

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061423AL\
 Data File : FE042618.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2023 18:27
 Operator : YP\AJ
 Sample : 03221-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-4194MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :Ankita Jodhani 06/15/2023

Integration File: autoint1.e
 Quant Time: Jun 15 01:26:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.942	5978973	33.860 ug/ml
Spiked Amount 50.000		Recovery =	67.72%
12) S 1-chlorooctadecane (S...	13.378	4748852	35.738 ug/ml
Spiked Amount 50.000		Recovery =	71.48%
Target Compounds			
1) T n-Nonane (C9)	3.321	4347671	30.151 ug/ml
2) T n-Decane (C10)	4.572	4898345	33.089 ug/mlm
3) T A~Naphthalene (C11.7)	6.281	5499724	33.707 ug/ml
4) T n-Dodecane (C12)	6.741	5322084	35.491 ug/ml
5) T A~2-methylnaphthalene...	7.378	5485043	34.562 ug/ml
6) T n-Tetradecane (C14)	8.572	5710975	38.122 ug/ml
7) T n-Hexadecane (C16)	10.178	6416562	41.192 ug/ml
8) T n-Octadecane (C18)	11.623	6641451	41.999 ug/ml
10) T n-Eicosane (C20)	12.933	6664283	43.965 ug/ml
11) T n-Heneicosane (C21)	13.545	6344494	42.824 ug/ml
13) T n-Docosane (C22)	14.132	6321794	43.123 ug/ml
14) T n-Tetracosane (C24)	15.228	12060011	83.543 ug/ml
15) T n-Hexacosane (C26)	16.258	5905567	42.640 ug/ml
16) T n-Octacosane (C28)	17.207	5963594	44.543 ug/ml
17) T n-Tricontane (C30)	18.098	5813774	43.068 ug/ml
18) T n-Dotriacontane (C32)	18.929	5660853	42.375 ug/ml
19) T n-Tetratriacontane (C34)	19.713	5749325	43.718 ug/ml
20) T n-Hexatriacontane (C36)	20.452	5596577	43.059 ug/ml
21) T n-Octatriacontane (C38)	21.200	5707046	42.065 ug/ml
22) T n-Tetracontane (C40)	22.130	5890702	42.343 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 27 Sample Multiplier: 1

