

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061424AL\
 Data File : FE048731.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2024 16:24
 Operator : YP\AJ
 Sample : P2889-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WCS-TPJMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/17/2024

Supervised By :Ankita Jodhani 06/17/2024

Integration File: autoint1.e

Quant Time: Jun 15 00:52:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 2024

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)	11.940	5310940	36.985 ug/ml
Spiked Amount 50.000		Recovery =	73.97%
12) S 1-chlorooctadecane (S...	13.373	4627770	42.479 ug/ml
Spiked Amount 50.000		Recovery =	84.96%
Target Compounds			
1) T n-Nonane (C9)	3.328	3952214	26.435 ug/ml
2) T n-Decane (C10)	4.578	4542172	30.080 ug/ml
3) T A~Naphthalene (C11.7)	6.281	5077277	34.099 ug/ml
4) T n-Dodecane (C12)	6.742	4684397	31.646 ug/ml
5) T A~2-methylnaphthalene...	7.378	5190340	37.434 ug/ml
6) T n-Tetradecane (C14)	8.571	5015041	35.359 ug/ml
7) T n-Hexadecane (C16)	10.177	5291503	37.534 ug/ml
8) T n-Octadecane (C18)	11.620	5432951	39.118 ug/ml
10) T n-Eicosane (C20)	12.930	5600473	42.320 ug/ml
11) T n-Heneicosane (C21)	13.541	5287628	40.822 ug/ml
13) T n-Docosane (C22)	14.126	5382350	41.768 ug/ml
14) T n-Tetracosane (C24)	15.220	9961265	76.891 ug/ml
15) T n-Hexacosane (C26)	16.250	5541984	42.760 ug/ml
16) T n-Octacosane (C28)	17.199	5782882	44.741 ug/ml
17) T n-Tricontane (C30)	18.086	5535034	41.318 ug/ml
18) T n-Dotriacontane (C32)	18.917	5776806	42.558 ug/ml
19) T n-Tetratriacontane (C34)	19.699	5803534	42.423 ug/ml
20) T n-Hexatriacontane (C36)	20.440	5702863	41.953 ug/ml
21) T n-Octatriacontane (C38)	21.178	5795787	42.500 ug/ml
22) T n-Tetracontane (C40)	22.092	5579558	40.750 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2889-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

