

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051424AL\
 Data File : FE048169.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2024 19:34
 Operator : YP\AJ
 Sample : P2469-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-AMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/15/2024

Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e

Quant Time: May 15 05:57:01 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.959	5850497	40.554 ug/ml
Spiked Amount 50.000		Recovery =	81.11%
12) S 1-chlorooctadecane (S...	13.392	4922909	44.056 ug/ml
Spiked Amount 50.000		Recovery =	88.11%
Target Compounds			
1) T n-Nonane (C9)	3.347	4030341	31.272 ug/ml
2) T n-Decane (C10)	4.597	4560307	34.638 ug/ml
3) T A~Naphthalene (C11.7)	6.300	5148927	37.289 ug/ml
4) T n-Dodecane (C12)	6.760	4753125	35.654 ug/ml
5) T A~2-methylnaphthalene...	7.397	5447645	40.937 ug/ml
6) T n-Tetradecane (C14)	8.590	5397407	40.728 ug/ml
7) T n-Hexadecane (C16)	10.196	5782149	42.042 ug/ml
8) T n-Octadecane (C18)	11.639	5760577	41.355 ug/ml
10) T n-Eicosane (C20)	12.947	5763880	42.808 ug/ml
11) T n-Heneicosane (C21)	13.559	5542788	41.872 ug/ml
13) T n-Docosane (C22)	14.144	5523800	41.683 ug/ml
14) T n-Tetracosane (C24)	15.239	9700838	72.855 ug/ml
15) T n-Hexacosane (C26)	16.266	5506601	41.265 ug/ml
16) T n-Octacosane (C28)	17.215	5641392	42.370 ug/ml
17) T n-Tricontane (C30)	18.102	5678316	41.143 ug/ml
18) T n-Dotriacontane (C32)	18.934	5658558	40.967 ug/ml
19) T n-Tetratriacontane (C34)	19.717	5711346	41.927 ug/ml
20) T n-Hexatriacontane (C36)	20.456	5537559	40.898 ug/mlm
21) T n-Octatriacontane (C38)	21.198	5705167	41.322 ug/mlm
22) T n-Tetracontane (C40)	22.119	5901959	42.362 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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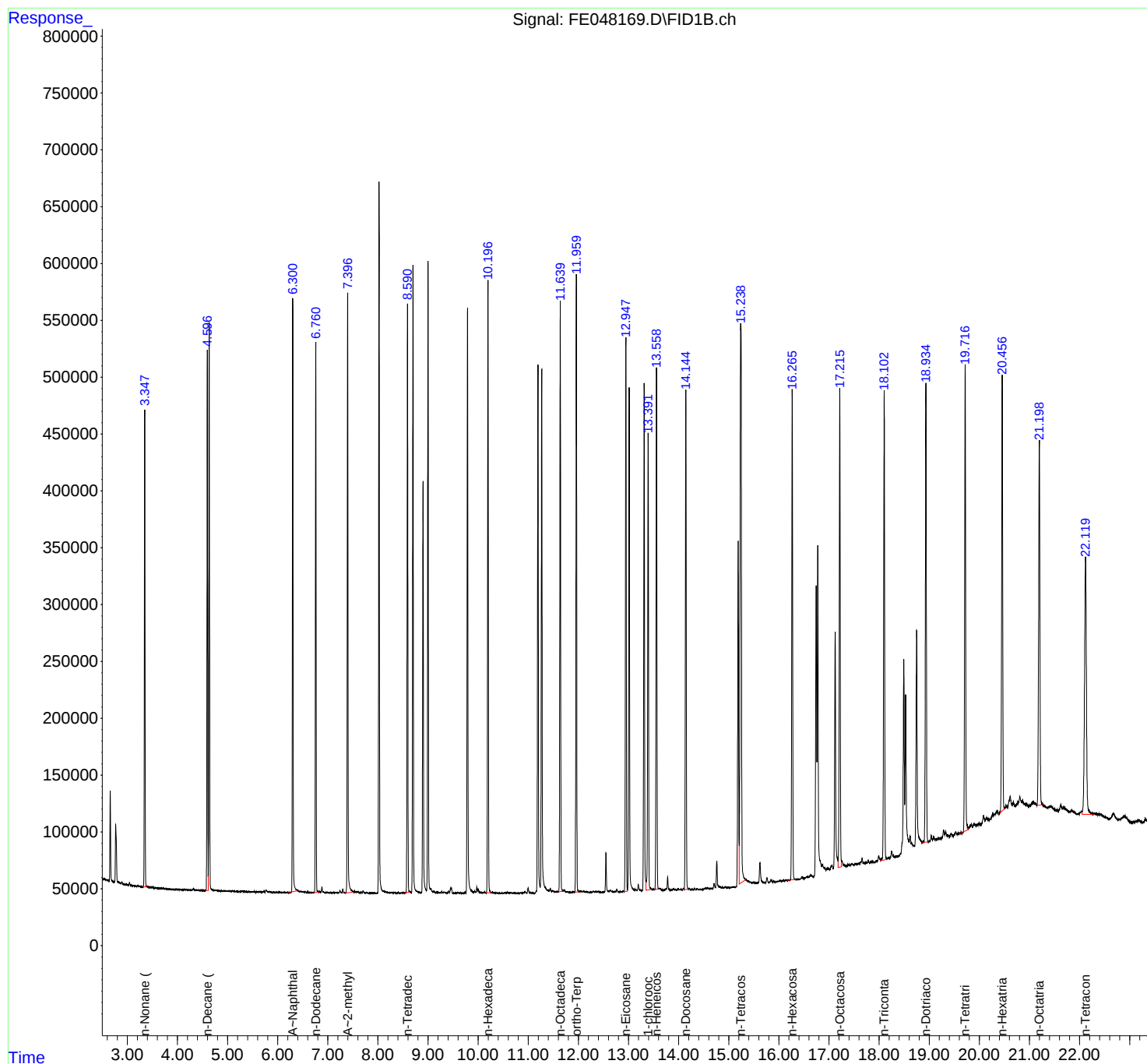
Response via : Initial Calibration