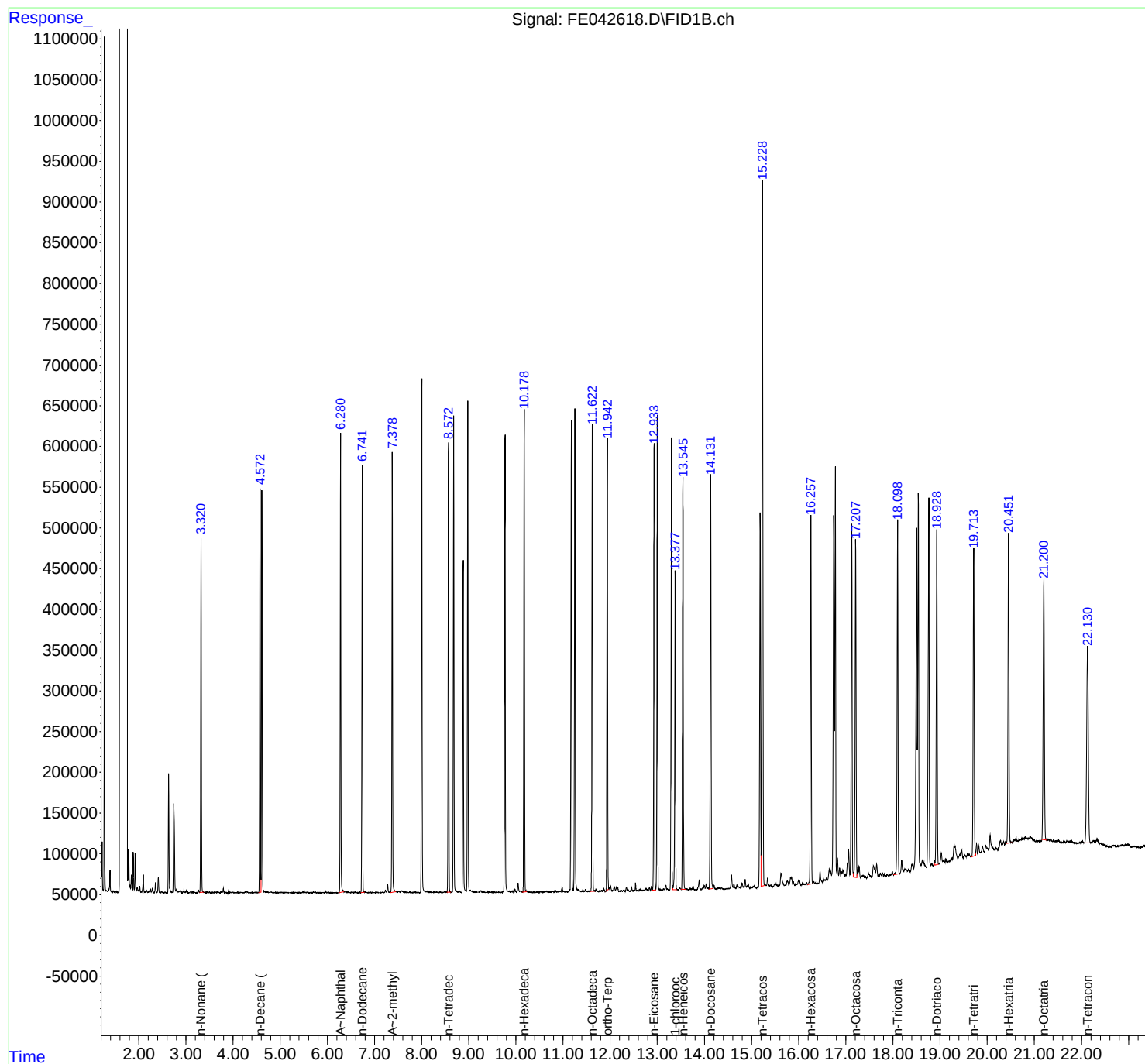
Instrument :
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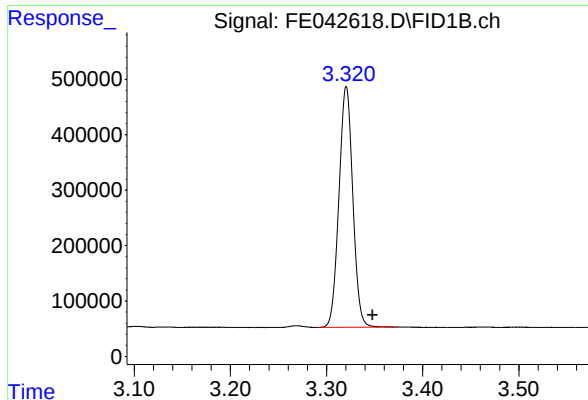
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.027 min
Response: 4347671
Conc: 30.15 ug/ml

Instrument :

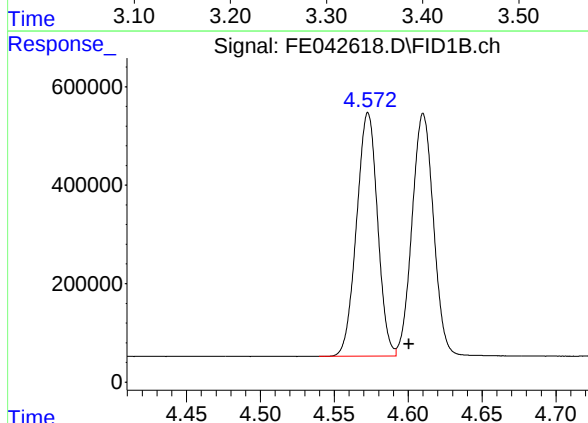
FID_E

ClientSampleId :