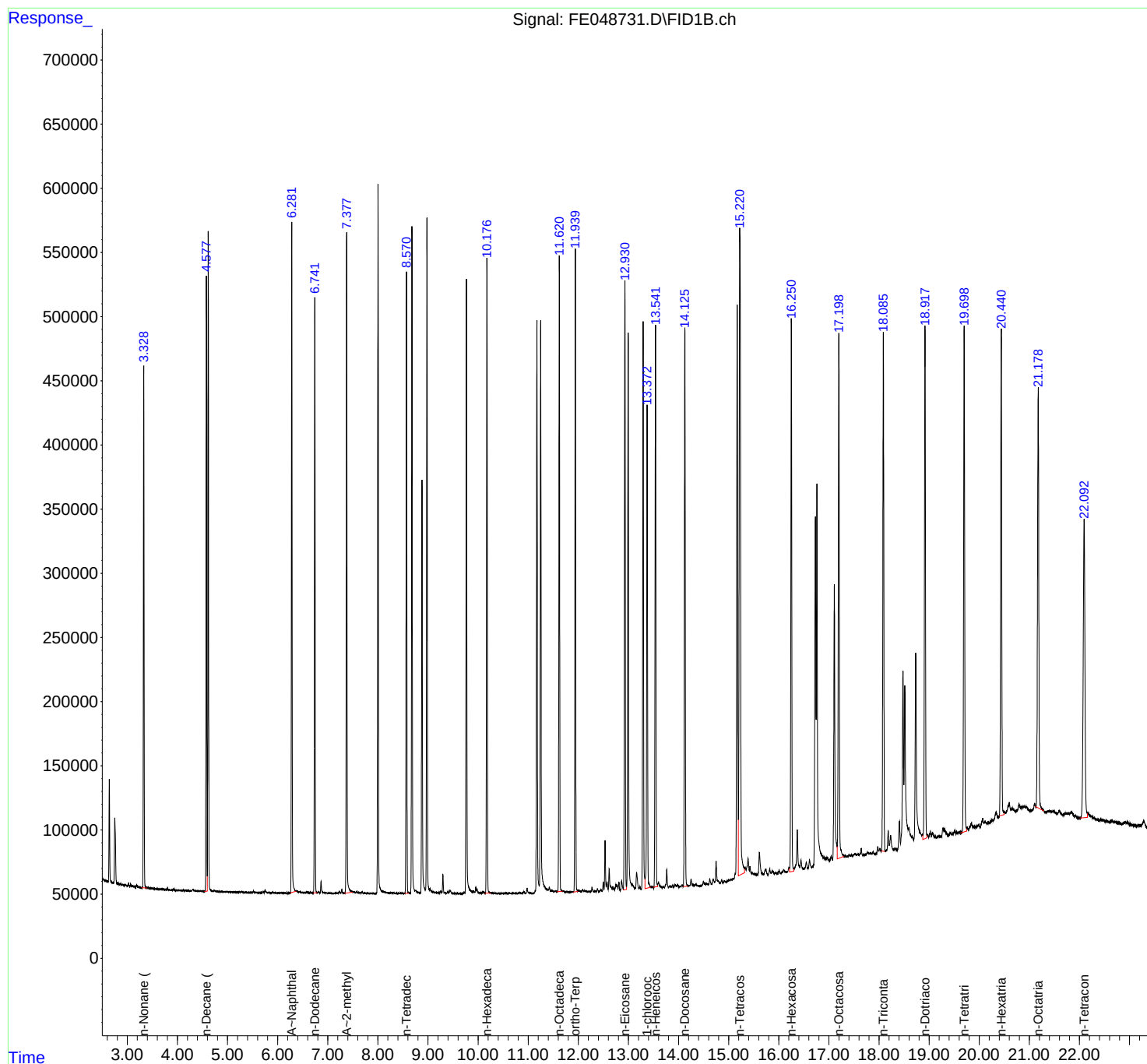
Instrument :
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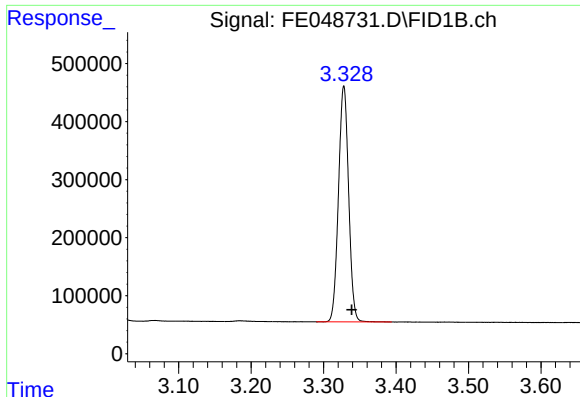
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QLast Update : Fri May 24 16:28:51 2024
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.011 min
Response: 3952214
Conc: 26.44 ug/ml

Instrument :

FID_E

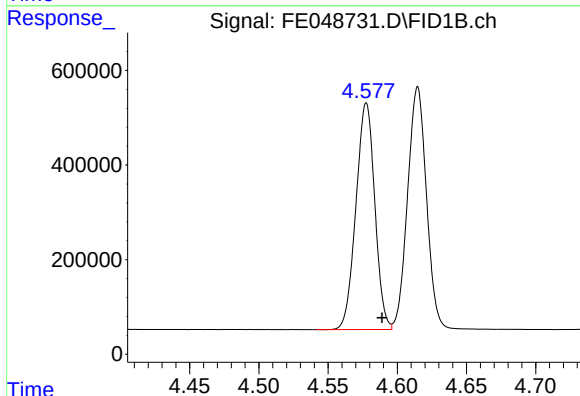
ClientSampleId :

