min
Delta R.T.: 0.004 min
Response: 4395885
Conc: 43.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.914 min
Delta R.T.: 0.004 min
Response: 4417310
Conc: 41.74 ug/ml



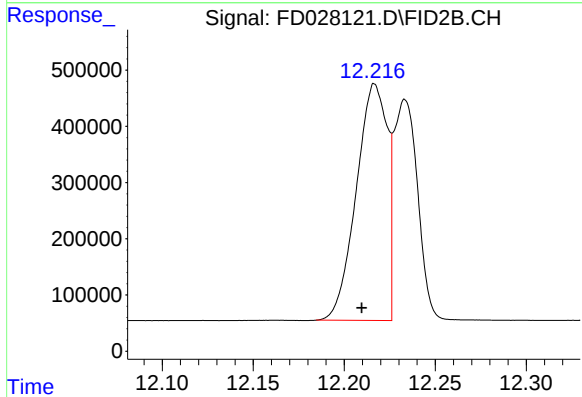
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.004 min
Response: 4063985
Conc: 29.20 ug/ml

Instrument :
FID_D
ClientSampleId :
Z-2-4MS

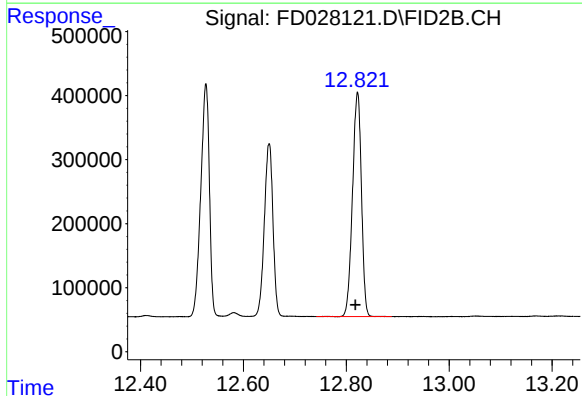
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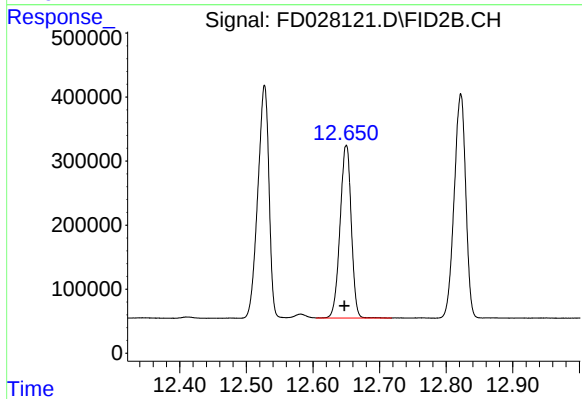
#10 n-Eicosane (C20)

R.T.: 12.216 min
Delta R.T.: 0.006 min
Response: 5069438
Conc: 47.04 ug/ml m



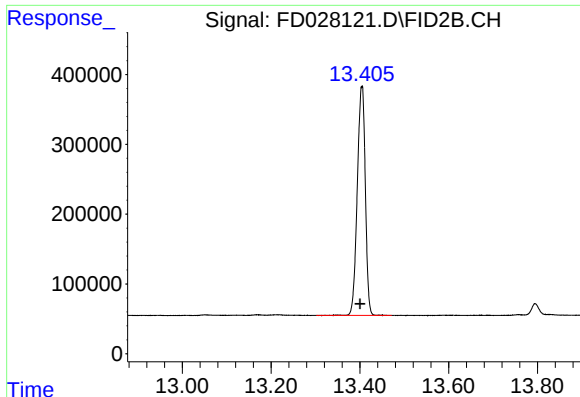
#11 n-Heneicosane (C21)

R.T.: 12.822 min
Delta R.T.: 0.004 min
Response: 4216743
Conc: 39.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 3154115
Conc: 29.37 ug/ml