RT-4194MS

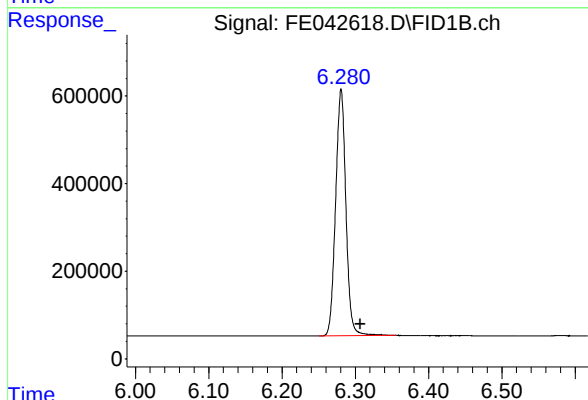
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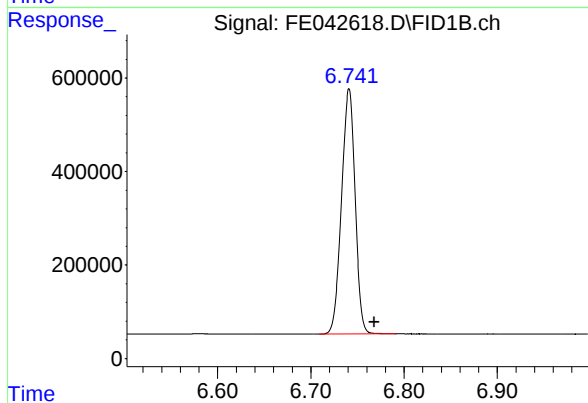
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.028 min
Response: 4898345
Conc: 33.09 ug/ml



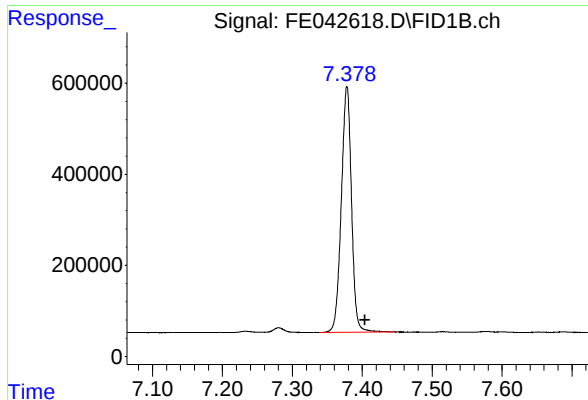
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.026 min
Response: 5499724
Conc: 33.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.027 min
Response: 5322084
Conc: 35.49 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.025 min
Response: 5485043
Conc: 34.56 ug/ml

Instrument :

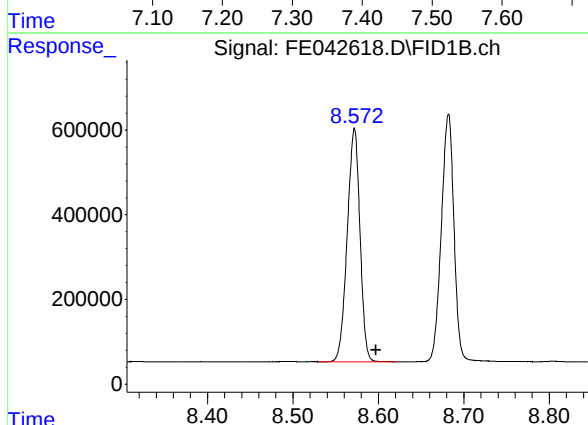
FID_E

ClientSampleId :

RT-4194MS

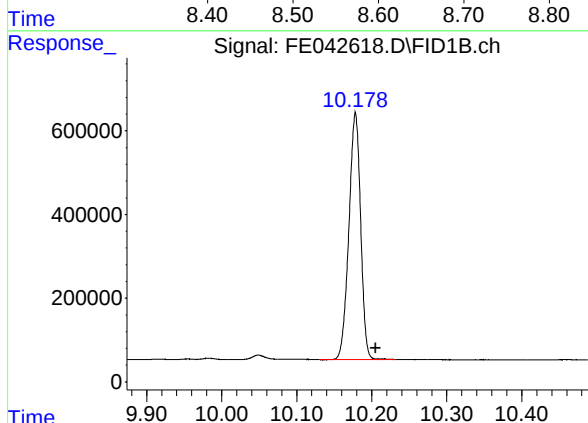
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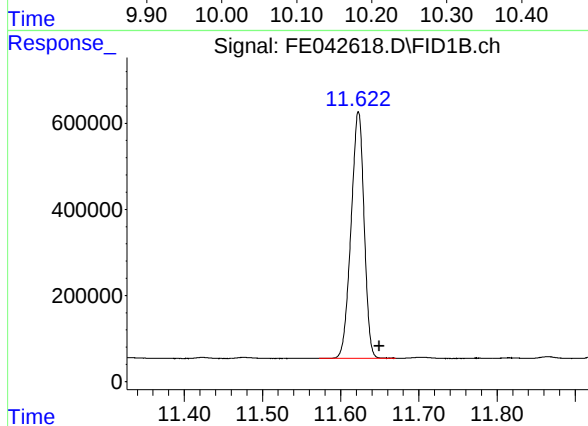
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.025 min
Response: 5710975
Conc: 38.12 ug/ml