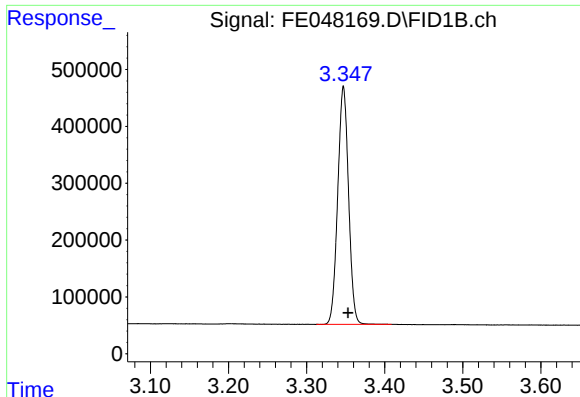
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.006 min
Response: 4030341
Conc: 31.27 ug/ml

Instrument :

FID_E

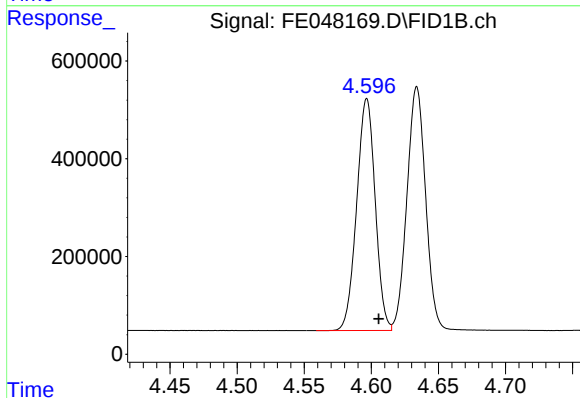
ClientSampleId :