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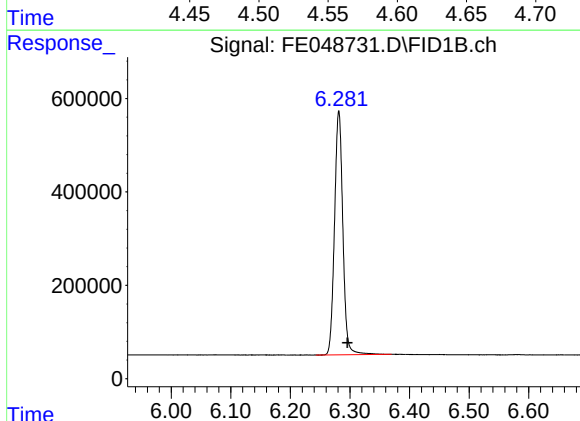
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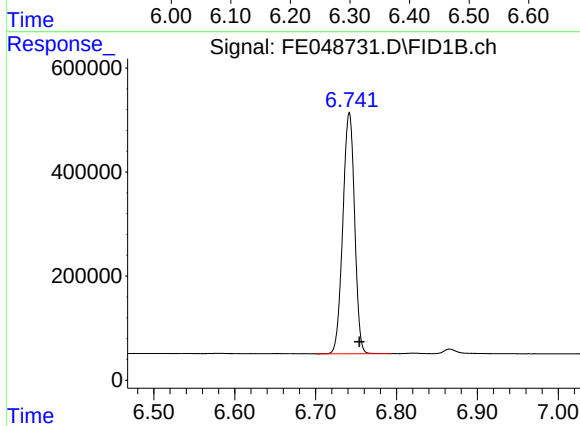
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.011 min
Response: 4542172
Conc: 30.08 ug/ml



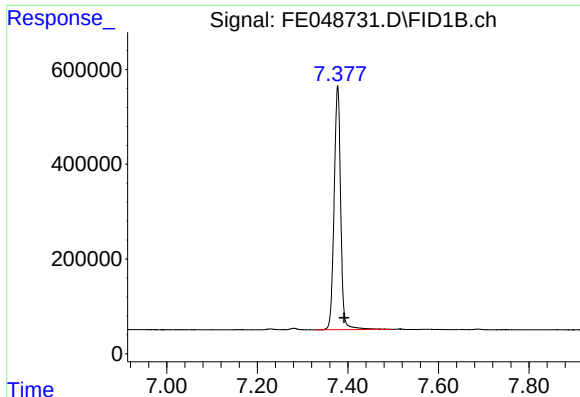
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 5077277
Conc: 34.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 4684397
Conc: 31.65 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.014 min
Response: 5190340
Conc: 37.43 ug/ml

Instrument :

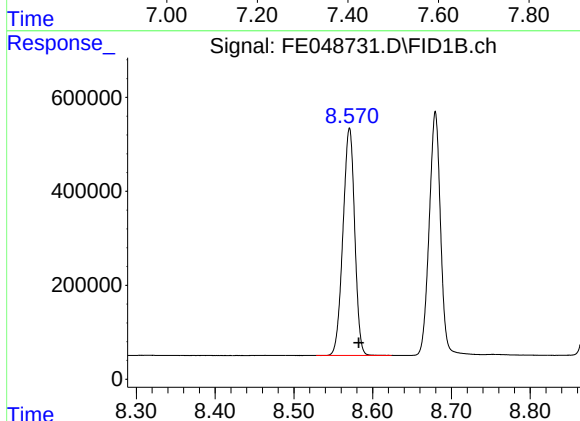
FID_E

ClientSampleId :

WCS-TPJMS

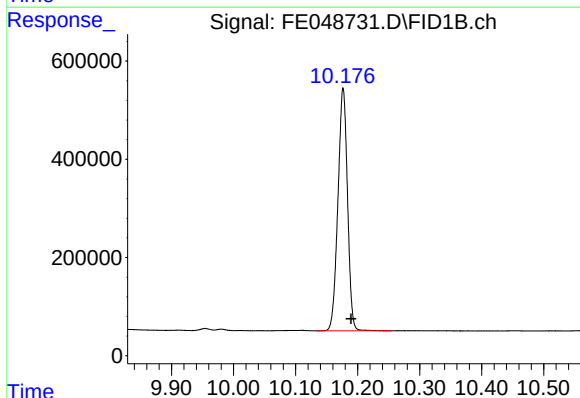
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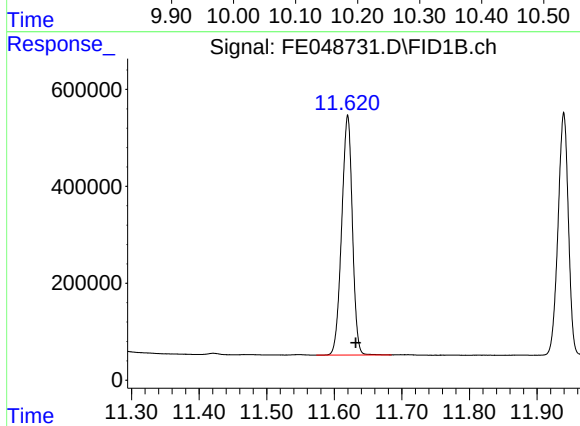
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.012 min
Response: 5015041
Conc: 35.36 ug/ml