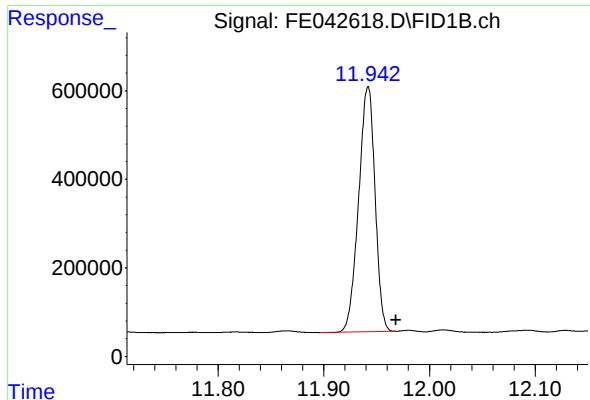
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.027 min
Response: 6416562
Conc: 41.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.026 min
Response: 6641451
Conc: 42.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.026 min
Response: 5978973
Conc: 33.86 ug/ml

Instrument :

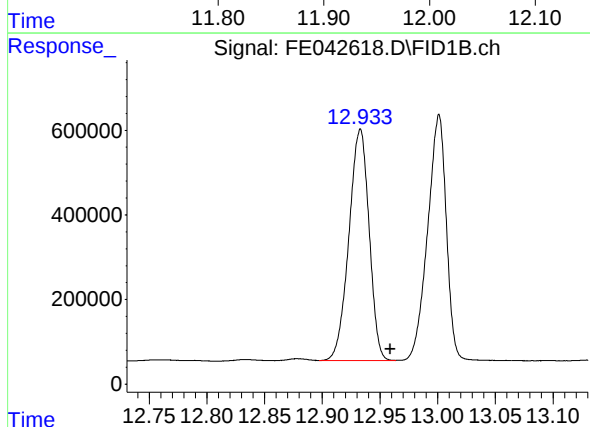
FID_E

ClientSampleId :

RT-4194MS

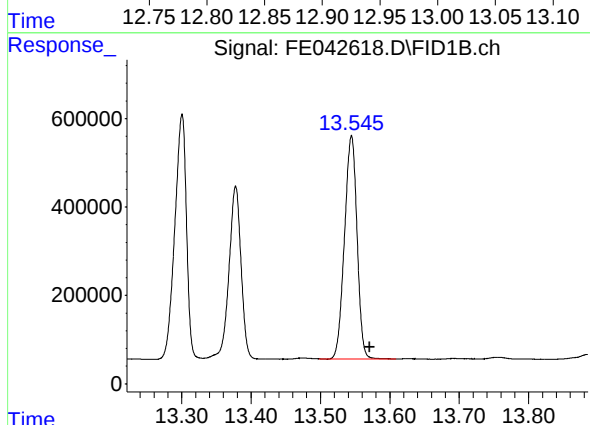
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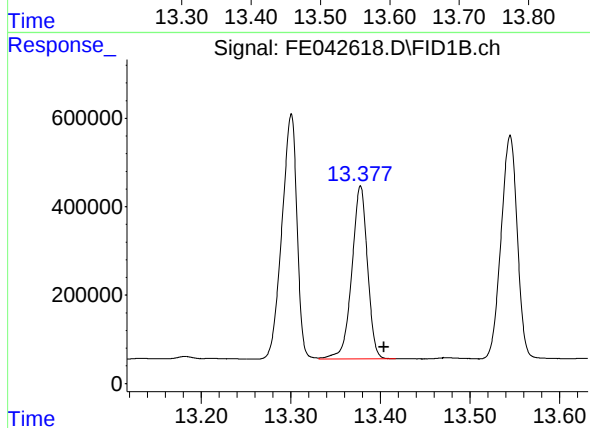
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.026 min
Response: 6664283
Conc: 43.96 ug/ml