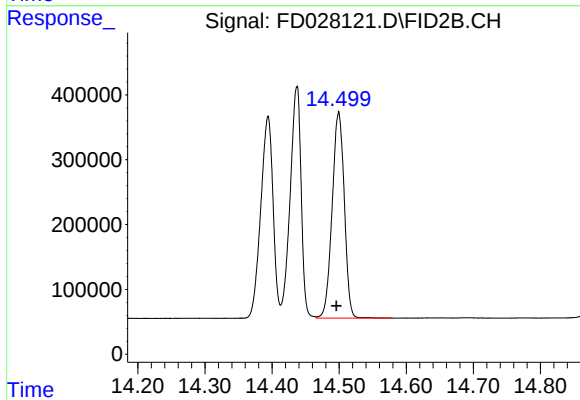
#13 n-Docosane (C22)

R.T.: 13.404 min
Delta R.T.: 0.004 min
Response: 4134699
Conc: 38.73 ug/ml

Instrument :
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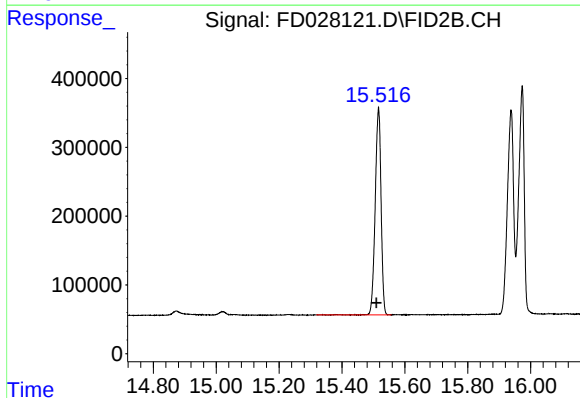
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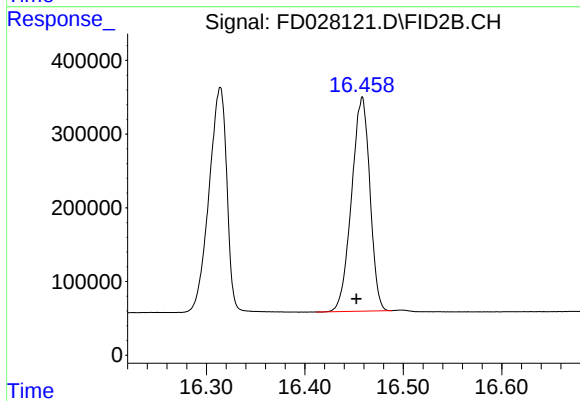
#14 n-Tetracosane (C24)

R.T.: 14.499 min
Delta R.T.: 0.003 min
Response: 4004813
Conc: 38.05 ug/ml



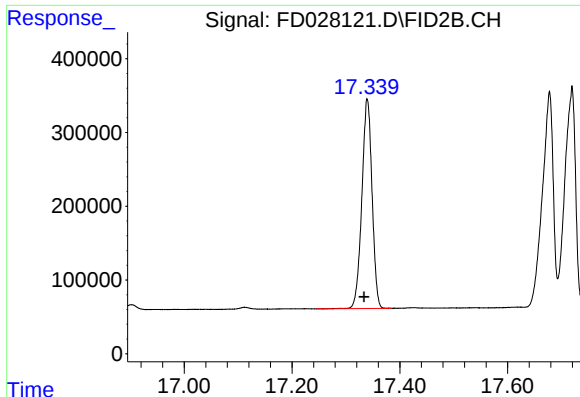
#15 n-Hexacosane (C26)

R.T.: 15.516 min
Delta R.T.: 0.006 min
Response: 3873434
Conc: 37.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.458 min
Delta R.T.: 0.006 min
Response: 3755916
Conc: 37.88 ug/ml



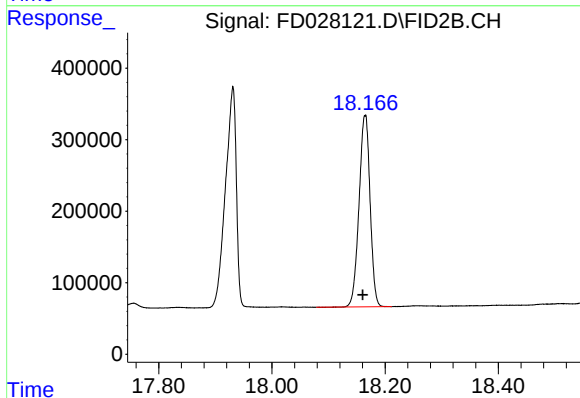
#17 n-Tricontane (C30)