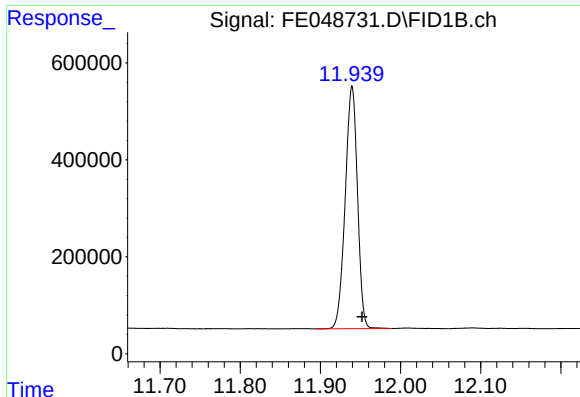
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.013 min
Response: 5291503
Conc: 37.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.012 min
Response: 5432951
Conc: 39.12 ug/ml



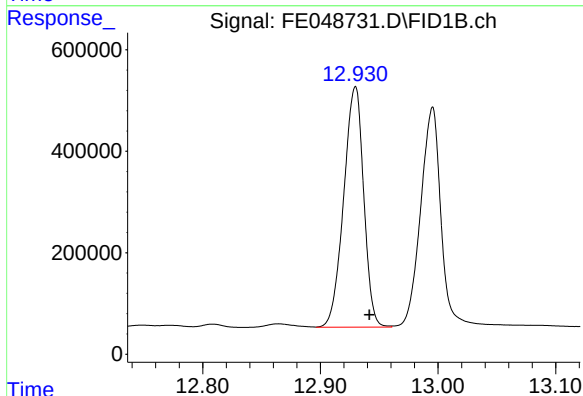
#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.012 min
Response: 5310940
Conc: 36.99 ug/ml

Instrument :
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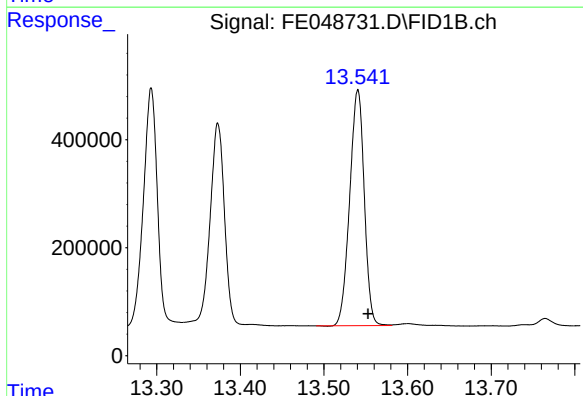
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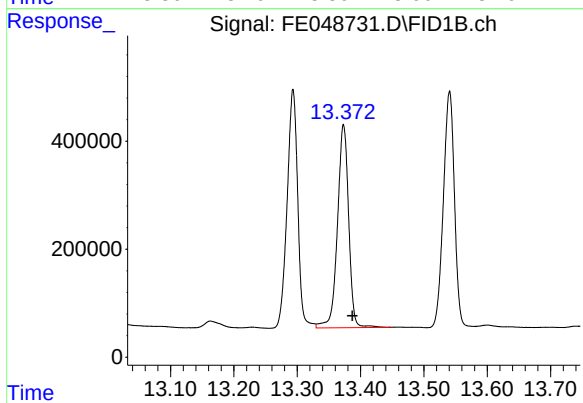
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.012 min
Response: 5600473
Conc: 42.32 ug/ml