MH-AMS

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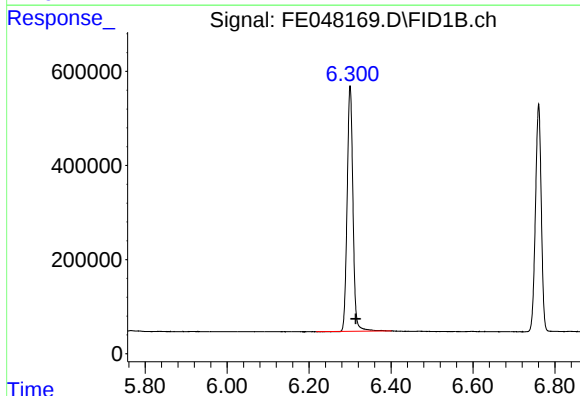
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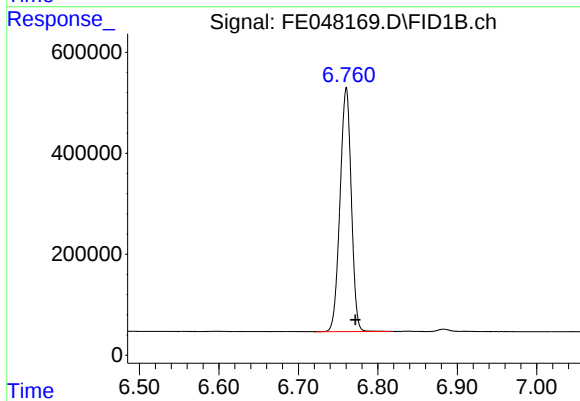
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.009 min
Response: 4560307
Conc: 34.64 ug/ml



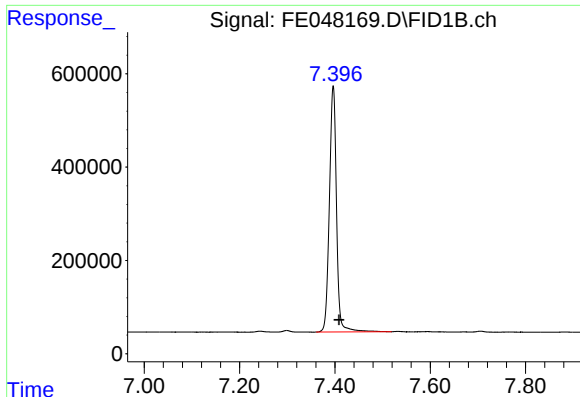
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.013 min
Response: 5148927
Conc: 37.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.011 min
Response: 4753125
Conc: 35.65 ug/ml



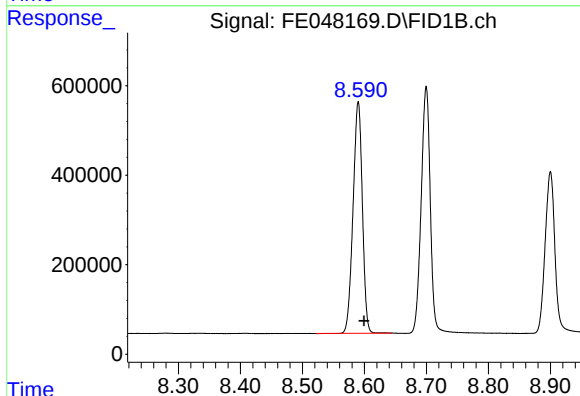
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.397 min
Delta R.T.: -0.012 min
Response: 5447645
Conc: 40.94 ug/ml

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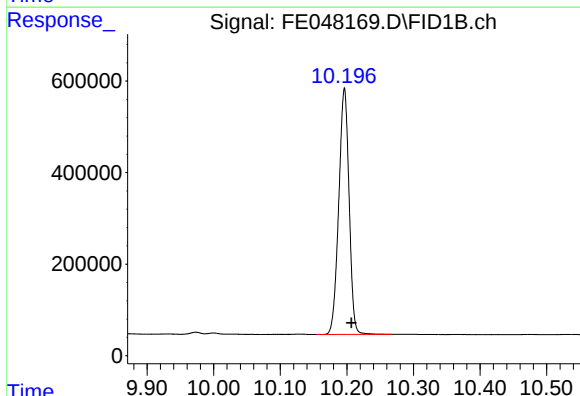
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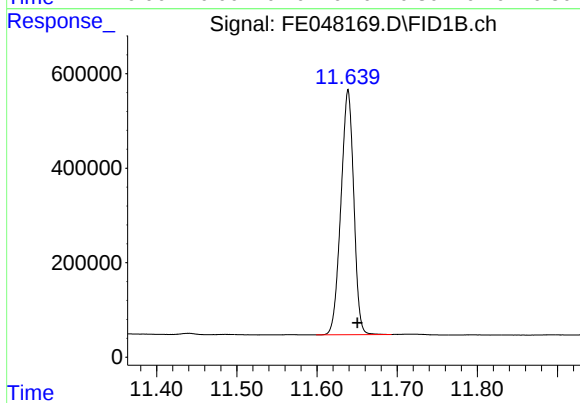
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.009 min
Response: 5397407
Conc: 40.73 ug/ml