R.T.: 17.340 min
Delta R.T.: 0.006 min
Response: 3734062
Conc: 39.54 ug/ml

Instrument :
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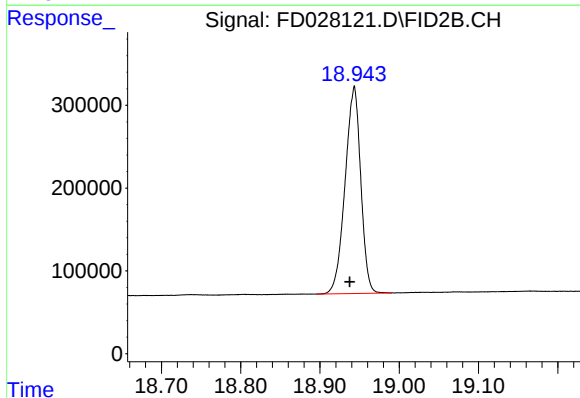
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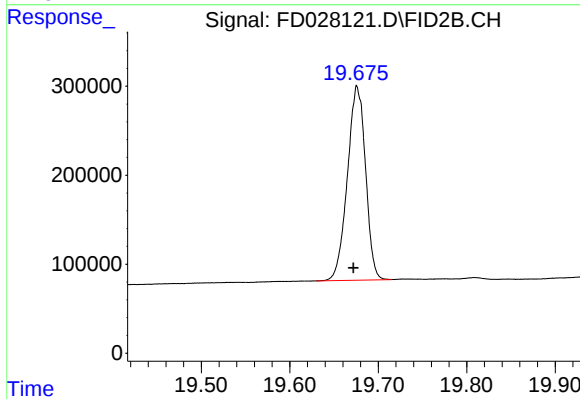
#18 n-Dotriacontane (C32)

R.T.: 18.165 min
Delta R.T.: 0.004 min
Response: 3629781
Conc: 42.08 ug/ml



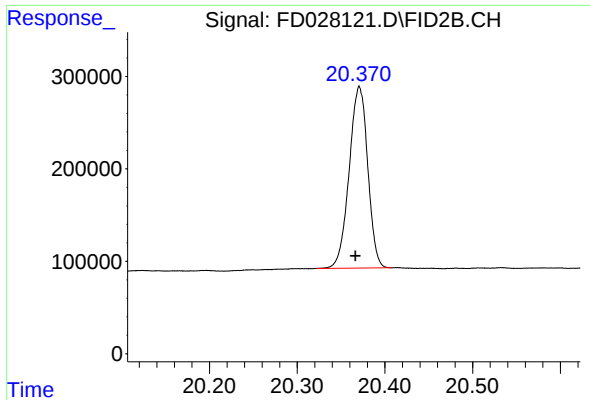
#19 n-Tetratriacontane (C34)

R.T.: 18.943 min
Delta R.T.: 0.006 min
Response: 3434528
Conc: 46.13 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 3109971
Conc: 48.27 ug/ml m



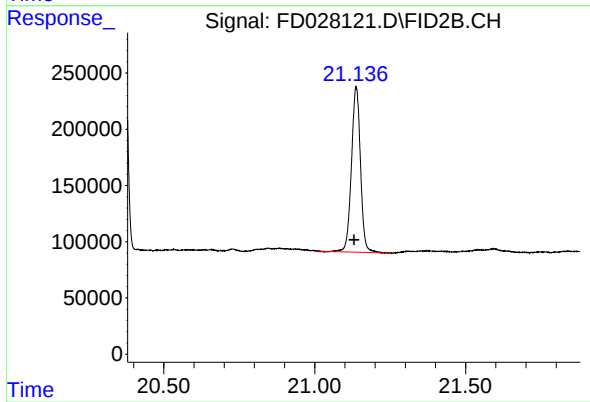
#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.004 min
Response: 2893579
Conc: 48.04 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.137 min
Delta R.T.: 0.006 min
Response: 3052305
Conc: 51.56 ug/ml