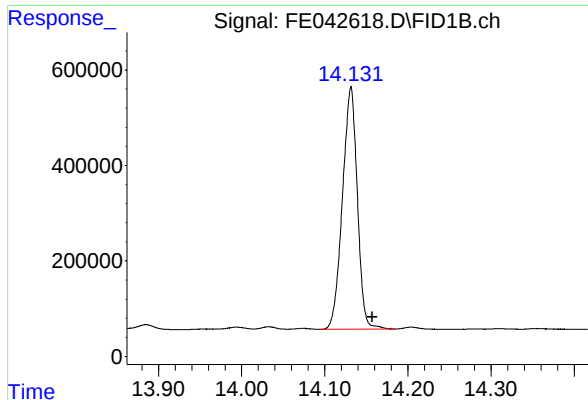
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.026 min
Response: 6344494
Conc: 42.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.026 min
Response: 4748852
Conc: 35.74 ug/ml



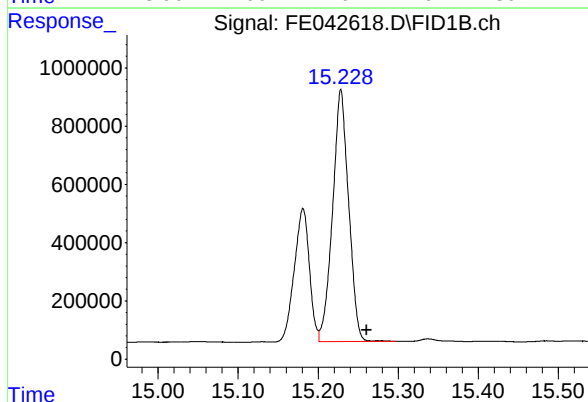
#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: -0.026 min
Response: 6321794
Conc: 43.12 ug/ml

Instrument :
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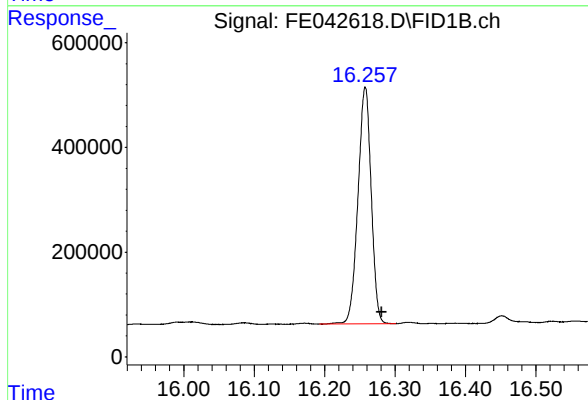
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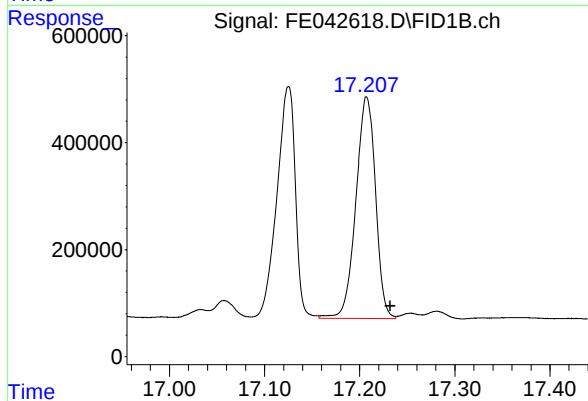
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.032 min
Response: 12060011
Conc: 83.54 ug/ml



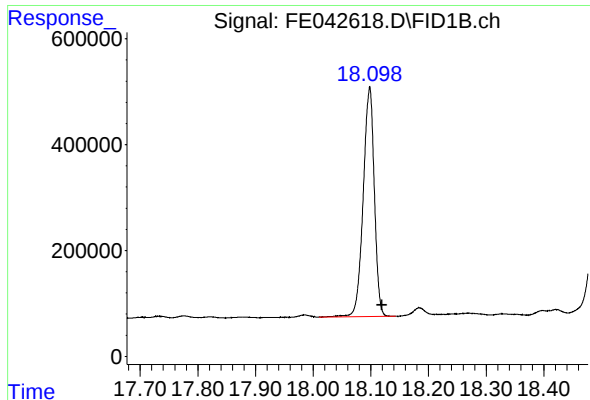
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.023 min
Response: 5905567
Conc: 42.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.025 min
Response: 5963594
Conc: 44.54 ug/ml