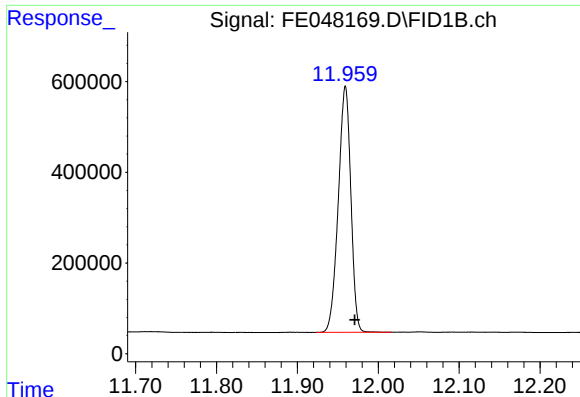
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.011 min
Response: 5782149
Conc: 42.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.639 min
Delta R.T.: -0.012 min
Response: 5760577
Conc: 41.35 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.959 min
Delta R.T.: -0.012 min
Response: 5850497
Conc: 40.55 ug/ml

Instrument :

FID_E

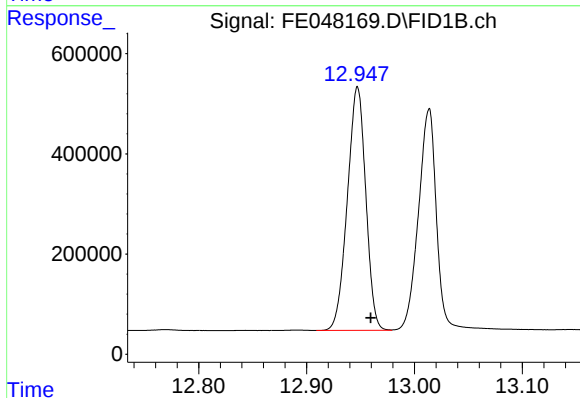
ClientSampleId :

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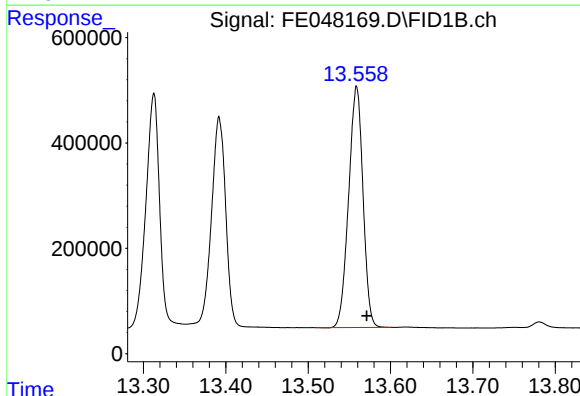
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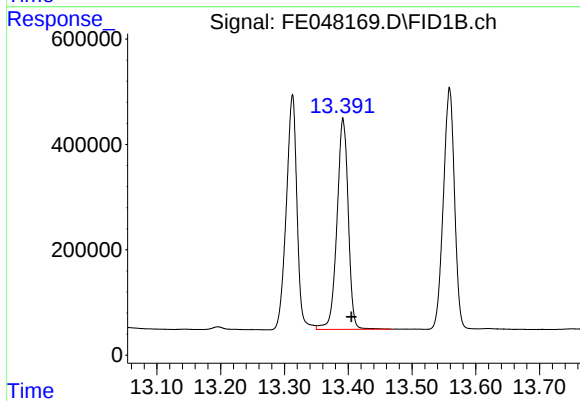
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 5763880
Conc: 42.81 ug/ml