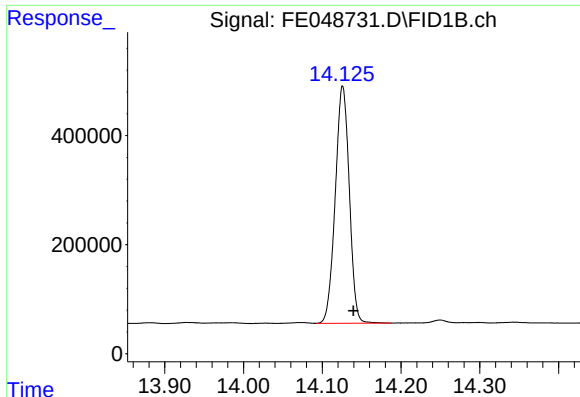
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.012 min
Response: 5287628
Conc: 40.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.014 min
Response: 4627770
Conc: 42.48 ug/ml



#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.014 min
Response: 5382350
Conc: 41.77 ug/ml

Instrument :

FID_E

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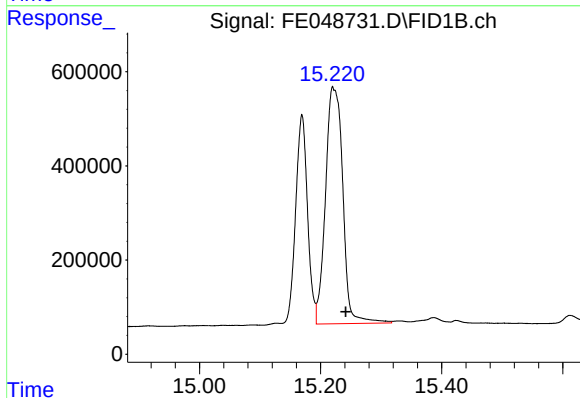
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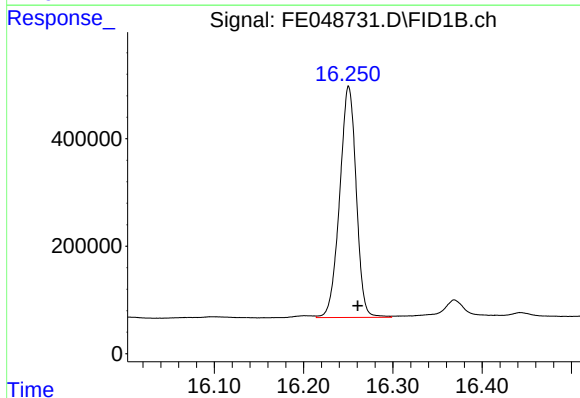
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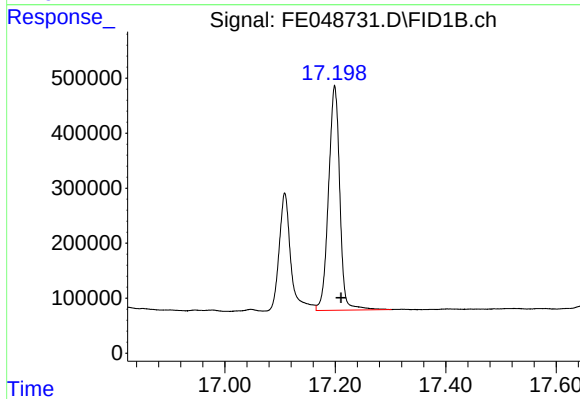
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.021 min
Response: 9961265
Conc: 76.89 ug/ml



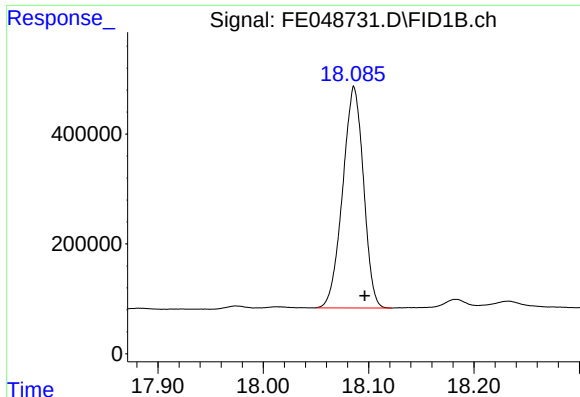
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.010 min
Response: 5541984
Conc: 42.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.011 min
Response: 5782882
Conc: 44.74 ug/ml