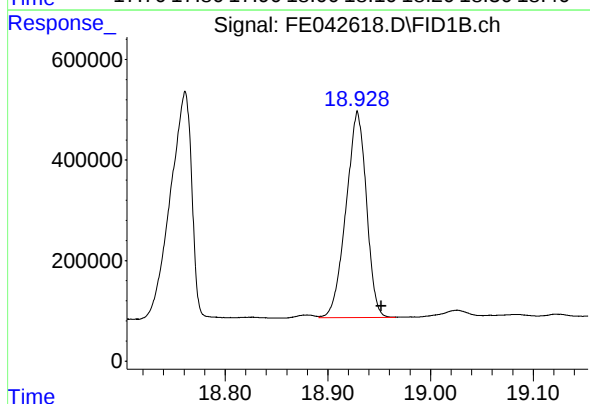
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.022 min
Response: 5813774
Conc: 43.07 ug/ml

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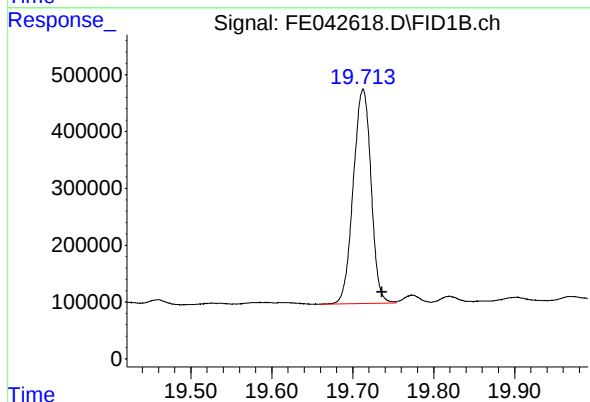
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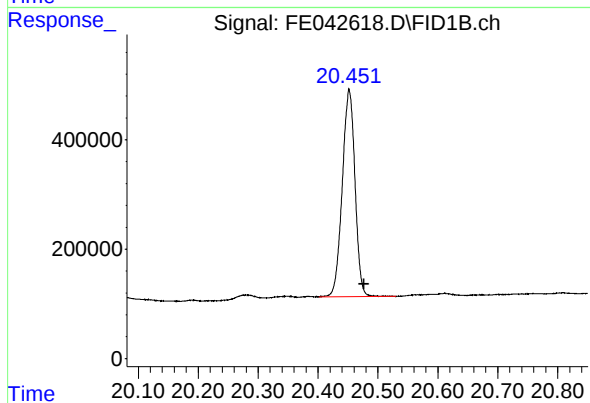
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.023 min
Response: 5660853
Conc: 42.37 ug/ml



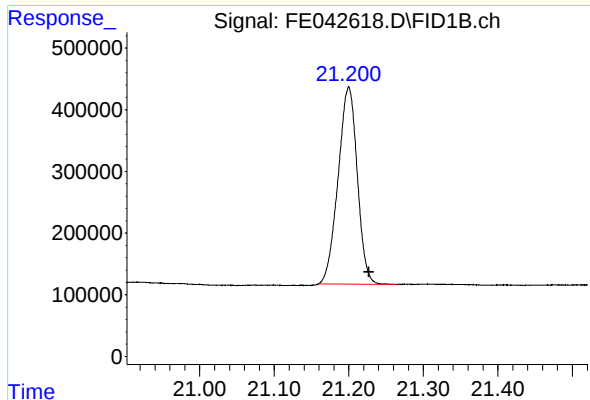
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.024 min
Response: 5749325
Conc: 43.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.025 min
Response: 5596577
Conc: 43.06 ug/ml



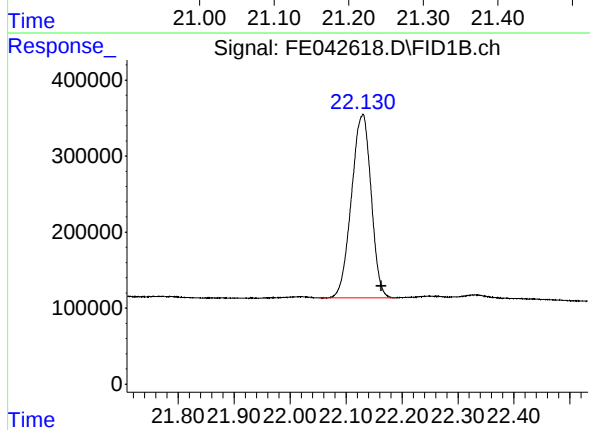
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.027 min
Response: 5707046
Conc: 42.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.033 min
Response: 5890702
Conc: 42.34 ug/ml