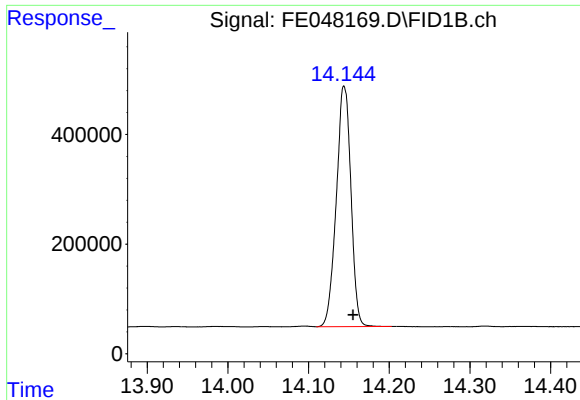
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.012 min
Response: 5542788
Conc: 41.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 4922909
Conc: 44.06 ug/ml



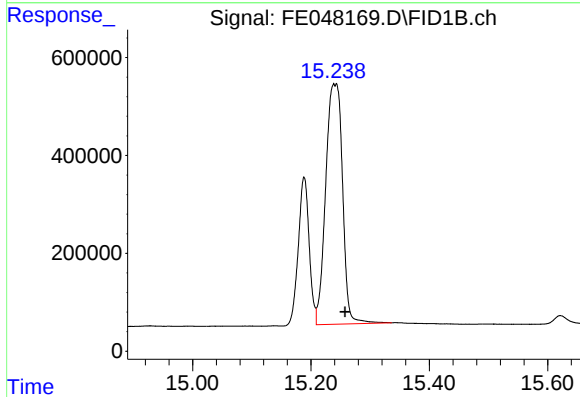
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 5523800
Conc: 41.68 ug/ml

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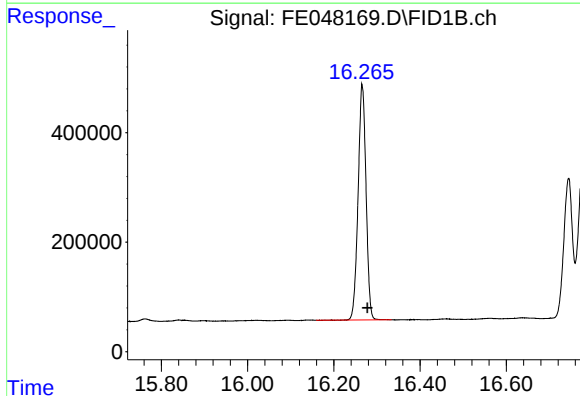
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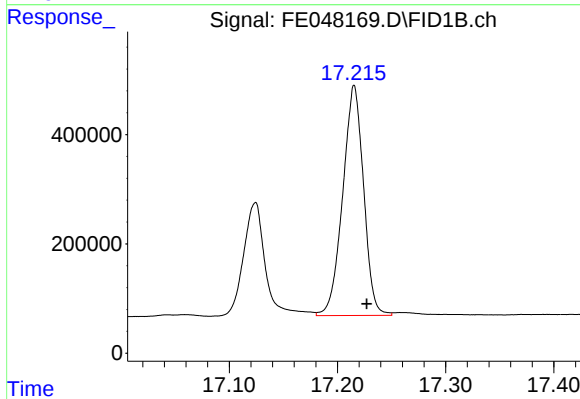
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.019 min
Response: 9700838
Conc: 72.85 ug/ml



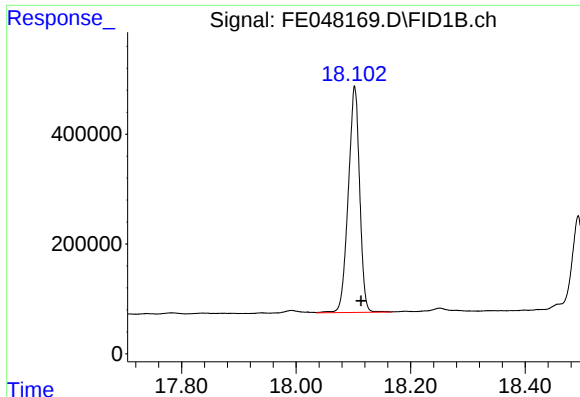
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 5506601
Conc: 41.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: -0.012 min
Response: 5641392
Conc: 42.37 ug/ml