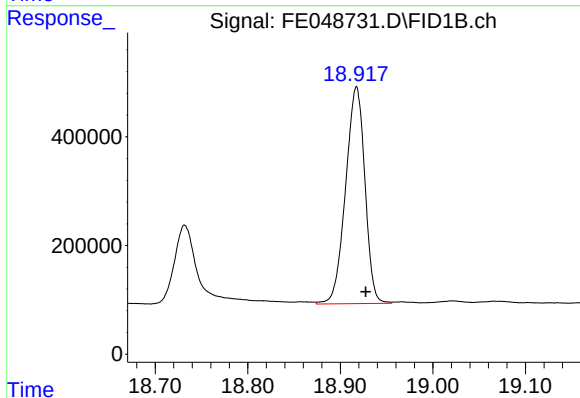
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.010 min
Response: 5535034
Conc: 41.32 ug/ml

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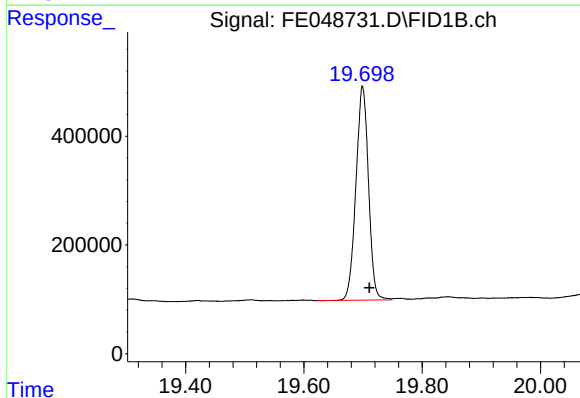
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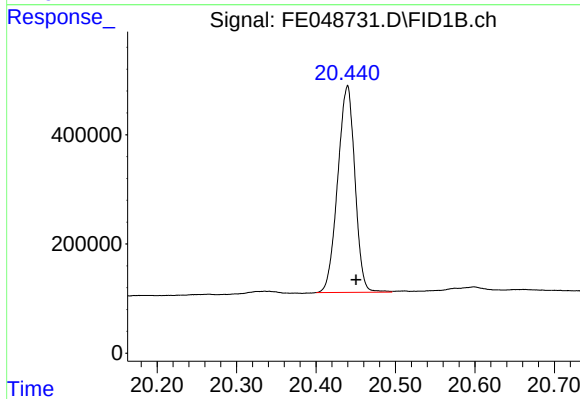
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.010 min
Response: 5776806
Conc: 42.56 ug/ml



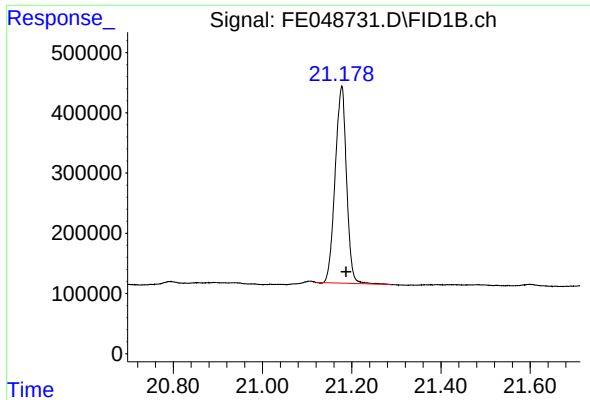
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.012 min
Response: 5803534
Conc: 42.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.011 min
Response: 5702863
Conc: 41.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.010 min
Response: 5795787
Conc: 42.50 ug/ml

Instrument :

FID_E

ClientSampleId :

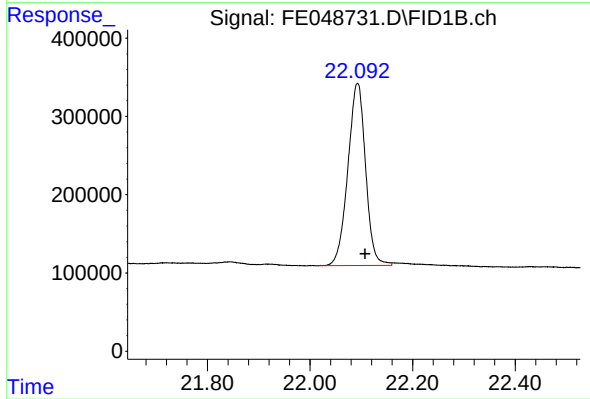
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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.015 min
Response: 5579558
Conc: 40.75 ug/ml m