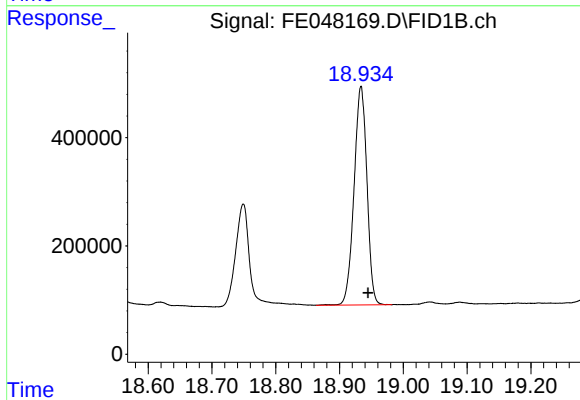
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 5678316
Conc: 41.14 ug/ml

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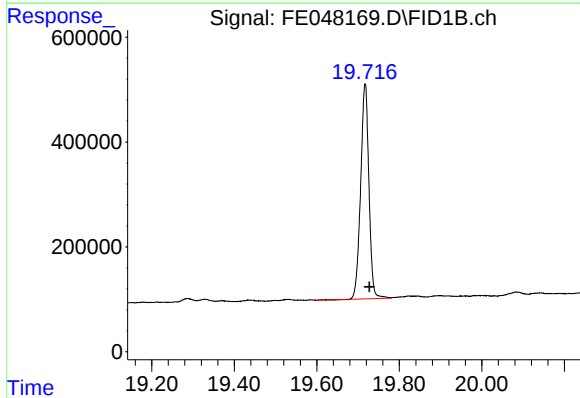
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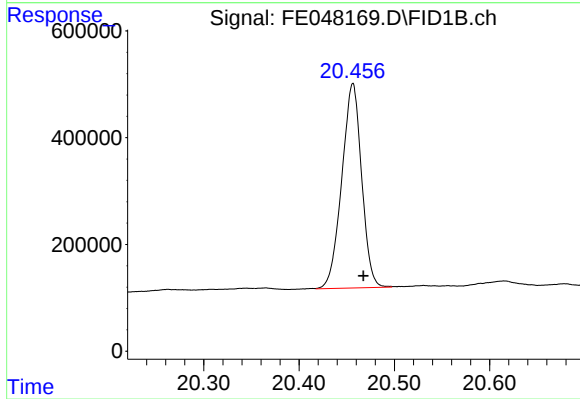
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.011 min
Response: 5658558
Conc: 40.97 ug/ml



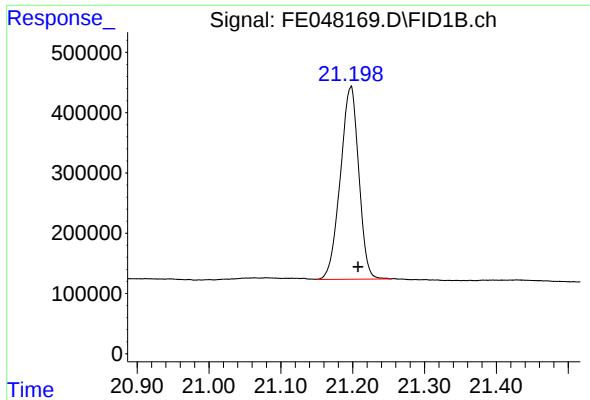
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.010 min
Response: 5711346
Conc: 41.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.011 min
Response: 5537559
Conc: 40.90 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.010 min
Response: 5705167
Conc: 41.32 ug/ml

Instrument :

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ClientSampleId :

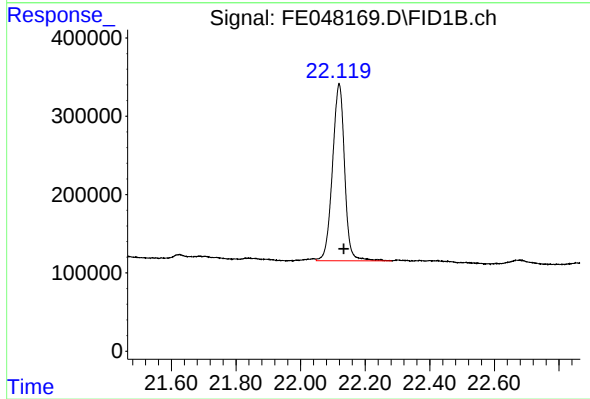
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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.015 min
Response: 5901959
Conc: 42.36 ug/ml